

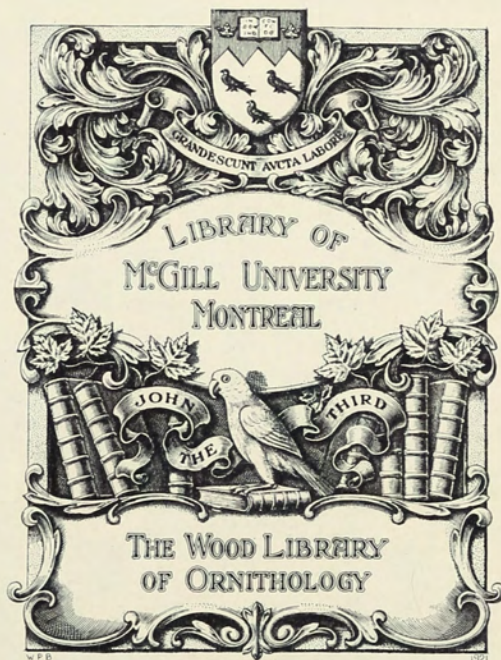


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Vol. II

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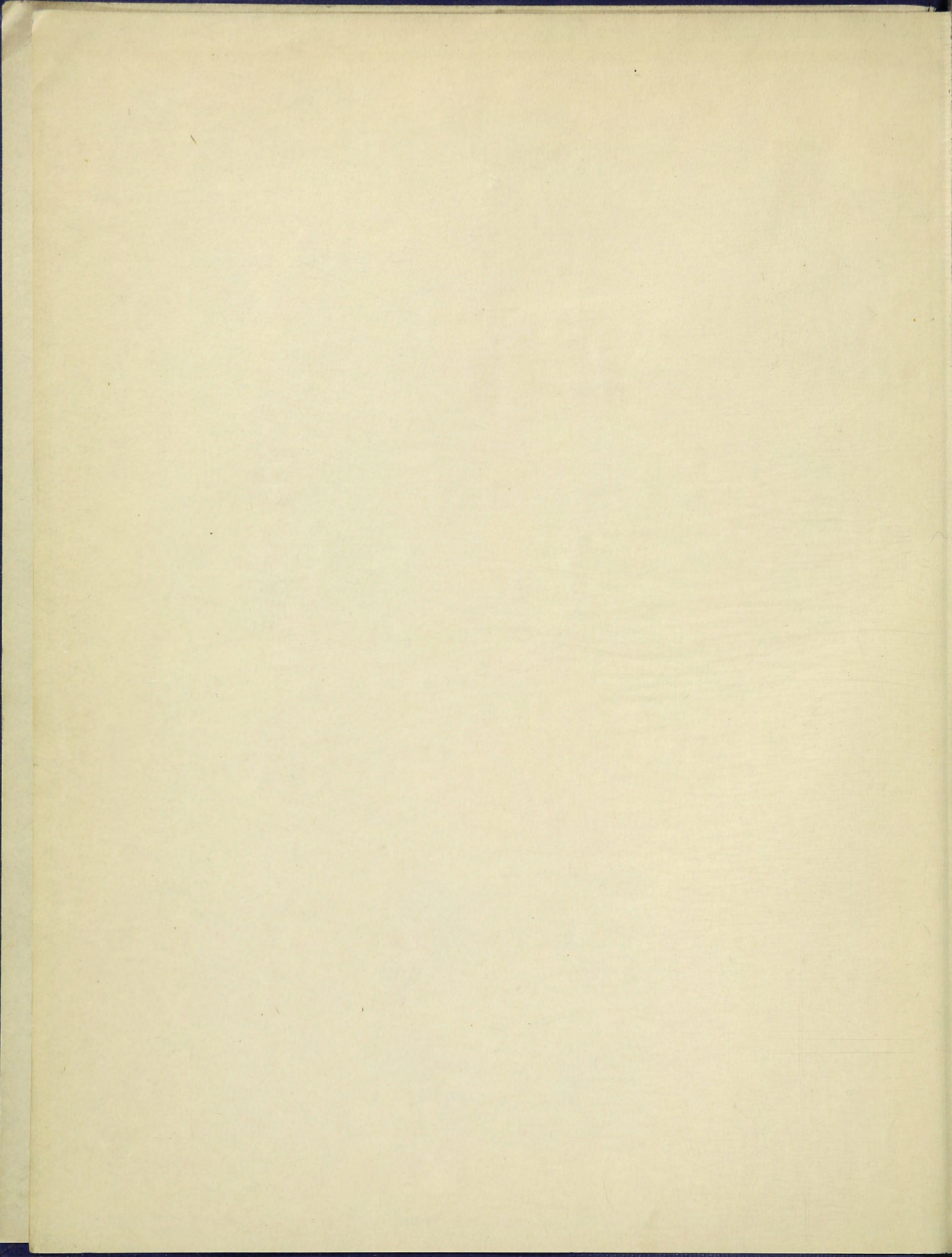
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INTRODUCTION TO THE LITERATURE OF VERTEBRATE ZOOLOGY.

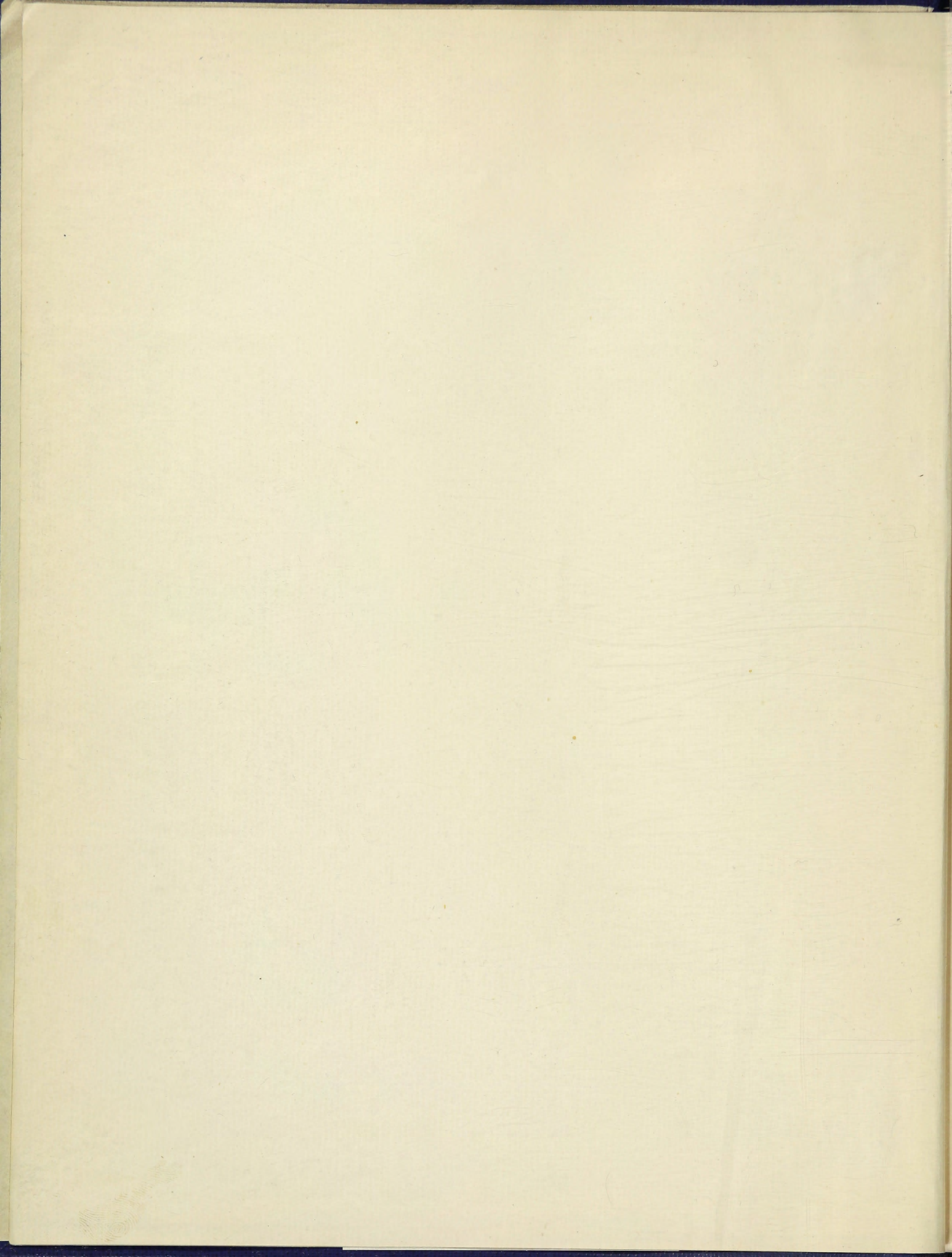
By Casey A. Wood, M.D., LL.D.

In this magnificent work Col Wood has attempted to compile a complete record of the works of Vertebrate Zoology, founded principally on the material in the Blackwood Library of Zoology, which contains nearly two-thirds of the works referred to - Emma Shearer Wood's Library of Zoology, the Osler Library of the History of Medicine, the Great Library of Chinese Literature, and the general Library of the University. The compiler claims that while his work is not, and cannot be, a complete study in English of the Literature of Vertebrate Zoology, it is yet sufficient to justify its publication as the basis for an elementary thesis of the literature.

A great portion of the author's volume - i.e., 146 pages - is devoted to nineteen chapters, which may be said roughly to treat of the history of zoological literature in its various phases. This is followed by an index to short author titles arranged geographically and in chronological order and, finally there is an annotated catalogue of Vertebrate Zoology in the library of the Macgill University. The latter portion extends from page 173 to the end of the book. Here we have arranged in alphabetical order under the authors' names every volume in the above library, giving briefly the title, name, publisher, references to later books, where to be seen or obtained; and then a brief summary of the contents of the book.

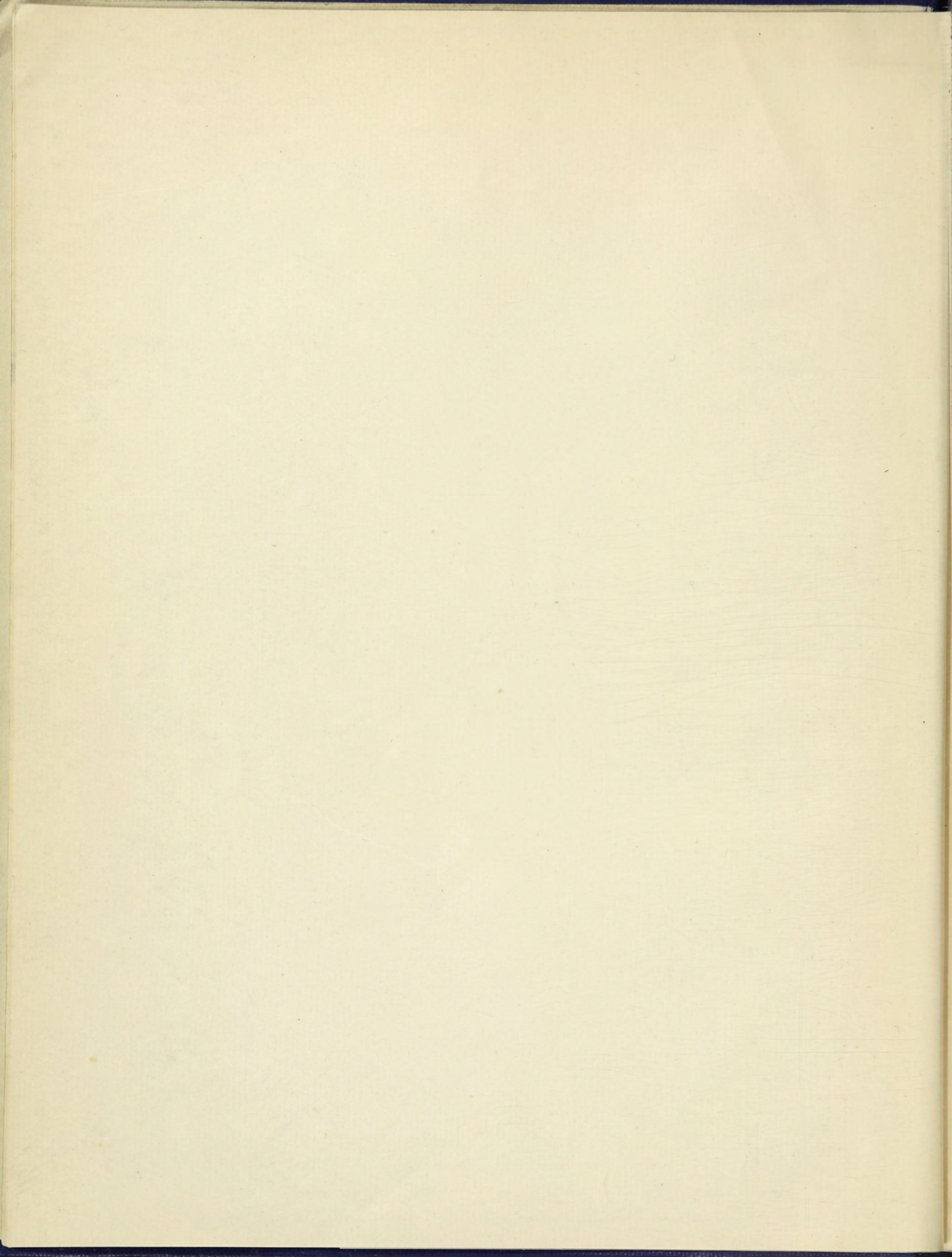
To review a work of this nature in detail would fill many pages, and it is impossible to do more than give the above description of the book in a review of the present length. The work is extremely well got up, the printing most legible, though in many cases so very small, whilst the paper is of a first-rate quality and yet comparatively light to handle. It is a volume which cannot be ignored by any American naturalist, whatever may be his special form of work, whilst to naturalists in other continents, if not absolutely indispensable, it is undoubtedly one which will be of constant use and save an immense amount of labour in research. The work is one which has entailed many years of intense labour, much travelling, and the greatest care and discretion in compilation. We imagine that there are few authors who combine in their one person the attributes necessary to success in the compilation of so great an undertaking.

We congratulate Col Casey Wood on having succeeded where assuredly most would have failed, and the volume is one which will for many long years to come form an essential part of the library of every naturalist.

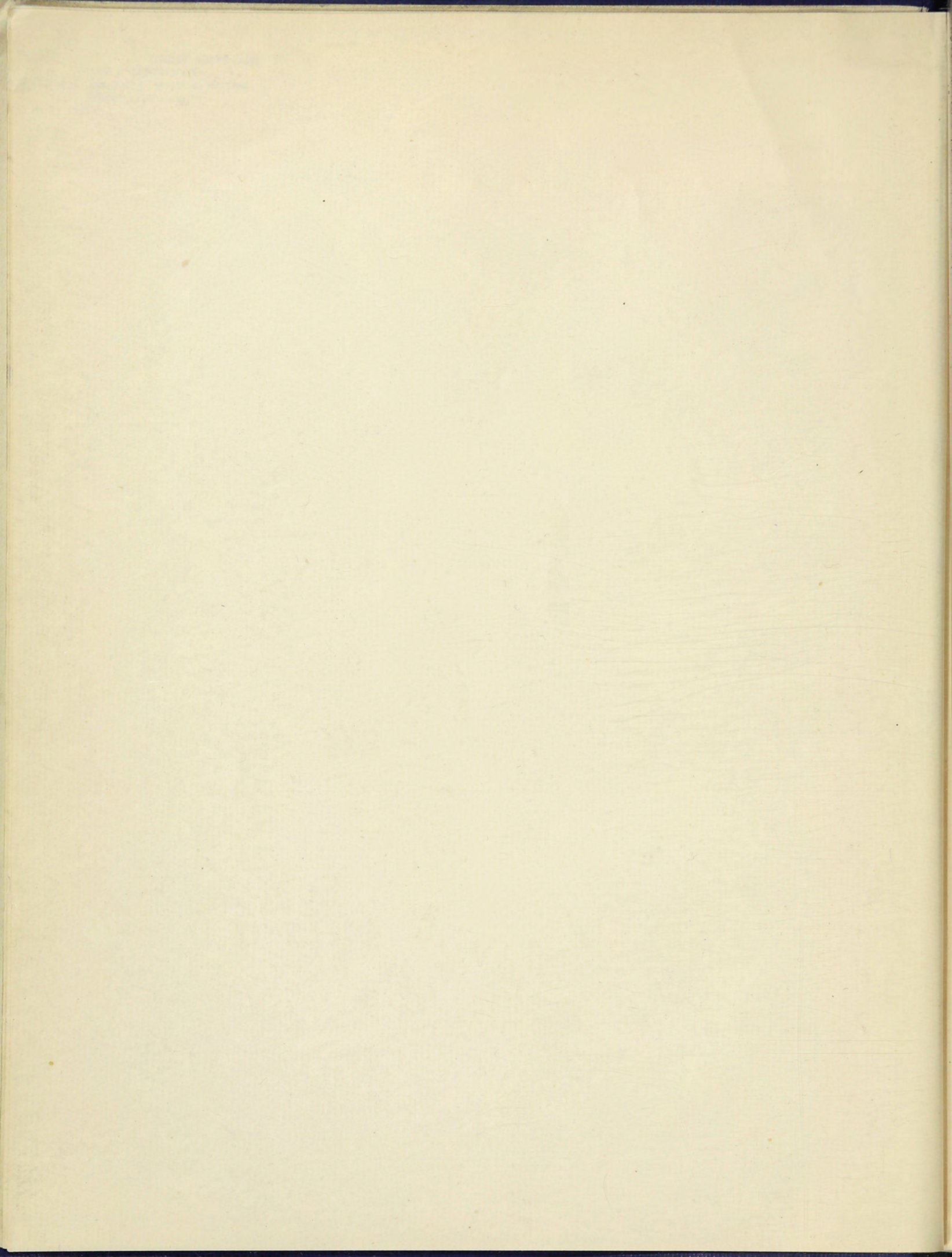


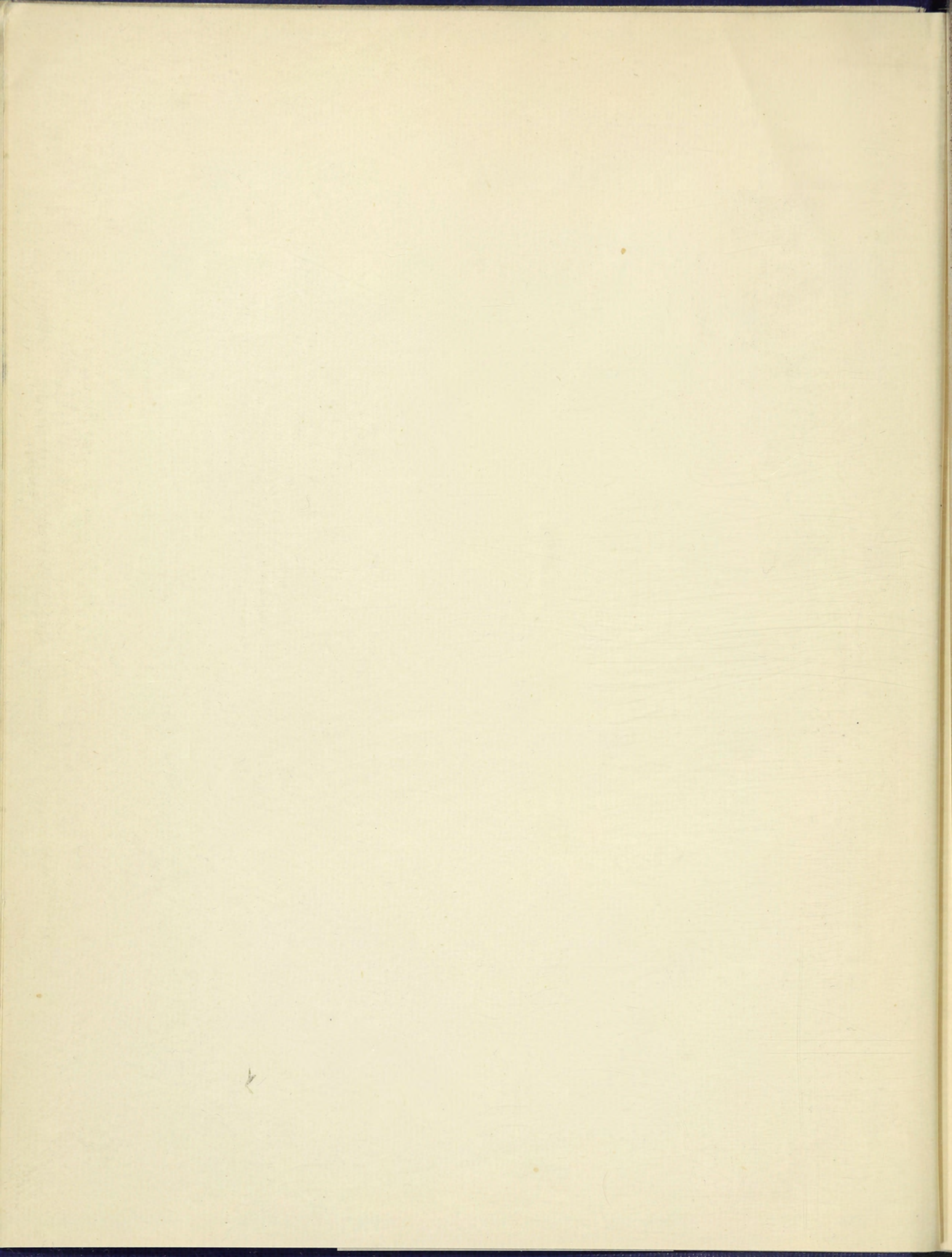
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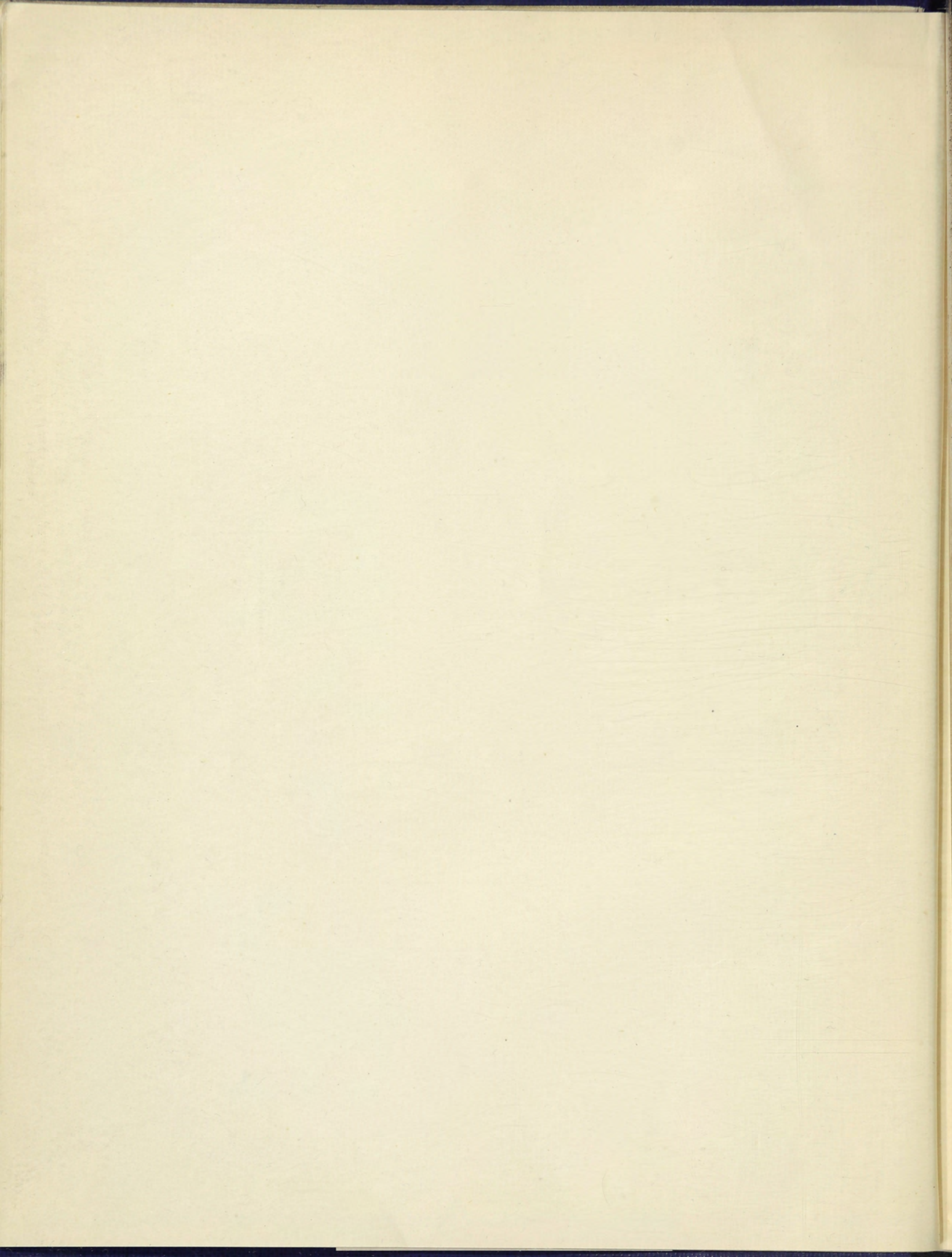
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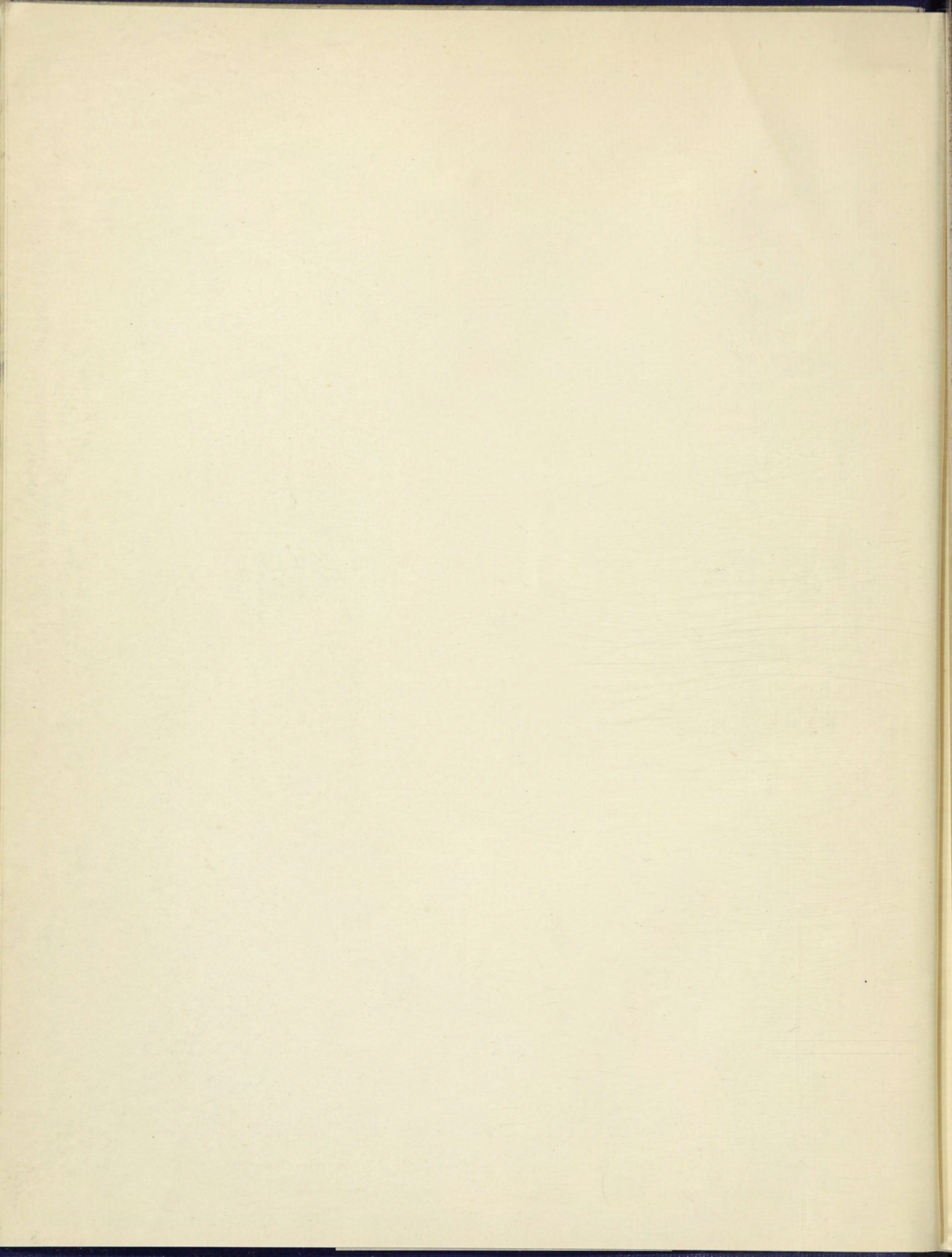


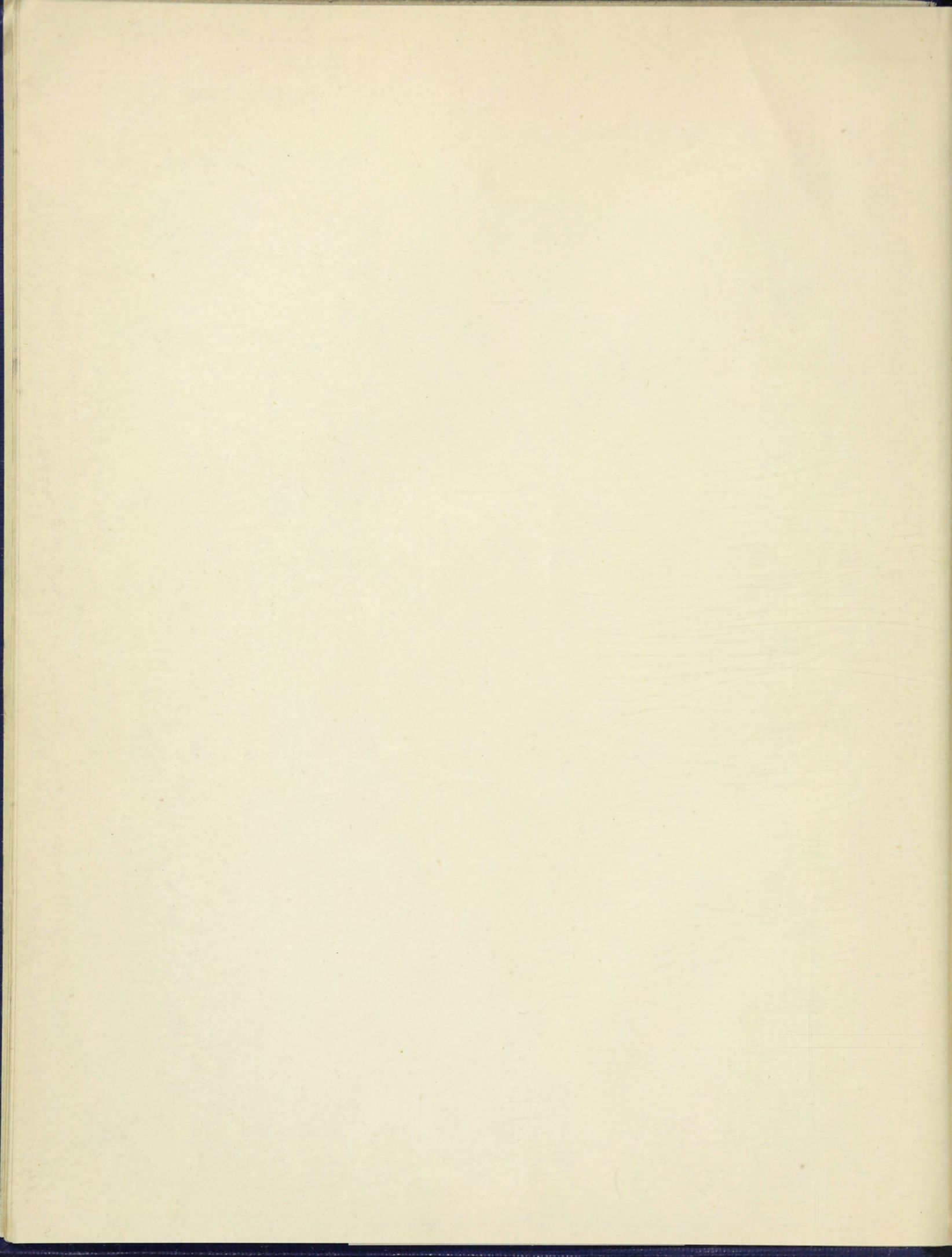
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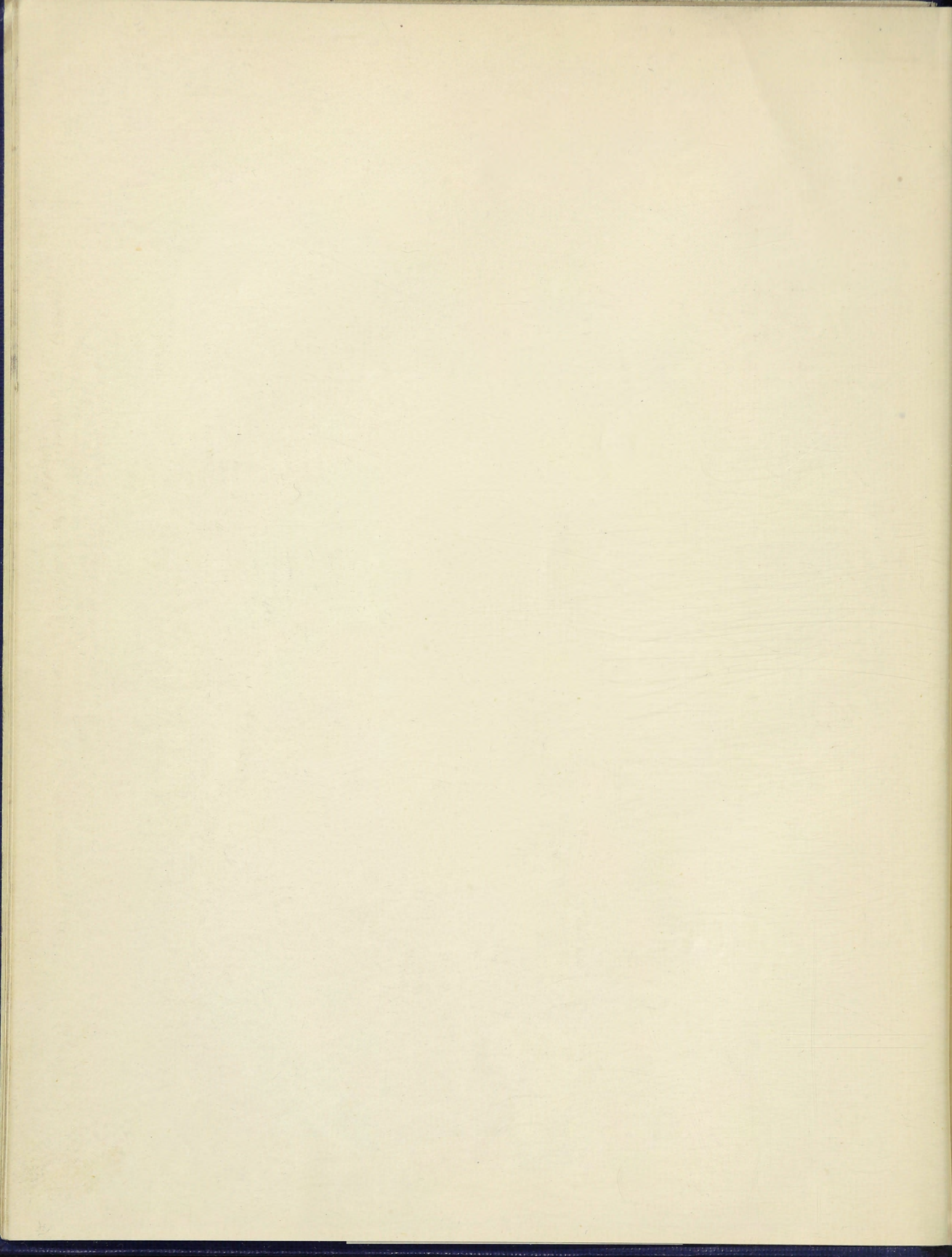


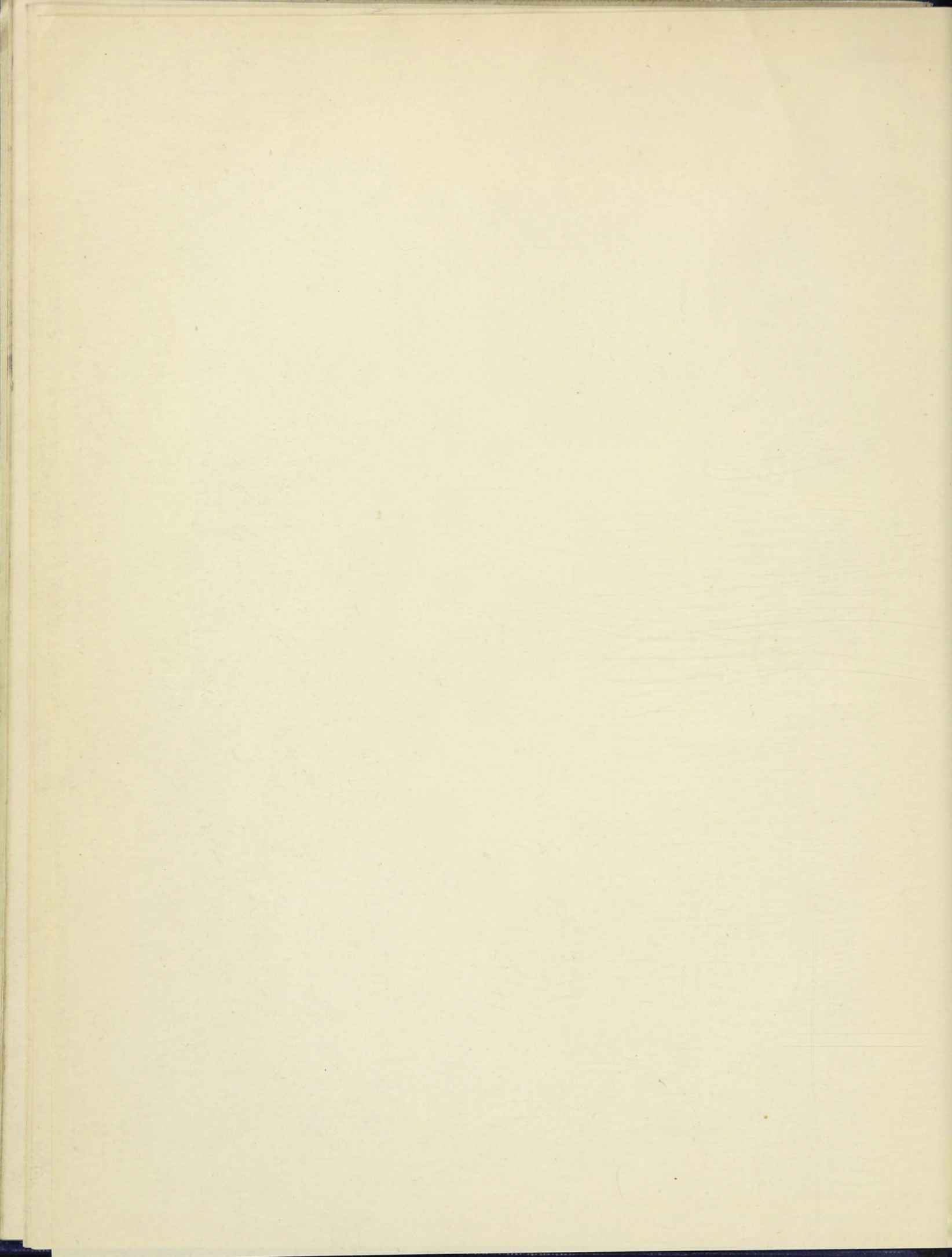


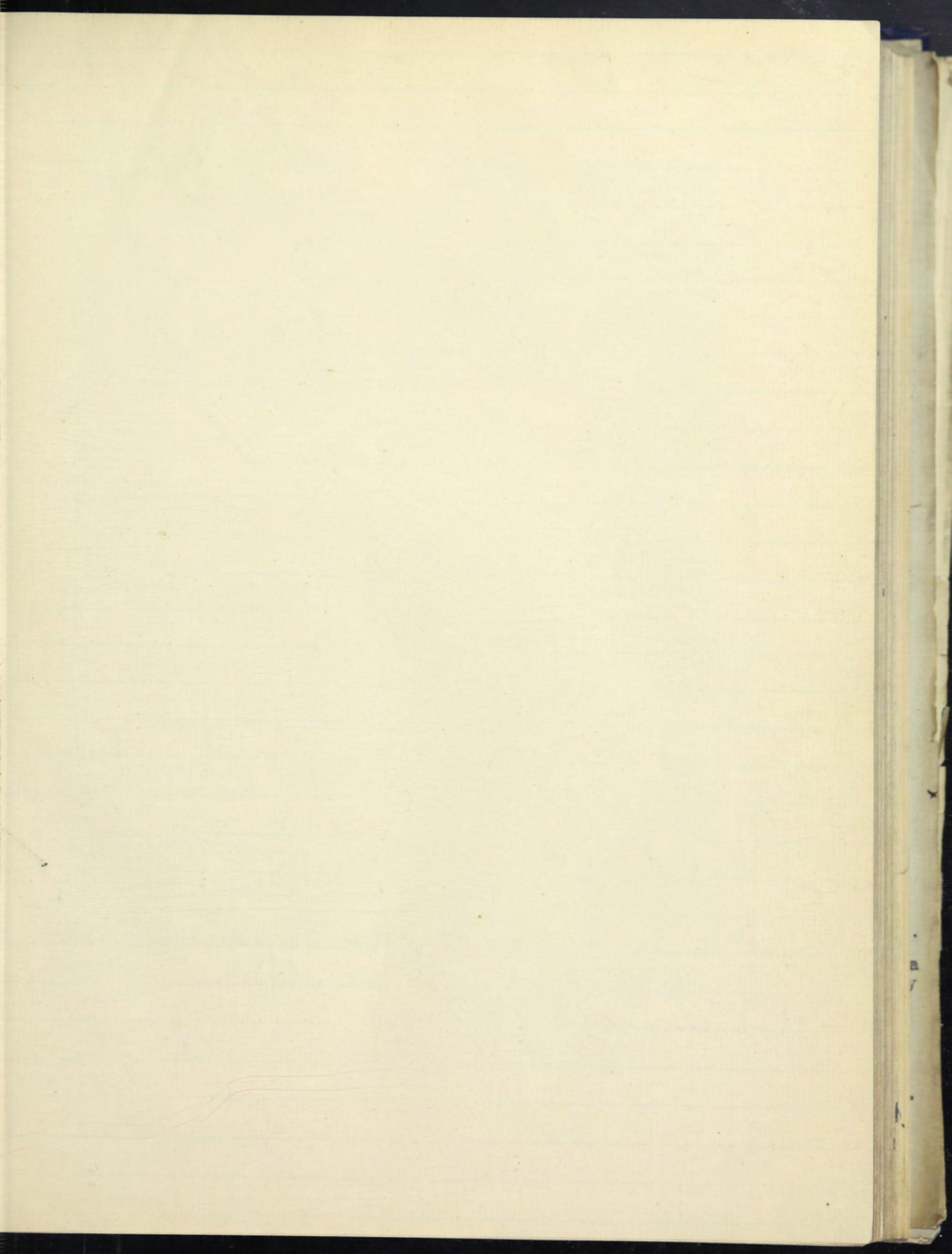










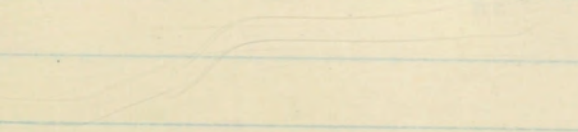


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1931. Paradise quest. pp. 226. New York [de Crandall]

→ Crawford, R. F. ed. 1890. Complete Natural History. 16 col. pl. 300 illus.

→ Crescens, Pierre de. [ca. 1530]. de livres champêtre et
rusant. Illustr. (~~Oster~~).

Crotch, W. D. See Cretch, W. D. Shows the former name. 6 col. pl

- CRANDALL, LEE SAUNDERS** [1887-].
1917. *Pets, their history and care. With illustrations from life.* 8vo. pp. xii+372. front. 31 pl. *T. of c. bibliogr. index.* New York.
- Several of these interesting chapters had already appeared in various publications. The book is divided into four sections: (1) Mammals; (2) Birds; (3) Reptiles and Batrachians; (4) The Aquarium.
- **CRANZ, DAVID** [1723-77].
1782. *Historie von Groenland.* 2nd ed. 8vo. Leipzig.
- There is also an English edition, in 2 vols., translated by J. Gambold, London, 1767.
- CRAVERI, MICHELE.**
1926. See FIGUIER, G. L., 1926.
1927. *Atlante ornitologico. Uccelli italiani.* 4to. n.p. 50 col. pl. Milano.
- An excellent atlas of Italian birds, well illustrated in color with some 300 figures, each plate accompanied by descriptive letter-press.
- CRAWFORD, JAMES HUNTER.**
1896. *Wild Life of Scotland.* 8vo. (Wanting.) London.
- **CRAWFURD, OSWALD JOHN FREDERICK, ed.**
1895. *A Year of Sport and Natural History . . . with chapters on Birds of Prey, the nidification of Birds, and the habits of British Wild Birds and Animals.* [By J. M. Brown and others.] 4to. pp. xii+331. 33 pl. text illust. London.
- The plates are paged in with the text.
- CRAWSHAY, Capt. RICHARD.**
1907. *The birds of Tierra del Fuego.* 4to. pp. xl+158. front. 43 pl. (21 col.). 1 map (col.). 1 fig. index. London.
- An excellent account of birds collected by the author in 1904, with notes on habitat, nidification, descriptions of their coloration, etc. Three hundred copies were printed, the present one being No. 113.
- CREFELD. Naturwissenschaftliches Museum.**
?1909-19. *Mitteilungen.*
- CRERAR (JOHN) LIBRARY.**
1902. *List of bibliographies of special subjects.* 4to. pp. 504. Chicago.
- A valuable work of reference for students of zoology.
- **CRESPON, J.**
1840. *Ornithologie du Gard et des pays circonvoisins.* 8vo. pp. (4)+xvi+567+(1). index. Nismes.
- Of 500 species of birds known in Europe, the author has described 321 from the department of the Gard in Provence. The work was published by subscription and dedicated to Isidore Geoffroy Saint-Hilaire.
1844. *Faune méridionale . . . de France, etc.* 2 vols. in 1. 8vo. atlas. 73 pl. Nismes.
- CRESSWELL, RICHARD.**
1862. *Aristotle's History of Animals.* See ARISTOTLE, 1862.
- CRITCH, W. D.**
1851. *The Birds of Somersetshire.* No. 1 (all pub.). 8vo. pp. 24. 4 pl. (Wanting.) Taunton.
- CRETZSCHMAR, PHILIPP JAKOB, ed.**
1826. *Säugethiere.* pp. 78. pl. (*Senkenbergische naturforschende Gesellschaft, Atlas zu der Reise im nördlichen Afrika*, vol. [1].) See also RÜPPELL, W. P. E. Frankfurt a. M.
- CREW, FRANCIS ALBERT ELEY** [1888-].
1925. *Animal genetics; an introduction to the science of animal breeding.* (Biological monographs and manuals.) 8vo. pp. xix+(1)+420. 67 figs. (1 col.). *T. of c. bibliogr. 2 indexes.* Edinburgh.
- CRICHTON, ANDREW** [1790-1855].
1835. *Memoir of Pliny.* See SELBY, P. J.
1837. *Memoir of Bruce. Memoir of Le Vaillant.* See SWAINSON, W.
- CRIDDLE, NORMAN.**
1920. *The birds of a Manitoba garden.* 12mo. pp. 7. [Ottawa.]
- CRIGHTON, ARTHUR W.**
1886. *A Naturalist's Rambles in the Orcades.* (Wanting.)
- CROATIAN (SLAVONIAN) ORNITHOLOGICAL SOCIETY, YEAR-BOOK OF THE.**
See HRVATSKA ORNITHOLOŠKA CENTRALA.
- CROMMELIN, J. P. VAN WINCKEVOORT.**
[1863]. *Notice sur les canards observés en Hollande.* 8vo. pp. 7. Harlem.
- A short brochure on the wild ducks observed in Holland.
- CRONAU, C.**
1880. *Die Hühnervögel mit besonderer Rücksicht auf ihre Pflege und Zucht in der Gefangenschaft.* With atlas. Vol. I, pt. I. pl. Vol. II, pt. I. pl. Berlin.
- The work deals with the feeding, rearing, housing, and acclimatization of fowls and pheasants. The Atlas has colored plates of Reeves' Pheasant, and Amherst's Pheasant, with numerous plans of pheasant-runs and hen-coops. It is a rare book.
1884. *Die Fasanen, etc.* 4to. pp. iv+155. 4 pl. Strassburg.
- CRONISE, TITUS FEY.**
1868. *The natural wealth of California; comprising . . . zoology and botany, etc.* 8vo. pp. xvi+696. front. 15 pl. *T. of c. index.* San Francisco.
- An important history with a full treatment of the natural history. The portion treating of birds will be found on pp. 448-80. Not in *Cat. Br. Mus. (Nat. Hist.)*.
- CRONWRIGHT-SCHREINER, SAMUEL CRON** [1863-].
[1925]. *The migratory springboks of South Africa (the Trekbokke); also an essay on the ostrich.* 12mo. pp. 140. front. 4 pl. *T. of c.* London.
- CROWLEY, PHILIP.**
1883. *A list of Birds' eggs in the collection of Philip Crowley.* 8vo. pp. 96. Croydon.
- A list representing nearly 2,400 species. The numbers before the specific names refer to Gray's *Hand-List of Birds*. No vernacular names are given.
- CROYDON NATURAL HISTORY AND SCIENTIFIC SOCIETY.**
1870-date. *Proceedings and Transactions.*

CRUTTWELL, ALFRED C.

n.d. A complete table of the animal kingdom; arranged in their divisions, classes, orders, sub-orders, and families. With the meaning of scientific names, and common examples of each. *8vo.* pp. 24. *Frome.*

CSATÓ, JÁNOS.

1896. Alsófehér varmegye növény- és állatvilága. *4to.* pp. 138. *Nagy-Enyed.*

CSÖRGEY, TITUS.

1905. Ornithologische Fragmente aus den Handschriften von J. S. von Petényi. Deutsch bearbeitet von T. Csörgey, &c. See PETÉNYI, S. J.

CUBE, JOHANN VON. See HORTUS SANITATIS, 1517, and CAUB, JOHANN WONNECKE VON.

CULLIMORE, DANIEL HENRY.

n.d. [The flora and fauna of Upper Burma.] *folio. n.p.* 435 pl. A collection of original colored drawings.

The collection consists of 435 beautiful original colored drawings, probably intended for a publication on Upper Burma, but they were never published. Eighteen of them are of birds. Cullimore's published works are on medical subjects.

CUMBERLAND, GEORGE [1754-1848].

n.d. [Studies from nature, in various branches of natural history.] *4to. no t.-p. unsp. pl.*

Scrap-book containing 310 original sketches and drawings, some colored, and many very beautifully executed. Seventeen of them are of birds. In most cases MS. notes accompany the drawings which were presented by the father to his son Sydney.

CUMBERLAND AND WESTMORELAND ASSOCIATION FOR THE ADVANCEMENT OF LITERATURE AND SCIENCE.

Keswick, Carlisle.

1875-92? Transactions.

CUMING, EDWARD WILLIAM DIROM [1862-].

1913-14. (The) Bodley Head natural history with illust. by J. A. Shepherd. *2 vols. 12mo.* Vol. I, pp. 120+(3). *front. (col.). 2 pl. (col.). 226 figs. (col.). T. of c.* Vol. II, pp. (16)+17-122. *front. (col.). 1 pl. (col.). 186 figs. (col.). T. of c.* London. A popular account of passerine British birds, illustrated by drawings from life.

1929. See BLOME, RICHARD.

CUMMING, C. F. G.

1892. Two Happy years in Ceylon. 4th ed. *2 vols. 8vo.* (Wanting.) *London.*

CUNNINGHAM, DAVID DOUGLAS [1843-].

1903. Some Indian friends and acquaintances; a study of the ways of birds and other animals frequenting Indian streets and gardens. *8vo.* pp. viii+(2)+423. *front. (col.). 23 pl. T. of c. append. index.* London.

The book (the observations of a thirty-year resident) is divided into three headings: (1) Common birds of an Indian Garden; (2) Common mammals of an Indian Garden; (3) Common reptiles of an Indian Garden.

CUNNINGHAM, JOSEPH THOMAS [1859-].

1890. A treatise on the common sole (*Solea vulgaris*). *folio.* pp. 8+148. 18 pl. *Plymouth.*

1896. The natural history of the marketable marine fishes of the British islands. With a preface by E. Ray Lankester. pp. xvi+375. *illust. 2 fold. maps.* London, New York.

1900. Sexual Dimorphism in the Animal Kingdom. *8vo.* pp. xi+317. *text illust.* London.

1901. See SCHMEIL, F. O., 1901.

1912. See LYDEKKER, R. [and others], 1912.

CUNNINGHAM MEMOIRS. See ROYAL IRISH ACADEMY.**CUNNINGHAM, ROBERT OLIVER.**

1871. Notes on the natural history of the Strait of Magellan and west coast of Patagonia made during the voyage of H.M.S. 'Nassau' in the years 1866, 67, 68, & 69. *8vo.* pp. xvi+(2)+517. *front. (col.). 20 pl. (4 col.). map (col. fold.). T. of c. index.* Edinburgh.

CUNRAT (VON MEGENBERG) [1309-78]. See MEGENBERG, KONRAD VON.

CURAÇOA, VOYAGE OF THE.

1873. See BRENCHLEY, JULIUS LUCIUS.

CURLEW, THE. Pubd. monthly by O. P. Hanger & Co., Orleans, Indiana, for the Wilson Chapter A.[gassiz] A.[ssociation]. Editors: J. B. Richards, Pres., and Lynde Jones, Secy. *16mo.* Frank Burns notes: Vol. I, Nos. 1-7, Oct. 1888-April 1889. pp. 63. [All issued.]

The first few numbers of this small periodical figured as the organ of the Young Ornithologists' Association. Among its contributors of (short papers) are the editors, R. M. Strong, E. P. Carlton, W. A. Nutter, et al.

CURRENT ITEMS OF INTEREST.

1908-18. (Prepared by Henry Oldys.)

Organ of the Audubon Society of the District of Columbia. *8vo. 4-page leaflet.* Silver Spring, Md.

These useful leaflets (publication suspended) did much to spread the doctrines of bird protection and culture throughout the United States, and were in addition a record of the same work abroad. *Current Items* was a steadfast opponent of the slaughter of exotic birds and the introduction of their plumage into this country.

CURTIS, WINTERTON CONWAY [1875-] and GUTHRIE, MARY J.

1927. Textbook of general zoology. *8vo.* pp. xv+(1)+585. 308 figs. *T. of c. index.* New York.

The present volume is based on the course in General Zoology, University of Missouri.

CURTISS, R.

1924. An account of the natural history of New England and of Nova Scotia and Lower Canada . . . as it applies to beasts, birds, reptiles, whales, fresh and salt water fish and shell fish, worms, insects and pests. 2nd ed. *12mo.* pp. 122. *New York.*

An interesting, well-written account of the matter set forth on the title. Not in the *Cat. Br. Mus. (Nat. Hist.)*.

CURWEN, HENRY.

1873. A History of Booksellers. *8vo.* London.

Very useful for all librarians and bibliographers.

CURZON, ROBERT.

1854. Armenia, etc. *8vo.*

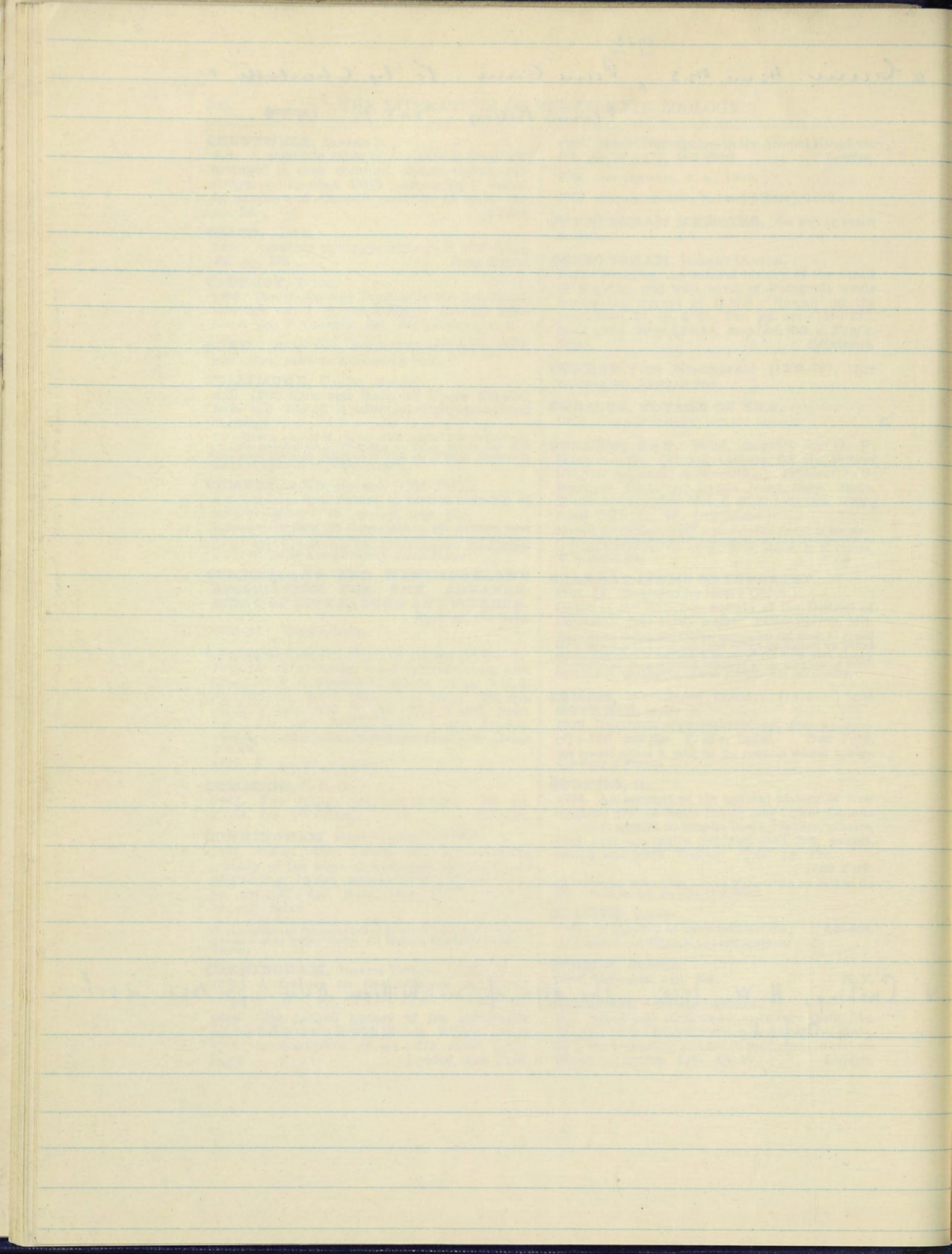
N.Y.

CUTMORE, J. W. and others.

n.d. Ailing cage birds and how to cure them. An account of the troubles which beset captive birds, with the treatment and list of medicines to restore [them to] health. *24to.* pp. 27. London.

« Curie. Mme. M.S. ^{1923.} »
« Pierre Curie. Cr. by Charlotte »
« Anna Kellog. var. p. ~~1923~~ »

Cushing, H. W. 1925. The life of Sir William Osler. pp. 1662. 2 vols.
Oxford.



CUVIER, GEORGES FRÉDÉRIC [1773-1838].
1804-30. Dictionnaire des Sciences Naturelles.
60 vols. 8vo.

**** and **GEOFFROY-SAINT-HILAIRE, É.**
[1818]-42. Histoire naturelle des Mammifères.
4 vols. col. pl. See also GEOFFROY-SAINT-HILAIRE, É.
Paris.

A fundamental authority on mammals, with fine plates; of great value to any research library.

1831-2. Supplément à l'histoire générale et particulière de Buffon offrant la description des mammifères et des oiseaux les plus remarquables découverts jusqu'à ce jour, et accompagné de gravures. 2 vols. 8vo. portr. pl. Paris.

The colored illustrations are in some instances rather crudely executed, and the figure of the Common Grey Crow of Ceylon and India (*Corvus splendens*) is by no means typical. This species is not figured in Legge's *Birds of Ceylon*, nor does he indicate where a figure of it is to be found.

1836. De l'histoire naturelle des cétacés, ou Recueil et examen des faits dont se compose l'histoire naturelle de ces animaux. 8vo. pp. 4+416. 24 pl. Paris.

One of Roret's 'Suites à Buffon'.

CUVIER, GEORGES LÉOPOLD CHRÉTIEN FRÉDÉRIC
DAGOBERT, Baron [1769-1832].

1798. An VI. Tableau élémentaire de l'histoire naturelle des Animaux. 8vo. pp. 16+710. 14 pl. Paris.

This is the first considerable work on Zoology written by the celebrated Baron Cuvier. It has been frequently translated and formed a foundation for future editions and other treatises. Most of the subsequent important treatises of the great naturalist (more or less based on this volume) are listed below.

1800. Elementarischer Entwurf der Naturgeschichte der Thiere; aus dem Französischen übersetzt und mit Anmerkungen versehen von C. R. W. Wiedemann. 2 vols. 8vo. Berlin.

An early German translation of Baron Cuvier's early treatise.

1805-37. See HUMBOLDT and BONPLAND, 1805-37.

1812. Recherches sur les Ossemens Fossiles de Quadrupèdes, etc. 4 vols. 4to. illust. Paris.

This is the first of numerous editions (and translations) of an important work, itself mostly reprinted from the *Ann. Mus. Hist. Nat. Paris*.

1817. Le règne animal distribué d'après son organisation, pour servir de base à l'histoire naturelle des animaux et d'introduction à l'anatomie comparée. 4 vols. many pl. Paris.

A famous treatise on the whole animal kingdom, the vertebrate zoology of which was written by the author himself. A second edition appeared in 1829, and there were, also, several translations.

1821-5. Das Thierreich eingetheilt nach dem Bau der Thiere als Grundlage ihrer Naturgeschichte und der vergleichenden Anatomie; aus dem Französischen frey übersetzt und mit vielen Zusätzen versehen von H. R. Schina. 4 vols. 12mo. Stuttgart.

A faithful German translation, with additions, of Baron Cuvier's *Règne animal*.

1826-8. Histoire des Progrès des Sciences Naturelles depuis 1789. 4 vols. 8vo. Paris.

The first edition of this essay (presented to the *Académie des Sciences*) appeared in 1810.

1827-35. The animal kingdom arranged in conformity with its organization, with additional descriptions of all the species hitherto named, and

of many not before noticed, by Edward Griffith . . . and others. 16 vols. 8vo. many col. illust. London.

This work was issued in parts and published in 15 volumes, with an extra one containing a classified Index and Synopsis, of which vols. VI-VII are devoted to birds, the specific descriptions of the species being written by E. Griffith and E. Pidgeon, except for the additional species inserted in the text of Cuvier for which J. E. Gray is responsible. The illustrations consist of 142 colored and 10 uncolored plates. An abridged translation in one volume adapted to the present state of science was brought out in [1849] and again in 1851, the portion relating to the birds being written by Edward Blyth. Another edition, also in one volume but with the title 'Cuvier's Animal Kingdom', appeared in 1840, having 10 uncolored plates and 66 figures in the text.

**** and **VALENCIENNES, A.**

1828-49. Histoire naturelle des Poissons. 22 vols. 8vo. illust. Paris.

The early French authority on ichthyology and a necessary work of reference in a research library.

1829-30. Le règne animal, distribué d'après son organisation. Nouvelle édition, rev. et augmentée. 5 vols. 8vo. pl. Paris.

1830. Naturgeschichte und Abbildungen der Vogel-Gattungen, &c. [based on Cuvier's Règne animal]. See SCHINZ, H. R.

1831-43. Das Thierreich geordnet nach seiner Organisation . . . Nach der 2ten., vermehrten Ausgabe übersetzt und durch Zusätze erweitert von F. S. Voigt. 6 vols. 8vo. Leipzig.

1834. The Animal Kingdom, etc. Tr. by H. McMurtie. 4 vols. 8vo. pp. 20+508. London.

There seems to have been an earlier printing (1831) of this translation published in New York, but the Compiler has not seen it.

1834-6. Recherches sur les ossemens fossiles, où l'on rétablit les caractères de plusieurs animaux dont les révolutions du globe ont détruit les espèces. 4^e éd. 10 vols. fold. tab. and atlas of 2 vols. front. (portr., vol. 1). 260 pl. (part col.). Paris.

Vol. 1 contains his 'Discours sur les révolutions de la surface du globe, et sur les changements qu'elles ont produits dans le règne animal', with 'Appendice . . . Détermination des oiseaux nommés ibis par les anciens Égyptiens'. The 'Discours', etc., is also published separately, with and without the 'Appendice' and at various subsequent dates.

1835-46. Leçons d'anatomie comparée, etc. 2nd ed. 8 vols. 8vo. Paris.

1836-49. Le Règne Animal distribué d'après son organisation, etc. (3rd ed.) 17 vols. 4to. col. pl. Paris.

This is the celebrated 'Disciples' edition, issued in 262 *livraisons* and written in collaboration with several well-known zoologists. The mammals were treated, in 2 vols. with col. pl., by Edwards, Laurillard, and Rollin; birds (also 2 vols.) by A. d'Orbigny; reptiles (1 vol., 46 col. pl.) by Duvernoy, and fishes (2 vols., col. pl.) by A. Valenciennes. For minute collation see Library of Congress Cards.

1838-43. Le règne animal, etc. 2 vols. Paris.
One of several reprints of the second or third edition.

1840. Cuvier's Animal kingdom, arranged according to its organization; forming the basis for a natural history of animals, and an introduction to comparative anatomy. *Mammalia*, birds and reptiles, by Edward Blyth; fishes by Robert Mudie. 8vo. pp. vii+670. front. 26 pl. 351 figs. T. of c. 2 indexes. London.

A complete Cuvier, with original remarks of collaborators within brackets.

[1840]. Le règne animal distribué d'après son organisation. (IV:) Les poissons. 2 tomes. Avec 120 planches coloriées. Paris.

The fourth volume [probably] of the 'Disciples Edition' by A. Valenciennes, separately issued.

[**CUVIER**, G. L. C. F. D., *Baron (contd.)*]

1841-5. Histoire des sciences naturelles, depuis leur origine jusqu'à nos jours. 5 vols. 8vo. Paris. Vols. 3-4: Commencée au Collège de France par Georges Cuvier, complétée par M. Magdaleine de Saint-Agy.

1844. Classified Index and Synopsis. 8vo. London. The appendix, separately issued and dated, to the 1827-35 edition.

1845. Briefe an C. H. Pfaff aus den Jahren 1788 bis 1792, naturhistorischen, politischen und literarischen Inhalts; nebst einer biographischen Notiz über G. Cuvier von C. H. Pfaff. 8vo. pp. 16+310. portr. 6 col. pl. Kiel.

1849. The animal kingdom arranged after its organization, forming a natural history of animals, and an introduction to comparative anatomy; tr. [from the Fr.] and adapted to the present state of science. New ed., with additions by W. B. Carpenter and J. O. Westwood. 4to. pp. 10+718. illust. pl. London.

Several reprints of this edition were issued at various dates by various publishers.

1849. The Animal Kingdom, etc. 300 wood and 34 steel engr. London.

A reissue of the last work by a different publisher.

1851. The animal kingdom, etc. 8vo. pp. 10+718. front. (col.). 32 pl. (28 col.). 381 figs. T. of c. append. 3 indexes. London.

Another printing of the 1840 edition, by Carpenter and Westwood.

1863. The animal kingdom, arranged after its organization, etc. 4to. pp. 22+706. illust. pl. London.

Still another printing of Carpenter and Westwood's translation, 1840.

CYMMRODORION SOCIETY. (THOS. PENNANT.)

1766. The British Zoology. Class I. Quadrupeds. II. Birds, etc. folio. pp. 10+162+4. 132 col. pl. London.

This society, founded in 1751, published Pennant's treatise, first the main work, with nine colored plates of mammals and 92 of birds, the remainder appearing as an Appendix. See PENNANT, THOS.

CYRILLUS, THESSALONENSIS.

ca. 1475. Speculum sapientiae. Basel.

An early incunabulum with natural history interest.

CZYNK, EDWARD [1851-99].

1897. Das Auerwild, seine Jagd, Hege und Pflege. 8vo. pp. [4]+162. 41 illust. 3 double pl. T. of c. Neudamm.

A complete account of the Black Cock as found in Middle and South Europe.

D****, Madame.

1813. Cabinet du petit naturaliste. 12mo. pp. 220. illust. pl.

A child's natural history of little scientific interest but a very rare item—not in most libraries.

DABBENE, R.

1912. Contribuciones à la ornitologia del Paraguay. Notas sobre las Aves coll. en Villa Rica per F. Posmer. 4to. pp. 108.

DADAY, E. VON J. See BUDAPEST, 1900.

DAGLISH, ERIC FITCH [1894-].

1925. Woodcuts of [20] British birds; with descriptions by the artist. 4to. pp. 165. 20 pl. T. of c. London.

The above is the first edition; another was published shortly after.

1928-9. Animals in black and white. 6 vols. 8vo. illust. New York.

CONTENTS. Vol. 1. The larger beasts. 2. The smaller beasts. 3. The larger birds. 4. The smaller birds. 5. Reptiles. 6. Fishes and sea animals.

A popular but accurate account of many interesting species of world fauna.

DAHL, CARL FRIEDRICH THEODOR [1856-].

1912. Leitfaden zum Bestimmen der Vögel Mittel-Europas, ihrer Jugendkleider und ihrer Nester, nach leicht und sicher erkennbaren Merkmalen. 8vo. pp. 162. 55 figs. in text. T. of c. index. Berlin.

Chiefly a memoir on the birds inhabiting Central Europe, including a description of the species with their nests.

1925-9. Die Tierwelt Deutschlands und der angrenzenden Meeresteile nach ihren Merkmalen und nach ihrer Lebensweise. 16 vols. 4to. illust. Jena.

A voluminous treatise on the fauna of Northern and Central Europe.

n.d. Die biokonotische Stellung der Vögel. 4to. pp. 9. 6 figs. in text. ('Nerthus', illustrierte Zeitschrift für volkstümliche Naturkunde.)

A study of the reptilian and intermediate ancestors of birds. One of a series of separates from a rare periodical. From Professor Reichenow's library.

DAHL, SVEND [1887-].

1910. Bibliotheca zoologica Danica 1876-1906; Fortegnelse over Danmarks Zoologiske Literatur 1876-1906. 8vo. pp. 22+262. København.

A valuable bibliography of Scandinavian zoology.

DAHLGREN, ULRIC [1870-] and **KEPNER**, W. A.

1928. A text-book of the principles of animal histology. 8vo. pp. 14+515. illust. New York.

DAKIN, WILLIAM JOHN [1883-].

1927. The elements of general zoology; a guide to the study of animal biology. 8vo. pp. xvi+496. 252 figs. T. of c. append. index. London.

The author adopts an unusual method of approach to the subject, and refutes the statement that zoology does not readily lend itself to experiment. References to birds are numerous.

D'ALBERTIS, LUIGI MARIA [1841-].

1881. New Guinea; what I did and what I saw. 2nd ed. 2 vols. num. pl. (4 col. birds). London.

DALGLIESH, GORDON.

1907. Familiar Indian birds. 8vo. pp. 8+69. figs. in text. London.

A popular little book with a pleasing account of common Indian birds.

DALL, WILLIAM HEALEY [1845-1921] and **BANNISTER**, H. M.

1867-9. List of the birds of Alaska, with biographical notes. 4to. pp. 267-324. pl. (col.) XXVII-XXXIV. 1 fig. [Chicago.]

A photostat copy from the *Transactions of the Chicago Academy of Sciences*, 1, pp. 267-324. One of the rarest works on American

1930. Life story of birds. 8vo. 236p. U.Y. (copy No. 367, signed by author).

1931. Life story of beasts. 8vo. xii, 223p. London.

1500. Speculum Sapientiae. ^{8vo.} 72 ff. illust. 8vo. Printed by Jean Petit. Paris. [Jacobus & Weil, Rom 1500].
Theophrastus Thessalonensis. Only other known copy is in the Br. Mus. Feb., 1832. Very early work on animal stories. (q. the last)

Labbeus, R. 1910. Ornitologia Argentina. Catalogo de las Aves de la Rep. Argentina.
v. 1.

->> Dampier - Whetton, W. C. D. See Whetton, W. C. D. Dampier -

-> Dene, R. 1921. Spots in Asia and Africa. X + 234 pp. 22 pls.
portrait. London and New York.

<1699. New Voyage Round the World, America, both continents, South Seas, etc. illustrated.
20. 800. original copy.

ornithology. Not over 50 copies with title were issued, and of these more than half were destroyed by the Great Fire in 1870. The colored plates drawn by Edwin Sheppard are very fine, most of them contributed by citizens of Chicago.

1870. *Alaska and its Resources.* Boston.

1874. Notes on the avifauna of the Aleutian Islands, especially those west of Unalaska. 8vo. pp. 12. n.p. From the *Proceedings of the Cal. Acad. Sci.*; printed in advance March 14th, 1874. San Francisco.

Observations made during the season of 1873, on board the United States Coast Survey cutter 'Yukon', engaged in surveys among the Aleutian Islands. The annotated list embraces 45 species.

1915. *Biography of Spencer F. Baird, etc.* See BAIRD, S. F. Phila.

DALLAS, WILLIAM SWEETLAND [1824-90].

1856. A natural history of the animal kingdom; being a systematic and popular description of the habits, structure, and classification of animals, from the lowest to the highest forms. Arranged according to their organization. 4to. pp. 817. col. front. illust.

Reissue, with new t.-p., of a portion of vols. 2 and 3 of *Organic nature*, the 3rd and 6th volumes of *Orr's Circle of the sciences*, 1854-6.

1857. Zoology; being a systematic account of the general structure, habits, instincts, and uses of the principal families of the animal kingdom. See also CARPENTER, W. B.

1860. A natural history of the animal kingdom. 8vo. pp. [2]+818. illust. London.

1867. Pterylography. See NITZSCH, CHRISTIAN LUDWIG.

**** and others.

[1868]. The museum of natural history; being a popular account of the . . . various departments of the Animal kingdom. See RICHARDSON, Sir J.

n.d. Short studies from nature by various authors. 8vo. pp. vi+336. front. (col.). 48 figs. T. of c. index. London.

A series of studies in Zoology, one of which is entitled 'Birds of passage', with three figures in the text.

DALTON-BURGESS, M. A.

1926. Catalogue of birds in the aviary of the late Mrs. M. A. Dalton-Burgess, Clifton. 4to. pp. 8. illust. front. Bristol.

A valuable list, since it gives not only the systematic but the dealers' names for the numerous birds—mostly Psittaci—in one of the largest and best-known private aviaries in England.

DAMIRI.

1868. *Hayatu'l-haywan.* A zoological encyclopedia in Arabic. 2 vols. in 1. folio. n.p. num. marginal and textual cuts. lithog. Tehran, Persia.

A fine and rare copy of the medieval original, which has been translated into several languages including English; most editions are in the Blacker Library.

DAMPIER, WILLIAM [1652-1715].

1697. A new voyage round the world, describing particularly, the isthmus of America, etc. Illust. 12mo. pp. vi+550. front. (map fold.). 4 maps (3 fold.). T. of c. London.

The *editio princeps* of at least eight editions of these famous voyages, most of which are listed in this Catalogue. There are many references to birds scattered throughout the volume but no illustrations (as in the Masfield's edition). The volume is rare; no copy in the *Cat. Br. Mus. (Nat. His.)*.

1703-5. A new Voyage round the World. 5th ed. Voyages and Descriptions: Supplement to the Voyage round the World, etc. 2 vols. 8vo. general index.

Editio altera, with the supplements, of this celebrated treatise. It is one of the scarce printings.

1780. The Voyages, 1680-1705, of Capt. Dampier. Edited by J. H. Moore. (Wanting.)

One of the best accounts of the naturalist's numerous expeditions.

1906. Dampier's Voyages. Consisting of a New voyage round the world, a supplement to the Voyage round the world, Two voyages to Campeachy; a Discourse of winds, a Voyage to New Holland, and a Vindication, in answer to the chimerical relation of William Funnell. Edited by John Masfield. 2 vols. 8vo. Vol. I, pp. ix+(1)+611+(1). front. (portr.). 5 maps (fold.). T. of c. Vol. II, pp. vii+(1)+623+(1). 15 pl. 6 maps (fold.). T. of c. 2 indexes. London.

Probably the most complete of all the editions. The text used for the *New Voyage round the World* (1679-91), etc., is that of the sixth edition, and for the *Voyage to New Holland* that of the edition of 1729. Both volumes abound with references to birds. The four plates contain 10 illustrations of the most curious species.

1927. A new voyage round the world, with an introduction by Sir Albert Gray. pp. xxxvii+376. illust. (incl. facsims.). portr. maps (part fold.). London.

With reproductions of title-pages of the 1st and 7th editions. Edited by N. M. Penzer.

DANA, JAMES DWIGHT [1813-95].

1863-4. I. On parallel relations of the classes of vertebrates, and on some characteristics of the reptilian birds. II. The classification of animals based on the principle of cephalization [1]-3. III. Note on the position of amphibians among the classes of vertebrates. 3 vols. in 1. 8vo. illust. New Haven.

Autographed copy of valuable contributions to vertebrate zoology by this celebrated geologist. The present volume is rare.

DANCUS (Supposititious King of India).

1874. *Libro delle nature degli uccelli fatto per lo re Danchi* [and tr. from the Lat.] Testo antico Toscano messo in luce da Francesco Zambrini. pp. 34+[2]+71. illust. (Scelta di curiosità letterarie inedite o rare dal secolo XIII al XVII.) Bologna.

A scarce and curious work.

DANDO, W. P.

n.d. *Wild Animals and the Camera.* pl. London.

n.d. *More Wild Animals and the Camera.* pl. New York.

DANFORD, C. G.

1889. Notes on sport and ornithology by . . . Prince Rudolf of Austria. Translated . . . by C. G. Danford. See RUDOLF, F. K. J.

DANIEL, JOHN FRANKLIN [1873-].

1928. The elasmobranch fishes. 4to. pp. 12+332. illust. pl. Berkeley.

DANIELL, WILLIAM [1769-1837].

[1809]. Interesting Selections from Animated Nature, etc. 2 vols. folio. 120 pl. with descriptive letterpress. London.

This work is described in the title as furnishing 58 additional illustrations to Wood's *Zoography*.

DANIELSSEN, D. C.

1883. See KOREN, JOHAN.

DANMARKS FAUNA.1907-28. Illustrerede Haandbøger over den Danske Dyreverden, udg. af Naturhistorisk Forening. 8vo. *illust.* Nos. 1-32. *Copenhagen.*

A popular but reliable serial description of the faunal life of Denmark, published under the auspices of the local Natural History Society. To date 32 numbers have been issued.

DANNEMANN, F.

1921. Plinius und seine Naturgeschichte, etc.

*Jena.***DANSKE-FUGLE** [bi-annual Organ for]
DANSK ORNITHOLOGISK CENTRAL
VED P. SKOVGAARD.1920-date. 8vo. *illust.**Viborg.*

This small but promising journal is devoted to a study of (in particular) the birds of Denmark.

DANSKE VIDENSKABERNES SELSKAB.*Copenhagen.*

1917-date. Biologiske meddelelser.

1824-46. Selskabs Skrifter. (Naturvidenskabelig.) Series 4.

1849-80. Selskabs Skrifter. (Naturvidenskabelig.) Series 5.

1880-1904. Selskabs Skrifter. (Naturvidenskabelig.) Series 6.

1904-14/15. Selskabs Skrifter. (Naturvidenskabelig.) Series 7.

1915/17-date. Selskabs Skrifter. (Naturvidenskabelig.) Series 8.

1814-date. Oversigt over . . . forhandlinger.

DANSK NATURHISTORISK FORENING.*Copenhagen.*

1849-date. Videnskabelige.

1849-1912 as Naturhist. Forening i Kjöbenhavn.

DANSK ORNITHOLOGISK FORENING.*Copenhagen.*

1906-date. Tidsskrift. Quarterly.

The *Tidsskrift* is the principal ornithological journal published in Denmark. It is not only the organ of the Danish Ornithological Society (whose proceedings are regularly reported in its pages) but it as regularly prints valuable articles not only on avian life in general but on Scandinavian ornithology in particular. Although it is not the purpose of this catalogue to refer to specific essays in the periodicals noted yet an exception may be made to the admirable, illustrated papers in the *Tidsskrift* on Prehistoric Birds by Gerhard Heilmann. Other writers of importance have, with the Editor, also furnished noteworthy articles—A. Hagerup, P. Jespersen, P. Skovgaard, C. A. Rasmussen, E. Lehn Schjoler, J. Ferdinand, S. M. Saxtorph, R. J. Olsen, and a number of others.**DANZIG. Naturforschende Gesellschaft.**

1746-56. Versuche und Abhandlungen. 1-3 (all pub.).

1778. Neue Versammlungen.

1820-62. Neuste Schriften, continued as

1863-date. Schriften. Neue Folge.

D'ARENBERG, Prince E.

1922. Les Passeraux, etc. pp. 156. 17 col. pl.

*Paris.***DARESSY, G.** See GAILLARD, C. La Faune, etc., 1905.**DARLUC, MICHEL** [1717-83].1782-6. Avignon; Histoire naturelle de la Provence. 3 vols. 8vo. *Avignon.***DARMSTADT. Naturhistorischer Verein fuer . . . Hessen und Umgebung.**

1847-8. Verhandlungen. 1-2 (all pub.).

DARWIN, CHARLES ROBERT [1809-82].1839. Narrative of the surveying voyages of H.M.S. Adventure and Beagle between . . . 1826 and 1836. Philip King and others. 3 vols. in 4. 8vo. *illust.* *London.*

One of the earliest publications relating to these famous Voyages, epochal accounts that have passed through many editions and have been translated into many foreign languages.

1839-43. The zoology of the voyage of H.M.S. Beagle, under the command of Captain Fitzroy, during the years 1832 to 1836. 5 vols. in 3. folio. *pl.* *London.*Fine copy of this work (edited by Charles Darwin) so well known to naturalists and so necessary to all students of vertebrate zoology. A complete table of contents is given under *Zoology of the Voyage*, etc. (q.v.).**** and **WALLACE, ALFRED.**1858. On the Tendency of Species to form Varieties, etc. 8vo. *London.*A celebrated treatise, forerunner of the *Origin of Species*. See also WALLACE, ALFRED R., 1858.1859. On the Origin of Species by means of natural selection. 8vo. pp. 10+502. 1 pl. *London.*

This copy (very rare) is the first impression of the first edition in which the story of the bear (p. 184), afterwards suppressed, is given. The various libraries of McGill have on their shelves most of the numerous editions and translations of this famous work.

1859. On the origin of species by means of natural selection. 8vo. pp. 10+502. pl. *London.*

The (so-called) first edition. Both the first impression and the first edition are now quite rare.

1859. Journal of researches into the natural history and geology of the countries visited during the voyage of H.M.S. Beagle round the world, under the command of Capt. Fitzroy. 2 vols. 8vo. Vol. I, pp. vii+(1)+351. 6 figs. T. of c. Vol. II, pp. 5+(1)+7-324. 15 figs. T. of c. *index.* *New York.*

A popular account of the voyage of the 'Beagle', in which references to birds occur frequently.

1868. The Variation of Animals and Plants under Domestication. 2 vols. 8vo. *illust.* *London.*

An exceedingly interesting and well-known treatise by the great naturalist. A second edition appeared in 1875.

1871. The descent of man, and selection in relation to sex. 2 vols. *illust.* *London.*

First edition of this much debated work.

1872. Expression of the emotions in man and animals. With photographic and other illustrations. 12mo. pp. vi+374. 7 pl. (3 fold.). 21 figs. T. of c. *index.* *London.*

First printing of this classic whose title sufficiently explains its contents. References to birds occur throughout the volume, especially to sheldrakes, flamingos, kingfishers, kagus, fowls, chickens, and the secretary bird.

1873. The expression of the emotions in man and animals. . . . With photographic and other illustrations. 8vo. pp. v+374. 7 pl. (2 fold.). 21 figs. T. of c. *index.* *New York.*

The American edition of the original published in London.

Dautzenberg see Oberkauf 8/T/1

++7 D'arcussia, Charles. Fauconnerie Paris. 1607. ^{Very} rare

↓
→ D'Arbusson, L. M. 1879. La fauconnerie au moyen age et dans les temps modernes. 8vo. pp. viii, 272. Paris.

→ Dautzenberg, 1910. Contr. à la faune malacol. de l'Afrique. 4 pl.
1906. Contr. à la faune malacol. de l'Indo-Chine. 3 pl.

1875. Voyage d'un naturaliste autour du monde ('Beagle').
1878. Journal of researches into the natural history and geology of the countries visited during the voyage of H.M.S. Beagle round the world. New ed. 8vo. pp. x+519. 19 figs. (5 of birds). *T. of c. index.* New York.
- The second edition of this work appeared in 1845 and was reissued with a postscript in 1860, and apparently again in 1878, the date of the present copy. The volume contains a condensed popular history of the voyage, with references to birds scattered throughout its pages. For a more detailed account of these the reader is referred to the larger publications on the zoology of the voyage, the account of the Aves being by John Gould. There are many subsequent editions of the present work under slightly different titles, one in 1888, another in 1897, and one with no date, but presumably published after the author's death in 1882.
1880. What Mr. Darwin saw . . . in the 'Beagle'. New York.
1887. Podróż naturalisty, etc. (Polish translation of the Voyage of the 'Beagle'). Warsaw.
1888. A naturalist's voyage. Journal of researches into the natural history and geology of the countries visited during the voyage of H.M.S. 'Beagle' round the world. Seventeenth thousand. 8vo. pp. x+519. 19 figs. (5 of birds). *T. of c. index.* London.
- Apparently a reissue of the 1860 and 1878 editions with altered title.
1888. Journal of Researches into the Natural History . . . of the Voyage of the 'Beagle'.
1893. Reise eines Naturforschers um die Welt. (Tr. by J. Carus.) 2nd ed. Stuttgart.
1897. A Naturalist's Voyage. Journal of researches into the natural history and geology of the countries visited during the voyage round the world of H.M.S. Beagle. With portrait. 8vo. pp. xii+500. 19 figs. (5 of birds). *T. of c. index.* London.
- Apparently another reissue of the 1860 and 1878 editions with an altered title.
1909. Darwin and modern science. See SEWARD, A. C., ed.
1910. British Museum Natural History Special Guide no. 4. Memorials of Charles Darwin to commemorate the 50th Anniversary of the publication of the 'Origin of Species'. London.
1912. Journal of Researches into the Natural History . . . of the Voyage of the 'Beagle', etc. New ed. 8vo.
1913. Journal of Researches, etc. Identical with the foregoing.
- n.d. Journal of researches into the natural history and geology of the countries visited during the voyage of H.M.S. 'Beagle' round the world; with a biographical introduction. 8vo. pp. 492. front. (portr.). 15 pl. 30 figs. *T. of c. index.* London.
- The text of this edition appears to be the same as that of the second (1845), embellished, however, with 16 full-page plates and many extra figures in the text.
- DARWIN, ERASMUS** [1731-1802].
1794-6. Zoonomia; or, the Laws of Organic Life. 2 vols. 4to. pl. London.
This is the celebrated forerunner of Darwinism, fully annotated elsewhere in this INTRODUCTION.
1796. Zoonomia, or, The laws of organic life. 2nd ed. corr. 2 vols. London.
- DARWIN, FRANCIS** [1848-?1923].
1922. A naturalist's calendar kept at Swaffham Bulbeck, Cambridgeshire, by Leonard Blomefield. . . . 2nd ed. Edited by F. Darwin. See BLOMEFIELD, originally JENYNS, Rev. L.
- DAUBENTON, EDMÉ LOUIS** [1732-85].
1771-86. Histoire naturelle des oiseaux. [Edition with the 'Planches enluminées' drawn by Martinet under the supervision of E. L. Daubenton.] See BUFFON, G. L. L.
1874. See BODDAERT, P.
- DAUBENTON, LOUIS JEAN MARIE** [1716-99].
1749-1804. See BUFFON and others, 1749-1804.
1776. Collection d'Oiseaux Natifs . . . de Papillons, etc. folio. Nuernberg.
1782-1832. See ENCYCLOPÉDIE MÉTHODIQUE.
- DAUBENY, CHARLES GILES BRIDLE** [1795-1867] and others.
1869. Fugitive Poems connected with Natural History, etc. 12mo. Oxford.
- DAUDIN, FRANÇOIS MARIE** [1774-1804].
1800. An VIII. Traité élémentaire et complet d'ornithologie, ou Histoire naturelle des oiseaux. 2 vols. 4to. 29 col. pl. *T. of c. indexes.* Vol. I, pp. 474. 8 col. pl. Vol. II, pp. 473+1. 21 col. pl. Paris.
This is the edition with the plates colored, and in this state is a scarce item. It is a fine example of ornithologic book-making and reflects credit on the literary and scientific qualities of the First French Republic. The author acknowledges his indebtedness to 'Citoyens Cuvier, Duméril et Dufresne' for a part of his text and illustrations. From the library of Kirke Swann who has made a number of autograph notes.
[1801-4]. An X-XIII. Histoire Naturelle générale . . . des Reptiles—suite de Buffon (Sonnini). 8 vols. Paris.
- DAUDIN, HENRI.**
1926. Cuvier et Lamarck. Les classes zoologiques etc. (1790-1830). 2 vols. 8vo. Paris.
A most useful treatise on notable men and their work in zoology and its literature.
[1926]. De Linné à Jussieu, etc. 8vo. Paris.
- DAULTON, Mrs. A. W.**
1903. Wings and Stings. (Wanting.)
- DAVENPORT ACADEMY OF SCIENCES.** Davenporti.
1867/76-date. Proceedings.
1867-1902 as Proceedings of Davenport Academy of Natural Sciences.
- DAVID, ARMAND, Abbé** [1826-] and **OUSTALLET, ÉMILE.**
1877. Les oiseaux de la Chine. 2 vols. 4to. Vol. I, Text. pp. vii+1+573. index. Vol. II, Atlas. pp. vi. 124 col. pl. *T. of c.* Paris.
Probably the most important systematic monograph yet written on the birds of China. The work treats of 807 species, illustrated by a collection of fine colored plates that greatly assist a study of the subject.

DAVIE, OLIVER.

1889. Nests and eggs of North American birds. 3rd ed., revised and augmented. Introduction by J. Parker Norris. Illustrations by Theodore Jasper . . . and W. Otto Emerson. 8vo. pp. (10) + 455 + (1) + xii. front. 12 pl. append. index.

Columbus.

One of the earliest works on North American oology, containing descriptions of the nests, eggs, and nesting habits of the birds of the country. The original edition (1885) was issued under a somewhat different title, 'An Egg Check-list of North American birds', and in a much more abbreviated form. A fourth edition with a slight alteration in the title-page only, appeared the same year.

1889. Nests and eggs of North American birds. 4th ed. pp. (10) + 455. front. 12 pl. append. index.

Columbus.

This edition apparently differs only from that of the third 1889 in the deletion of the words 'revised and augmented'. A fifth edition, revised, augmented, and illustrated, was issued in 1898, with a second impression in 1900, published in Philadelphia, which differs in the title-page and number of illustrations from the former.

1894. Methods in the art of taxidermy. Ninety full-page engravings chiefly drawn by Theodore Jasper. 8vo. pp. xiv + 150. front. 89 pl. T. of c. index.

Columbus.

A manual illustrating the various modes of procedure in taxidermy. The portions devoted to the skinning and mounting of birds are chapters IV-VIII, pp. 39-78, with illustrations plates X-XLIII. A list of subscribers is given at the end of the volume, pp. 1-xiii.

1898. Nests and eggs of North American birds. 5th ed., revised, augmented, and illustrated.

Columbus.

[c. 1900]. Nests and eggs of North American birds. With a chapter on ornithological and oological collecting. 5th ed. 8vo. pp. (8) + 509 + (1) + 18 + xxi. front. 5 pl. 268 figs. append. index.

Phila.

A second impression of the 1889 edition. The text is the same in both editions, differences occurring in the title-page, frontispiece, and number of illustrations. It is in two parts: (1) Nests and eggs of North American birds, (2) Ornithological and Oological collecting, with five plates illustrating avian taxidermy.

DAVIES, A. M. and WELLS, H. G.

1923. Text-book of zoology. 6th ed. rev. by J. T. Cunningham. See WELLS, H. G.

DAVIES, G. CHRISTOPHER.

1890. The natural history of Selborne. See WHITE, GILBERT, 1890.

DAVIES, JAMES BOYD.

1858. The practical naturalist's guide, containing instructions for collecting, preparing, and preserving specimens in all departments of zoology. 8vo. pp. iv + 82. 10 figs. T. of c. index. Edinburgh.

DAVIES, WILLIAM [1814-91].

1874. Catalogue of the Pleistocene vertebrata . . . in the collection of Sir A. Brady, by W. Davies, with an introd. by Sir A. Brady. 8vo. pp. 27 + 74. 1 pl. figs. in text. See also BRADY, A., 1874. London.

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DAVIS, JAMES RICHARD AINSWORTH [1861-].

1893. An elementary text-book of biology. 2nd ed. 2 vols. 8vo. Vol. I, pp. xii + 287. 128 figs. T. of c. glossary. index. Vol. II, pp. xii + 405. 108 figs. T. of c. glossary. index. London.

1903-4. The natural history of animals: the animal life of the world in its various aspects and

relations. 4 vols. in 8. 8vo. pp. cxiv + 1,957. 63 pl. (32 col.). 1,957 figs. T. of c. glossary. index.

London.

This excellent, well-illustrated work instead of treating the various animal groups seriatim, aims at bringing out the complex interrelations between the different groups, the interdependence of animals and plants, and the bearing upon life of chemical and physical conditions.

DAVIS, JAMES WILLIAM [1846-93].

1887. The fossil fishes of the chalk of Mount Lebanon, in Syria. 4to. pp. 180. pl. Ex. from Royal Dublin Society. Scientific transactions, vol. 3, Ser. 2. Dublin.

DAVIS, MILES AVERY [1843-1915?].

1916. Bird poems. 16mo. pp. 37. New York.

DAVIS, WILLIAM J.

1907. The birds of Kent. 8vo. pp. iv + 298. 1 pl. 1 map. Dartford.

DAVY, JOHN [1790-1868].

1821. An account of the interior of Ceylon, etc. 4to. pp. viii + 530. London.

This is the first English work dealing with the civil and religious history of Ceylon, its natural history, and the customs of its inhabitants, since Captain Robert Knox's *History* published a hundred and forty years previously.

DAWSON, CHARLES B.

1916. Hand-list of the birds of British Guiana, with some account of their habits and affinities. Published under the auspices of the Museum Committee of the Royal Agricultural and Commercial Society, Georgetown. 8vo. pp. (2) + 72. Georgetown.

A series of articles giving a brief, general description of all the Classes, Orders, Families, and Genera of the birds of the colony with a short account of their habits, characteristics, and affinities. The list of the Colony birds has been compiled from the Hand-list of the British Museum 1899-1912. The tractate is rare; not listed in the *Cat. Br. Mus. (Nat. Hist.)*.

DAWSON, GEORGE MERCER [1849-?1921].

1875. British North American Boundary Commission. Report on the Geology and resources of the region in the vicinity of the forty-ninth parallel, from the Lake of the Woods to the Rocky Mountains. With lists of plants and animals collected, and notes on the fossils. 8vo. pp. xii + 387. front. (col. map, fold.). 18 pl. 2 maps (col. fold.). T. of c. 6 append. index. Montreal.

Notes referring to birds will be found on pp. 279-83, and consist principally of dates of arrival of the birds at Dufferin in the spring of 1874.

DAWSON, Sir JOHN WILLIAM [1820-99].

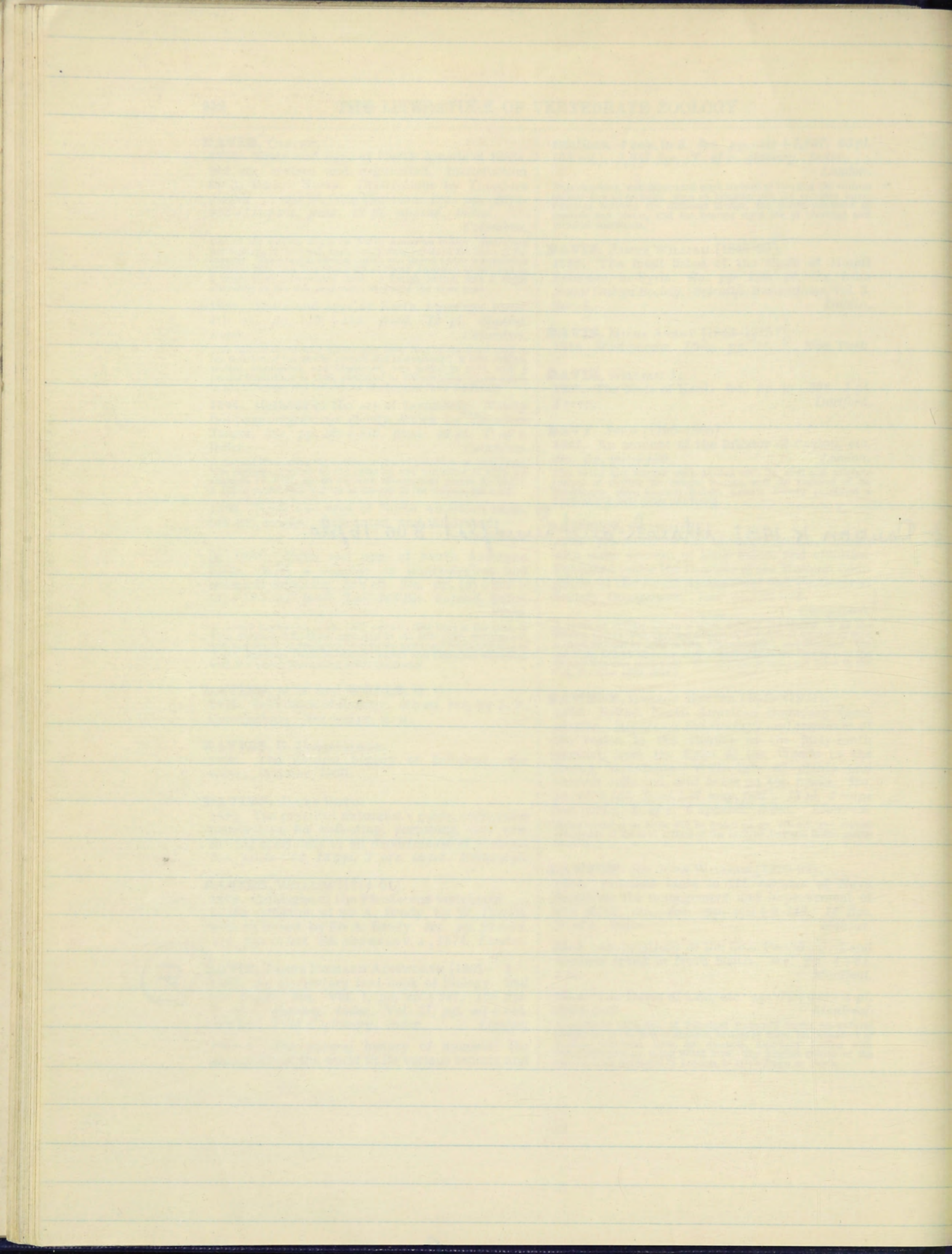
1854. Practical hints to the farmers of Nova Scotia on the management and improvement of live stock, etc. 8vo. pp. viii + 9-148. 12 figs. T. of c. index. Halifax.

1863. Air-breathers of the Coal Period . . . Land Animals found in Nova Scotia. 8vo. pp. 4 + 81. 7 pl. Montreal.

1875. The Dawn of Life, etc. pp. 12 + 239. 8 pl. illustr. text. Montreal.

A complete collection of Principal Dawson's works on natural history are in the McGill libraries, several of them, his *Handbook of Zoology*, Montreal, 1886, for example, especially dealing with vertebrate zoology, being noted here. The English edition of the present title, published in London, is *Life's Dawn on Earth*.

- Dawson, K. 1931. Marsh and mudflat. 8 vo. 16 pls.



1884. Hand-book for the Dominion of Canada, prepared for the Meeting of Br. Ass. A. S. at Montreal. *8vo.* pp. 12+335. 2 maps (1 col.).

Montreal.

The natural history of Canada, especially its geology, is included.

1886. Handbook of Zoology, with examples from Canadian species, recent and fossil. 3rd ed. *12mo.* pp. 8+304. figs. in text. Montreal.

A popular manual of which the present edition is said to be the best.

1888. Specimens of *Eozoon canadense* and their geological and other relations. *8vo.* From McGill University Publications.

DAWSON, WILLIAM LEON [1873-?1926].

1903. The birds of Ohio; a complete scientific and popular description of the 320 species of birds found in the state. Color-photography, and more than 200 original half-tones, showing the favorite haunts of the birds, flocking, feeding, nesting, etc., from photographs taken by the author and others. 2 vols. *8vo.* Vol. 1, pp. *xlviii*+368. front. 41 pl. (col.). 155 figs. (1 diagr.). *T. of c.* Vol. 2, pp. (4)+369-671. front. (col.). 38 pl. (col.). 57 figs. 3 append. index. Columbus.

A popular but excellent and systematic treatise.

****. **BOWLES, JOHN HOOPER, and others.**

1909. The birds of Washington; a complete scientific and popular account of the 372 species of birds found in the state. 2 vols. *8vo.* Vol. 1, pp. (6)+*xv*+(3)+458. front. 8 pl. (col.). 167 half-tones. *T. of c.* Vol. 2, pp. (6)+111+(3)+459-997. front. 4 pl. (col.). 192 half-tones. *T. of c.* index. Seattle.

A popular account of the birds of the State, with scientific and vernacular names, recognition marks, nesting data, and full notes on habits, etc. A supplementary chapter on 'Analytical Keys' by Lynds Jones, and a 'British Columbia Supplement with annotations' by Allan Brooks follow. The present set forms copy No. 29 of the Author's Edition (autographed).

1921. The birds of California. A complete, Scientific and Popular account of the 580 Species and Sub-species of Birds found in the State. 16 Photogravures, 4 full-page Photographs and more than 1,000 half-tone cuts from photographs, chiefly by Donald R. Dickey, Wright M. Pierce and the author. Together with 30 drawings in the text and a series of 48 full-page color plates chiefly by Maj. Allan Brooks. Booklovers edition. 4 vols. *4to.* Part I, pp. 64. 4 pl. (col.). 32 figs. Part II, pp. 65-128. 4 pl. (2 col.). 27 figs. San Francisco.

A profusely illustrated account of the birds of California with description of range, nesting, and distribution, etc. The work was issued in a variety of editions, one, sumptuously bound with several of Allan Brooks' original drawings.

1923. The birds of California. 2 vols. Los Angeles.

The present copy is of the Student's edition and has the same text as the 'Booklovers'. Attached to the first page of volume I is a photograph of Major Allan Brooks in his study.

1923. The birds of California; a complete, scientific and popular account of the 580 species and sub-species of birds found in the state; illust. . . . chiefly by D. R. Dickey [and others], together with 44 drawings in the text and a series of 110 full-page color plates, chiefly by Allan Brooks. Format de luxe, stockholders' ed. 4 vols. folio. (Wanting.) San Diego, Calif.

With several original drawings by Allan Brooks.

DAWSON-SCOTT, C. A. See RHYS, ERNEST, 1929.

DAY, FRANCIS [1829-89].

[1875]-[1888]. The Fishes of India . . . Burma and Ceylon, etc., with Supplement. Text and Atlas. 2 vols. *4to.* pp. *xx*+778-(816). text illust. atlas. 195 pl. London.

The recognized authority on Indian Fishes; contributed also to the *Fauna of British India*, 1889. See BLANFORD, W. T.

1878-91. See SCIENTIFIC RESULTS SECOND YARKAND MISSION, 1878-91.

1880-4. The Fishes of Great Britain and Ireland [a Natural History of those known to inhabit the Seas and fresh Waters of the British Isles, with their Economic Uses and Modes of Capture]. 2 vols. *8vo.* 179 lithog. pl. London and Edinburgh.

A most valuable, systematic treatise by a well-known, trained expert.

1889. One hundred and ninety-eight plates to illustrate Francis Day's work on the Fishes of India. *4to.* London.

These separately published plates have a page of descriptive letter-press.

1889. See BLANFORD, W. T., 1889.

DEAN, BASHFORD [1867-1928].

1895. Fishes, living and fossil. An outline of their forms and probable relationships. *8vo.* pp. *xiv*+300. front. illust. tables. diagr. (Columbia university biological series, III.) Bibliography, pp. 231-51. New York and London.

A valuable systematic treatise by a well-known ichthyologist.

**** and **EASTMAN, CHARLES ROCHESTER.**

1916-23. A bibliography of fishes, by Bashford Dean; enlarged and ed. by C. R. Eastman. (N.Y. American Museum of Nat. History.) 3 vols. *4to.* N.Y.

The most remarkable and complete work of its kind in any language. Every article and every treatise touching any relation of piscine life and its literature are listed and fully annotated. This monumental evaluation of the bibliography of fishes may well stand as a model for similar achievements in other departments of scientific endeavor.

DEARBORN, NED [1865-].

1893. The Death Valley expedition. A biological survey of parts of California, Nevada, Arizona, and Utah. Part II. (U.S. Dept. of agriculture. Division of ornithology and mammalogy. North American fauna, no. 7.) *8vo.* pp. 402. front. 14 pl. 2 figs. 5 maps (col., 1 fold.). *T. of c.* index. Washington.

A very important contribution to vertebrate zoology. A. K. Fisher gave the Report on birds; Leonhard Stejneger on reptiles; Charles H. Gilbert on fishes, and T. S. Palmer furnished a list of localities. 290 species and sub-species of birds are described.

1898. A preliminary list of the birds of Belknap and Merrimack Counties, New Hampshire.

Durham.

1903. Birds in their relations to man, &c. See WEED, C. M., 1924.

A third, revised edition was published in 1924.

DE BEER, GAVIN RYLANDS [1899-].

1928. Vertebrate zoology; an introduction to the comparative anatomy, embryology, and evolution of chordate animals, with an introd. by J. S. Huxley. *8vo.* pp. 20+505. illust. London.

DE BLAINVILLE, H. M. D. See BLAINVILLE, H. M. D.

→ **DÉCADES ZOOLOGIQUES** de la Mission Scientifique de l'Expédition en Indo-Chine: Oiseaux. Avec Introduction par L. Boutan. Hanoi, 1905-8. 9 fasc. 93 col. pl. (Wanting.)

DE CHAULIAC, GUY. See CAULIACO, GUIDO DE,

DECKEN, CARL CLAUS VON DER [1833-65]. 1869-79. Reisen in Ost Afrika in 1859-61, etc. 4 vols. 4to. illust. Leipzig and Heidelberg.

This well-known collection of scientific travelogues depicts and describes the natural history of East Africa through the explorations not only of Baron von der Decken but also of the subsequent journeys of R. Brenner and T. Kinzelbach. All the sub-classes, mammalia, aves, pisces, reptilia, and amphibia, were investigated and described, the first and last by W. C. H. Peters, the birds by J. Cabanis, O. Finsch, and G. Hartlaub, and the freshwater fishes by E. von Martens.

→ **DEGLAND**, CÔME DAMIEN [d. 1856]. 1849. Ornithologie européenne; ou, Catalogue analytique et raisonné des oiseaux observés en Europe. 2 vols. in 1. 8vo. Vol. I, pp. (8)+632. T. of c. Vol. II, pp. (2)+540. T. of c. Paris.

Diagnoses and descriptions of the species and higher groups of the birds of Europe with synonymies, etc. The work is full of errors and was criticized by Bonaparte in his *Revue Critique de l'Ornithologie Européenne de M. le Docteur Degland (de Lille)*, 1850. A second edition was published by Z. Gerbe in 1867 in which some of the errors of the first edition are corrected but others are unnoticed.

1850. *Revue critique de l'ornithologie européenne de M. Degland . . . Lettre, &c.* See BONAPARTE, C. L. J. L.

**** and **GERBE**, Z. 1867. Ornithologie européenne, ou catalogue descriptif, analytique et raisonné des oiseaux observés en Europe. 2^e ed. entièrement refondue. 2 vols. 8vo. T. of c. index. Vol. I, pp. xxx+610. T. of c. Vol. II, pp. xv+637. T. of c. general index. Paris.

A valuable contribution to a study of European birds with their synonymy, diagnosis, distribution, and habits. This second edition of the earlier (1849) work was edited, amended, and corrected by Gerbe after the death of Degland. It is unfortunate that neither of these printings is illustrated. There is also a supplement (1912) published by É. L. Trouessart, with the title *Catalogue des Oiseaux d'Europe* (q.v.).

1912. Catalogue des Oiseaux d'Europe, pour servir de complément et de supplément à l'ornithologie européenne, de Degland et Gerbe (1867). See TROUSSERT, É. L.

There is also an Atlas, Vol. I and Appendix, published by D. Solomirsky, Stockholm, 1914-15.

DEGREAU, LAURENT. 1871. Études Ornithologiques, etc. 8vo. (Wanting.) Paris.

DEHAUT, E. G. 1911-15. Matériaux pour servir à l'histoire zoologique et paléontologique des îles de Corse et de Sardaigne. pts. 1-4 in 1 vol. folio. pl. Paris.

1920. Contributions à l'étude de la Vie vertébrés, etc. 8vo. Paris.

DE KAY, CHARLES [1848-?1920]. [1898]. Bird gods, with an accompaniment of decorations by George Wharton Edwards. 8vo. pp. xix+(5)+249. 53 figs. T. of c. index. New York.

Studies in mythology to show the influence of birds and beasts on prehistoric religions. Attached is an autographed letter from the author to Ernest Ingersoll, dated Nov. 30, 1898.

DE KAY, JAMES ELLSWORTH [1792-1851]. 1842-4. Zoology of New York, Part I. [6 vols. of Natural History of New York. 1842-94.] 4to. New York.

This author deals completely with N.Y. Zoology, Part I. The section devoted to the mammalia is part 1, pp. 13+146, 3 pls., 1842; part 2. Birds, pp. 12+380, 141 col. pl., 1843-4; part 3. Reptiles and Amphibia, pp. 6+98, 23 pl., 1842; part 4. Fishes, pp. 14+415, 79 pl. Altogether this forms the most elaborate of the American local faunal histories. The complete work is usually published in 20 vols.

→ **DELACOUR**, JEAN THEODORE [1890-] and **JABOUILLE**, PIERRE.

1925. Recherches ornithologiques dans la province de Quantri (centre Annam) et quelques autres régions de l'Indochine française, par Jean Delacour et Pierre Jabouille. 8vo. pp. xii+197. 28 pl. (9 col.). 1 fig. T. of c. bibliogr. Paris.

The new species noted had already been described in the *Bull. Brit. Orn. Club*, xlv, pp. 28-35, 1924.

1927. Les Gallinaces et les Pigeons de l'Annam. 8 pl.

1927. Recherches ornithologiques dans Tranninh (Laos), etc.

→ **DELAGE**, MARIE YVES [1854-1920] and **HÉROUARD**, EDGAR.

1896-8. Traité de zoologie concrète. 8 vols. 4to. illust. Paris.

→ **DELAMARRE DE MONCHAUX**, Comte.

1923. Les oiseaux chanteurs; principales espèces d'Europe. 12mo. pp. lxxiii+107. 174 text-figs. 96 col. pl. T. of c. index. (*Encyclopédie pratique du naturaliste*, IX.) Paris.

A semi-popular account of European song-birds, rather well-illustrated by colored and plain plates.

DELARBE, ANTOINE [1724-1811].

1797. Essai zoologique (Histoire Naturelle). 8vo. Clermont-Ferrand.

DELAWARE VALLEY ORNITHOLOGICAL CLUB OF PHILADELPHIA. See CASSINIA.

DELESSERT, ADOLPHE.

1843. Souvenir d'un Voyage dans l'Inde exécuté de 1834 à 1839. 2 parts in 1 vol. 8vo. col. illust. (Wanting.) Paris.

DE LEVENDE NATUUR.

1897-1926. Tijdschrift v. natuurliefhebbers, onder redact. Heimans and Thijsse. Années I-XXX. 4to. many pl. and figs. Amsterdam.

A popular and well-illustrated Dutch periodical, devoted to natural history.

→ **DELL**, J. A.

1925. Animals in the making; an introduction to the study of development. 12mo. pp. xii+115. 8 pl. 31 figs. T. of c. 2 append. London.

Chapters VIII and IX, pp. 71-93, are devoted to birds' eggs, and the development of birds, with excellent diagrams of the reproductive organs and embryo at various stages.

DEMAISON, ANDRÉ.

1930. Beasts called wild. illust. New York.

An interesting popular book on the many triumphs of a naturalist in securing the confidence of animals commonly regarded as untameable or as domesticated with difficulty.

DEMELL, R.

1918. Der Flug der Insekten und der Vögel. 5 pl. Jena.

De Brevans, G. 1878. La Migration des Oiseaux. 89 woodcuts, map. Paris.

De Knijf, P.H. 1926. Microbe Huntia. pp. 363.

Dedekind, 1898-1906. Ein Beitrag z. Purpurkunde. Bd. 1+2. 6 pls. Bd. 4, 1911.

Delacour J. and Tabouille, 1931. Les Oiseaux de l'Indochine Française. 4 to.

4 vols. Many figs in text. 67 col. pl. Pubd. by French Govt. (Expos. Coloniale Internationale)

Paris. Fine press of work donated to Dr. Casey Wood by the authors

1903. L'hérédité et les grands problèmes de la biologie générale. 2^d ed. roy. 8vo. 912 pp. Paris.

Delamain, Jacques. 1932. Les joies et les misères des oiseaux. Paris.

Deville, G. 1809. Les trois règnes de la nature. Avec des notes par Cuvier. 2 pts. 1 vol.

Dendy, Archib. ¹⁹¹⁹ Annual life & Human Progress. 120/p 1919 ←

→ 1760. Select Remains of the Learned John Ray... with his Life. 8vo. port. London.

8/t

→ Bennett, G. 1860. Gatherings of a naturalist in Australia. 8vo. col. pl.

DEMETRIUS CONSTANTINOPOLITANUS.

1562. De Cura et medicina accipitrum. Petro Gillio interprete. 12mo. pp. 527-662. in two chapters [libri].

A treatise on Hawks and Falconry. See AELIANUS, 1562. Another chapter, by the same author, 'De Cura et medicina canum', pp. 655-68, appears in the latter.

DEMIDOV, ANATOLE N., Prince of San Donato [1812-70].

1840-2. Voyage dans la Russie méridionale et la Crimée, etc. 6 vols. (2 col. atlas). 8vo and folio.

Paris.

Apart from fossil remains and 'observations sur la Faune Pontique', by A. de Nordmann, vertebrate zoology is not largely discussed in these excellent records of the natural history of Southern Russia.

DENDY, A.

1920. The System of Animate Nature. 2 vols. N.Y.

A popular work on biology.

DENHAM, DIXON [1786-1828] and CLAPPERTON, HUGH.

1826. Narrative of travels and discoveries in Northern and Central Africa, in the years 1822, 1823, and 1824. 4to. pp. xviii+335+(5)+269+(3). front. 36 pl. (1 col., 3 maps). 1 map (fold.). 14 figs. T. of c. 24 append. London.

The birds are described in the annotated list, appendix No. XXI, pp. 195-206. A second, 8vo, edition appeared the same year but without the natural history appendices.

DENISON UNIVERSITY, GRANVILLE, OHIO.

1885-date. Journal.

1885-1919, as Bulletin.

DENKER, ALFRED [1863-]

1907. Das Gehörorgan und die Sprechwerkzeuge der Papageien, eine vergleichend-anatomisch-physiologische Studie; mit Unterstützung der K. Bayerischen Akademie der Wissenschaften. Mit zehn Tafeln. folio. pp. (8)+49+(21). 10 pl. 3 figs. index. Wiesbaden.

The author finds that the internal ear of parrots is no better fitted for the perception of the sound of the human voice than is that of other birds; nor does the structure of the syrinx present any greater capacity for the reproduction of speech. The seat of parrot talk is the back of the throat, assisted by the muscles of the tongue, with its motor centre in the mesostriatum of the hemispheres.

DENMARK.

1883-1930. Ornithologische Beobachtungsstationen. Jahresbericht. Edited by C. F. Lütgen.

Copenhagen.

Published in German, English, and Danish, usually as 'separates', with title and (tinted) wrappers, and with the pagination of the periodical of which they form a part, with maps and plates, many colored.

This periodical, mostly extracts (with new pagination, title-page and covers) from the 'Videnskabelige . . . fra den Naturhistoriske Forening i Kjöbenhavn', is largely filled with descriptions and reports of birds observed during the year in various parts of Denmark and occasionally in Iceland, Greenland, and other northern countries. To each part a map is appended marking the localities in which the reported birds were seen.

Aarsberetning . . . 6-28 are unnumbered.

Ingolf-Expedition.

1899. 6 vols. 4to. illust.

Copenhagen

The reports (published in both English and Danish) furnish relatively few articles on vertebrate zoology.

DENNE, DAVID.

1895. Original sporting sketches. See WINTLE, E. D.

DENNIS, C. J.

[1922]. Mateship with birds; by A. H. Chisholm. With an introduction by C. J. Dennis, &c. See CHISHOLM, A. H.

DENNIS, ROBERT NATHANIEL [1817-92].

1925. Notes on Sussex ornithology; being extracts from [his] diaries (1845-1869); selected and ed. by W. H. Mullens and N. F. Ticehurst. 8vo. pp. 110. portr. London.

Mostly notes on the fauna of the neighborhood.

DENTON, SHERMAN FOOTE.

1889. Incidents of a collector's rambles in Australia, New Zealand, and New Guinea. 8vo. pp. ix+(1)+272. front. 14 pl. 42 figs. T. of c. Boston.

References to birds are numerous throughout the book, many specimens being collected.

DEPÉRET, CHARLES JEAN JULIEN [1854-?1930].

1907. Les Transformations du Monde animal. pp. 360. Paris.

A philosophic treatise, much of it devoted to vertebrate studies.

DERBY, Earl of.

1851. Catalogue of the Menagerie and Aviary at Knowsley. 4to. See STANLEY, E. S. Liverpool.

DERBYSHIRE NATURAL HISTORY AND ARCHAEOLOGICAL SOCIETY.

1879-98. Journal. Vols. 1-20. 8vo. illust. pl. diagr. facsim. tab. London.

DERHAM, WILLIAM [1657-]

1738. A natural history of birds. See ALBIN, E.

DESCOURTILZ, J. THÉODORE.

[1852]. Ornithologie Brésilienne; ou, Histoire des oiseaux du Brésil, remarquables par leur plumage, leur chant, ou leurs habitudes. folio. pp. 42. 48 pl. (col.). Rio de Janeiro.

A very important, fundamental, systematic treatise. It furnishes descriptions and colored figures of 164 species, including 15 new species and one new genus. According to Carus and Engelmann, and Coues, it was issued in four parts under dates of [1854-6], although the reverse of the title-page in this copy bears the date Londres, 1852. These same authorities also cite an edition in English, but without date. The Compiler has seen an almost identical copy in the original four parts dated Rio de Janeiro, 1875. The library of the Zoological Society has an English translation dated 1859.

DESCOURTILZ, MICHEL ÉTIENNE [1775-1835].

1809. Voyages d'un naturaliste, et ses observations. Faites sur les trois règnes de la nature, dans plusieurs ports de mer français, en Espagne, au continent de l'Amérique Septentrionale. 3 vols. 8vo. front. 17 col. pl. fold. tab. Paris.

Sabin describes a copy having 20 pl.; Leclerc, 22; Quérard, 45.

DESFONTAINES, RÉNÉ LOUICHE [1750-1833].

1880. Mémoire sur quelques nouvelles espèces d'oiseaux des côtes de Barbarie. 8vo. pp. 496-505. pl. x-xvi. (Rep. from *Histoire de l'Académie royale des sciences*, année 1787.) At head of title: The Willughby society. London.

Facsimile reprint of an important ornithological 'fundamental' with a preface by Alfred Newton.

DESMAREST, ANSELME GAËTAN [1784-1838]. 1782-1832. See ENCYCLOPÉDIE MÉTHODIQUE.

1805. An XIII. Histoire naturelle des tangares, des manakins et des todiers. folio. 72 col. pl. n.p. T. of c. Paris.

The eight preliminary pages of text fully explain the purpose of this atlas and descriptive account of the cotingas and their allies. It was originally issued in 12 parts, the arrangement of which, including the fine hand-colored plates, is given in the table at the end of the volume.

1820-2. Mammalogie. 2 vols. folio. (In *Tableau encyclopédique et méthodique* [vols. 6-7].) Vol. 2, plates. Paris.

1820-30. See VIEILLOT, A. J. P. and others.

DESMAREST, E. See CHENU, J. C. (1850)-80.

DESMOULINS, LOUIS ANTOINE [1794-1824].

1825. Anatomie des Systèmes Nerveux des Animaux, etc. Text. 2 parts. 8vo. Atlas. 4to. Paris.

DES MURS, MARC ATHANESE PARFAIT ŒILLET [1804-?78].

1842. Ova avium plurimarum. 8vo. pp. 24.

Paris.

1844-71. See GAY, CLAUDE.

1845-9. Iconographie ornithologique. Nouveau recueil général des planches peintes d'oiseaux, Pour servir de Suite et de Complément aux Planches Enluminées de Buffon, Éditions in-folio et in-4to de l'Imprimerie Royale, 1770, et aux planches coloriées de MM. Temminck et Laugier de Chartrouse, mêmes formats, accompagné d'un texte, critique et descriptif. Figures dessinées et peintes par Alphonse Prevost [1-24] et Oudard [25-72]. 12 livraisons; in each six plates with explanatory text. folio. 13+146 ll. Paris.

The parts were irregularly issued and there are several errors in their numbering. The purposes of these fine and important colored illustrations are fully set forth in the above title. The present volume has all the original wrappers bound in.

1847-51. [Birds of Abyssinia.] See VOYAGES, FRENCH. VOYAGE EN ABYSSINIE, 1845-51.

1850-9. See CASTELNAU, F. L.

1850-80. See CHENU, J. C.

1860. Traité général d'ologie ornithologique au point de vue de la classification. 4to. pp. 19+640. col. pict. wrappers. indexes. Paris.

An exhaustive and indispensable work on general ology, with an appended systematic catalogue of the birds after J. Verraux, an alphabetical list of authors cited, a bibliography, and a complete index of avian genera and species.

****, **CHENU**, J. C., and **VERRAUX**, J.

1862. Leçons élémentaires sur l'histoire naturelle des oiseaux. See CHENU, J. C.

1886-7. Musée ornithologique illustré; description des oiseaux d'Europe, de leurs œufs et de leurs nids. 4 vols. in 5. 4to. index. Vol. I. 1886. pp. xii+200. 80 col. pl. T. of c. index. Vol. II. 1886. pp. xi+1+176. 65 col. pl. T. of c. Vol. III. 1887. Pt. 1. pp. i-xv+1+200. 94 col. pl. T. of c. Vol. III. 1887. Pt. 2. pp. 4+201-315. 95-150 col. pl. index. Vol. IV. 1887. pp. viii+214. 50 col. pl. T. of c. general index. Paris.

A descriptive catalogue of the Birds of Europe with excellent plates of portraits, nests, and eggs, borrowed from the general treatises of Morris and Bree. The headings are French vernacular names of species. The text has been adversely criticized in *Ibis*.

DESOR, PIERRE JEAN ÉDOUARD [1811-82].

1858. Synopsis des échinides fossiles. 8vo. pp. 72 +490. atlas. 45 pl.

DESPOTT, GIUSEPPI.

1915. A list of the birds of Malta. 8vo. (Wanting.) Malta.

D'ESSLING, Prince. See MASSÉNA, A., 1846.

D'ESTERNO, M.

1864. Du vol des Oiseaux, indication des sept lois du vol ramé et des huit lois du vol à voile. 8vo. pp. 61. 35 figs. in text. 2 fold. pl. T. of c. Paris. A useful little treatise on bird flight and its applications to aviation. Not listed in the *Br. Mus. Cat. (Nat. Hist.)*.

DETMERS, E.

1912. Beitrag zur Kenntniss der Verbreitung der ... Brutvögel in Deutschland. 3 maps. Neudamm.

DETMOLD, EDWARD J. [1883-].

n.d. Twenty-four nature pictures, produced in facsimile. folio. 24 pl. (14x8 in.). with portfolio. [London.]

This excellent set of nature pictures (in color) depicts six of the smaller British mammals, and 18 birds. The issue consisted of first proofs limited to 500 sets of which the present one is No. 97. The size of the pictures averages about 14 by 8 inches.

DETMOLD. Naturfreund.

1924-date. See also NATURFREUND.

DEUTSCHE ACCLIMATISATION. Organ des Deutschen Vereins für Vogelzucht und Acclimatisation. Redigirt von Dr. Ant. Reichenow, Berlin, 1879-1908? (all pub.). See also ORNITHOLOGISCHES CENTRALBLATT.

Although its main title does not suggest it, this periodical is devoted almost entirely to the care, culture, and propagation of foreign bird life. It is, in effect, an offshoot of a larger journal edited by that accomplished ornithologist, A. Reichenow.

DEUTSCHE EXPEDITION IN DER NÖRDLICHE EISMERE.

1900-10. Fauna Arctica. Zusammenstellung d. arktischen Tierformen. Vols. 1-4 and 5, pt. 1 (all pub.). See ROEMER, F.

DEUTSCHE GESELLSCHAFT FÜR KUNST UND WISSENSCHAFT IN POSEN. Naturwissenschaftliche Abteilung.

1894-date. Zeitschrift. Nos. 1-8 as Naturwissen. Verein d. Provinz Posen.

DEUTSCHE GESELLSCHAFT FÜR NATURKUNDE UND VÖLKERKUNDE OST-ASIENS.

Tokio. 1873-date. Mitteilungen. Index and Supplement.

DEUTSCHE GESELLSCHAFT FÜR VOLKSTÜMLICHE NATURKUNDE IN BERLIN. See NATURWISSENSCHAFTLICHE WOCHENSCHRIFT.

DEUTSCHE GRAN-CHACO-EXPEDITION. See WISSENSCH. ERGEBNISSE DER DEUTSCHEN GRAN-CHACO-EXPEDITION, 1930.

DEUTSCHE MALAKOZOLOGISCHE GESELLSCHAFT.

Frankfurt-a-M. 1874-87. Jahrbücher.

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→ Deutsche Antarktis-Expedition, 1901-1903. V. 8-20. Drygalski. Vol. ^{viii} Botanike
No. 1-5: Zoologie. IX. pt 1 - XX. Total cost about \$500 U.S. C.!

DEUTSCHE ORNITHOLOGISCHE GESELLSCHAFT.

1840-1930. Bericht ueber die (Jahres-) Versammlung. [*Die Allgemeine Deutsche Ornith.-Gesellsch.*]

Although the *Journal für Ornithologie* and its forerunner *Naumannia* have since their inception been the organs of the *Deutsche Ornithologen-Gesellschaft*, and many of the papers and proceedings are regularly reported in those periodicals, yet almost every meeting is in addition reviewed more or less fully by one of its officers—usually by the president—and issued as an independent report under the style of a *Bericht*. Together these form a separate series that are very useful to the advanced student, containing as they do papers from the pen of the most accomplished of European Ornithologists.

1900-30. Jahresbericht der Vogelwarte Rossitten der Deutschen Ornithologischen Gesellschaft. Edited by J. Thienemann. 8vo. Separate title, tinted covers, generally unaltered pagination of the *Journal für Ornithologie*. 1. Jahresberichte, 1900; issued yearly since. Illustrated by map and tables. 100 to 150 pages each.

The fact that the issues under the above rubric occasionally appear as separates of or excerpts from the *Journal für Ornithologie*. (q.v.) does not give the essays a place as a genuine periodical. Occasionally, however, a *Bericht* was printed as a *supplement* to the *Journal* and separately paged; consequently it seems proper to list the whole issue briefly in this catalogue. These annual reports can also be consulted in the pages of the *Journal für Ornithologie*. See its General index, 1894-1913, and subsequent volume indexes. A description of the Observatory and a short history of its activities (Rossitten is very favorably situated, near Memel on a long peninsula, as an observation station) was published with illustrations by J. Thienemann, Berlin, 1910.

→ **DEUTSCHER NATURWISSENSCHAFTLICH-MEDIZINISCHER VEREIN FÜR BÖHMEN 'LOTOS'.**

1896-date. Abhandlungen.

1915-date. Naturwissenschaftliche Schriften.
See also LOTOS.

DEUTSCHER NATURWISSENSCHAFTLICHER VEREIN ZU POSEN. See DEUTSCHE WISSENSCHAFTLICHE ZEITSCHRIFT FÜR POSEN.

DEUTSCHER NATURHISTORISCHER VEREIN VON WISCONSIN. See WISCONSIN NATURAL HISTORY SOCIETY.

DEUTSCHER ORNITHOLOGEN-VEREIN.
See NAUMANNIA.

DEUTSCHER VEREIN FÜR VOGELZUCHT UND ACCLIMATISATION. See DEUTSCHE ACCLIMATISATION.

DEUTSCHER VEREIN FÜR VOLKSVERSTÄNDLICHE GESUNDHEITSPFLEGE UND FÜR NATURHEILKUNDE. Berlin. 1883?-8? Zeitschrift.

DEUTSCHER VEREIN ZUM SCHUTZE DER VOGELWELT. Ornithologische Monatsschrift.

1876-1930. Monthly. 8vo. *illustr.*

Vols. 1-2 (1876-7) title reads: Monatsschrift des Sächsisch-Thüringischen Vereins für Vogelkunde und Vogelschutz zu Halle.

Vols. 3-14 (1878-89) title reads: Monatsschrift des Deutschen Vereins zum Schutze der Vogelwelt.

Vol. 15+? (1890+?) title reads: Ornithologische

Monatsschrift des Deutschen Vereins zum Schutze der Vogelwelt.

Halle, Zangenberg b. Zeitz, Gera, Merseburg, Leipzig, Magdeburg.

This important, useful and popular periodical has maintained its early promise for over 46 years and has done much to preserve and cultivate bird life in Germany, both as the organ of numerous societies and independently. During its long life, it has published contributions—many of scientific interest and value—from most of the contemporary ornithologists. It is the oldest and probably the best (German) journal of its class.

DEUTSCHE WISSENSCHAFTLICHE ZEITSCHRIFT FÜR POSEN. 1923-date.

Posen, Poland.

DEUTSCHE ZOOLOGISCHE GESELLSCHAFT.

1891-date. Verhandlungen.

1896-date. Tierreich.

1878-date. Zoologischer Anzeiger.

1922-date. Zoologischer Bericht.

Leipzig.

Berlin.

Leipzig.

Jena.

DEUTSCH-OST-AFRIKA.

1893-date. 10 vols. to 1909. 8vo and folio. numerous col. pl. and other *illustr.*

This magnificent record of the expedition (chiefly) of Emin Pascha into the heart of Africa under German tutelage is replete with valuable contributions to vertebrate zoology. So far as issued one notes that mammals are described by K. Möbius and P. Matschie; birds by A. Reichenow; Reptiles and Amphibia by G. Tornier; Fishes by G. Pfeffer.

DEUXIÈME EXPÉDITION ANTARCTIQUE FRANÇAISE (1908-10) commandée par J. Charcot.

1914. Sciences naturelles: documents scientifiques. [Zoology.] Oiseaux antarctiques. See GAIN, L.

DE VERTEUIL, LOUIS ANTOINE AIMÉ.

1858. Trinidad: Its Geography, natural resources, etc. 1 vol. 8vo. London.

DE VIS, CHARLES W.

1894. Report on ornithological specimens collected in British New Guinea. pp. 7. With 12 MSS. pages inserted between pp. 4-5. Brisbane.

The letterpress is from the Report of the Queensland Museum, 1894.

DE VOE, T. F.

1867. The Market Assistant, etc. 8vo. *illustr.* N.Y.

DEVON AND CORNWALL NATURAL HISTORY SOCIETY. See PLYMOUTH INSTITUTION.

DEWAR, DOUGLAS [1875-].

1906. Bombay ducks; an account of some of the every-day birds and beasts found in a naturalist's Eldorado. 8vo. pp. xii+304. front. 37 pl. T. of c. glossary. index. London.

This well-known naturalist thinks that the animals dealt with have an equal right with the pieces of dried fish called in India 'Bombay Ducks'.

1909. Birds of the plains. 8vo. pp. viii+257. front. 15 pl. T. of c. append. glossary. index.

London.

Popular accounts of a number of Indian birds.

[DEWAR, D. (contd.)]

1911. The Indian crow; his book. 2nd ed., rev. and enl. 8vo. pp. 6+77. 16 figs. *T. of c. Madras.*

The first edition of this very interesting and amusing book was issued in 1905. Inserted is a letter to Dr. Casey Wood dated January 3, 1925, from the publishers, regarding the supposed defective page 72.

1913. Glimpses of Indian birds. 8vo. pp. xiv+266. *T. of c. index.* London.

1915. Birds of the Indian hills. A companion volume to the bird volumes of *The Fauna of British India*. 8vo. pp. 264. *index.* London, New York, and Toronto.

Popular account of common birds found in the Himalayas, Nilgiris, and Palni Hills, mostly taken from newspapers and magazine articles. Appended are vernacular names of Himalayan birds.

1923. Indian birds; being a key to the common birds of the plains of India. A companion volume to the bird volumes of *The Fauna of British India & Jerdon's Birds of India*. 8vo. pp. 230. *T. of c. index.* London.

A popular account for easily identifying the common birds of the plains of India (exclusive of the majority of game birds) based upon a classification according to color, with a list of Hindustani names. The first edition was issued in 1910; the revised edition in 1920.

1923. Himalayan and Kashmiri birds, being a key to the birds commonly seen in summer in the Himalayas & Kashmir. 8vo. pp. 6+7-199+(1). *T. of c. index.* London.

1923-5. The common birds of India. 2 vols. 4to. pp. 126 and 128. 2 col. pl. many text-figs. *indexes.* Calcutta and Simla.

1924. Birds of an Indian village. 2nd ed. 12mo. pp. 146. col. front. 46 poorly printed cuts in the text. London and Calcutta.

Issued for the special benefit of Indian readers.

[1925]. Indian bird life; or the struggle for existence of birds in India. 12mo. pp. xvi+276. London.

Largely a compilation of the observations of field naturalists, the nomenclature being that of Blandford and Oates in the bird volumes of *The Fauna of British India*, 1889-98.

1925. The ducks of India, &c. See WRIGHT, R. G.

[1928]. Birds at the nest. 12mo. pp. (12)+271. *T. of c. index.* London.

The author is here chiefly occupied in proving the absence of that intelligence, comparable to the intelligence of human beings, which is so often ascribed to birds. What, however, he exactly means by instinct, to which he credits their actions and mutabilities, seems nowhere clearly stated. Many quotations from various writers of the earliest times to the present day are given to show where the author has obtained his facts to prove his thesis.

→ 1929. Indian Birds' Nests. 8vo. pp. 189. Companion volume to *Indian Birds*. Key to the *Common Birds of the Plains*. Calcutta.

Contains a summary of practically all the published facts regarding the nests of the birds with which it deals.

DEWAR, GEORGE ALBERMARLE BERTIE [1862-]

[1902]. The birds in our wood. 4to. pp. (8)+133. front. (col.). 7 pl. (col., 37 figs.). *T. of c.* London.

1913. Wild birds through the year. 12mo. pp. viii+248. front. 7 pl. *index.* London.

1925. Nature: the supreme problem. 12mo. pp. 222+[1]. *T. of c.* London.

In this little book one gathers that the author is not given to accepting all the preconceived notions regarding the behavior and actions of birds, animals, and insects under certain conditions, many of his observations and remarks seemingly not fitting into these accepted grooves.

DEWAR, JOHN M.

1924. The bird as a diver; a contribution to the natural history of diving birds. 8vo. pp. xii+173. *T. of c. bibliogr. index.* London.

An attempt to answer some of the problems of the diving bird, such as how long do they stay under water, how deep can they go, how do they progress and at what speed, and how do they spend their time under water, etc.? Twenty-three species of diving birds and nearly six thousand dives were studied in the course of these investigations.

DEWHURST, HENRY WILLIAM.

1834. The natural history of the order Cetacea and the oceanic inhabitants of the Arctic regions. 8vo. pp. 20+323. *illustr. pl.* London.

→ DIALOGUS CREATURARUM. See ANONYMOUS. (Die) Zweisprach der Tiere, 1923.

DIAS, R. See ORIGINAL DRAWINGS, 1878-81.

DICKERSON, MARY CYNTHIA.

1906. The Frog Book. pp. xvii+253. 112 col. pl. text *illustr.* N.Y.

An excellent manual, that includes a valuable contribution to fossil amphibia.

DICTIONARY OF AMERICAN BIOGRAPHY.

1929. Prepared under the Direction of the Committee of Management of the American Council of Learned Societies, Allen Johnson, Editor-in-Chief. 20 vols. 8vo. Oxford.

This valuable work of reference is the counterpart of the well-known *British Dictionary of National Biography* and, like it, forms an indispensable item in every research library.

DICTIONARY OF NATIONAL BIOGRAPHY FROM THE EARLIEST TIMES.

1901-21. With two Supplementary Vols. 23 vols. 8vo. Oxford.

An indispensable reference work to a library of any pretensions.

DICTIONNAIRE CLASSIQUE D'HISTOIRE

NATURELLE, par Audouin, J. V. et Bory de Saint-Vincent, etc. Ouvrage dirigé par ce dernier collaborateur.

1822-30. 17 vols. 8vo. Paris.

DICTIONNAIRE CLASSIQUE DES SCIENCES NATURELLES, etc.

1837-45. 10 vols. and atlas. 8vo. See DRAPIEZ, P. A. J. Bruxelles.

DICTIONNAIRE DES SCIENCES NATURELLES, etc.

[1804] 1816-30-[40]. Edited by [Georges] F. Cuvier with a Prospectus by Baron Cuvier and an Introduction by Comte de Fourcroy. 60 vols. 12 vols. col. pl. 1 vol. portr. 8vo. Paris and Strasbourg.

The above is the second edition of an immense cyclopedia really begun in 1804 and finally completed in 1816 by means of supplements. The present edition includes the interesting 'Biographie des Naturalistes' and was continued in 1840 by an incomplete supplement—one volume of 528 pages with 18 plates [A-Aye].

DICTIONNAIRE PITTORESQUE D'HISTOIRE NATURELLE . . .

sous la direction de E. Guérin-Méneville. 1833-9. 8vo. Paris.

DICTIONNAIRE RAISONNÉ . . . DES TERMES USITÉS DANS LES SCIENCES NATURELLES.

See JOURDAN, A. J. L.

- Deyrolle, E. Les oiseaux de la France. 2^d ed. 146 figs. 35 (27 col.) pls.
D'Hamonville, J. 1876. Catalogue des oiseaux d'Europe. 800.

1928. Game Birds. 4to. 23 woodcuts by E. Fitch Daglish. London.

→ Dejeu, C. 1889. Les chasse au maïs. 252 p. pls.

DICTIONNAIRE UNIVERSEL D'HISTOIRE NATURELLE.

1841-9. 13 vols. and 3 vols. atlas. 8vo. See D'ORBIGNY, A. C. V. Paris.

DIDIER, R. and BOUDAREL, A.

1921. L'art de la taxidermie au 20^e siècle; recueil de technique pratique pour naturalistes professionnels, amateurs et voyageurs. 4to. pp. 77. 49 pl. 57 figs. T. of c. Paris.

An excellent manual, fully illustrated with explicit figures and diagrams.

DIEDERICH, FRANZ.

1889. Die geographische Verbreitung der echten Raben (Corvinae). 8vo. pp. 162+[4]. 3 maps. Leipzig University thesis. Gera.

An essay on the geographic distribution of the Corvinae. The copy in hand is a presentation to Prof. Reichenow, to whom it formerly belonged.

DIEFFENBACH, ERNST [1811-55].

1843. Travels in New Zealand; with contributions to the geography, geology, botany, and natural history of that country. 2 vols. 8vo. front. pl. London.

An important travelogue in which J. E. Gray describes the mammals, reptiles, and amphibia, G. R. Gray the birds, and J. Richardson the fishes.

DIENER, CARL [1862-].

1921. Fossilium Catalogus: Animalia. See LAMBRECHT, KALMAN. Berlin.

DIESCH.

1927. Bibliographie der Germanistischen Zeitschriften.

A valuable bibliography for the student of vertebrate zoology.

DIESSKAU, CHRISTIAN JOHANN FRIEDERICH VON.

1779. Naturgeschichte der Nachtigall. 16mo. pp. (24)+208. vignette. 4 pl. (col., 1 fold.). 4 figs. index. Römhild.

The first part treats of the natural history of the nightingale, the second of its captivity, the third of its food.

DIETHELM, MARZELL.

1907. Über osteologische Charakteristika der Strigiformes; ein Beitrag zur Osteologie der Nachtraubvögel. 8vo. pp. (4)+58. 6 pl. 41 figs. bibliogr. 6 tab. Aarau.

Thesis on the osteology of owls, including a discussion of their relationship to the Night-hawks and Rollers.

DIETRICH, FRIEDRICH.

1912. Die Vogelwelt in der Umgebung von Hamburg; eine Anleitung zu ornithologischen Beobachtungen. pp. v+116. T. of c. Hamburg.

Narratives of field journeys in which 130 species of birds are treated, with tables of identification.

DIETZ, H. and PRÜTZ, G., eds.

1883. Die Tümmeler- und Purzlertauben. Ein Beitrag zum Mustertauben-Buch. 8vo. pp. [4]+107. T. of c. Stettin.

A contribution to the study and culture of 'tumbler', 'pouter', and other domestic pigeons.

DIEZMANN, AUGUST.

1836. Naturgeschichtliches Cabinet des Thierreiches. See JARDINE, W., 1836.

DIFFLOTH, PAUL.

1925. Les Méthodes Modernes en aviculture.

Avec 216 [300 on wrapper] figures. 8vo. pp. 2+500. 216 figs. in text. index. Paris.

An elaborate treatise on the breeding, food, housing, and other care of barnyard fowls.

DIGGLES, SILVESTER.

[1866]-77. The ornithology of Australia being illustrations of 244 Australian birds with descriptive letter-press. 2 vols. pl. Vol. 2 has title 'Companion to Gould's handbook; or Synopsis of the birds of Australia'. In this volume the following genera are treated: Parrots, pigeons and quails, waders, swimmers, etc. Vol. I. 1866? pp. ix. title, index, preface, prospectus. 58 col. pl., with explanatory text. Vol. II. 1876. (Title as above.) pp. vi. 65 col. pl., with explanatory text. index. Brisbane.

A part of this work, semi-popular in character, was, as the author explains, issued in 21 parts prior to 1866, when a financial crisis interfered with further publication. Finally he altered the title and issued the treatise under the title of the present second volume. The copy in hand (which contains the scarce first impressions of the plates) is bound in full morocco gilt as a 'special exhibition copy' and has the rare colored title-page, preface, original prospectus, and index complete. The second volume, probably of later date, was also separately issued.

DIJON. Mémoires de l'Académie des Sciences, etc.

1769-1930. Années.

This very important periodical has appeared, with slight interruption, in series for over 150 years.

DILLWYN, LEWIS WESTON [1778-1855].

1848. Materials for a fauna and flora of Swansea and the neighbourhood. 8vo. pp. (4)+44. T. of c. Swansea.

Data relating to the Mammalia, Ornithology, Ichthyology, Entomology, and Botany, most of which was never published. The portion relating to the birds is on pp. 3-10, embracing about 94 species.

DIONNE, CHARLES EUSÈBE [1846-?1918].

1883. Les oiseaux du Canada. 12mo. pp. 43+284. 35 text-figs. T. of c. index. Quebec.

An annotated, systematic catalogue of the birds of Canada. The present volume is in the original wrappers.

1889. Catalogue des oiseaux de la province de Québec, avec des notes sur leur distribution géographique. 8vo. pp. 119+1. 9 figs. front. index. Quebec.

A brief descriptive catalogue of 273 avian species observed in the Province of Quebec, Canada, with the local names as part of the synonymy.

1906. Les oiseaux de la province de Québec. 8vo. pp. viii+414. 8 pl. 21 figs. in text. index. Quebec.

A well-known, systematic treatise on the birds of Quebec province, Canada, cataloguing the characteristics of 766 species.

DIOSCORIDES, PEDACIUS [fl. A.D. 77].

1499. Διοσκοριδίου ἀναξαρβεως περι ὕλης ἰατρικῆς λόγοι ἕξ, etc. Edited by A. P. Manutius. folio. Editio princeps. No catchwords nor pagination.

[O.] Venice.

There have been many editions and translations of this the famous materia medica of Dioscorides, the Greco-Roman physician-naturalist.

His catalogue of animals included mainly those whose parts were employed in ancient medical practice, but the incidental description of them as faunal forms is, of course, the chief attraction for the student of vertebrate zoology. Several of the following editions are in the Osler Library.

[1516]. De medicinali materia libri quinque. De Virulentis animalibus, etc., etc. Joanne Ruellio interprete. folio. (Parrhisiorum Gymnasio) in off. Henrici Stephani.

[DIOSCORIDES, P. (contd.)]

1518. De Medica materia Libri sex, Interprete Marcello Virgilio, etc. folio. Florentiæ.

1529. De Materia medica libri sex . . . [Index omnium Plantarum, Animalium, etc.] Greek text. 4to. pp. 22+446. (Wanting.) Basileæ.

1529. De Medica Materia libri V . . . De cano rabido; deque notis quæmorsus ictusve animalium venenum relinquendum sequuntur, etc. opera . . . Joannis Soteris. Colon.

[1549]. Libri sex, Joanne Ruellio interprete . . . Additis . . . annotationibus sine Scholijs . . . Per Gualtherum Rinium, etc. Ant. Conrado Gesnero. folio. Franc(o)forti.

1554. Petri Andreae Matthiolo Commentarii, . . . Adiectis . . . plantarum & animalium imaginibus, eodem authore . . . in off. Erasiana. folio. Ven.

1572. Commentaires de Pierre Andre Mattiolo sur les six Livres de Ped. Dioscoride Anazarbeen de la Matière médicale . . . enrichis pur la troisième fois, d'un grand nombre de pourtraits, de plantes & animaux au vif. folio. Lyon.

1829-30. De Materia medica libri quinque, etc., illustravit Curtuis Sprengel. (Greek and Latin text with biogr., etc.) Tomi 2. 8vo. Lipsiæ.

1888. Weber, R. T. De Dioscuridis, etc. (Inaugural dissertation.) 8vo. Lipsiæ.

1902. Arzneimittelehre in 5 Büchern. Übersetzt und mit Erklärungen versehen von J. Berebdes. 8vo. Stuttgart.

1903. Premerstein, Anton von. Anicia im Wiener Dioskorides. Kodex. Mit 1 Tafel und 6 Text-illustr. folio. Wien.

1906-14. De Materia medica libri quinque, etc. Ed. Max Wellmann. 3 vol. 8vo. Berol.

1914. Wellmann (Max). Die Schrift des Dioskurides . . . Ein Beitrag zur Geschichte der Medizin. 8vo. Berlin.

n.d. The 3rd Makāla (i.e. 'Discourse', book) of Dioscorides, in the Arabic translation made (? in Spain) by Stephanus ibn Masail; copied at Bagdad by Al-Hasan ibn Ahmad ibn Muhammad al-Nāšawi. Illustrated: written in A.H. 637 (A.D. 1239). $9\frac{3}{4} \times 6\frac{3}{4}$ in. v+211 ll.

'DISCOVERY.' Antarctic Explorations. See SCOTT, R. F.

'DISCOVERY' REPORTS.

1925-date. Issued by the Discovery Committee, Colonial Office, London, on behalf of the Government of the Dependencies of the Falkland Islands. 4to. London.

Vol. I contains pp. 592, many plates and, *inter alia*, several parts devoted to various branches of zoology. Among these are Southern Blue and Fin Whales, 20 pl., by N. A. Mackintosh and J. F. G. Wheeler, and The Birds of South Georgia, 10 pl., by L. Harrison Matthews.

DISTANT, WILLIAM LUCAS [1845-1922].

1889-92. A monograph of oriental cicadidae. (Indian museum, Calcutta.) 7 pts. in 1 vol. folio. illustr. pl. London.

1892. A naturalist in the Transvaal. 8vo. pp. xvi +277. front. 12 pl. (4 col.). 24 figs. T. of c. append. index. London.

A list of the birds will be found on pp. 163-9.

DITMARS, RAYMOND LEE.

1908. The Reptile Book. A comprehensive, popular work on the structure and habits of the Turtles, Tortoises, Crocodilians, Lizards and Snakes, which inhabit the United States and northern Mexico. 8vo. pp. xxxii+472. 136 pl. (col.). New York.

1910. Reptiles of the World. 8vo. pp. 19+373. 90 pl. (1 col.). London.

Full of interesting and original observations by an expert. The American edition, identical with the above, was published in New York.

1914. The Reptile Book. numerous pl. N.Y. One of the best popular books, very well illustrated. Another and amended edition of the 1908 issue.

1927. Reptiles of the World, etc. Front. 200 illust. from photos by author. 8vo. pp. 373. N.Y. A recent edition of this popular text-book by the best known American herpetologists.

DIXON, CHARLES [1858-].

1880. Rural bird life; being essays on ornithology, with instructions for preserving objects relating to that science. 8vo. pp. 16+374. 4 pl. col. front. T. of c. Boston.

Among the earliest of the many popular works on birds by an interesting and informed author. The colored frontispiece and the textual woodcuts are by G. Pearson; a preface by Elliott Coues.

1884. A Contribution to the Philosophy of Birds' Eggs. 8vo. London.

1888. Our rarer birds, being studies in ornithology & oology. 8vo. pp. 14+373. illustr. 20 cuts in text. London.

An interesting and popular account of the Chough (*Pyrrhocorax graculus*), the Manx Shearwater (*Puffinus anglorum*), the Garganey (*Anas circia*), and other uncommon British birds.

1890. Annals of bird life; a year book of British ornithology. 8vo. pp. viii+352. front. 3 pl. T. of c. London.

1890. Stray feathers from many birds. Leaves from a Naturalist's Note-book. Six full-page illustrations by C. Whymper. 8vo. pp. 8+231. London.

1891. The birds of our rambles, a companion for the country. Illust. by A. T. Elwes. 8vo. pp. xii+249. front. 7 pl. T. of c. London.

1891. Idle hours with nature. 8vo. pp. xii+278. front. T. of c. London.

Popular descriptions of many phases of bird life, such as courting, nest-building, mimicry, etc., together with interesting accounts of numerous shore, game, and cliff birds.

1892. The migration of birds; an attempt to Reduce Avian Season-Flight to Law. 8vo. pp. xvi +300. text-figs. index. London.

An interesting and popular work.

1893. Jottings about birds. 8vo. pp. 8+239. col. front. T. of c. London.

1894. The nests and eggs of British birds, when and where to find them. 8vo. pp. xiv+371. 12 pl. (col., 157 figs. of eggs). T. of c. index. London.

1931. Strange Animals I Have Known. New York.

n.d. Thrills of a Naturalist's Quest.

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→ Döbel, H.W. 1783. *Maneroffnete Jager Practice*, 4 pts. in 1 vol. Leipzig.

→ 1876. *Monograph of the Asiatic chiroptera and catalogue of the species of bats in the collection of the Tridige Museum, Calcutta*. 8vo. pp. x, 228, text-figs.

→ 1897. *Migration of birds*. fold. map. London.

1894. The nests and eggs of non-indigenous British birds or such species that do not breed within the British archipelago. 8vo. pp. xii+368. front. (col., 9 figs. of eggs). T. of c. 2 append. index. London.
- The present work forms the companion volume to the author's *The Nests and Eggs of British Birds*, 1894.
1895. The Migration of British Birds. 8vo. 6 maps. London.
- Another edition.
1895. The game birds and wild fowl of the British islands; being a handbook for the naturalist and sportsman. 8vo. pp. xvi+468. front. (col.). 12 pl. (col.). T. of c. index. London.
- A systematic description of British game birds, with their synonymy, diagnosis, nidification, and other habits and characters. The original edition was issued in 1893 and a second appeared in 1900. The present copy is from the Mullen's Library with book-plate.
1895. Rural bird life of England; being essays on ornithology, with instructions for preserving objects relating to that science. Preface by Elliott Coues. 3rd ed. 8vo. pp. 16+374. 3 pl. 45 figs. T. of c. Chicago.
1896. British Sea Birds. With eight illustrations by Charles Whymper. 8vo. pp. 295. illust. T. of c. London.
1897. Curiosities of bird life; an account of the sexual adornments, wonderful displays, strange sounds, sweet songs, curious nests, protective and recognitory colours, and extraordinary habits of birds. 8vo. pp. 322. illust. London.
- 1897. Our favourite song birds; their habits, music, and characteristics. 8vo. pp. x+287. 37 pl. T. of c. London.
1898. Lost and vanishing birds; a record of some remarkable extinct species and a plea for some threatened forms. 8vo. pp. 295. front. 9 pl. T. of c. London.
1899. Bird-life in a southern county; eight years' among the birds of Devonshire. 8vo. pp. viii+303. front. 10 pl. T. of c. London.
1900. Among the birds in northern shires. 8vo. pp. 303. front. (col.). 43 pl. T. of c. index. London.
1900. The game birds and wild fowl of the British Islands. 2nd ed. pp. xxviii+476. front. (col.). 40 pl. (col.). append. 2 indexes. Sheffield.
1900. The story of the birds, being an introduction to the study of ornithology. 8vo. pp. 14+304. col. front. T. of c. London.
- This interesting, popular work might well be entitled 'From archeopteryx to bird of paradise'; it is an intelligent account of avian ascent, followed by various studies of the developed bird.
1902. Birds' nests, an introduction to the science of caliology. 8vo. pp. xiv+285. front. 15 pl. T. of c. index. New York.
- A popular work on the various forms and mode of constructing birds' nests.
1909. The bird-life of London. 8vo. pp. xii+335. front. (col.). 23 pl. (7 col.). T. of c. index. London.
- DIXON, EDMUND SAUL** [1809-?81].
1851. The Dovecote and the Aviary. 12mo. pp. xiv+458. 1 pl. text illust. London.
- DIXON, Capt. GEORGE** [d. 1800].
1789. A voyage round the world; but more particularly to the North-West coast of America. Performed in 1785, 1786, 1787, and 1788, in the King George and Queen Charlotte, captains Portlock and Dixon. 4to. pp. xxix+360+47. front. (chart fold.). 20 pl. (4 birds). T. of c. 2 append. London.
- A popular account. The ornithological matter will be found in Appendix No. 1, pp. 356-60.
- DIXON, JOSEPH.**
1927. The surf-bird's secret. 4to. pp. 16. front. (col.). 8 figs. bibliogr. Author's reprint, Condor, Jan. 1927. [Berkeley, Calif.]
- An interesting account of the first discovery of this bird's nest and eggs in Alaska, 1,000 feet above timberline.
- DIXON, ROYAL** [1885-].
1917. The human side of birds. 4to. pp. 22+246. 4 col. pl. 32 figs. New York.
- A series of popular chapters on the psychology of birds. The author declares his purpose to reject the limitations of unsympathetic research, to endeavor to see beyond formal classifications, and to understand the spirit, emotions, and impulses in the lives of our feathered friends of the air.
- DIXON, THOS. J.**
1885. Animal Studies. Photographs from Life. folio. (Wanting.) London.
- **DÖBELN.** See MITTEILUNGEN D. VEREIN FÜR NATURFREUNDE.
- DOBSON, GEORGE EDWARD** [1848-95].
1875. See BLYTH, E., 1875.
1878. See WESTERN YUNNAN EXPEDITION, 1878.
- 1878-91. See SCIENTIFIC RESULTS SECOND YARKAND MISSION.
1879. See ROYAL SOCIETY OF LONDON, 1879.
- 1882-90. Monograph of the Insectivora, systematic and anatomical. 3 pts. 8vo. pp. 172. 28 pl. index. London.
- DOCKRAY, JOHN A.**
1910. The Dee as a wildfowl resort. See COWARD, T. A.
- DODART, DENIS** [1634-1707].
1676. Mémoires pour servir à l'histoire des plantes. folio. pp. 2+131. front. illust. Paris.
- The cover-title is Dodart: *Mémoires sur les Plantes et Animaux*. A second edition (12mo) appeared in 1679 and a reprint in 1736.
- DODERLEIN, PIETRO** [-1895].
- 1869-71. Avifauna del Modense e della Sicilia. 4to. Palermo.
- DODGE'S (GOWAN'S) NATURE BOOKS.**
- See GIRDWOOD, G.
- DODSON, JOSEPH H.**
- c. 1917. Your bird friends and how to win them. 8vo. pp. 24. 47 figs.
- DOERING, ADOLF.**
1881. Zoología. Observaciones generales sobre la Fauna . . . al Rio Negro (Patagonia). 4to. See ARGENTINE REPUBLIC, COMISIÓN CIENTÍFICA DE LA EXPEDICIÓN AL RÍO NEGRO, 1881-2.
- A fairly good account of the animal life of Patagonia.

- DOFLEIN, FRANZ JOHN THEODOR** [1873-].
1921. *Mazedonien; Erlebnisse und Beobachtungen eines Naturforschers im Gefolge des Deutschen Heeres*. 8vo. pp. 8+592. *illust. pl.* Jena.
Describes the wanton slaughter of birds by the Bulgarian soldiery. Macedonia is one of the portals through which southern birds penetrate into the north. The author obtained a collection of 3,200 well-prepared and docketed birds' skins to furnish a picture of the bird world of Macedonia. Bird portraits are given on pp. 202, 403, 547. The birds of Macedonia do not appreciably reduce the number of blood-sucking flies.
- DOG.** 1902-3? Philadelphia.
- DOGDOM; an Illustrated Monthly Dog Magazine.** 1900-date. Battle Creek, Mich.
- DOG FANCIER.** 1891-date. Battle Creek, Mich.
- DOG JOURNAL.** 1908-10? Rochester, N. Y.
- DOGS IN AMERICA.** 1909-12. New York.
- DOG TIMES.** 1906. London.
- DOG WORLD.** 1916-date. Chicago.
- DOHERTY, H. W.** See CANADA. DOMINION PARKS BRANCH, 1920.
- DOHRN, FELIX ANTON** [1845-1909].
1876-1930. See NAPLES STAZIONE ZOOLOGICA.
1896. *Aquarium Neapolitanum*. 4th ed. Leipzig.
In this well-known description of the famous aquarium and marine laboratory the first Director gives a detailed account of its activities.
- DOKI NANDAN.** 1900. See MAKHZAN-I-ILAJ-I-HAYWANI.
- DOLLO, LOUIS** [1857-].
1901-13. See BELGIUM. 'LA BELGICA'.
1904. *Poissons*. folio. pp. 240. 12 pl. maps. (Belgium. Commission de la Belgica. Expédition antarctique belge. Rapports scientifiques. Zoologie, vol. 9.) Anvers.
- DOMANIEWSKI, JANUSZ.**
1913-18. [Opuscula ornithologica.] 9 vols. in 1. 4to. *illust.* Warszawa.
1915. *Krytyczny przegląd avifauny Galicyi; część I-a Passeriformes*. (Revue critique de l'avifaune de la Galicie.) folio. pp. 83. (In Polish.) Warszawa.
Author's reprint, a review of the birds of Galicia, 135 species being listed in a definite, systematic fashion, with a list of 93 references to the subject.
1917. *Kilka słow o organizacyi Muzeum Zoologicznego przy Muzeum Narodowem w Warszawie*. (Quelques mots sur l'organisation du Musée zoologique dans le Musée national de Varsovie.) folio. pp. 8. (In Polish.) Warszawa.
An account of the formation of a zoological department in the national Polish museum in Warsaw. Author's special excerpt.
1918. *Czem jest museum zoologiczne dla systematyka*. (Qu'est ce qu'un musée zoologique pour un systématique?) folio. pp. 7. (In Polish.) Warszawa.
Author's reprint on the value of a zoological museum to the student of natural history. From the Cabanis-Reichenow collection.
- DOMBROWSKI, R. VON.**
1912. *Ornis Romaniae; die Vogelwelt Rumänien's systematisch und biologisch-geographisch beschrieben*. 4to. pp. 872+liv. 2 figs. *bibliogr. index.* Bukarest.
See also TSCHUSI ZU SCHMIDHOFEN, VICTOR.
A monograph of the birds of Roumania with descriptions of new races, one of which at least is credited to Tschusi and Dombrowski.
- DOMESTIC HABITS OF BIRDS.** n.d. See ANONYMOUS.
- DONALD, CHARLES H.**
1917. *Companions feathered, furred, and scaled*. 12mo. pp. 105. front. 15 pl. Bombay.
Popular sketches first published in *The Times of India Illustrated Weekly*.
- DONALDSON, ALFRED L.**
1921. *A History of the Adirondacks*. 2 vols. 8vo. pp. 776. maps and *illust.* N. Y.
The most complete history of this region with a list of the mammals; a List of Adirondack Birds by Robert H. Coleman, and an extensive bibliography.
- DONNDORFF, JOHANN AUGUST** [1754-1837].
1791-1803. See GOEZE, JOHANN A. E.
- DONNE, THOMAS EDWARD.**
1924. *The game animals of New Zealand; an account of their introduction, acclimatization, and development*. 8vo. pp. xviii+322. front. 40 pl. map (col. fold.). T. of c. *append. index.* London.
1925. *The game animals of New Zealand*. London.
A second printing of this valuable work.
- DONOVAN, EDWARD** [1768-1837].
1794-1820. Works on British Zoology, complete except for the Birds. Original eds. throughout. 29 vols. in 21.
In addition to the above, this celebrated naturalist's treatises are separately shelved in the McGill libraries, as hereinafter described.
1794-1819. *The natural history of British birds; or, A selection of the most rare, beautiful, and interesting birds*. 10 vols. in 5. 4to. 244 (i.e. 245) col. pl. Each plate accompanied by from 1-6 pp. of descriptive letterpress. Vol. I (1794), 24 pl. Vol. II (1795), 24 pl. Vol. III (1796), 24 pl. Vol. IV (1797), 28 pl. Vol. V (1798), 24 pl. Vol. VI (1809), 24 pl. Vol. VII (1816), 24 pl. Vol. VIII (1817), 24 pl. Vol. IX (1818), 24 pl. Vol. X (1819), 24 pl. = 244 pl. in all. London.
A classic work on the subject which, however, with the exception of many well-made plates, is not highly regarded as an authority. The volumes were issued to subscribers in parts, 50 in all. Mullens and Swann (p. 174) say that owing to the irregular and confused fashion in which these parts were issued they make no attempt to collate the text but give the plate contents and dates as above. The entire work was reissued in 1815-20; five volumes only, in 1799.
1802-8. *The natural history of British fishes, including scientific and general descriptions of the most interesting species, and an extensive selection of accurately finished coloured plates*. Taken entirely from original drawings. 5 vols. 8vo. 120 col. pl. London.
1815-20. *The Natural History of British Birds*, etc. 10 vols. 4to. London.
This is the second edition.
1820. *The natural history of British quadrupeds; consisting of coloured figures, accompanied with scientific and general descriptions, of all the species*

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Dolleys, 1922. Résumé de nos principales connaissances prat. s. l. maladies et les ennemis de l'huître.

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that are known to inhabit the British Isles . . . and also such as are clearly authenticated to have been originally indigenous, but are now extirpated, or become extremely rare; the whole arranged in systematic order, after the manner of Linnæus. 3 vols. 4to. 72 col. pl. London.

This first edition is rare; not listed in the *Cat. Br. Mus. (Nat. Hist.)*.

1826. The natural history of the nests and eggs of British Birds. 8vo. Five parts (all pub.). London.

Apparently a separate publication which must be very scarce. It is not on the list of the author's works in the *Cat. Br. Mus. (Nat. Hist.)*.

1834. The naturalist's repository; or, Miscellany of exotic natural history, exhibiting rare and beautiful specimens of foreign birds, insects, shells, quadrupeds, fishes, and marine productions; more especially such new subjects as have not hitherto been figured, or correctly described. 5 vols. 8vo. 180 pl. with text. T. of c. indexes. London.

Originally issued in monthly parts, 1823-7. The present edition consists of 180 fine colored plates accompanied usually by one to three leaves of text, these pages not being numbered in any of the volumes. Of the above 180 plates only 26 are devoted to birds. 11 in vol. I, 8 in vol. II, 5 in vol. III, 2 in vol. IV, and none in vol. V. Very rare. Not in the *Cat. Br. Mus. (Nat. Hist.)*.

D'ORBIGNY, ALCIDE CHARLES VICTOR DESSALINES [1806-76].

1837. Dictionnaire universel d'Histoire naturelle. 13 vols. (text) and 3 vols. (atlas). 8vo. 288 col. pl. containing many hundred figures. Issued in parts. Paris.

The plates in this remarkable work render it the best illustrated encyclopedia of natural history. The articles were contributed by the leading French savants: Arago, Brongniart, D'Orbigny, Milne Edwards, Geoffroy-Saint-Hilaire, Deshayes, Lucas, Montagne, Prévost, Quatrefages, Valenciennes, and others. First edition published in 1837. There were several reissues.

D'ORBIGNY, ALCIDE DESSALINES [1802-57].

1835-47. See VOYAGE DANS L'AMÉRIQUE MÉRIDIONALE, 1835-47.

1837-8. Synopsis avium, in ejus per Americam meridionalem itinere, collectarum et ab ipso viatore necnon a de Lafresnaye in ordine redactarum. 2 vols. in 1. 8vo. Paris.

1839. Aves [de la isla de Cuba]. pp. 220. pl. (In Sagra, Ramon de la, *Historia física política y natural de la isla de Cuba*, 1839, vol. 2.) Paris.

1839. Ornithologie de l'Isle de Cuba.

The author was one of the most celebrated and best educated naturalists of the early nineteenth century and his works include a number of general treatises of great importance—especially to Americans. He wrote the Cuban memoir after his return from South America. The title above is practically a translation of that portion of the author's contribution to the Aves of R. de la Sagra's *Historia . . . de la Isla de Cuba*, 1839-53.

1852. See BUFFON, G. L. L., 1852.

DORNER, H.

1872. Die Papageien-Austellung der zoologischen Garten zu Hamburg. 1 vol. 8vo. (Wanting.)

DORPATER NATURFORSCHER-GESELLSCHAFT. See ARCHIV FÜR DIE NATURKUNDE ESTIS; also TARTU, ESTONIA.

DORSET NATURAL HISTORY AND ANTIQUARIAN FIELD CLUB. Dorchester.

1877-date. Proceedings. 8vo. Sherborne.

DORSEY, GEORGE A.

1927. The Evolution of Charles Darwin. N.Y.

A brief life of the great naturalist and an accurate account of his philosophy, by a noted American anthropologist.

DOUBLEDAY, HENRY [1808-75].

1836. A nomenclature of British birds; being a systematic catalogue of all the species hitherto discovered in Great Britain and Ireland intended for labelling collections of British birds and their eggs. 8vo. pp. iv+28. London.

The above is the author's autographed, used copy with the original wrappers bound in.

DOUBLEDAY, Mrs. NELLIE (born DE GRAFF) [1865-1918]. See also BLANCHAN, NELTJE.

1898. Bird neighbours. Introduction by John Burroughs. 8vo. pp. viii+234. front. (col.). 51 pl. (col.). T. of c. index. London.

The author's *nom de plume* is Neltje Blanchan. The above is a popular account of the commoner North American birds. The date of the American edition is 1901.

1902. How to attract the birds, and other talks about bird neighbours. 8vo. pp. vi+224. front. 20 pl. 88 figs. T. of c. index. New York.

[c. 1904]. Birds that hunt and are hunted. pp. xii+359. front. (col.). 23 pl. (col.). T. of c. index. New York.

Although written in a great measure for sportsmen it is the hope of the author that after perusal they may be inclined to hunt less with the gun and more with the camera.

1912. Birds [every child should know]. 8vo. pp. 281. front. 31 pl. (71 figs.). T. of c. index. Garden City, N.Y.

1916. Bird neighbours. 4to. pp. 24+234. pl. Garden City.

A reissue of the first edition, 1898.

1916. Game birds. Life histories of one hundred and seventy birds of prey, game birds and waterfowls. 8vo. pp. 13+359. front. (col.). 47 pl. (col.). T. of c. index. New York.

[1917]. Canadian birds worth knowing. pp. xii+257. front. (col.). 47 pl. (col., 1 on cover). T. of c. index. Toronto.

Popular accounts of some 50 birds, abstracted from the author's four previous volumes on birds. The illustrations are those of the National Association of Audubon Societies by various artists, Louis Agassiz Fuertes, Bruce Horsfall, et al.

1922. Birds worth knowing. 2nd ed. 8vo. pp. xii+257. front. (col.). 46 pl. (col.). T. of c. index. New York.

DOUGHTY, CHAS. M.

1888. Travels in Arabia deserta. 2 vols. 8vo. illust. (col.). Cambridge.

An important work for the zoologist, several times reprinted.

[1923]. Travels in Arabia deserta. 2 vols. 8vo. illust. (col.). London.

1926. Travels in Arabia deserta. 2 vols. 8vo. illust. (col.). London.

DOUGLAS, A. J. A. and JOHNSON, P. H.

1926. The South Seas of To-Day. 8vo.

The natural history is given some attention.

DOUGLASS, ARTHUR.

1881. Ostrich Farming in South Africa, etc. 8vo. pp. viii+251. 10 pl. 1 map. London.

DOVER NATURAL HISTORY SOCIETY.

See SOUTH EASTERN NATURALIST.

DOVER SCIENCES SOCIETY.

Dover, England.

1880-91. As Dover Field Club and Natural History Society.

1892-8. As Dover Natural History and Antiquarian Society.

DOWKER, GEORGE [1828-99].

1889. A Tabulated List . . . of the Birds of Kent, etc. *Svo.* London.

DOWNE, T. E.

1924. The Game Animals of New Zealand. An Account of their Introduction, Acclimatization and Development. *illustr.* London.

The first extensive work of its kind, with many figures of New Zealand faunae, native and imported.

DOWNING, ELLIOT ROWLAND [1868-].

1924. Our living world, a source book of biological nature-study. 2nd ed. *Svo.* pp. *xxi*+(1)+503. *front.* 338 *figs.* *T. of c. bibliogr. append. index.* Chicago.

The portion relating to birds is chapter IV, pp. 141-91, with 40 illustrations. The first edition was published in May 1919.

D'OYLY, Sir C.

1829. Oriental ornithology. See SMITH, C. W.

DRAKE-BROCKMAN, RALPH EVELYN.

1910. Mammals of Somaliland. *Svo.* pp. 17+201. 19 *pl. illust. text.* London.

A useful contribution to African mammalogy.

DRAPIEZ, PIERRE AUGUSTE JOSEPH [1778-1856].

1819-21. See ANNALES GÉNÉRALES DES SCIENCES PHYSIQUES.

1837-45. Dictionnaire classique des sciences naturelles. Vols. 1-10 and Atlas. 202 *col. pl.* Brussels.

DRAWINGS, ORIGINAL. See ORIGINAL DRAWINGS.**DRAYTON, MICHAEL.**

[1613-22]. Poly-olbion or a Chorographical Description of Great Britain. 1st ed. *folio.* (Incomplete.) London.

This is a poem with several contributors, the second part devoted to birds.

DRESDEN. Allgemeine Deutsche naturhist.

Zeitung. Hrsg. v. d. Ges. Isis in Dresden. 2 Bde. 1846-7. Neue Folge. 3 Bde. 1855-7.

Denkschriften d. naturw. Ges. Isis 1860. (Sitzungsberichte u. Abhdlgn. 1861-1915.) Festschr. 1885 u. Sonderheften.

DRESDEN MUSEUM FÜR TIERKUNDE UND VOLKERKUNDE.

1886-date. Abhandlungen und Berichte.

1875-8. Mittheilungen.

1881-1903. Publicationen.

DRESDEN. Verein sächsischer Ornithologen.

1927-8. Mittheilungen. *pts.* 1-4 in 1. *Svo.*

Bernburg.

DRESDEN. K. Zoologisches und Anthropol.-Ethnographisch. Museum.

1877-8. Mittheilungen.

1886-1930. Abhandlungen u. Berichte.

DRESSER, HENRY EELES [1838-1915].

1871-90. A history of the birds of Europe, including all the species inhabiting the western palæarctic region. 9 vols. and 1 vol. wrappers. *col. pl. gen. index.* London.

This magnificent treatise, beautifully illustrated by Jos. Wolf, J. G. Keulemans, and other well-known artists, was irregularly issued in 84 parts and a supplement in 9 parts.

[Vol. I], General Index. Vol. I, pp. *i-ii*, *ix-xiii*+1, *iii-xvi*+102. Vol. II, pp. *viii*+322 *ll.* 95 *col. pl.* 2 *text-figs.* Vol. III, pp. *viii*+310 *ll.* 86 *col. pl.* 1 *text-fig.* Vol. IV, pp. *viii*+318 *ll.* 90 *col. pl.* 2 *pl. 4 text-figs.* Vol. V, pp. *viii*+334 *ll.* 90 *col. pl.* 6 *text-figs.* Vol. VI, pp. *viii*+354 *ll.* 92 *col. pl.* 8 *text-figs.* Vol. VII, pp. *viii*+330 *ll.* 88 *col. pl.* 1 *pl. 4 text-figs.* Vol. VIII, pp. *viii*+333 *ll.* 89 *col. pl.* 2 *text-figs.* Vol. IX, supplement.

The set in hand, from the Cholmley Library, has several letters from the author relating to his work, and the wrappers, on which appear corrections in the text, are bound together as a supplementary volume.

1876. See EVERS-MANN, EDUARD FRIEDRICH.

1884-6. A monograph of the *Meropidae*, or family of the bee-eaters. 4to. pp. *xix*+144. 34 *pl. (col.)*. *T. of c. index.* London.

Illustrated with fine hand-colored plates by J. G. Keulemans. Introductory notes on the anatomy and osteology are furnished by Frank E. Beddard. The work was issued in five parts, the covers of which are bound in at the end of the present volume.

1893. A monograph on the *Coraciidae*, or family of the rollers. 4to. pp. *xix*+111. 27 *pl. (col.)*. *T. of c. index.* Farnborough.

A companion volume to the author's *A monograph of the Meropidae*, 1884-6, which was begun before the issue of the last-named work. It is a thorough detailed study of the group, the notes on the anatomy and osteology being supplied by Frank E. Beddard and the beautiful hand-colored drawings by J. G. Keulemans.

1902-3. A manual of palæarctic birds. 2 vols. 4to. pp. 7+498; 499-922. *index; also systematic index to both vols.* London.

Synonymy, brief notes, and description of over 1,200 species of Palæarctic birds. Binomial classification is given of subspecies. A prefatory list is furnished of works chiefly consulted by the writer.

1905-10. Eggs of the birds of Europe including all the species inhabiting the western palæarctic area. 2 vols. 4to. Vol. I, pp. *xx*+837. 167 *figs.* *T. of c. append. 2 indexes.* Vol. II, pp. (154). 106 *pl. (col.)*. London.

This work was published in 24 parts, the first in August 1905 and the last two in November 1910. Pages 1-505 require rearranging according to the table in vol. I, giving the original and revised nomenclature. A detailed account is given of the nesting habits and breeding ranges of European birds with half-tones of the nests and nesting sites; also colored figures of the eggs *ad naturam*. The present copy has the original covers of the parts bound in.

DRIENDEL, TH.

1850. Naturgeschichte der Amphibien und Fische. 4to. 21 *col. lith.* (Wanting.) Munich.

DROSTE-HÜLSHOFF, FERDINAND [1871-4].

1869. (Die) Vogelwelt der Nordseeinsel Borkum; nebst einer vergleichenden Übersicht der in den südlichen Nordseeländern vorkommenden Vögel. *Svo.* pp. 20+390+16. 2 *pl. map.* Münster.

Notes on the varieties, habits, migration, range, and other characteristics of the bird life of Borkum island in the North Sea. Supplements deal with the comparative history of these local birds and those of other localities. The copy under notice is a present from the author to P. L. Selater.

Rossett, J. M. 1931. How Animals Live. 8vo. pp. 288. London.

Drachman, J. M. ¹⁹³⁰ Studies in the Literature of Natural Science. pp. 687.

Draper, B. H. 1839. Juvenile naturalist, walks in spring, summer, autumn and winter. 2 v. in 1. 8vo. fronts., illus.

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→ Dubois, A. 1873. Histoire populaire des Animaux Utiles. Bruxelles.
1889. Same. New ed. Bruxelles. 800. pp. 225.

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Drygalski - Deutsche Südpolar-Expedition. 1901-1903. ^{VIII}Wool. Botanik. Vols. IX - XX
Zoologie. (Cost about \$500.)
 δ_1 is an indispensable

- DRUEMPELMANN, ERNST WILHELM.**
1806-14. *Getreue Abbildungen . . . des Thierreichs aus den nördlichen Provinzen Russlands, etc.* Hefte I-VI. folio. 50 col. pl. with descriptive letterpress. Riga.
- DRUMMOND, HENRY** [1851-97].
1888. *Tropical Africa*. pp. x+(2)+228. front. (map, col. fold.). 4 pl. 5 maps (col. fold.). 5 figs. T. of c. London.
Lecture-notes in popular form, with natural history, of East Central Africa.
1888. *Tropical Africa*. Authorized edition. With six maps, and illustrations. 8vo. New York.
American edition published with very slight alterations in the title-page.
- DRUMMOND, JAMES** [1869-].
1904. *The animals of New Zealand, &c.* See HUTTON, F. W.
n.d. *Nature in New Zealand*. 12mo. pp. (6)+7-188. front. 98 figs. T. of c. index. Christchurch.
Based on articles in the *Lyttelton Times* during 1901. The bird life of the island is dealt with in chapters I-VI, pp. 7-52.
- DRUMMOND, MARY.**
1919. See FARWELL, E. D.
- DRUMMOND, WILLIAM HENRY** [1845-79].
1875. *The large game and natural history of South and South-East Africa*. 8vo. pp. xxi+428. front. (col.). vignette (col.). 11 pl. (col.). 20 figs. (1 col.). 1 map (col.). T. of c. 2 append. index. Edinburgh.
One of a numerous class of books whose only excuse for the murder of wild animals, most of them defenceless, is the description of their bodies that sometimes (as in this instance) has scientific value.
- DRYANDER, JONAS** [1748-1810].
1796-1800. *Catalogus Bibliothecæ historico-naturalis Josephi Banks*. 5 vols. 8vo. [O.] London.
This valuable bibliographic work by the Librarian of the Royal Society has passed through half a dozen editions and amendments and is a most useful reference treatise for the student and librarian.
- 1798-1800. See BANKS, JOSEPH, 1798.
- DUBLIN MICROSCOPICAL CLUB.** Dublin.
1873-85. Minutes of the Proceedings.
- DUBLIN NATURAL HISTORY SOCIETY.**
See NATURAL HISTORY SOCIETY OF DUBLIN.
- DUBLIN NATURALISTS' FIELD CLUB.**
1887?-date? Report.
- DUBLIN QUARTERLY JOURNAL OF SCIENCE.** See NATURAL HISTORY REVIEW.
- DUBLIN.** See NATURAL HISTORY SOCIETY OF DUBLIN.
- (ROYAL) DUBLIN SOCIETY.**
1889-date. Economic Proceedings.
1856-78. Journal.
1835-56. Proceedings.
1877-1902. Scientific Transactions.
1799-1810. Transactions.
- DUBLIN UNIVERSITY ZOOLOGICAL AND BOTANICAL ASSOCIATION.**
1857-60. Proceedings.
1853-60. As Natural History Review, Dublin.
- DUBOIS, ALPHONSE** [1839-?1910].
1868-72. *Les oiseaux de l'Europe et leurs œufs.* See DUBOIS, C. F., 1854-60.
This second series of an important treatise was continued in conjunction with C. F. Dubois.
1871. *Conspectus systematicus et geographicus avium Europæarum*. 4to. pp. 35. Brussels.
In addition to a long list of *varietates climactericæ* there are on this roster 253 genera and 575 species of European birds. A brief note of their distribution is also given—a useful catalogue.
1876-94. *Faune Illustrée des Vertébrés de la Belgique*. 4 vols. (2 vols. text. atlas, 2 vols.). 8vo. Bruxelles.
[1889]. *Compte rendu des observations ornithologiques faites en Belgique pendant les années 1887-89*. 8vo. pp. 58. Bruxelles.
A separately issued systematic, descriptive catalogue of Belgian birds, with special reference to their local distribution; mostly reports from ornithological observatories.
1899-1904. *Synopsis avium. Nouveau manuel d'ornithologie*. 2 vols. 4to. T. of c. index. Paged continuously. Vol. I, pp. xvi+729. 12 pl. (col. by author). Vol. II, pp. x+731-1339. 4 pl. (col. by author). Brussels.
This valuable work was issued in 17 parts. The dates of issue run from Oct. 1899 to Aug. 1904. A list of avian species with their synonyms and a marginal record of distribution form the chief part of the treatise. The copy in hand is from the Reichenow-Cabanis collection in the E.S.W. Library.
1905. *Remarques sur l'ornithologie de l'État indépendant du Congo suivies d'une liste des espèces recueillies jusqu'ici dans cet état*. folio. pp. 6+38. 12 col. pl. (*Annales du Mus. du Congo. Zoologie*, sér. 4, vol. 1, fac. 1.) Bruxelles.
A systematic regional list is given (in tables) of 483 species observed in the Congo, together with descriptive text of the unusually fine, colored plates. The copy in hand is a presentation from the author.
1905-14. *Genera Avium*. See WYTSMAN, P., 1905-14.
- DUBOIS, CHARLES FRÉDÉRIC** [1804-67].
1839. *Ornithologische Gallerie, etc.* 8vo. col. pl. (Wanting.) Aachen and Leipzig.
1854-60. *Planches Coloriées des Oiseaux de la Belgique et leurs Œufs*. 3 vols. 8vo. col. illust. Bruxelles.
This important monograph is continued as *Les Oiseaux de l'Europe et leurs Œufs* par C. F. Dubois . . . et A. Dubois . . . *Deuxième Série, espèces non observées en Belgique*. 2 vols.
1866. *Catalogue systématique des Oiseaux de l'Europe*. 8vo. pp. 16. Brussels.
1868-72. *Les oiseaux de l'Europe et leurs œufs*. 2^e sér. *Espèces non observées en Belgique*. 2 vols. 4to. 202 col. pl. T. of c. index. Vol. I, 1868. 106 col. pl. portr. Vol. II, 1872. col. pl. 107-202. Brussels.
This fine work is a continuation of the elder Dubois' *Planches coloriées*, 1854-60. That work was confined to Belgian birds and their eggs, while these two volumes are entirely devoted to the European avifauna unobserved in Belgium. The present treatise was issued in parts, some irregularly, which accounts for the confused numbering of the plates, all of which in the copy in hand are colored. Dubois père died in 1867 leaving the completion of the work to his son.
- DU BUS DE GISIGNIES, BERNARD LÉONARD** [1808-74].
1845-8. *Esquisses Ornithologiques; Description et Figures d'oiseaux nouveaux ou peu connus*. 4 livr. (all pub.). 4to. 37 col. pl. Bruxelles.
1876. *Catalogue des livres composant la Bibliothèque, etc.* pp. 256. Bruxelles.

DU CHAILLU, PAUL BELLONI [1838-1903].

1861. Explorations and Adventures in equatorial Africa; with accounts of the Gorilla . . . and other animals. 8vo. pp. xviii+479. 27 pl. 1 map. text illust. London.

1900. The world of the great forest; how animals, birds, reptiles, insects talk, think, work, and live. 8vo. pp. xv+323. front. 10 pl. 39 figs. T. of c. glossary. New York.

To enable the reader to enter into the life of the great African Forest, the author has made the animals and birds tell their own stories and explain their own actions as if they were endowed with the power of speech.

→ **DUCK, JOHN N.**

1852. Natural History of Portishead, etc. 12mo. pp. 65. 3 pl. 1 map (col.). Bristol.

DUCKWORTH, WILLIAM and MACPHERSON, H. A.

1886. The birds of Cumberland. See MACPHERSON, H. A.

DU FOILLOUX, JACQUES [c. 1521-80].

1615. La Caccia di Giacomo di Foglioso. Milano. A very rare treatise on hunting.

DUGDALE, FLORENCE E.

n.d. The book of baby birds. 4to. pp. 120. front. (col.). 18 pl. (col.). T. of c. London.

DUGMORE, ARTHUR RADCLYFFE [1870-].

1904. Bird homes. The nests, eggs and breeding habits of the land birds breeding in the eastern United States. 8vo. pp. xvi+183. front. (col.). 47 pl. (15 col.). 11 figs. T. of c. 2 indexes. New York.

The first edition of this work was issued in 1900, another in 1920, neither of which differs materially from the present one.

1912. Wild life and the camera. 8vo. pp. xi+332. front. 47 pl. T. of c. index. London.

Devoted to nature photography and accounts of the habits and behavior of animals.

1913. The romance of the Newfoundland caribou; an intimate account of the life of the reindeer of North America, . . . illustrated with paintings, drawings and photographs from life by the author. pp. viii+191. col. front. 65 pl. fold. map. figs. in text. London.

1914. The romance of the beaver, being the history of the beaver in the Western hemisphere. 8vo. pp. 14+255. illust. pl. London.

→ 1925. The wonderland of big game. illust. London.

[1926]. The vast Sudan. [2nd ed.] 8vo. pp. 311+(1). front. 45 pl. (3 maps, 1 fold.). T. of c. index. London.

An interesting account of the author's trip through this vast country, in which there are many references to its abundant fauna. Birds are listed on page 262. The first edition was published in 1924.

↪ **DUMÉRIIL, ANDRÉ MARIE CONSTANT** [1774-1860].

1806. Zoologie analytique, ou Méthode naturelle de classification des animaux, rendue plus facile à l'aide de tableaux synoptiques. 8vo. pp. 32+344. Paris.

1825. Éléments des Sciences naturelles. 2 vols. 8vo. illust. Paris.

This is really the third edition of the author's *Traité élémentaire d'Histoire Naturelle*, published in 1804, soon to be followed by his well-known works on classification and comparative anatomy.

**** and **BIBRON, GABRIEL.**

1834-54. Erpétologie générale ou histoire naturelle des reptiles, etc. 9 vols. and atlas. pp. 6,600. 120 col. pl. Paris.

Among the most important and fundamental of the large treatises on reptilian life, including the amphibia.

1839. Éléments des sciences naturelles. 3^e éd. 8vo. pp. 11+[1]+335. pl. Bruxelles.

A new edition of Duméril's *Natural History*, accompanied by plates to illustrate structural details.

1856. Ichthyologie analytique . . . une Classification naturelle des Poissons. 4to. pp. 8+507. Paris.

An important contribution to ichthyology in general. Author's separate from Tome XXVII, *Mém. Acad. Sc. Paris*.

DUMÉRIIL, AUGUSTE HENRI ANDRÉ [1812-70] and **BOCOURT, FIRMIN.**

1870-1909. Études sur les reptiles et les Batraciens. folio and atlas. pp. 2+1012. See also MISSION SCIENTIFIQUE AU MEXIQUE ET DANS L'AMÉRIQUE CENTRALE. Paris.

DUMFRIESHIRE AND GALLOWAY NATURAL HISTORY AND ANTIQUARIAN SOCIETY. Edinburgh.

1862-8. Transactions. Series 1.

1876-1912. Transactions. Series 2.

1913-date. Transactions. Series 3.

DUMONT D'URVILLE, JULES SÉBASTIEN CÉSAR [1790-1842].

1826-9. Voyage autour du Monde . . . sur La Coquille pendant . . . 1822-5. 4to and folio. See VOYAGES, FRENCH. Paris.

1830-5. Voyage de . . . l'Astrolabe . . . pendant 1826-29, etc. See VOYAGES, FRENCH. Paris.

1841-54. Voyage au pôle sud et dans l'Océanie sur les corvettes l'Astrolabe et la Zélée . . . pendant les années 1837-1838-1839-1840. 23 vols. 8vo. and folio. See VOYAGES, FRENCH. Paris.

DUMONTEIL, FULBERT [1831-?1900].

n.d. Animaux et Plantes. 2nd ed. pp. 396. illust. Paris.

DUNCAN, JOHN.

1898. Birds of the British Isles. 8vo. pp. xvi+456. front. 1 pl. 386 figs. in text. append. index. London.

The appendix contains the names of birds whose title to be included in the British list is doubtful. A number of this author's original drawings are in McGill.

1903-5. See ORIGINAL DRAWINGS. DUNCAN, JOHN, 1903-5. ↪

DUNCAN, PETER MARTIN [1824-91].

1876. See CASSELL'S NATURAL HISTORY. Edited by P. M. Duncan. 6 vols. 4to. illust. London.

This excellent popular cyclopedia contains parts on all sections of natural history, the vertebrates treated by P. M. Duncan, except the Aves, by R. B. Sharpe.

1883-5. See SCIENCE LECTURES.

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Du Louilloux, Jacques. 1628 (Gentil homme du pays de Gascogne
en Poitou). La Venere. Le nouveau recueil et augmenté.
v parties. av. beau. de ~~bon~~ beaux bois et, ars notis. 4°. Paris.

27 (Dugma. A.R.) 1920. Bird Homes. pp. 183. 1906 ed. reprinted.

1881. Duboussé, E. Le cheval Muses célèbres, proportions.
moul & Cie.

Duncan, P. B. A Catalogue of the Ashmolean Museum, etc. 1 vol.
4to. pp. 12 + 188. Oxford. See, also, Anonymous, 1836.

→ Duncan, W. S. 1883. Fossil antecedents of man. 8vo. 4 pls.

→ Dyson, C. E. 188-. Bird-keeping. col. pls., illus.

→ Eardley-Wilmot, Sainthill. 1910. Forest life and Sport in India.
xii + 324 pp. 17 pls. handm.

→ **DUNDEE UNIVERSITY COLLEGE—
MUSEUM OF ZOOLOGY.**
1888-90. Studies.

DUNLOP, A. A.

1845-51. Crumbs; being ms. notes and newspaper clippings on the natural history of India. 2 vols. Original observations on the habits of the birds and mammals of India, describing the care of the young, the swimming of tigers, and other interesting happenings.

DUNN, EMMETT REID.

1926. The Salamanders of the Family Plethodontidae. 8vo. pp. viii+441. 1 pl. Southampton, Mass.

DUNN, ROBERT.

1837. The ornithologist's guide to the islands of Orkney and Shetland. 8vo. pp. 10+128. 2 maps. 1 fold. pl. London.

A collector's account of the bird life on the islands.

DUNS, JOHN [1820-?91].

n.d. Biblical natural science; being the explanation of all references in Holy Scripture to geology, botany, zoology, and physical geography. 2 vols. 4to. Vol. I, pp. vi+575. front. 20 pl. 2 maps (fold.). 111 figs. 2 indexes. Vol. II, pp. vi+624. 23 pl. 7 maps and plans (4 col. fold.). 195 figs. bibliogr. 3 indexes. London.

DUPERREY, LOUIS ISIDORE [1786-1865].

1826-30. Voyage autour du monde sur la corvette la Coquille, 1822-25. 10 vols. in 9. 4to and folio. pl. tab. maps. Zoologie par R. P. Lesson, Prosper Garnot et F. E. Guérin-Méneville. Paris. This work was not completed. For fuller contents see *British Museum Cat. (Nat. Hist.)*, vol. 2, p. 604.

DU PETIT-THOUARS, ABEL AUBERT [1793-1864].

1840-55. Voyage autour du Monde sur la frégate La Vénus. 11 vols. text. 8vo. atlas. large folio. Tome V. Zoologie, by Saint-Hilaire, F. Prevost, O. Des Murs, Duméril, et al. Paris.

DU PRATZ, LE P.

1758. Histoire de la Louisiane, etc. 3 vols. 12mo. (Wanting.) Paris.

DURAZZO, CARLO.

1840. Degli uccelli Liguri notizie. 8vo. pp. 6+95. 2 pl. index. Genova.

A local distributional list, giving both the systematic and vulgar names.

D'URBAN, W. S. M. and MATHEW, M. A.

1892. The birds of Devon. 8vo. pp. 87+459. front. (col.). 8 pl. (4 col.). 3 maps. T. of c. addenda. index. London.

292 species are recorded.

1895. The Birds of Devon. 2nd ed. with supplement. London.

The library copy is extra-illustrated by the insertion of 30 col. pl. from Lilford's *British Birds*.

DURHAM. See NATURAL HISTORY SOCIETY OF NORTHUMBERLAND, etc.**DÜRIGEN, BRUNO [1853-?1924].**

1886. Die Geflügelzucht nach ihrem jetzigen

rationellen Standpunkt. 8vo. pp. xiii+880. 80 pl. 101 figs. T. of c. index. Berlin.

An exhaustive, well-illustrated treatise on poultry raising, including fowls, turkeys, quails, swans, pigeons, ducks, and geese. Most peculiar is the naked-neck fowl, *Gallus domesticus nudicollis*, from Hungary, which came into notice as recently as 1875.

1897. Deutschlands Amphibien u. Reptilien. 8vo. pp. 684. 12 col. pl. and 47 text-figs. Magdeburg.

One of the best contributions to the modern history of mid-European amphibia and reptiles.

DÜRKEN, BERNARD [1881-].

1919. Einführung in die Experimental-Zoologie. 8vo. pp. 10+446. illust. Bibliography, pp. 404-27. Berlin.

1928. Lehrbuch der Experimental-Zoologie; experimentelle Entwicklungslehre der Tiere. 2te Aufl. 4to. pp. 12+782. illust. Bibliography, pp. 690-750. Berlin.

DURNFORD, W. ARTHUR.

1883. List of birds found in the neighbourhood of Walney Island [Lake District, England], with notes. 8vo. pp. 20. Barnsley.

DÜSSELDORF. Naturwissenschaftlicher Verein.

1884-1913. Mitteilungen 1-5 (all pub.).

DUTT, W. A.

1903. The Norfolk Broads. (Wanting.) London.

DUTTON, F. G.

1884-7. Parrots in captivity with notes on several species. See GREENE, W. T.

DWIGHT, JONATHAN, Jr. [1858-1929].

1895. The Ipswich sparrow and its summer home. 4to. pp. 56. 1 col. pl. index. Author's separate, being Memoir 11, Nuttall Ornithological Club.

Cambridge, Mass.

A well-known monograph with an excellent bibliography.

1895. The code of nomenclature adopted by the American ornithologists' union. [By a committee of the Union (J. Dwight, etc.).]

Dr. Dwight also served on the committee for most of the code revisions, including that of 1910.

DYREVAERNEFORENINGEN 'SVALEN'.

Aarsskrift for 1916-18.

This periodical is now published as the organ of a Society for the Protection of Animals generally.

EAGLE, THE.

1891. Vol. I, No. 1. April. (All issued.) 4to. Frankfurt, Ind.

EALAND, CHARLES AUBREY [1877-].

1926. The marvels of animal ingenuity; an interesting account of the curious habits & homes of many animals, birds & insects. 8vo. pp. 252. front. 7 pl. T. of c. London.

The contents of this volume are drawn from the author's larger volume entitled *Animal Ingenuity of To-Day*. The principal references to birds occur under the following headings: mimicry, p. 107; ground and underground nests, pp. 109-22; nests in trees, pp. 123-35; birds' eggs, pp. 136-44; plumage and its meaning; courtship, and migration, etc.

EALING MICROSCOPICAL AND NATURAL HISTORY SOCIETY.

1909-15. Transactions. Ealing.

→

EAST AFRICA AND UGANDA NATURAL HISTORY SOCIETY. Nairobi. 1910-date. Journal. London.

EASTBOURNE NATURAL HISTORY SOCIETY. Eastbourne, Eng. 1870-81. Transactions. Series 1. 1881-1917? Transactions. Series 2.

EASTERN PERSIA.

1876. An account of the Journeys of the Persian Boundary Commission, 1870-71-72. 2 vols. 8vo. Vol. I. The Geography, with Narratives by Majors St. John, Lovett and Euan Smith. Vol. II. The Zoology and Geography by W. T. Blanford. Numerous coloured maps and plates. pp. 437+516. indexes. London.

This classic work furnishes the best description of the fauna of Persia published to date. Blanford (and Major St. John) give a complete and scientific review of the subject, bibliography included, illustrated (with Keulemans' drawings) by 28 colored plates depicting the animal life of the country. Fish and invertebrates are few in number, the notes being chiefly confined to Mammals (32 species), Birds (248 species), Reptiles (62 species), and Amphibia (5 species), comprising in all over 2,000 specimens. See also BLANFORD, 1876. The volumes were issued at the expense of the Government of India.

EAST INDIA COMPANY.

1854-8. A catalogue of the birds in the museum. See HORSFIELD, T. and MOORE, F.

EAST KENT SCIENTIFIC SOCIETY. See SOUTH EASTERN NATURALIST.

EASTMAN, CHARLES ROCHESTER [1868-]. 1903. See ZITTEL, K. A. VON.

1907. Devonian fishes of the New York formations. (New York State Education Dept.) Albany.

1916-23. A Bibliography of Fishes. See DEAN, BASHFORD.

EATON, ELON HOWARD [1866-].

1901. Birds of western New York. pp. 64. index. (Proc. Rochester Acad. Sc., vol. IV.)

1910-14. Birds of New York. 2 vols. 4to. Vol. I, pp. 501. 42 pl. (col.). 23 maps (col., 1 fold.). 79 figs. index. Vol. II, pp. 719. 64 pl. (col.). 65 figs. index. Albany.

A comprehensive report (N.Y. State Museum) on the birds of the state with descriptions of each species is followed by an account of its distribution, haunts and habits, with in many cases photographs of its nest and eggs, etc. The 106 fine colored plates, illustrating every species, are by Louis Agassiz Fuertes. The present copy was a gift from the N.Y. State Library.

EATON, JOHN MATTHEWS.

1858. A treatise on the art of breeding and managing tame, domesticated, and fancy pigeons. 8vo. pp. 200. front. (col.). 17 pl. (col.). T. of c. London.

The first part of this work is really John Moore's (1735) 'Columbarium', with footnotes by the present author. The rest of the volume is mainly devoted to similar extracts from various other writers. See MOORE, JOHN.

EATON, WALTER PRICHARD [1878-].

[1920]. In Berkshire fields. 8vo. pp. xiii+312. front. (col.). 20 pl. (col.). 69 figs. (many col.). T. of c. New York.

Records of wanderings of a naturalist in the Berkshire Hills, many chapters of which had already appeared in *Harper's Magazine*.

EBERT, JOHANN JAKOB.

1776-8. Naturlehre fuer die Jugend. 3 vols. 8vo. Leipzig.

A rare treatise, quoted by Agassiz, ii. 315, but not by Pritzel. Not listed in the *Cat. Br. Mus. (Nat. Hist.)*.

ÉCHANGE. (*Revue Linnéenne.*) 1885-date. Lyons.

ÉCHO DU MONDE SAVANT. 1834-45. Paris. See RICHMOND, C. W.

ECKARDT, WILHELM RICHARD [1879-]. 1920. Meeresvögel. 8vo. pp. 70. 32 text-figs. index. Leipzig.

A well-written brochure on water-birds, with special reference to the anatomy and physiology of the subject.

n.d. Praktischer Vogelschutz. 8vo. pp. 90. 52 illust. in text. T. of c. Leipzig.

ECKER, ALEXANDER [1816-87].

1880. Lorenz Oken; eine biographische Skizze; Gedächtnissrede zu dessen hundertjähriger Geburtstag. 8vo. pp. 8+220. portr. Stuttgart.

ECKSTORM, Mrs. FANNIE HARDY [1865-].

[1901]. The bird book. 8vo. pp. xii+281. 56 figs. 1 map. T. of c. append. index. Boston.

A popular school book.

?1904. The Woodpeckers.

ECONOMIC NATURALIST. 1887.

Huddersfield.

EDER, ROBERT.

1908. Die Vögel Niederösterreichs. Mödling bei Wien. (Wanting.)

EDINBURGH FIELD NATURALISTS' AND MICROSCOPICAL SOCIETY.

1881-date. Transactions.

EDINBURGH JOURNAL OF NATURAL AND GEOGRAPHICAL SCIENCE. 1829-31.

EDINBURGH JOURNAL OF NATURAL HISTORY AND OF THE PHYSICAL SCIENCES. 1835-40.

EDINBURGH NEW PHILOSOPHICAL JOURNAL.

1826-54.

1855-64. New series.

EDINBURGH PHILOSOPHICAL JOURNAL (continued as *Edin. New Philo. Journ.*). 1819-26.

EDWARD, of Norwich, 2nd duke of York [1373?-1415].

1904. The master of game, by Edward, second duke of York. The oldest English book on hunting; ed. by Wm. A. and F. Baillie-Grohman, with a foreword by Theodore Roosevelt. folio. pp. liii+(1)+286. front. (col.). 51 pl. T. of c. bibliogr. glossary. index. London.

Not only the oldest but the most important work on the chase in the English language that has come down to us from the Middle Ages. Written between the years 1406-13 the greater part of the book is a careful translation from Count Gaston de Foix's *Livre de Chasse*, the most famous hunting book of all times. Of the 36 chapters in the *Master of Game* only five are original (printed in italics) but these, as well as the numerous interpolations made by the translator, are of the greatest importance to the student of Venery, as showing the changes that had been introduced into Britain in the three hundred and two score years since the conquest, when the French language and French hunting customs became established on English soil. Only 600 copies with these fine plates were printed, of which the present copy is No. 39.

← Echalaz, (1907). History of the Echalaz collection in the Waterloo Museum, Liverpool.
part., 24 pls.

* Eckstein, G. 1932. *Lives*. The private lives of a family of Rats, two parrots,
seven cats, one Macaw, one Pigeon, three turtles, nine bananas, one human being
and a million cock roaches. 840, cloth, pp 216. New York. In lib.
Ecological Monographs. Quarterly. Duke University Press. Durham. N.C.

1894. Camp fires of a naturalist. 304p. 13 pls., New York.

A story of 14 exped. into North American mammals from field notes of L. L. Dyche.

EDWARDS, ALPHONSE MILNE. See MILNE-EDWARDS, ALPHONSE.

EDWARDS, C. E.

1893. Camp-Fires of a Naturalist, etc. 8vo. (Wanting.) London.

EDWARDS, GEORGE [1694-1773].

1743. A natural history of birds. Most of which have not been figur'd or describ'd, and others very little known from obscure or too brief descriptions without figures, or from figures very ill designed. Containing the figures of sixty birds and two quadrupeds, engrav'd on fifty-two copper plates, after curious original drawings from life, and exactly colour'd. With full and accurate descriptions. folio. London.

A covering title with the motto, 'Natura semper eadem, sed Artes sunt variae', which might properly apply to the arrangement of this 'vol. I' in which it appears. Following this title-page is 'A natural History of Birds', 1747, Part II, (q.v.). The various issues, editions, and translations of George Edwards' treatises were issued so irregularly and in such confusing combinations that it is very difficult to catalogue them. The Compiler may well be criticized for the present method of collation and annotation of the numerous writings of the author, whether published in English or other languages.

1745-51. Histoire naturelle d'oiseaux peu connus. 2 vols. London.

Excerpt from the French translation of *Uncommon Birds*.

1747. A natural history of birds, most of which have not been figured or described, and others very little known from obscure or too brief descriptions without figures, or from figures very ill designed: containing the figures of sixty-one birds and two quadrupeds, engrav'd on fifty-three copper plates, after curious original drawings from life, and exactly colour'd. With full and accurate descriptions. To which is added, an appendix, by way of illustration. Part II. folio. pp. xxiii+126. 104 col. pl. (100 birds). 1 col. map. index. Printed for the Author. Part of 'Vol. I'. London.

One of the irregularly issued portions of the famous Natural History.

[1750?] A natural history of uncommon birds, and of some other rare and undescribed animals, quadrupeds, reptiles, fishes, insects, etc. Exhibited in three hundred and sixty-two copper-plates, from designs copied immediately from nature, and curiously coloured after life. With a full and accurate description of each figure. To which is added, A brief and general idea of drawing and painting in water-colours; with instructions for etching on copper with aqua-fortis: likewise some thoughts on the passage of birds; and additions to many subjects described in this work. In seven parts. Vol. I. London.

The above title is bound with a number of works of George Edwards. It bears no date and there is little to indicate the 'seven parts'.

1750. A natural history of birds, the most of which have not hitherto been figured or described, and the rest, by reason of obscure, or too brief descriptions, without figures or of figures very ill design'd, are hitherto but little known. This part exhibits the representations of fifty-nine birds, engraven on fifty-two copper plates, and coloured in their natural and proper colours, after curious original paintings, designed from the life:

with a full and accurate description of each bird. Part III. folio. pp. 1. London.

The cover title of 'Vol. II' in the E.S.W. Library of Ornithology.

1751. A natural history of birds. The most of which have not hitherto been either figured or described, and the rest, by reason of obscure, or too brief descriptions without figures, or of figures very ill designed, are hitherto but little known. Containing the representations of thirty-nine birds, engraven on thirty-seven copper-plates after curious original drawings from life; together with a full and accurate description of each. To which are added by way of appendix, sixteen copper-plates, representing the figures of many curious and undescribed animals, such as quadrupeds (both land and amphibious), serpents, fishes and insects: the whole containing fifty-three copper-plates, which is the full number given in each of the foregoing parts of this work. Every bird, beast, etc. is colour'd from the original painting, according to nature. Part IV and last. folio. pp. iv+248. 105 col. pl. (89 birds). Printed for the Author.

Appended: A Catalogue of the Names of the Birds, Beasts, etc., described in the third and fourth part of this work; in Latin and English.

London.

This is probably a portion of the second edition published by Robson, although there is little to indicate that probability. The two titles are bound together as vol. II of Edwards' works in the present copy.

1758. Gleanings of natural history, exhibiting figures of quadrupeds, birds, insects, plants, etc. most of which have not, till now, been either figured or described. With descriptions of seventy different subjects, designed, engraved, and coloured after nature, on fifty copper-plate prints. folio.

London.

1760. Gleanings of natural history, exhibiting figures of quadrupeds, birds, fishes, insects, etc. most of which have not, till now, been either figured or described. With descriptions of one hundred different subjects, designed, engraved, and coloured after nature, on fifty copper-plate prints. Part II. London.

n.d. Glanures d'histoire naturelle, consistant en figures de quadrupedes, d'oiseaux, d'insectes, de plantes, etc. dont on n'avoit point encore eu, pour la plus part, de desseins, ou d'explications; avec les descriptions de soixante et dix differents sujets, dessinés gravés, et colorés d'après nature, en cinquante planches. Tome cinquieme. . . . Traduit de l'Anglois par J. Du Plessis. folio. pp. 1+220. 100 col. pl. (78 birds).

This is the common French-English printing of this famous work on zoology, published as vol. III in the copy in hand.

1764. Gleanings of natural history, containing figures of quadrupeds, birds, insects, plants, etc. most of which have not, till now, been either figured or described. With descriptions of eighty-five different subjects, designed, engraved, and coloured after nature, on fifty-two copper-plate prints. Part III. folio. London.

The above (dated) title-page covers and includes the following (undated) French title.

n.d. Glanures de l'histoire naturelle, consistantes en figures de quadrupedes, d'oiseaux, d'insectes,

[EDWARDS, G. (contd.)]

de plantes, etc. dont on n'avoit point eu, pour la plupart, de desseins, ou d'explications: avec les descriptions de quatre vingt cinq sujets différents, dessinés, gravés, et colorés d'après nature, en cinquante deux planches. III^eme partie. . . . Traduite de l'Anglois par Mr. Edmond Barker. folio. pp. 2+xxxv+vii+221-347. 100 col. pl. (78 birds).

This title and the previous one constitute 'Vol. IV' of the present series of Edwards' works. At the end of this volume is a Catalogue of the Names of the Birds, Beasts, Insects, etc. figured in the third part of the *Gleanings*, etc., in English, French and Latin. The foregoing is a continuation of the *Natural History of Uncommon Birds*.

1770. Essays upon natural history and other miscellaneous subjects; to which is added a catalogue, in generical order of the birds, beasts, fishes, insects, plants, etc., contained in [his] natural history. 8vo. pp. viii+231. portr. London.

The essays in this volume are mostly copied from the author's *Gleanings of Natural History*. The treatise ends with a catalogue in both English and French (on opposite pages) of the names of the animals and plants, with an index of the illustrations as well as the plate numbers, described and depicted therein. The work is rather scarce.

1771. The natural history of Carolina, Florida, and the Bahama Islands; &c. By the late Mark Catesby. Revised by Mr. Edwards. See CATESBY, M.

1772-81. Verzameling van uitlandsche en zeldzaame Vogelen, benevens eenige vreemde Dieren en Plantgewassen; door G[eorge] Edwards en M[ark] Catesby; in't Hoogduitsch uitgegeven door J. M. Seligmann, thans in't Nederduitsch vertaald en met aanhaalingen van andere Authoren verrijkt, door M[artin] Houttuyn. 5 vols. in 4. folio. 453 (of 473) col. pl. Amsterdam.

This Dutch translation of Huth's German edition includes, like it, Edwards' *Natural History of Uncommon Birds* and his *Gleanings of Natural History* as well as Catesby's *Natural History of Carolina*, etc. Huth entitled his work *Sammlung verschiedener ausländischer und seltener Vögel*, with new plates, some of them original. Altogether this rare version, excellently executed, is valuable for text and plates. Vols. IV and V in the present copy are from the library of John Lewis Childs.

1776. A catalogue of the birds, beasts, fishes, insects, plants, etc. contained in Edwards's *Natural History*, in seven volumes, with their Latin names by Sir C. Linnaeus. See LINNAEUS, CAROLUS.

1776. [A reprint of the papers communicated to the Royal Society.] See ROBSON, J. Some memoirs of the life and works of George Edwards.

1805? A natural history of birds. 2 vols. London. A late reprint from the author's original treatise.

1805-6. Gleanings of natural history. 2 vols. London.

EDWARDS, GEORGE, of Market-Lavington.

[1814]. A discourse on the emigration of British birds. 8vo. pp. xv+64. London.

?1814. See LEGG, JOHN.

EDWARDS, HENRI MILNE. See MILNE EDWARDS, HENRI.

→ EGEDE, HANS [1686-1758].

1745. A Description of Greenland. 1 vol. 8vo. Translated from the Danish edition of 1729. London.

EGGS. The official organ of the Scientific Poultry Breeders Association [weekly]. Vol. 4, no. 4. 4to. (Dated 1921.) [Rudwick.]

EGYPT. Government Zoological Gardens. See GIZEH.

****. Ministry of Finance.

1923. Catalogue of Publications in Store. Cairo.

****. Zoological service.

1913-24. Report for 1912-23. 3 vols. pl. 8vo and 4to. Cairo.

****. See ZOOLOGICAL SOCIETY OF EGYPT.

EHA. (Pseudonym.)

1894. A Naturalist on the Prowl; or in the Jungle. 8vo. illust. London.

A very interesting and popular account of wild life in India written by a newspaper correspondent for a Calcutta journal. See AITKEN, E. H.

EHRENBAUM, E. See FAUNA ARCTICA, 1900-28. Fish of the Arctic regions.

EHRENBERG, CHRISTIAN GOTTFRIED [1795-1876].

1828-45. Symbolae Physicae, seu Icones et descriptiones Corporum Naturalium novorum, etc. Pars Zoologica. 4 vols. folio. col. illust. Berlin.

This important treatise with its contributions to vertebrate zoology contains chapters on mammals and birds by Ehrenberg and, in a later supplement (1899), additional matter on the same subjects by P. Matschie; reptilia by G. Tornier; pisces by F. Hilgendorf. The E.S.W. Library has a separately bound volume, dated 1828-33, with the Aves, by C. G. Ehrenberg, 10 col. pl. and descriptive letterpress. A part of this volume was not published until 1833.

1899. Icones adhuc ineditae, [etc.]; publico usui obtulerunt O. Carlgren, F. Hilgendorf, E. V. Martens, P. Matschie, G. Tarnier, W. Weltner. Zoologica. pp. [4]+65+24 pl. Berolini.

EHRENKREUTZ, VON (Baron).

1864. Das Ganze der Angelfischerei, etc. 8th ed.

EHRMANN, P. 1929. See BROHMER, P.

EICHWALD, CARL EDUARD VON [1795-1876].

1841. Fauna Caspio-Caucasia. pp. iv+233. 40 col. pl. Petropoli.

EIGENMANN, CARL H.

1893. South American Fishes. San Francisco. A compendium describing most of the common and some of the rarer species.

1903-10. See PRINCETON UNIVERSITY.

1909. The fresh water fishes of Patagonia and an examination of the Atchiplata-Archhelenis theory. folio. pp. 150. illust. pl. (Princeton Univ. Expeditions to Patagonia, 1896-9. Reports, 1909, vol. 3, pt. 3.) Princeton.

1912. The Freshwater Fishes of British Guiana, including a study of the Ecological grouping of species, and the relation of the Fauna of the plateau to that of the lowlands. 4to. pp. xx+578. 71 pl. (1 col.). 33 maps. text illust. Separate of the Carnegie Institute Museum Memoirs, vol. 5. Pittsburgh.



→ Eigenmann, C.H. & P.S. 1890. Revision of the South American
Nematognathi or Cat Fishes. Calif. Ac. Sci. San Francisco.

61.
Een schoon medicijnboeckje tracterende van d'ye natuerlijke crancheyt
alder dieren. 4to. Antwerp, by de Weduwe van Henrick Pietersen. (Title in
red and black. Printed in Gothic letter. Woodcut on title page. Orig. vellum)
Edwards, S.T. 1800[E03]. Cyrographia Britannica. 4to. 8(1712) col. pl.

→ Eimer, 1878. Die Medusen. 15 pls. Tübingen.

→ Gipper, Paul. 1930. Animal Children. With 32 portrait studies.

8vo, cloth, 14s 7d.

New York.

Ellist, D.G. 1874. Life & Habits of wild Animals, ill. folio. 10/-

→ ~~W.A.~~ Glid, W.A. 1925. Birds of the Pacific Coast. 211 p.

EIMBECK.

1829. Beschreibung eines bisher nicht bekannten sehr auffallend gebildeten Deutschen Wasservogels nebst einer verhältnissmässigen Abbildung in halber Lebensgrösse. 4to. pp. 4+4. pl.

Braunschweig.

A contribution to the study of the genus *Anas*.

EIMER, GUSTAV HEINRICH THEODOR [1843-98].

→ 1888-1901. Die Entstehung der Arten auf Grund von Vererben erworbener Eigenschaften nach den Gesetzen organischen Wachstums. 3 vols. 8vo. illust. pl.

Leipzig.

This philosophic treatise was issued in three parts, the second volume in 1897.

EINZELDARSTELLUNGEN AUS DEM GEBIET DER ANGEWANDTEN NATURWISSENSCHAFTEN. 1920-date. Munich.**EIPPER, PAUL.**

→ 1929. Animals looking at you. 8vo. pp. 10+163. pl.

New York.

EKSTRÖM, C. ULRICH [1781-1859].

1835. Die Fische in den Scheeren von Mörkö (Schweden). pp. 290. 6 pl.

Berlin.

A rare and early contribution to the study of Swedish fishes, translated from the Swedish with notes by F. C. H. Creplin. Not listed in the *Cat. Br. Mus. (Nat. Hist.)*.

1893-5. See FRIES, B.

ELAND, G.

1923. In Bucks; a 2nd and enl. ed. of Old works and past days in rural Buckinghamshire. 8vo. pp. viii+129. front. (map fold.). 12 pl. 3 figs. (plans). T. of c. index.

Aylesbury.

ELBERFELD. Naturwissenschaftlicher Verein in Elberfeld (und Barmen).

1847-date. Jahresberichte. [The words 'und Barmen' were dropped between 1867-8.]

******. Naturwissenschaftliche Gesellschaft.**

1878-80. Jahresberichte 1-2 (all pub.).

ELDON, CHARLES H.

1919. The passenger pigeon in Pennsylvania. See FRENCH, J. C.

ÉLEVEUR. (Paris.) 1885-date.**ELGEE, FRANK.**

1912. The moorlands of north-eastern Yorkshire. 8vo. pp. xvi+360. front. 39 pl. (1 col.). 14 figs. (9 maps). 3 maps (col. fold.). T. of c. append. index.

London.

The principal references to the fauna will be found in chapter XIV.

EL HORNERO. See HORNERO, EL.**ELIOT, WILLARD AYRES.**

1923. Birds of the Pacific Coast. Including a brief account of the distribution of 118 birds that are more or less common to the Pacific Coast States, etc. 8vo. pp. xvii+211. front. 56 col. pl. T. of c. index.

New York and London.

A popular but well-written account of bird life bordering the North American Pacific Coast region. An appendix gives a systematic list (including the common names) of birds found in British Columbia, Washington, Oregon and California.

ELLENBERGER, WILHELM [1848-1925] and **BAUM, HERMANN**

1926. Handbuch der vergleichenden Anatomie der Haustiere. 16 aufl. Berlin.

ELLIOT, DANIEL GIRAUD [1835-1915]

[1864]-65. A monograph of the *Tetraoninae*: or, family of the grouse. *double elephant folio*. pp. (20) + (52). 27 pl. (col., 2 eggs). T. of c. bibliogr.

New York.

The first of a series of magnificent monographs, for the preparation of which this author is famous. The present work was published in five parts; pts. I-II, 1864; III-V, 1865 (according to Coues). Twenty-five species are treated in this monograph, all the *Tetraoninae* known at the time, the illustrations by the author and J. Wolf. Two colored plates of eggs (60 figs.) are by Wm. S. Morgan. The original cover to part I bearing the date 1864 is bound in at the end of the volume.

[1866]-9. The new and heretofore unfigured species of the birds of North America. 2 vols. *folio*. Vol. I, pp. (32)+(58). 29 pl. (col.). 18 figs. T. of c. Vol. II, pp. (4)+(88). 43 pl. (col.). 5 figs. T. of c.

New York.

Published in 15 parts; pts. I and II, 1866; III-VIII, 1867; IX-XII, 1868; XIII-XV, 1869, according to Coues and *Ibis*. The introduction, which appeared in pts. XIV and XV, treats of 32 species not given in the general text. The genus *Exanthemops* is a new one. The colored illustrations are by the author, J. Wolf, and Edw. Sheppard.

[1870]-2. A monograph of the *Phasianidæ* or family of the pheasants. 2 vols. *el. folio*. Vol. I, pp. (4)+xxx+(6)+(78). 33 pl. (31 col.). T. of c. Vol. II, pp. (6)+(108). 48 pl. (col.). T. of c.

New York.

Issued in six parts, the original covers of which are bound in at the end of vol. II, the first bearing the date of June 1870, and the last that of March 1872, which, however, was not issued until October. Considered by many to be Elliot's finest monograph. The hand-colored plates by J. Wolf and J. Smit are excellent. The original charcoal drawings by the former artist, from which the 79 colored lithographs illustrating this work were copied, are now in the Blacker Library and are described under 'Original drawings by Joseph Wolf' and include 16 others also, which, although originally intended for this work, were never published.

1873. A monograph of the *Paradiseidae*, or birds of paradise. *folio*. pp. 32+[90]. 37 pl. Bibliography, pp. 9-15 in pref.

London.

→ 1877-82. A monograph of the *bucerotidæ*, or family of the hornbills. *folio*. pp. xxxii+(2)+146. 60 pl. (57 col.). 7 figs.

London.

This fine monograph was issued in ten parts, the dates of publication being slightly confused. In the present copy, in which the covers to the parts are bound in at the end of the volume, pt. I bears date 1877, and pt. X, that of 1882, the introductory matter apparently appearing in this part, as well as the two plain plates of generic characters, and one of the head of *Pholidophalus casuarinus*, by J. Smit. The remaining 57 fine colored plates are by J. G. Keulemans.

1878. On the fruit-pigeons of the genus *Ptilopus*. 8vo. pp. 500-75. 2 pl. (col.). 6 figs. bibliogr.

[London.]

Extracted from the *Proc. Zool. Soc. Lond.*, May 7, 1878, without alteration of pagination. In the Key to these pigeons which inhabit the Pacific Islands, 71 species are recognized and fully described. They are divided into two great groups, characterized by having the breast feathers bifurcated or not bifurcated. The two colored illustrations are by J. Smit.

1878. A classification and synopsis of the *Trochilidae*. *folio*. pp. xii+277. 127 figs. T. of c. append. 4 indexes.

Washington.

A beautiful monograph on the Humming-birds, with keys to the genera and species. The various signatures are dated April 1878 to March 1879, but the entire work was published in April 1879, according to a statement on page xiv of the table of contents of Vol. XXIII of the 'Smithsonian Contributions', of which the present paper forms article V.

[ELLIOT, D. G. (contd.)]

1883. A monograph of the felidæ or family of the cats. *folio. pp. 16+108. 43 col. pl.* Each plate has from 1 to 5 separately paged descriptive texts. *London.*

In the Blacker Library are 60 original charcoal sketches by Joseph Smit, drawn to illustrate this fine monograph—among the best illustrated of the numerous treatises by Elliot. Of these, 43 were reproduced in the present work; the remaining 17 were not so utilized.

1885. See KINGSLEY, J. S., ed., 1885.

[1888]. The Riverside natural history. See KINGSLEY, J. S.

1893-5. A monograph of the Psittidae, or family of ant-thrushes. *folio. pp. 23. 1 tab. 51 col. pl.* *London.*

The second edition (the first published in 1867 with 31 plates only) of this charming atlas, with descriptive text.

1895. North American shore birds, a history of the snipes, sandpipers, plovers and their allies . . . of North America. *4to. pp. xvi+17-268. front. 72 pl. 1 diagr. 2 figs. T. of c. glossary. append. index.* *New York.*

This remarkably well-prepared monograph is a popular but scientific account, the appendix containing keys to the families. The present copy is number 42, large paper edition, of which only 100 copies were issued, autographed by the author. It is also a presentation copy.

1897. The gallinaceous game birds of North America including the partridges, etc. *8vo. pp. xviii+220. front. 45 pl. 1 color chart. T. of c. append. index.* *London.*

Short accounts of 46 species, with illustrations by Edwin Sheppard. The volume forms a companion to the author's *North American Shore Birds*, 1895. A second printing appeared in New York a month after this first edition.

1898. The wild fowl of the United States and British possessions; or, The swan, geese, ducks and mergansers of North America. *8vo. pp. xxii+316. front. (portr.). 63 pl. T. of c. append. index.* *New York.*

A companion volume to the author's *North American Shore Birds*, 1895, and *The Gallinaceous Game Birds of North America*, 1897, being a popular account of 63 species. The illustrations are by Edwin Sheppard, D. G. Elliot, and J. Wolf.

1901. A synopsis of the mammals of North America and the adjacent seas. *8vo. pp. 14+471. 49 pl.* (Publication of the Field Columbian Museum. Zoological series, vol. II.) *Chicago.*

A useful systematic and technical treatment of the subject in the author's best style.

1902. See ROOSEVELT, THEODORE, 1902.

1903. List of mammals from . . . North California and Oregon. *Chicago.*

1903. New Mammals from California, etc. *Chicago.*

Author's reprint.

1904. The Land and Sea mammals of Middle America and the West Indies. *8vo. pp. 21+850. 68 pl. text-figs.* (Field Columbian Museum. Zoological series.) *Chicago.*

An excellent treatise and work of reference. An appendix to the 'Synopsis'.

1904. Catalogue of Mammals from South California. *12 pl.* *Chicago.*

Author's separate, from Publications of the Field Museum. Zoological Series.

1905. A check list of mammals of the North American continent, the West Indies and the

neighboring seas. *8vo. pp. 4+761. pl.* (Publications of the Field Museum. Zoological series.) *Chicago.*

A supplement was published in New York, 1917.

1907. A catalogue of the collection of mammals in the Field Columbian Museum. *Chicago.*

1913. A review of the Primates. *3 vols. 8vo. Monograph Series, Amer. Mus. Nat. Hist. Vol. 1, pp. cxxvi+317+xxxviii. 32 pl. (10 col.). Vol. 2, pp. xviii+382+xxvi. 39 pl. (8 col.). Vol. 3, pp. xiv+262+clxviii. 39 pl. (8 col.).* *New York.*

ELLIOT, GEORGE FRANCIS SCOTT.

1896. A Naturalist in Mid-Africa. *8vo. pp. xvi+413. 14 pl. 3 maps.* *London.*

1901. Fauna, Flora, and Geology of the Clyde area. *8vo. pp. 10+567. 1 map.* *Glasgow.*

Issued as a British Association Hand-Book for the Glasgow meeting, 1901. The mammals are described by H. B. Watt, the Birds by J. Patterson, the Reptilia and Amphibia by A. Brown, and the Marine and Freshwater Fishes by T. Scott and A. Brown.

ELLIOT, H. S. R. and THACKER, A. G.

1909. Beasts and men. See HAGENBECK, C.

ELLIOT, WALTER [1803-87].

1840. A catalogue of the species of Mammalia found in the southern Mahratta country; with their synonymes in the native languages in use there. *8vo. pp. 2+43.* (*Madras Journal of Literature and Science*, vol. 10, 1839. Interleaved with MS. notes. Presentation copy from author.) *Madras.*

ELLIOTT, HENRY WOOD [1846-?1929].

1886. Our arctic province; Alaska and the seal islands. *8vo. pp. xv+473. front. 48 pl. 5 maps (1 fold.). 43 figs. T. of c. index.* *New York.*

The principal references to the birds will be found on pp. 208-24, relating more especially to the birds of the Pribylov Islands. Published also in London under the title *An Arctic Province*, 1886.

ELLIOTT, WILLIAM [1788-1863].

1867. Carolina sports by land and water; including devil-fishing, wild-cat, deer and bear hunting, etc. *8vo. pp. vi+292. T. of c.*

New York and London.

Another record of the wanton destruction of defenceless animals by a 'sportsman'. It mostly refers to the murder of mammals, but there is a short chapter at the end of the volume 'of the birds which are the objects of sport'.

ELLIOTT SOCIETY OF NATURAL HISTORY.

Charleston, S.C.

1857-60. Journal (all pub.).

1853-90. Proceedings (all pub.).

ELLIS, HENRY [1721-1806].

1748. A Voyage to Hudson's Bay . . . in . . . 1746 and 1747 . . . with . . . a short Natural History of the Country. *1 vol. 8vo. pp. xxviii+336. 9 pl. 1 map.* *London.*

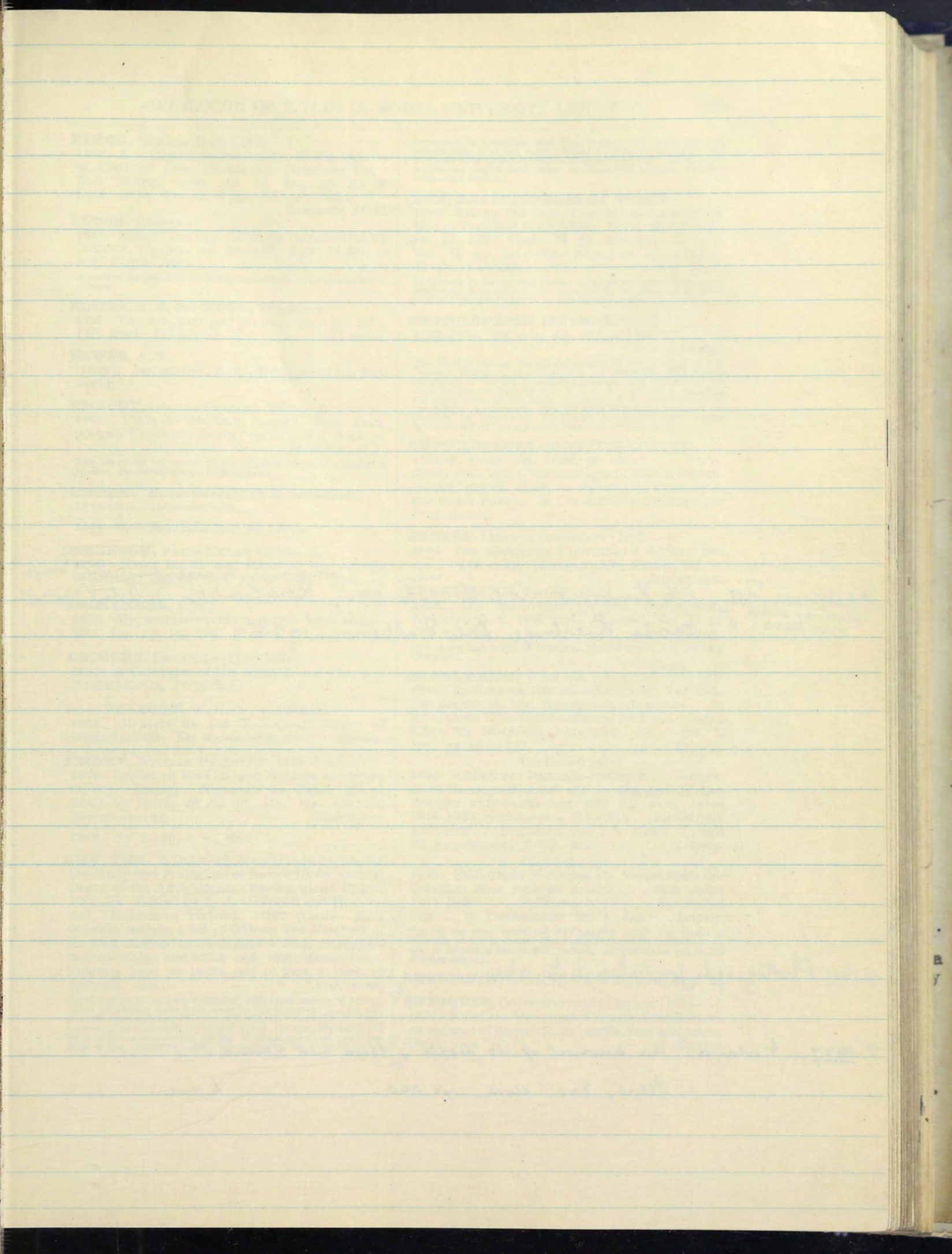
There is a German translation and several other editions of this rather rare voyage.

ELMS, EDWARD FURNESS MARSON [nat. 1878].

1906. A pocket-book of British birds. *8vo. pp. vii+150. index.* *London.*

[1921]. Our resident birds and how to know them. *8vo. pp. 126. front. 14 pl. T. of c. index.* *London.*

1923. Our migrant birds and how to know them. *12mo. pp. 126. 8 pl. T. of c. index.* *London.*



Engelmann, Fritz. Die Raubvögel. Ordered another copy, ^{for use in translating the Emp.} ~~Ron~~ Federick's De Arte Venandi
" " meine Lieblinge Die Falken, 1925

→ 1901. Photography for naturalists. illus.

→ 1927. Malaya. An account of its people, Flora and Fauna.
Illus, 8vo, cloth, pp 303. London.

ELROD, MORTON JOHN [1863-].
1902. A biological reconnaissance in the vicinity of Flathead Lake [Montana]. (Montana Univ. Bull. Biolog. Series, No. 3.) 8vo. pp. 2+92. front. 29 pl. 2 maps. 3 figs. bibliogr. index.
Missoula, Mont.

ELTON, CHARLES.
1927. Animal Ecology. With an Introduction by Julian S. Huxley. pp. 20+207. 8 pl. 13 figs. in text. T. of c. index.

A modern discussion of the intimate social life and environment of animals.

ELWES, A. J. and WOOD, THEODORE.
1905. The zoo, past and present. 8vo. pp. xii+147. front. 103 figs. T. of c.
London.

ELWES, A. T.
[1898]. See SHARPE, R. B. Wonders of the bird world.

EMBODY, GEORGE CHARLES [1876-].
1901. Birds of Madison County, New York. (Colgate University theses.) pp. 36+30 ll. front. pl.
Hamilton, N.Y.

This list covers 191 species with a hypothetical list of a further 16 species. Presentation copy from author.

EMDEN. Naturforschende Gesellschaft.
1815-date. Jahresbericht.

1855-99. Kleine Schriften (all pub.).

EMERSON, PETER HENRY [1856-].
1895. Birds, beasts and fishes of the Norfolk broadland. 2nd ed. 8vo. pp. 16+396. illust. pl.
London.

EMMANUEL, S. M.
1925. My wonder-world; a nature lover's paradise. 8vo. pp. 14+266. 10 pl.
Cambridge.

EMMONS, EBENEZER [1799-1863].
1833. A Catalogue of the Animals and Plants of Massachusetts. (Wanting.)

****, **PEABODY, W. B. O., and others.**

1838. Reports on the Zoological Survey of Massachusetts. See MASSACHUSETTS. Boston.

EMORY, WILLIAM HELMSLEY [1811-?82].
1859. Report on the U.S. and Mexican Boundary Survey. Zoology. Mammals by Baird, 27 pl. Birds by Baird, 25 col. pl., etc. 4to. See also UNITED STATES. Washington.

1859. See BAIRD, S. F., 1859.

EMU, THE. A Quarterly Magazine to popularize the Study and Protection of Native Birds. Official Organ of the Australasian Ornithologists' Union, 1900-30. Edited by A. J. Campbell and H. Kendall. Melbourne, Victoria; other places. Most volumes contain a list of Officers and Members of the Australasian Ornithologists' Union. Numerous colored plates and black and white illustrations. Volumes have an index and in part a table of contents. 8vo. Melbourne.

Contributions on subjects connected with every branch of Australasian ornithology have been made to this important journal, and it is still vigorously and effectively 'in progress'. Descriptions of new species, often illustrated by colored plates, are regularly published by members, domestic and foreign, of the R.A.O.U. of which the *Emu* is the accredited organ. The names of most ornithologists

interested in Australian and New Zealand bird protection and culture (who lived and worked during the past three decades) will be found at the head of original articles. There are also valuable reviews of papers from other ornithological journals touching antipodean avifauna.

(THE) ENCYCLOPEDIA OF SPORT.

1898. Ed. by the Earl of Suffolk and Berkshire, Hedley Peek and F. G. Afalo. 2 vols. 4to. Vol. I, pp. ix+632. front. 19 pl. text-figs. T. of c. Vol. II, pp. vii+655. front. 19 pl. text-figs. T. of c. 2 indexes. New York.

References to the natural history of game and shore birds occur throughout both volumes, accompanied by 18 plates by A. Thorburn and many text-figures by various other artists.

ENCYCLOPÉDIE MÉTHODIQUE.

1782-1832. 196 vols. 4to. text and pl.
Paris and Liège.

The Blacker Library has all the natural history volumes of this immense dictionary and cyclopedia, to which the chief French naturalists of the day contributed sections. The majority of the contributions are from the pen of L. J. M. Daubenton, including the quadrupeds, whales, birds, and fishes. A. G. Desmarest wrote the caption *Mammalogie*, while the Abbé Bonnaterre furnished the chapters on herpetology, ophiology, ichthyology, etc. Tables incorporating the three natural kingdoms are also given.

ENCYCLOPÉDIE ORNITHOLOGIQUE.

1925-8. 3 vols. 4to. illust. pl. diagr. Paris.
CONTENTS. Vol. 1. Ornithologie du Sahara Septentrional, par H. Heim de Balsac. 2. L'autruche, par Henri Poisson. 3. Les corvidés d'Europe par Paul Madon.

ENGELL, MAGNUS CORNELIUS [1869-].
1899. Om Elefantens Udbredelse i Afrika. 8vo. pp. 4+162. map. (Zoogeografiske Studier, 1.)
Kjøbenhavn.

ENGELMANN, FRIEDRICH.
1928. Die Raubvögel Europas. Naturgesch., Kulturgesch. u. Falknerei. 10 parts. 4to. 36 pl. 505 text-figs. Neudamm.
One of the best works on European birds of prey. It is profusely illustrated.

ENGELMANN, WILHELM [1808-78].
1846. Bibliotheca Historico-Naturalis. Verzeichniss der Bücher über Naturgeschichte welche . . . in den Jahren 1700-1846 erschienen sind, etc. (Index Librorum Historiam Naturalem, etc.). Bd. I. 8vo. pp. viii+786. Leipzig.

Continued as:

1861. Bibliotheca Historico-Naturalis . . . Supplement-Band, enthaltend die in den periodischen Werken aufgenommenen und die vom Jahre 1846-1860 erschienenen Schriften. (Bibliotheca Zoologica . . . bearbeitet von J. V. Carus . . . und W. Engelmann.) 2 Bd. 8vo. Leipzig.

Continued as:

1886. Bibliotheca Zoologica II. Verzeichniss der Schriften über Zoologie welche . . . vom Jahre 1861-1880 . . . erschienen sind . . . Bearbeitet von . . . O. Taschenberg. Bd. I. 8vo. Leipzig.

One of the most important bibliographic serials and works of reference in any language. The Compiler is greatly indebted to its use in preparing the present volume. Complete files are in the Blacker Library.

ENGLISH, DOUGLAS, ed. See WILD LIFE, 1913-18.

ENRIQUEZ, COLIN METCALFE DALLAS [1884-].
1927. Kinabalu, the haunted mountain of Borneo; an account of its ascent, its people, flora and fauna. illust. map. London.

DR. CASEY WOOD
HOTEL DE RUSSIE
ROME, ITALY

→ **PEPPER FOREST AND COUNTY OF ESSEX NATURALISTS' FIELD CLUB.**
See ESSEX FIELD CLUB.

ERCOLANI, GIOVANNI BATTISTA [1819-83].
1881. Accademia delle scienze dell' Istituto di Bologna dalla sua origine a tutto il 1880. 8vo. pp. 2+278. Bologna.

EREBUS AND TERROR.

1844-75. The Zoology of the Voyage of H.M.S. Erebus and Terror . . . during 1839-43, etc. 2 vols. 4to. illust. London.

These well-known publications, based on discoveries made by the expedition in search of Sir John Franklin, affected both Arctic and Antarctic flora and fauna. The latter were reported upon chiefly by Sir J. Richardson, J. E. Gray, and Sir J. D. Hooker. See also RICHARDSON, J.

ERGENISSE DER ANATOMIE UND ENTWICKLUNGSGESCHICHTE. ~~See next~~
~~SCHRIFT FÜR DIE GESAMTE ANATOMIE.~~

→ **ERGENISSE DER HAMBURGER MAGALHAENSISCHEN SAMMELREISE.**
1896-1908? Hamburg.

ERGENISSE UND FORTSCHRIFTE DER ZOOLOGIE.

1909-26. Spengel und Becher. Vols. I-VI. Jena.

ERHARD, H. 1921. See BURCKHARDT, RUDOLPH.

ERICSON, RHEINHOLD. 1920. See GYLING, OLOF.

ERLANGER, CARLO, Freiherr VON [1872-].
1901. Utazás Tuniszon at; fordította, bevezetettel és jegyzetekkel ellátta Kormos Tivadár. pp. 105+[2]. portr. Budapest.

1908. Katalog der Collection von Erlanger in Nieder-Ingelheim. 8vo. pp. 8+528. portr. Berlin.
The collection referred to was largely African, comprising nearly thirteen thousand bird skins and over eleven hundred clutches of birds' eggs, the property of the late Carl von Erlanger.

ERMAN, ADOLPH GEORG [1806-77].
1833-48. Reise um die Erde durch Nord-Asien in 1828-30. 5 vols. illust and atlas. 8vo and folio. Berlin.

The Atlas contains the natural history portion of the voyage records—von Thieren und Pflanzen, 17 pl. (2 col.). It is a classic travelogue with an account of many species new to science.

ERXLEBEN, JOHANN CHRISTIAN POLYCARP [1744-77].

1773. Anfangsgründe der Naturgeschichte. 2nd ed. 6 pl. Göttingen.

1777. Systema Regni Animalis per classes, ordines, genera, species, etc. Classis I. Mammalia. 8vo. pp. 48+636+64. (All pub.) Lipsiae.

One of the important contributions to the study and controversial literature of eighteenth-century classification.

ESCHRICHT, DANIEL FREDERIK [1798-1863].

1844-[8]. Undersøgelser over Hvaldyrene. 6 vols in 1. 4to. illust. pl. (K. Dansk Videnskab. Selskab.) Kjøbenhavn.

1861. Om nordhvalen (Balaena mysticetus L.) navnlig med hensyn til dens udbredning i fortiden og nutiden og til dens ydre og indre særkender. Kjøbenhavn.

1869. Ni Tavler til oplysning af Hvaldyrenes Bygning, med tilhørende Forklaring. 4to. pp. 14. pl. (K. Dansk Videnskab. Selskab.) Kjøbenhavn.

ESCHSCHOLTZ, JOHANN FRIEDRICH VON [1793-1831].

1829-33. Zoologischer Atlas enthaltend Abbildungen . . . neuer Thierarten, während . . . von Kotzebue Zweiter Reise um die Welt . . . in . . . 1823-6. 5 pts. (in 1 vol.). folio. illust. col. pl. Berlin.

This is the record of an important scientific journey around the world in which the fauna are systematically described and depicted.

ESSEX COUNTY ORNITHOLOGICAL CLUB OF MASSACHUSETTS.

1919-30. Bulletin. 8vo. List of members in each vol. Salem.

ESSEX FIELD CLUB.

1884-date. Special Memoirs. London.

1880-7. Journal of Proceedings. (Continued in Essex Naturalist.)

1895-date. Museum Handbooks.

1880-6. Transactions.

This foundation is one of the most important of the local English natural history societies, issuing the *Essex Naturalist* and other publications since 1880.

ESSEX INSTITUTE.

1898/9-date. Annual Report. Salem, Mass.

1869-98. Bulletin.

1864-70. Communications.

1848-68. Proceedings.

1831-65. Transactions.

ESSEX NATURALIST. (See also ESSEX FIELD Club.) 1887-date. Buckhurst Hill.

ESTERNO, HENRI PHILIPPE FERDINAND, comte d' [1805-83].

1864. Du vol des oiseaux; indication des sept lois du vol ramé et des huit lois du vol à voile. pp. 61+[2]. illust. pl. Paris.

A rare and important essay on the laws governing the flight of birds.

ESTIENNE, STEPHANUS CHARLES [1504-64].

1547. De Latinis et Graecis nominibus . . . piscium & auium Liber, etc. 3a. aeditio. 8vo. Issued anonymously. Lutetiae.

A very rare tractate on the names of the ancient Greek and Latin names of birds, fishes, and other animals. From the Osler Library, this edition not listed in the *Cat. Br. Mus. (Nat. Hist.)*.

ETOC, GABRIEL.

1910. Les oiseaux de France, leurs œufs et leurs nids. Avec Préface par M. A. Ménégaux. 4to. pp. 174. index. Paris.

A brief descriptive catalogue of the birds of France, with an account of their distribution, their nests and eggs.

EUDES-DESLONGCHAMPS, EUGÈNE [1830-89].

[1880]. Catalogue descriptif des Trochilidés ou oiseaux-mouches aujourd'hui connus, revu d'après les exemplaires du Musée de Caën. 8vo. pp. 2+489. 5 double-page pl. index. 1st part (all pub.). Caën.

A projected monograph on Humming-birds based on the collection in the Caën Museum. 256 species are described in a concise, systematic fashion.

← Epiphanius, Saint. Bishop of Cyprus. 1588. Physiologos. 12 mo. pp. 124, illus., index.
Plantin Press, Antwerp. (Greek and Latin. Very rare. Not in Cat. Brit.
Mus. (Nat. Hist.)

- 1896-1923. v. 1-24.

↓ Elon College Nat. History Soc. 1929-1934. Annual Reports.

→ Evans, G. H. 1910. Elephants and their diseases: a treatise on elephants. roy. 8vo.
pp. xvi, 344, 16 pls. + text-figs. Rangoon.

→ Everitt, Simon W. ¹⁹²⁸ Tales of Wild Turkey Hunting. Edited by Wm. H. Ball.
Octavo, cloth, pp 127. Chicago.

EVANS, ARTHUR HUMBLE and WILSON, S. B. 1890-99. Aves Hawaiienses: the birds of the Sandwich Islands. See WILSON, S. B.

1895-1905. See HARMER, S. F.

**** and **BUCKLEY, T. E.**

1899. A vertebrate fauna of the Shetland Islands. 4to. pp. xxix+248. 13 pl. 2 figs. 1 map (col. fold.). T. of c. bibliogr. index. Edinburgh.

The portion relating to the birds (220 species) is described under Aves, pp. 69-215.

1900. Birds. 8vo. pp. 16+635. map. 144 figs. in text. T. of c. index. (Cambridge Natural History, vol. IX.) London.

Really a second edition of this very valuable and well-illustrated work of reference to the birds of the world. The first imprint was made in 1899 which, with the matter on p. [viii], constitutes this printing. The description of each avian group is preceded by a short account of its structure and habits. Probably not in all ornithological literature is so much information given in so few pages.

1903. See TURNER, W.

1909. The Cambridge natural history, vol. IX. Birds. (See the *Cambridge Natural History*.)

Another printing of this valuable work of reference. Still another edition appeared in 1922.

1911. A fauna of the Tweed area. 8vo. pp. xxviii+262. 22 pl. (1 t.-p.). 1 map (col. fold.). 7 figs. T. of c. bibliogr. index. Edinburgh.

The eleventh volume of the series 'A Vertebrate Fauna of Scotland', edited by J. A. Harvie-Brown. The portion devoted to Aves occupies pp. 29-246.

EVANS, EDWARD PAYSON [1831-1917].

1906. (The) criminal prosecution and capital punishment of animals. 8vo. pp. x+384. front. 1 fig. (vignette). T. of c. 19 append. bibliogr. index. London.

The present volume is the result of the revision and expansion of two essays entitled 'Bugs and Beasts before the Law', and 'Modern and Medieval Punishment', which appeared in the *Atlantic Monthly*, in August and September 1884. Amongst the curious punishments meted out to birds are the following, viz.: Swallows destroyed by anathema; Swallows proscribed by a Protestant parson; and a Cock burned at the stake for the unnatural crime of laying an egg!

→ **EVANS, WILLIAM.**

1892. The Mammalian Fauna of the Edinburgh District, etc. 8vo. pp. 123. index. Edinburgh.

Author's amended reprint from the *Proceedings of the Roy. Phys. Soc.*, vol. XI, of which only 200 copies were issued. It is a rare, valuable, systematic contribution to Scottish mammalogy, not in the *Cat. Br. Mus. (Nat. Hist.)*.

EVANS, Rev. WILLIAM EDWARD [1801-69].

1888. The songs of the birds; or, Analogies of animal and spiritual life. 3rd ed. 8vo. pp. vi+282. 47 figs. T. of c. London.

EVARTS, HAL G.

1930. Back-tracking on Early Game Trails. folio. pp. 16. illust. Phila.

An instructive account (from the 24th May 1930 issue of the *Saturday Evening Post*) of the extinction of many of our American animals, including the Carolina Parakeet, through senseless shooting of the unfortunates.

EVERETT, ALFRED HAST [-1898].

1899. A List of Birds of the Bornean Islands. Author's separate, bound. 8vo. pp. 91-212. 2 maps (1 col.).

→ An important monograph superseding Vordeman's catalogue of 1886.

EVERHART MUSEUM OF NATURAL HISTORY. See SCRANTON, PA.

EVERMANN, BARTON WARREN [1853-] and **JORDAN, DAVID S.**

1902. American food and game fishes, a popular account of all the species found in America north of the equator. 4to. pp. 50+573. illust. pl. Toronto.

A Canadian edition of a very important ichthyologic monograph. See also JORDAN, D. S., 1896-1900.

**** and **RADCLIFFE, LEWIS.**

1917. The fishes of the west coast of Peru and the Titicaca basin. 8vo. pp. xi+166. 14 pl. (Smithsonian Institution. United States National Museum. Bulletin 95.)

**** and **CLARK, H. W.**

1920. Lake Maxinkuckee. 2 vols. col. pl. (Indiana Dept. of Conservation. Publication No. 7.)

EVERSMANN, EDUARD FRIEDRICH [1794-1860].

1823. Reise von Orenburg nach Buchara von Eduard Eversmann, nebst einem Wortverzeichnis aus der afghanischen Sprache begleitet von einem naturhistorischen Anhang und einer Vorrede von M. H. C. Lichtenstein. 4to. pp. 8+150+35. pl. diagr. Berlin.

1844. Kurze Bemerkungen . . . ueber Säugthiere, etc. 8vo. (Wanting.) Moscou.

1876. Addenda ad celeberrimi Pallasii zoographiam Rosso-Asiaticam. 8vo. pp. (2)+ii+32+16+19. London.

Three reprints, edited by H. E. Dresser, of rare tracts, additions to Pallas' *Russo-Asiatic zoology*, 1835. The present copy is from the Godman Library with book-plate.

EVERYMAN'S LIBRARY.

1925. The principal navigations, voyages, trafiques and discoveries of the English nation made by sea or overland, &c. See HAKLUYT, R.

EXCERPTS FROM ZOOLOGICAL PERIODICALS, etc. See SEPARATES.

EXCHANGE, THE. A paper devoted to Oology, Taxidermy, and Ornithology. *Illust. monthly.* 8vo. Mendota.

Frank Burns notes:

Vol. I, 1889. Nos. 1-4. Apr.-July. 32 pp. (all issued). Communications to this short-lived periodical are signed with initials, except those of W. T. Miller. The *Exchange* was, after issuing four numbers, merged with the *Oologists' Exchange*.

EXNER, SIGMUND [1846-?1917].

1891. Die Physiologie der Facettirten Augen von Krebsen und Insecten. 4to. pp. 8+206. pl. Leipzig.

EXPLORATION SCIENTIFIQUE DE L'ALGÉRIE . . . PENDANT 1840-42, etc.

1844-67. 25 vols. and atlas, 5 vols. 8vo, 4to, and folio. (Wanting.) Paris.

The sections on zoology of this important governmental work were written by notable French naturalists. A. Guichenot contributed one part on reptiles and fishes, pp. 4+144, with 12 pl.; Commandant Loche, in conjunction with Jean Levaillant, a *Histoire Naturelle des Oiseaux*, 1 vol. with 13 col. pl. and another volume, with 123 pp. and 7 col. pl. on the Mammifères. This is the Victor Loche whose *Catalogue des Mammifères et des Oiseaux observés en Algérie* (1858) (q.v.), first records several new species.

EXPLORATION SCIENTIFIQUE DE LA TUNISIE.

1885-99. 19 vols. text and 3 vols. atlas. 8vo and folio. (French Government.) (Wanting.) Paris.

A critical catalogue of the wild, nonpelagic mammals discovered during various expeditions, prepared by F. Lataste, pp. 15+42, 1887, no report being made of other living vertebrates.

EXPLORERS' JOURNAL.

1921—date. Explorers' Club.

N. Y.

EXTERDE, ERNST.

1877. Sammlung der wichtigeren oesterreichischen Gesetze, Verordnungen und Erlässe im Jagdwesen und Vogelschutz, nebst einem Anhange, enthaltend das ungarische und das kroatische Jagdgesetz. 8vo. pp. 16+228. Wien.

EYDOUX, JOSEPH FORTUNÉ THÉODORE [1802-41].

See VOYAGES, FRENCH. VOYAGE AUTOUR DU MONDE . . . SUR LA FAVORITE, 1833-9.

**** and **SOULEYET, F. L. A.**

1841-52. Zoologie. 2 vols. and 101 pl. in portfolio. 8vo. (Voyage autour du monde sur la corvette Bonite, 1836-7.) Paris.

EYTON, THOMAS CAMPBELL [1809-80].

1836. A history of the rarer British birds. 2 pls. 8vo. pp. vi+101. 80 woodcuts. T. of c. London.

The present volume contains two different titles. The first was intended as a supplement to Bewick and Beilby's *History of British Birds*, 1797-1804 (q.v.). The second part (a catalogue), separately paged (and according to Coues, separately issued), is listed in the table of contents of the first part. See next item.

1836. A Catalogue of British Birds. 8vo. pp. iv+67+vi. (Bound with his *History of the Rarer British Birds*, 1836.) London.

1838. A monograph on the anatidae, or duck tribe. cap. 4to. 9 pr. pp. +183. 6 col. pl. numerous plain pl. and woodcuts in the text. T. of c. and append. London.

A concise account of the ducks of the world with a description of species and genera in both Latin and English. Under the title *A synopsis on the Anatidae*, this work was issued in 1869, but without the plates.

1839-43. See ZOOLOGY OF THE VOYAGE OF H.M.S. BEAGLE, 1839-43.

1867. Osteologia avium; or, A sketch of the osteology of birds. 4to. pp. 16+229. 114 pl. bibliogr. index. Wellington, Salop.

This work contains descriptions of the complete osteology of many species of birds and of the distinctive features in the skeletons of others. The plates are careful drawings of skeletons entire and in detail, by Erleben. Supplements were published in 1869 and 1873-5.

1869. Supplement to Osteologia avium. 4to. 18 pl. Wellington.

1873-5. Supplement II to Osteologia avium, 3 pts. 4to. 51 pl. London and Wellington.

F**, W****.**

1686. De Historia Piscium Libri Quatuor, etc. folio. London.

Probably written by W. Fulke, the author of *Meteors*, 1670.

FABER, FREDERIK [1795-1828].

1822. Prodromus der isländischen Ornithologie oder Geschichte der Vögel Islands. 12mo. pp. [4]+110+[2]. fold. tab. T. of c. Kopenhagen.

This rather rare, early, work of reference was published as the result of the author's visit to Iceland in 1819 and his life there for three summers and two winters. In his account of the avifauna both the scientific and vernacular names are given. Faber wrote a number of occasional papers on Icelandic natural history prior to this publication, which seems to be his first purely ornithological treatise.

1825-6. Ueber das Leben der Hochnordischen Vögel. 1 vol. 2 pts. 8vo. pp. 322. 4 fold. tab. Pt. I, pp. 1+158. 1 fold. tab. Pt. II, pp. xvi+161. 3 fold. tab.

A study of birds from the Arctic and Subarctic regions.

FABER, GEORGE LOUIS.

1883. Fisheries of the Adriatic, etc. A report of the Austro-Hungarian Sea-fisheries, with a detailed description of the Marine Fauna of the Adriatic Gulf. 4to. pp. xxvi+292. 42 pl. London.

FABRE, JEAN HENRI CASIMIR [1823-1915].

[1926]. Animal life in field and garden. Translated by Florence Constable Bicknell and Kate Murray. 8vo. pp. 318. front. 15 pl. 7 figs. T. of c. index. London.

This volume contains life stories of the mammals, birds, reptiles, batrachians, and insects commonly met with in the fields of France. The portion dealing with the birds occupies pp. 91-217, and includes the life-history of 62 species, all of which, with the exception of six, occur in Great Britain as well as in France, one of these being the Cuckoo, which the author describes as laying her egg on the ground, anywhere; then taking it up in her beak and putting it in a sort of pocket at the base of her gullet to be deposited later on in some other bird's nest.

FABRETTI, FERDINANDO.

1869. Polimorfismo negli Animali. 12mo. (Wanting.) Perugia.

FABRICIUS, HIERONYMUS AB AQUAPENDANTE [1537-1619].

1621. De Formatione Ovi, et Pulli tractatus, etc. folio. illust. Palavia.

Most of the following titles are from the *Bibliotheca Oesteriana*.

1628. De Formatione Ovi, et Pulli tractatus, etc. 2nd ed. folio. illust. Palavia.

1687. De formato foetu.

This title (a celebrated work on comparative embryology) is to be found in the *Opera omnia*, and is sometimes confounded with the less important *De Formatione Ovi*.

1687. Opera omnia anatomica et physiologica, etc. folio. 61 pl. Lipsiae.

Contains practically all the biological writings of this author.

FABRICIUS, OTTO [1744-1822].

1780. Fauna Groenlandica, etc. 8vo. pp. 16+452. 1 pl. Hafniae et Lipsiae.

An early and important contribution to the zoology of Greenland.

FAIRBANK, S. B.

1876. Popular List of birds in the Marathi Country. (*Bombay Gazetteer*.) 8vo. Bombay.

FAIRCHILD, DAVID GRANDISON [1869-] and FAIRCHILD, MARIAN.

1914. Book of monsters. (National Geographic Society.) 4to. pp. 266. illust. Washington.

An interesting, popular account of animals, mostly large lizards.

FAIRCHILD, G. M.

1907. From my Quebec Scrap-Book. 8vo. illust. Quebec.

FAIRMAIRE, LÉON MARC HERMINIE [1820-].

1879-84. Les Rapaces de France. 4to. Chalons-sur-Saône.

FALCO, unregelmaessig im Anschluss an das Werk *Berajah Zoographica infinita* erscheinende Zeitschrift. 8vo. Numerous black and white and several colored illustrations; also tables.

1905-30. Each Heft is, as a rule, separately paged. This periodical is an appendix of or supplement to *Berajah eine Naturgeschichte und Naturgeographie auf Kantsche Basis*.

The first issue of *Falco* as a separate publication of the *Berajah-Falco* combination (see *Berajah*) occurred in October 1905; 'Herausgeber,

Fairbairn, W. A. 1934 Some common Birds of West Africa.
Lagos.

Falodon (Edward Grey) Viscount ¹⁹²⁷ The charm of birds. 286 pp. 1927.
Falodon, Viscount. See Grey, Edward.

Falconry. 1855. La Chasse au Vol. Miot. 4to. pp. 16. ^{wrote} ~~1855~~ 37. If this can
~~be traced~~ send it to me

Farley. J. H. ¹⁹³² Birds of Battle Region etc. Inst. of applied Art. 100+2
[^] ~~1894~~ St. Edmonton. Alberta. ~~1932~~ →

11 au/

- O. Kleinschmidt, Volkmaritz, bei Dederstedt, Bez. Halle a/S. [and Leipzig].
Beginning with May 1917, as 'Beilage zu Falco' the editor printed *Ornis Germanica*, a catalogue of German birds, repeating (and somewhat altering) the names of 389 species in succeeding numbers of the journal.
Quite a large number of German ornithologists, in addition to the Editor, have contributed to this periodical, among them Tschusi von Schmidhoffen, E. Hartert, R. Thielemann, O. Eckstein, Weigold, A. V. Jordans, Count Berlepsch, *et al.*
- FALCONER, WILLIAM** [1744-1824].
1793. Miscellaneous tracts and collections relating to natural history, selected from the principal writers of antiquity on that subject. 4to. pp. v+203. 2 indexes. Cambridge.
References to birds will be found in this book under the Calendars of Natural occurrences in Ancient Greece and Ancient Rome, pp. 3-85. Presentation copy from author.
- FALLON, FELICIEN FRÉDÉRIC MARIE.**
1875. Monographie des oiseaux de la Belgique; établie d'après le système d'ornithologie de M. Temminck. 8vo. pp. xiv+347. T. of c. index. Namur.
A handbook for amateurs but preserving the scientific form and furnishing a satisfactory history of Belgian birds. The prefatory matter includes a tabulated analysis of birds from C. J. Temminck's *Manuel d'Ornithologie*, 1st part, 1820.
- FAN MEMORIAL INSTITUTE OF BIOLOGY.**
1929. Annual report. 4to. portr. Peiping, China.
- FARAH NĀMA-I-JAMALI.** See ABU BAKR IBN AL-MUZHİR, etc., 1493.
- FARAS-NĀMA-I-HISĀMĪ.**
1823. See ANONYMOUS.
- FARINATOR, PISTORIUS MATTHIAS.**
1477. Lumen Animae. Liber moralitatum magnarum rerum naturalium, etc. Anton Sorg. folio. 370 ll. [Thiere u. Haustiere u. Kräfte.] Hain *10329. Proctor 1650. Augsburg.
Fine rubricated copy from the Osler Library. This incunabular treatise, among other subjects, natural history, including a description of numerous animals.
- FARINI, G.**
1887. Huit mois au Kalahri.
- FARMER, JOHN BRETLAND** [1865-].
1900. The book of nature study.
- FARRAR, CHARLES DRUCE.**
1920? Through a Bird-Room Window. 8vo. pp. 315. col. front. cuts in the text. T. of c. London.
A series of popular and interesting chapters on birds—especially on the author's own captives. The copy in hand is a gift to the E.S.W. Library of Ornithology from the late Duchess of Wellington.
n.d. Birdroom and aviary: trials and triumphs of a Yorkshire parson. 12mo. pp. 311. front. (portr.). T. of c. London.
- FARREN, A. F., Lady.**
1928. Frisky tales. 8vo. pp. xii+179. front. (col.). 16 pl. T. of c. London.
- FARREN, WILLIAM.**
1911-13. The British bird book, etc. See KIRKMAN, F. B. B.
- FARWELL, Mrs. ELLEN (born DRUMMOND).**
1919. Bird observations near Chicago. 8vo. pp. 192. front. (portr.). 9 pl. T. of c. Privately printed. Chicago.
Interesting observations (especially as to song) of the birds observed by the author not only near Chicago, but also at Henley-on-Thames, and other places in England. Presented to the E.S.W. Library by John V. Farwell.
- FASCICULI MALAYENSES.** See ANNANDALE and ROBINSON, 1903-7.
- FASTEN, NATHAN** [1887-].
1929. Origin through evolution. 8vo. pp. 14+456. illust. pl. New York.
- FATIO, VICTOR.**
1866. Des diverses modifications dans les formes et la coloration des plumes. 4to. pp. [2]+60. 3 col. pl. (Société de physique et d'histoire naturelle. Mémoires, vol. 8, pt. 2.) Genève.
Author's excerpt, an anatomical study of feathers and the causes of their peculiar coloration. From Prof. Peters' library, a presentation from the author.
1869-1904. Faune des Vertébrés de la Suisse. 5 vols. 8vo. Vol. I, Mammifères, 1869. Vol. II, Oiseaux, pt. 1, 1899. Vol. III, Reptiles et des Batraciens, 1872. Vol. IV, Poissons, pt. 1. Vol. V, Poissons, pt. 2, 1882-90. Geneva.
The whole range of Swiss vertebrate zoology is treated in these very important systematic serials, issued at irregular dates. The volumes were also issued separately.
- ****, **STUDER, T., and BURG, GUSTAV VON.**
1889-1916. Catalogue des Oiseaux de la Suisse élaboré, etc. Liv. 1-12. 3 vols. 8vo. illust. Geneva and Berne.
This (the French edition of the work) is by far the most elaborate treatise on the subject, written by the best known modern ornithologists of Switzerland. G. de Burg is the latest of the Swiss editors to contribute. The present copy is from the Cabanis-Reichenow collection. See also STUDER, THEOPHIL.
- **** and **STUDER, THEOPHIL.**
1892. Catalogue distributif des oiseaux de la Suisse. Katalog der schweizerischen Vögel und ihrer Verbreitungsgebiete. Catalogo degli uccelli della Svizzera e come si ripartiscano nel suo territorio; élaboré sur le catalogue questionnaire de la commission fédérale. 3^{me} éd. 8vo. pp. 69. map. Berne.
A smaller, tri-lingual edition of the 1889-1916 issue.
1899-1904. Histoire naturelle des oiseaux [de la Suisse]. 2 vols. 8vo. indexes. [Faune des Vertébrés de la Suisse, vol. II (of five vols.).] 1st pt. 1899. pp. x+840. 1 col. map. 135 text-figs. index. 2nd pt. 1904. pp. ii+841-1743+36. 3 col. pl. 120 text-figs. append. index. Geneva.
This (separately issued) treatise is the standard work on modern Swiss ornithology, well written and equally well illustrated.
- FAUNA. 1882-97.** Amsterdam.
- FAUNA.** See VEREIN LUXEMBURGER NATURFREUNDE. Luxemburg.
- FAUNA ARCTICA.**
1900-28. Eine Zusammenstellung d. arktischen Tierformen mit besond. Berücksichtigung d. Spitzbergen-Gebietes auf Grund d. Ergebnisse d. Deutschen Expedition i. Jahre 1898. Hrsg. v. F. Römer, F. Schaudinn, A. Brauer u. W. Arndt. 4to. many pl. charts. text-figs. Jena.
This magnificent quarto report has reached its fifth volume and there are several yet to be published—a fine account of Arctic and Subarctic fauna, probably the best that has yet been written.
- FAUNA BOREALI-AMERICANA, etc.** See RICHARDSON, Sir JOHN, 1828.
- FAUNA HAWAIIENSIS.** Honolulu.
1899-1913. (All pub.) Bernice Bishop Museum, vols. 1-3.

FAUNA D'ITALIA.

[1870-4]. 4 pts.: I. Cornalia, E. Mammiferi. II. Salvadori, T. Uccelli. III. Canestrini, G. Pesci. IV. de Betta, E. Rettili ed Anfibi. 8vo. *Milano*.

The four parts of this systematic review of Italian fauna are also issued in separate volumes.

FAUNA LITTORALIS NORVEGIAE.

1846-77. Continued as *Fauna Norvegiae*. *Bergen*.

FAUNA MALAYENSIS.

1903. Zoology. Part I. 4to.

FAUNA NORVEGIAE. 1896? *Christiana*.**FAUNA OCH FLORA.** *Stockholm*.

1906-date. Populär tidskrift för biologi. Upsala, Stockholm.

FAUNA UND FLORA DES GOLFES VON NEAPEL. See NAPLES—STATIONE ZOOLOGICA.**FAUNE ET FLORE DE LA MÉDITERRANÉE.** (Commission Internationale pour l'Exploration Scientifique de la Mer Méditerranée.) *Paris*.**FAUNE ICHTHYOLOGIQUE DE L'ATLANTIQUE NORD.** *Copenhagen*.**FAUNUS.** 1832-5; 1837. *Munich*.**FAUST,** EDWIN STANTON.

1906. Die tierischen Gifte. 8vo. pp. 14+248. (Die Wissenschaft. Sammlung naturwissenschaftlicher und mathematischer Monographien, 9 Hft.) *Braunschweig*.

FAVORITE, LA, VOYAGE OF. See LAPLACE, CYRILLE PIERRE THÉODORE, 1839.**FAYLE,** C. ERNEST.

1929. Seafarers' Library. See FRYKE, CHRISTOPHER, 1700. Voyages to the East Indies.

FAYRER, Sir JOSEPH [1824-1900].

1872. The Thanatophidia of India . . . the venomous Snakes of the Indian Peninsula, etc. folio. pp. 12+156. 31 col. pl. *London*.

This is the (rather rare) first edition of a classic work, a systematic account written in a most interesting style. A second edition, with 31 col. pl., pp. 189, appeared in 1874.

1877. Venomous Animals. 8vo. *Edinburgh*.**FEATHER BOOK.** See MINAGGIO, DIONISIO, 1618.**(THE) FEATHERED RACER,** with which is incorporated *The pigeon racing world*. Weekly.

1919. Vol. I. Vol. III, No. 89 [New Series] (1921). 8vo. pp. 701-16. 7 text-figs. *Hull*.

The premier weekly paper devoted to pigeon racing. It is edited and conducted by Fanciers who are also trained Journalists, and who have no other aim but to make it a truly representative organ of the sport.

FEATHERED WORLD, THE. A Weekly Paper devoted to Home and Fancy Poultry, Pigeons and other Birds. Edited by Alexander Comyns.

1889-date. 4to. Two vols. (52 numbers) a year. Pictured title-pages. Current. *London*.

Several supplements. Sub-title, 'Established by the late Alex. Comyns. Edited by Mrs. Comyns-Lewer'. In October 1905 the

magazine *Canary and Cage Bird Life* (q.v.) was founded as the 'Canary, British and Foreign Bird Section'. Vol. LXII, 1920, No. 1593, Jan. 2—No. 1618, June 25. 622 pp. *Index. Illust.* Edited by Mrs. Comyns-Lewer and S. H. Lewer. On the whole, the most important and most valuable of all the British ornithological trade journals, devoted (chiefly) to poultry. Many truly scientific articles have appeared in its pages, written by specialists of note; and while the barnyard aspects of domestic birds forms the chief topic yet there are numerous papers devoted to the culture of other foreign and domestic birds, hybrids, etc., as well as voluminous reports from foreign countries on domesticated birds; on exhibitions, societies, and new forms of gallinaceous life. After a successful career of more than 40 years the journal still occupies a commanding position in trade circles.

FEATHERED WORLD YEAR BOOK, THE.

1910-30. Annual. Current. Editors: S. C. C. Avis and the Rev. A. Whiteley; later by Mrs. Comyns-Lewer and S. H. Lewer, in collaboration with leading specialists in each variety. 9 Arundel St., Strand, London. *illust. index*. One vol. each year except 1918 and 1919, owing to war conditions.

This publication considers barnyard poultry, including pigeons and allied birds, as frequently from the scientific as from the purely trade and sport standpoints. It is, therefore, not without interest to ornithologists as well as to fanciers, collectors, and sportsmen. The contributions are, in the main, well-written essays by specialists on the subjects they treat.

FÉE, ANTOINE LAURENT APOLLINAIRE [1789-1874].

1832. La vie de Linné, rédigée sur les documens autographes laissés par ce grand homme, et suivie de l'analyse de sa correspondance avec les principaux naturalistes de son époque. Plates and portraits. With the Manuscript of Fée, containing the plates and portraits bound in 2 vols. *Paris*.

'A. Fée, a well-known naturalist of the nineteenth century, devoted part of his life to the study of Linné. His biography of Linné, published in the *Mémoires de la société des sciences et d'agriculture de Lille*, is scarce at the present time. We acquired, besides his own copy of the book, the manuscript, from which the book was printed, written in legible handwriting; also with the plates and portraits.' The foregoing is quoted from the dealer's catalogue, No. 38, Swets and Zeitlinger, Amsterdam, 1930, where the Compiler secured the rare copy and unique original manuscript of one of the best biographies of the great Linnaeus.

FEHRINGER, OTTO.

[1922]. Die Singvögel Mitteleuropas. 16mo. pp. viii+107. 96 pl. col. 17 figs. *glossary. index.* *Heidelberg*.

A popular work on the song-birds of central Europe, describing their appearance, songs and habits, etc., with especial reference to cage-bird fanciers. Each species is depicted by a colored plate by W. Heubach.

FEILDEN, HENRY WEMYSS [1838-?1910]. See NARES, G. S., 1878.

1881. See MARKHAM, A. H., 1881.

FELLER, F. X. DE.

1782. Examen impartial des époques . . . de Buffon.

FELLMER, Lieut.

1889. Experimente über Hin- und Rückflug der Militär-Brieftauben. 12mo. pp. 32. *Berlin*.

An interesting account of experiments with carrier pigeons for military purposes. From Prof. Reichenow's library.

FENNELL, JAMES HAMILTON.

1843. Natural History of British and Foreign Quadrupeds. 8vo. *London*.

The first edition was published in 1841.

FERGUSON, JOHN [1837-1916].

1906. Bibliotheca Chemica; a Catalogue of . . . Books in the Collection of James Young. 2 vols. 8vo. *Glasgow*.

This is the fully annotated treatise (with biographical and biblio-

-1874. The Thanatophidae of India. Second edition, rev. + enl. 31 pl. (28 col.) roy. folio.

-Ferguson, D. 1860. Natural history of Redcar and its neighborhood. 12 mo. pp. 128.

→ Field, 1911. The food value of sea mussels. 8 pls.

graphical notes) that Osler regarded 'as the most useful special bibliography in my library'. He elected it as a model for his *Bibliotheca Oseriana*. There is, in fact, no work in the whole range of natural history catalogues raisonnés (with the exception, perhaps, of Bashford Dean's *Catalogue of Fishes*) that approaches it as a painstaking, accurate, and voluminous bibliography.

FERMIN, PHILIPPE [1730-?1801].

1765. *Histoire Naturelle de la Hollande Équinoxiale, ou description des Animaux, Plantes, Fruits, et autres curiosités naturelles qui se trouvent dans la colonie de Surinam; avec leurs noms différents, tant François, que Latins, Hollandois, Indiens et Nègre-Anglois.* 4 pts. 8vo. pp. xii+239. 1 pl. index each part. Amsterdam.

FERNALD, CHARLES HENRY [1838-].

1887. *The birds of Amherst and vicinity, &c.* See also CLARK, H. L.

FERNANDO DE NORONHA, Island of.

(1888) 1890. *The Natural History of the Island . . . expedition of 1887.* 8vo. pp. 195+12. 5 pl. 10 photos. 1 map. illust. text. (Wanting.) London.

An important contribution to the natural history of the east coast of Brazilian South America. The aves of the expedition to this penal colony were described by R. B. Sharpe; the reptilia and pisces by G. A. Boulenger, while notes on the zoology in general were made by H. N. Ridley.

FERRAGNI, ODOARDO.

1885. *Avifauna cremonese.* 1 vol. 4to. pp. 259. 1 col. pl. and text-figs. index. Cremona.

An excellent account of the birds in the neighborhood of Cremona, describing 232 species arranged in generic order. Not in *Cat. Br. Mus.* (*Nat. Hist.*).

FERRER DE VALDECEBRO, ANDRES.

1670. *Gobierno general moral, y politico, hallado en las aves mas generosas, y nobles. Sacado de sus naturales, virtudes y propiedades.* 8vo. pp. [20]+205+[15] illustrated. 17 steel engravings of birds; engraved title-page. Madrid.

An interesting mixture of fact and fancy that throws much light on popular ideas touching the ornithology of Spain in the seventeenth century, in which, with some information of value, one finds the usual pious adjuncts to be expected from the author, 'El Padre Maestro Fray Andres'. Another edition, dated Barcelona, 1696, is in the E.S.W. Library. Neither edition listed in the *Cat. Br. Mus.* (*Nat. Hist.*).

FÉRRUSAC, ANDRÉ É. J. P. DE [1786-1836].

1823-32. *Bulletin général et universel des annonces . . .* (Section I). 4 vols. 8vo . . . continued as Section II, *Bull. Univ. des Sciences*, vols. 1-27.

An important, fundamental, and (in its complete form) a very rare periodical, valuable as a work of reference. See *BULLETIN UNIVERSEL DES SCIENCES*.

FEST, FRANZ.

n.d. *Ländliche Nutz-Geflügelzucht.* 12mo. pp. 114. 52 text-figs. T. of c. index. Leipzig.

A popular work on domestic (barnyard) aviculture.

FICK, RUDOLF. 1904. See HIS, WILHELM.

FIELD. 1875-6. See AMERICAN FIELD.

FIELD. London.

1853-date. (Cover title, *Field, the Farm, the Garden.*)

FIELD. See FIELD ILLUSTRATED. New York.

FIELD CLUB. London.

1890-3. (Merged into *Nature Notes*, later *Selborne Magazine.*)

FIELD COLUMBIAN MUSEUM. See FIELD MUSEUM OF NATURAL HISTORY, CHICAGO.

FIELD AND FANCY. 1900-date. New York.

FIELD AND FARM. Denver, Colo. 1885-1920. (Merged into *Kansas Farmer and Breeze.*)

FIELD, THE FARM, THE GARDEN. See FIELD. London.

FIELD AND FOREST. (Potomac-Side Naturalists' Club.) 1875-8. (All pub.) Washington.

FIELD ILLUSTRATED. New York. 1902-date.

1902-12. As *Sports of the Times.*

FIELD, JOHN EDWARD.

1913. *The myth of the pent cuckoo, a study in folklore.* 8vo. pp. 11+215. front. 3 pl. London.

A study of the myth of the pent cuckoo, 'which appears in the old "Tales of the wise men of Gotham" and . . . an account of a series of sites bearing the traditional name of "Cuckoo Pens" along the southern part of the Chiltern Hills and in the neighbouring districts'.—Pref.

FIELD MUSEUM OF NATURAL HISTORY, CHICAGO. Chicago.

1894-date. Publications.

1924-date. Publications—Anthropology design series.

1895-date. Publications—Anthropological series.

1896-1916. Publications—Ornithological series (continued as Zoological series).

1894-date. Publications—Report series.

1922-date. Publications—Anthropological Dept. Leaflet.

1922-date. Publications—Zoology Dept. Leaflet.

1909. Publication 131. Zoological series. Vol. IX. *The birds of Illinois and Wisconsin.* See CORY, C. B.

1926. *Catalogue of the Edward E. Ayer ornithological library.* See ZIMMER, JOHN TODD, 1926.

See also CHICAGO.

FIELD NATURALIST. 1833-4. London.

FIELD NATURALISTS' CLUB, BRISBANE. See QUEENSLAND NATURALIST.

FIELD NATURALISTS' CLUB, TRINIDAD. See TRINIDAD FIELD NATURALISTS' CLUB.

FIELD NATURALISTS' CLUB, VICTORIA. Melbourne.

1884-date. Annual Report.

FIELD NATURALISTS' CLUB, WELLINGTON, ONTARIO. See ONTARIO NATURAL SCIENCE BULLETIN.

FIELD NATURALISTS' QUARTERLY. 1902-4. Edinburgh.

FIELD NATURALIST AND SCIENTIFIC STUDENT. 1882-3. Manchester, London.

FIELD NATURALISTS' SOCIETY, MANCHESTER, ENGLAND. See MANCHESTER FIELD NATURALISTS' AND ARCHAEOLOGISTS' SOCIETY.

FIELD QUARTERLY MAGAZINE AND REVIEW. 1870-2. London.

FIELD AND RIVER. 1877-82. New Brighton.

FIELD AND SCHOOL NATURALIST. 1894? Cedar Falls, Iowa.

FIELD SERVICE BULLETIN. Paris. 1917-19. (Parts 1-6, 85, 87, as American Field Service Bulletin.)

FIELD AND STREAM. 1874-5. See AMERICAN FIELD. Chicago.

FIELD AND STREAM. St. Paul, Minn.; New York. 1896-date.

(1896-7. As Western Field and Stream.)

FIELD, TURF AND FARM. See TURF, FIELD AND FARM.

FIGUIER, GUILLAUME LOUIS [1819-94]. 1867. Vies des Savants illustres du Moyen Age, etc. 8vo. [O.] Paris.

Useful as a work of reference because of the excellent account of the lives and writings of Mesue, Averroës, Albertus Magnus, Vincent de Beauvais, and other medievel naturalists.

→ 1868. La terre avant le déluge. 8vo. *illustr.* Paris. One of the most popular of this French writer's works. It has passed through several editions and translations.

[1869]. Reptiles and birds; a popular account of the various orders; with a description of the habits and economy of the most interesting; ed. and tr. from the Fr. by Parker Gillmore. 8vo. pp. *xiii* + 648. 306 *figs.* T. of c. London.

The portion devoted to birds will be found on pp. 180-648, with 262 illustrations (woodcuts) principally by Mesnel. Another edition appeared in 1870.

→ 1870. Reptiles and birds. A popular account of the various orders; with a description of the habits and economy of the most interesting.

This edition differs from that of 1869 only in the wording of the title-page, and the addition of a frontispiece depicting hawking in the Middle Ages.

→ 1926. Vita e Costumi degli Animali. Gli Uccelli. Translated from the French, with additions and notes by Michele Craveri. 8vo. pp. 580. 350 *figs.* in *text.* T. of c. *index.* Milano.

A successful rendering of the birds in Figuiet's famous work on the natural history of animal life with such added matter as makes the translation a textbook of ornithology in general and of Italian birdlore in particular. The editor refers us to his own colored atlas (q.v.) as a supplementary volume on the avifauna of Italy.

→ **FIJI, COLONY OF.**

1924. 8vo. pp. 158. 78 *pl.* *front.* T. of c. Birds of Fiji, pp. 119-25, by Casey A. Wood. Suva.

→ **FILASTORI, A. U.** *we have it now* 1895. Falconeria moderna, etc. 8vo. (Wanting.) Torino.

→ **FILHOL, HENRI** [1843-]. See GRANDIDIER, A. Histoire physique de Madagascar, 1875-1900.

FILIPPI, CAROLINE (born FITZGERALD) DE. Ruwenzori. See FILIPPI, F. DE, 1909.

FILIPPI, FILIPPO DE [1814-67]. 1865. Note di un viaggio in Persia nel 1862. pp. *viii* + 396. *text illustr.* Milan.

FILIPPI, FILIPPO DE [1869-]. 1909. Ruwenzori; an account of the expedition of Prince Luigi Amedeo of Savoy. Second impression. 8vo. pp. *xvi* + 407. *front.* (col.). 31 *pl.* 5 *maps.* 153 *figs.* T. of c. *index.* London.

Written by Filippo de Filippi from the notes and journals of members of the expedition, and translated from the Italian by Caroline de Filippi née Fitzgerald.

→ **FINGER, JULIUS MAX.** 1857. Verzeichniss der Voegel der oesterr. Kaiserstaates. 4to. Wien.

FINLEY, IRENE. Wild animal pets. See FINLEY, WILLIAM LOVELL, 1928.

FINLEY, WILLIAM LOVELL [1876-]. 1907. American birds, studied and photographed from life; illustrated from photographs by Herman T. Bohlman and the author. 8vo. pp. *xvi* + 256. *front.* 46 *pl.* T. of c. *index.* New York.

[1917]. Birds of America. See PEARSON, T. G.

**** and **FINLEY, IRENE.** 1927. Wild Animal Pets. 1st ed. 8vo. New York. 1928. Wild animal pets. 8vo. pp. *xiv* + 311. *front.* 46 *pl.* T. of c. New York.

Many of these chapters had already appeared in *Nature Magazine*, others, whole or in part, in various other magazines. Although most of the tales are of mammals there are a few relating to birds, such as the Californian Quail, Condor, and Gulls.

FINN, FRANK [1868-]. 1900. A guide to the zoological collections exhibited in the bird gallery of the Indian Museum. 8vo. Calcutta.

1901. List of the birds in the Indian museum. Part I. Families Corvidae, Paradiseidae, Ptilonorhynchidae and Crateropodidae. 8vo. pp. *xv* + (1) + 115. 2 *append.* *index.* See also INDIAN MUSEUM. Calcutta.

→ 1904. The birds of Calcutta. 2nd ed. 8vo. pp. 4 + 136. *illustr.* Calcutta.

1906. Garden and aviary birds of India. pp. *ix* + 201. *front.* 6 *pl.* T. of c. *index.* London.

1907. Ornithological & other oddities. 4to. pp. 16 + 294. *pl.* 56 *photos.* *index.* London.

Chapters on peculiarities in animal behavior, mostly among birds.

1910. Eggs and nests of British birds. 16mo. pp. *xvi* + 231. *front.* (col.). 43 *pl.* (19 *col.*). T. of c. *index.* London.

The eggs figured are life-size, and in their natural colors, having been reproduced by the tricolor process.

1911. The game birds of India and Asia. 8vo. pp. *viii* + 180. *front.* 7 *pl.* T. of c. 2 *append.* Calcutta.

A reprint of a series of articles from the *Indian Forester*, revised and brought up to date.

1911. Talks about birds. 8vo. pp. *x* + 240. 36 *pl.* (16 *col.*). *index.* London.

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← Filmer, H.P. 1897. Wapbels, grass-finches and mannikens. 8vo.

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← 1867. World before the deluge. front., 34 pls. & illus.

(1870) Mammalia. front., 267 illus.

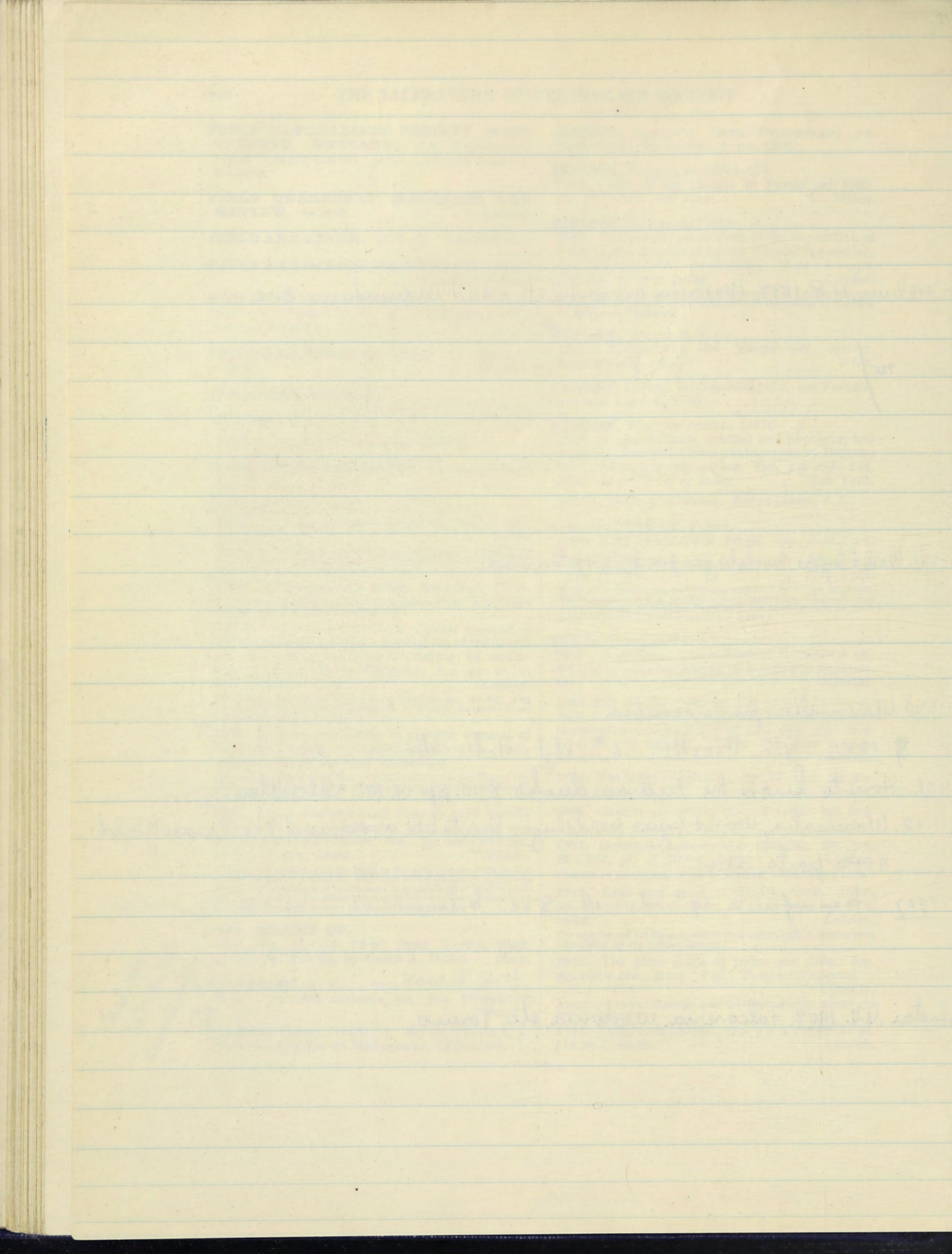
1881. Gli Uccelli. 4th ed. ital. ill.

1901. How to know the Indian ducks. 8vo. pp. iv, 101. Calcutta.

1891-92. Mammalia, World before the deluge, Vegetable world, and The Ocean World.
4 vols. fronts., illus.

1907. Mammiferi. 19th ed. ill. 8vo. Milano.

Castori, G.U. 1908. Falconeria moderna, etc. Torino.



- 1915.** Indian sporting birds. *8vo.* pp. xi+280. front. (col.). 102 pl. (col.). index. London.
A popular account of the habits, distribution, etc., of the game birds of India, illustrated with chromo-lithographs taken from Hume and Marshall's *The Game Birds of India, Burmah and Ceylon*, 1879-81. A second printing is dated 1917.
- 1915.** Garden and aviary birds of India. 2nd ed. *8vo.* pp. ix+201. front. 6 pl. T. of c. index. London.
- [1919]. Bird behaviour, psychical and physiological. *12mo.* pp. x+363. front. 15 pl. T. of c. London.
An interesting treatise with chapters on the following subjects: Locomotion, nutrition, propagation, migration, senses, emotions, song and cries, weapons and fighting methods, special instincts, special physiological peculiarities, abnormalities, and relations of birds with men.
- 1920.** How to know the Indian waders. 2nd ed. *12mo.* pp. (14)+200. front. 12 pl. 2 append. index. Calcutta.
- 1920.** Frank Finn's Manual on Cage birds. *8vo.* pp. 97. illust. index. London.
- 1921.** The water fowl of India and Asia. 3rd ed. *8vo.* pp. 11+126. 21 pl. T. of c. Calcutta.
- **** and **ROBINSON**, E. K.
1922-3. Birds of our country; their eggs, nests, life, haunts and identification. Vol. 1, pp. 2+480. front. (col.). 18 pl. (col.). 573 figs. Vol. 2, pp. 2+481-960. front. (col.). 592 figs. append. index. London.
Published in parts, and treats of the birds of Great Britain under their vernacular names. A part of vol. 2 (pp. 720-884) contains an account of the 'Birds of the Empire' arranged geographically under Asia, Africa, America, and Australia. The appendix (pp. 885-960) gives the classification and scientific names.
- 1923.** Circè's worshippers, and other poems. *12mo.* pp. 16. 1 fig. (vignette). London.
Sixteen short poems, of which eleven refer to birds.
- n.d. An account of six popular parrots. Some facts about macaws. See **ARTHUR**, C. P.
- n.d. Familiar London birds. *8vo.* pp. vi+160. front. 30 pl. 14 figs. T. of c. London.
- n.d. Wild animals of yesterday and to-day. *12mo.* pp. (8)+9-201. front. 3 pl. T. of c. index. London.
The principal reference to birds will be found under the heading 'Extinct birds and reptiles', chap. III, pp. 65-101.
- FINSCH**, FRIEDRICH HERMANN OTTO [1839-1917].
1865. Index ad Caroli Luciani Bonaparte conspectum generum avium. *8vo.* pp. 23.
A useful index to Bonaparte's *Conspectus*, 1850-7. The copy in hand has the original wrapper with first title-page. See also **BONAPARTE**, C. L.
- **** and **HARTLAUB**, C. J. G.
1867. Beitrag zur fauna Centralpolynesiens. Ornithologie der Viti-, Samoa- und Tonga-Inseln. *4to.* pp. 39+290. 14 col. pl. index.
This monograph is of especial value to students of Polynesian ornithology.
- 1867-8.** Die Papageien, monographisch bearb. 2 vols. in 3. *8vo.* col. illust. T. of c. indexes. Vol. I. 1867. pp. xii+561. map (col.). 1 pl. Vol. II. 1868. Part 1. pp. vii+480. col. pl. 2-6. Vol. II. 1868. Part 2. pp. 481-996+[4]. Leiden.
The most complete account yet written of the parrots of the world. This treatise includes a full discussion of their natural history, habits, systematic classification, anatomy, distribution, synonymy. The copy in hand is autographed by Paul Leverkühn and is from his library.
- 1869-79.** See **DECKEN**, C. C. VON DER, 1869-79.
**** and **HARTLAUB**, C. J. G.
1870. Die Vögel Ost-Afrikas. *4to.* pp. x+897. col. front. 10 col. pl. index. (Baron C. C. von der Decken's *Reisen in Ost-Afrika*, 1859-65, vol. 4.) Leipzig.
An important, fundamental and comprehensive description of the birds of East Africa. The copy in hand is from the Godman Library.
- 1870.** On a collection of birds from North Eastern Abyssinia and the Bogos Country; with notes by the collector, William Jesse. *4to.* pp. 197-331. 4 pl. (col.). 1 map (fold.). 2 append. [Bremen.]
This collection contained 735 skins representing 219 species, about a quarter of all the birds known to inhabit north-eastern Africa, including two new to science. (Excerpt from the *Trans. Zool. Soc.*, vol. VII, pt. 4, May 1870.)
- 1871.** Nachträge und Berichtigungen zur Ornithologie Nordost-Afrikas. See **HEUGLIN**, M. T.
- 1873-4.** See **HARTLAUB** and **LINDEMAN**, eds.
- 1880-95.** See **THOMSON**, C. W. (Challenger Voyage.)
- 1884.** Ueber Vögel der Südsee. *8vo.* pp. 56. Wien.
A short account of the birds noted in a voyage to the South Seas.
- 1901.** Das Tierreich. 15. Lief. Aves. Zosteropidae. *4to.* pp. xiv+54. text illust. Berlin.
- FINSKA VETENSKAPS-SOCIETETEN, HELSINGFORS.**
1842-date. Acta.
1922/3-date. Arsbok-vuosikirja.
1922-date. Commentationes biologicae.
(See also **HELSINGFORS SOCIETAS PRO FAUNA ET FLORA FENNICA**.)
- FIRENS**, PIERRE. See **BLOEMART**, ABRAHAM, 1640.
- FIRENZE. Annali del Museo imperiale di fisica e storia naturale.** See **ANNALI DEL MUSEO**, etc.
- FISCHER**, FERDINAND and **PELZELN**, AUGUST.
1886. Vögel und Säugethiere von Jan Mayen. folio. pp. 2+24. pl. Vienna.
Reprinted from *Die Internationale Polarforschung*, 1882-3. *Die Österreichische Polarstation Jan Mayen*, vol. 3. Presentation copy from August von Pelzeln.
- FISCHER**, G. A.
[1884]. Übersicht der von Dr. G. A. Fischer auf seiner im Auftrage der Hamburger geographischen Gesellschaft unternommenen Reise in das Massailand. *8vo.* pp. 297-394. 2 col. pl.
An excerpt (with manuscript title and notes) on the birds of Massailand during the author's expedition, under the auspices of the Hamburg Geographical Society. More than 350 species were observed and described. This copy of a (local) contribution to our knowledge of the birds of Africa is from the library of Prof. Reichenow.
- FISCHER**, GOTTHELF VON WALDHEIM [1771-1853].
1801. Naturhistorische Fragmente. Erster Band. *4to.* pp. viii+256. 4 fold. pl. 7 text-figs. T. of c. Frankfurt-am-Main.
A philosophical treatise, of which only one volume was issued, on a variety of natural history subjects, by a professor in the University of Mainz.
- FISCHER**, GUIDO.
1905. Vergleichend-anatomische Untersuchungen über den Bronchialbaum der Vögel. *4to.* 5 pl. (col.). 2 text-figs. Stuttgart.

FISCHER, JACOB BENJAMIN [1730-93].

1791. Versuch einer Naturgeschichte von Livland. 2te. vermehrte Auflage. 8vo. Stuttgart.

FISCHER, JOHANN BAPTIST.

1829. Synopsis Mammalium. 8vo. pp. xlii+752. 4 tab. Stuttgartiae.

1830. Addenda . . . ad Synopsis Mammalium. (Wanting.)

FISCHER, JULIUS.

1913. Das Problem der Brütung. Eine thermobiologische Untersuchung. 8vo. pp. 3+155. index. Leipzig.

A systematic treatise on birds with special reference to the problems of artificial incubation. The copy in hand is from the Cabanis-Reichenow collection.

FISCHER, LUDWIG [1828-1907].

1897. Katalog der Vögel Badens; systematische Zusammenstellung sämtlicher bis jetzt im Grossherzogthum Baden beobachteten Vögel. 8vo. pp. 86+60. Karlsruhe.

Catalogue of the birds of Baden interleaved with blank pages for field notes.

FISCHER, WILHELM JOHANNES.

1914. Die Vogelwelt Württembergs. 8vo. pp. 5+323. 7 col. pl. index. supplement. Stuttgart.

FISH CULTURE ASSOCIATION. 1887.

London.

FISH CULTURIST. 1921-date. Philadelphia.**FISHERMAN'S MAGAZINE.** 1864-5.

London.

FISHING GAZETTE. 1865-76.

London.

1877-date. New series.

FISHING GAZETTE. A weekly journal devoted to . . . the natural history of fish. (New York.) 1884-date.

FISHER, ALBERT KENWICK [1856-].

1893. (The hawks and owls of the United States in their relation to agriculture. Prepared under the direction of Dr. C. Hart Merriam. (U.S. Department of Agriculture. Division of Ornithology and Mammalogy. Bulletin No. 3.) 8vo. pp. 210. 26 pl. (col.). T. of c. index. Washington.

An exhaustive discussion on the economic value of American hawks and owls, based on the critical examination, by scientific experts, of the actual contents of about 2,700 stomachs of these birds. Each species is treated in detail, with a table and summary of the number of stomachs examined. The lithographed colored plates are by J. L. and R. Ridgway.

1893. The hawks and owls of the United States in their relation to agriculture. Prepared under the direction of Dr. C. Hart Merriam, Ornithologist. 8vo. pp. 210+16. 26 pl. (col.)+1 pl. (col.). T. of c. index. Wash.

This copy differs only from that of the previous one of the same date, in that at the end of the volume is bound in the *Report of the Ornithologist and Mammalogist* for the year 1889, U.S. Department of Agriculture. The report (author's edition) is by Dr. C. Hart Merriam, consisting of 16 pages of text with one colored plate of the Marsh Hawk by J. L. Ridgway.

1893. See DEARBORN, NED.

FISHER, Mrs. ARABELLA BURTON (born BUCKLEY) [1840-?1913].

1882. Winners in life's race; or, The great back-boned family. 8vo. pp. xv+367. front. 99 figs. T. of c. index. London.

FISHER, WALTER KENRICK.

1903. Birds of Laysan and the Leeward Islands. 4to. 10 pl.

FISHERIES NEWS BULLETIN.

Published monthly by the Fisheries branch, Department of marine and fisheries, Ottawa, Nov. 1929. 4to. Ottawa, Canada.

FISHERIES SOCIETY OF JAPAN. See SUISANKAI.**FISHERY INVESTIGATIONS.** (Ministry of Agriculture and Fisheries.) London.**FITZGERALD, EDWARD ARTHUR** [1871-].

1897. The Highest Andes, etc. 8vo. pp. 16+390. 48 pl. 2 maps. illust. text. London.

At least two editions have appeared of this valuable contribution to zoogeography. The mammals and birds are described by P. Gosse, and the reptiles by G. A. Boulenger.

FITZINGER, F. W.

1912. The Snakes of South Africa. 8vo. pp. xvi+532. pl. London.

FITZINGER, LEOPOLD JOSEPH FRANZ JOHANN [1802-44]. See KOLLAR, VINGENZ, and others, 1848-57.

1856-65. Ueber das System und die Charakteristik der natürlichen Familien der Vögel. 3 Abth. 8vo. Wien.

1862-4. (Naturgeschichte der drei Reiche.) Bilder-Atlas zur Wissensch.-populäre Naturgesch. der Vögel, etc. 2 vols. and atlas. 8vo. and folio. 347 col. illust. (Atlas only.) Wien.

This well-known naturalist made most of his valuable systematic contributions on vertebrate zoology to periodicals, especially to the *Sitzungsber. d. k. Akad. Wissensch. Wien*.

FITZSIMONS, FREDERICK WILLIAM [1875-].

1912. The Snakes of South Africa, etc. New ed. 8vo. pp. 16+547. 1 col. pl. figs. in text. (Wanting.)

One of several admirable works on the vertebrates of South Africa by this well-known naturalist.

1919-20. Natural History of South Africa, etc. Mammals. 4 vols. 8vo. illust. London.

The volumes dealing with the various sub-classes are often sold separately. The present title furnishes an admirable account of South African mammalogy.

1923. The natural history of South Africa. Birds, in two vols. 8vo. Vol. I, pp. xvi+288. front. (col.). 4 pl. (col.). 2 pl. (1 portr.). 224 figs. Vol. II, pp. vii+(1)+323. front. (col.). 4 pl. (col.). 97 figs. London.

A popular account of the birds of South Africa. Volume I consists of a general account of the economic importance of birds. Volume II contains a list of South African birds with notes on their diet, followed by a description of the distribution and habits.

1930. Pythons and their ways. 8vo. pp. 155. many pl. T. of c. append. London.

A systematic account of pythons and boas of the world but especially of South African species.

FLACK, Capt.

1866. A hunter's experiences in the Southern states of America. 8vo. pp. (6)+359. T. of c. append. London.

Of the 20 chapters three are devoted to the hunting of birds. A rare work.

Fisher, G. T. 1896. Outdoor life in England. pp. 474. London.

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Fisher, G. T. 1896. Outdoor life in England. 1st ed. 474 p. ✓

Fisher, C. H. 1901. Reminiscences of a falconer. 800. pp. 188, 13 pls.

→ Fleming, Arnold. Falcony + Falcons, 1934

→ Fleischmann, F. L. 1831. Dalmatiae nova serpentum genera. 4to 35p. 2 pls.
Erlangen.

FLACOURT, ÉTIENNE DE [1607-66].

1661. Histoire de la grande Isle Madagascar, etc. 4to. pp. 21+471. 6 maps. 10 pl. Paris.

The first edition of this work, containing many references to the faunal life of the island, appeared in 1658. Facing p. 165 is a quaint plate illustrating the mammals, birds, reptiles, and fishes of Madagascar.

FLAGG, WILSON [1805-84].

1875. The birds and seasons of New England. 8vo. pp. vi+457. front. 11 pl. (photograv.). index. Boston.

FLAMEN, ALBERTO (fl. 17th cent.).

1650? Cyriosa Raccolta Di Varie e diuersi Vcelli. 12mo. n.p. 100 pl.

Not only 'curious tales about birds' but altogether a curious and interesting little album of 100 copper-plates, with no text except the legends in Italian furnishing the vulgar names of the subjects. A very rare ornithologic item, not listed in the *Br. Mus. Cat. (Nat. Hist.)*.

1659. Diuersae Auium Specie studiosissime ad vitam delineatae. Van Merlen ex. Cum priv. Regis. 8vo. engr. l.-p. 12 pl.

A rare, Latin edition of Flamen's selected plates of birds. Not listed in the *Cat. Br. Mus. (Nat. Hist.)*.

[c. 1664]. Livre d'Oyseaux. 8vo. engr. l.-p. 12 pl. n.p.

Copper-plate engravings of several kinds of birds in appropriate scenic environments artistically executed.

FLATTELY and WALTON.

1926. Biology of the Sea-shore. 8vo.

FLEMING, GEORGE [1833-1901].

1871. Animal plagues, etc. 8vo. London.

FLEMING, J. H.

n.d. Why Canada and the United States combined to stop spring shooting. 12mo. pp. 3. [Ottawa.]

This little pamphlet sets forth that nothing short of joint action by both the United States and Canada can be effective in building up the reserve of our bird life.

FLEMING, JOHN [1785-1857].

1822. The philosophy of zoology; or, A general view of the structure, functions, and classification of animals. In 2 vols. 8vo. Vol. I, pp. lii+432. 5 pl. 2 T. of c. Vol. II, pp. (4)+618. Edinburgh. The principal matter relating to birds will be found in vol. II, pp. 218-65.

1828. A history of British animals, exhibiting the descriptive characters and systematical arrangement of the genera and species. 1st ed. 8vo. pp. xxiii+565. T. of c. index. Edinburgh.

1842. History of British animals. 2nd ed. 8vo. pp. 23+565. London.

Birds occupy pp. 41-146, of which a synopsis of 237 species are given. The present copy has pencilled notes throughout that, among other annotations, furnish a list of wildfowl of the Gulf of St. Lawrence.

FLENSBURG, OSCAR.

1868. Jemförande framställning af skelettet hos Ladusvalan, Hussvalan, Tornsvälan, Nattskarran och Göken. 8vo. pp. 32. pl. (Lund Universitet theses.) Lund.

FLETCHER, ALEXANDER.

[c. 1874]. Scripture natural history. 2 vols. illust.

FLETCHER, JAMES COOLEY and KIDDER, D. P.

1857. Brazil and the Brazilians. See KIDDER, D. P.

FLETCHER, THOMAS BAINBRIGGE and INGLIS, C. M.

1924. Birds of an Indian garden. pp. viii+161. front. (col.). 29 pl. (col.). 2 pl. (eggs). 41 figs. T. of c. Calcutta.

The colored plates and text of these articles originally appeared in the *Agricultural Journal of India*, 1919-24. The covers and advs. of the numbers in this copy are bound in.

FLETT, CHARLES LOUIS.

[1897]. A dictionary of the call notes of British birds. 8vo. pp. [?]. Springfield.

FLINT, TIMOTHY.

1832. The History and Geography of the Mississippi Valley. 2 vols. 8vo. pp. 740. Cincinnati.

Vol. I has an account of the mammals, birds, and fishes of the Valley, and Vol. II describes the flora and fauna of the Western Country. A rare treatise, not listed in the *Cat. Br. Mus. (Nat. Hist.)*

FLINT, W.

1905. Science in South Africa, etc. 8vo. pp. 10+505. 2 col. pl. 1 col. map. figs. in text. Cape Town.

This is a mixed account of various areas and conditions in South Africa—mostly on natural history. W. L. Sclater wrote on the Land Vertebrates and R. Broom described the Fossil Reptiles.

FLOERICKE, CURT EHRENREICH [1869-].

1897. Naturgeschichte der deutschen Sumpf- und Strandvögel. 8vo. pp. xii+406. 15 pl. index. Magdeburg.

A popular but carefully written account of German marsh and shore birds.

1898. Naturgeschichte der deutschen Schwimmvögel für Landwirte, Jäger Liebhaber und Naturfreunde. 8vo. pp. xvi+392. 15 pl. T. of c. (In Cabanis, J. L. coll. *Opuscula ornithologica*, vol. 5.) Magdeburg.

A practical handbook on German water-birds, in particular for ornamental purposes.

1907. Deutsches Vogelbuch, etc. Landwirte, Jäger, Naturfreunde und Vogelliebhaber, Lehrer und die reifere Jugend und für alle Gebildeten des deutschen Volkes. Illust. by Albert Kull. 4to. pp. 3+403. 30 col. pl. 120 figs. T. of c. index. Stuttgart.

This is the first edition of a popular work issued at irregular intervals in eleven parts with pictured wrappers. The title-page and preface of the first part is dated 1907, but the remaining numbers have no title, the work being set and paged continuously. A second and enlarged edition was published in 1922, as part of a work on the Birds of Middle Europe.

1910. Vögel fremder Länder. 4th ed. 8vo. pp. 99. 2 pl. 22 figs. index. Stuttgart.

Popular account of some exotic birds with original illustrations by J. Dahlem.

1912. Kriechtiere und Lurche fremder Länder. 8th ed.

A popular work on reptiles and amphibia.

1912. Taschenbuch zum Vogelbestimmen . . . der Nester und Eier. pp. 260. 10 col. pl.

The second edition of a popular work on the ornithology and oölogy of (mostly) Middle European countries.

1919. Detektivstudien in der Vogelwelt. pp. 56. illust. Stuttgart.

Curious studies in animal psychology and physiology—including birds.

1919. Zweck und Ziele der Süddeutschen Vogelwarte. pp. 24. Stuttgart.

A short account of the activities of the South German Observation Station for birds.

[**FLOERICKE**, C. E. (*contd.*)]

1922. Vogelbuch. Gemeinverständliche Naturgeschichte der mitteleuropäischen Vogelwelt. 4to. pp. 496. 54 col. pl. 99 figs. in text. index.

Stuttgart

An attractive and well-written, popular treatise on the birds of Middle Europe. The text of this the second edition is practically that of the first.

n.d. Papageien-Büchlein. 8vo. pp. 63. front. (col.). 5 pl. (col.). T. of c.

Stuttgart.

A guide to those members of the parrot family that lend themselves to captivity.

FLORA OG FAUNA, AARBOG FOR NATUREN, etc.

1899-1929. 8vo. Copenhagen et al.

One of the most valuable of Scandinavian periodicals, both for the advanced student and the research worker in vertebrate zoology. It is actually the continuation of *Meddelelser fra Flora og Fauna* of which only one volume (1890-1) was issued.

FLORENCE. See ANNALI DEL MUSEO IMPERIALE DI FISICA E STORIA NATURALE DI FIRENZE.

1908. Vol. I. 4to.

FLORENCE.—Reale Istituto di Studi Superiori pratici e di perfezionamento. (Founded 1349.)

1877-date. Pubblicazioni . . . Sezione di Scienze fisiche e naturali. No. 1-date. 8vo. Firenze.

The above are separately paged serial memoirs, a complete list of which is to be found on p. 330, vol. VI, of the *Br. Mus. (Nat. Hist.) Cat.* Very few are devoted to vertebrate zoology; among them E. H. Giglioli writes (1909) on Italian vertebrates in the Florentine Museum, pp. 21; G. Ristori on Crocodilian (1890), pp. 34, 1 pl., and Chelonian remains (1896), pp. 104, 6 pl., and A. Targioni-Tozzetti on the Zoology of the S.S. 'Magenta' expedition round the world in 1863-8, mostly on invertebrates, however.

FLORENCE. Università. (Sezione di Scienze fisiche e naturali.)

1877-date. Pubblicazioni.

FLORIDA AUDUBON SOCIETY.

Winter Park.

1919-date. Bulletin. (Quarterly.)

→ **FLOURENS**, MARIE JEAN PIERRE [1794-1867]. [1853-7]. Œuvres complètes de Buffon. See BUFFON, G. L. L.

1860. Des manuscrits de Buffon. pp. xcvi+298. 9 reproductions of original manuscript. Paris.

← **FLOWER**, STANLEY SMYTH.

1921. List of fishes 1901-1921; with notes on their longevity. 8vo. pp. 4+26. (Egypt—Zoological service. Publication no. 33.) Cairo. Author's reprint.

1923. List of birds of prey 1898-1923, with notes on their longevity. 8vo. pp. (4)+46. T. of c. bibliogr. 2 indexes. (Govt. Press.) Cairo.

Records of birds in the Giza Zoological Gardens. A letter from the author regarding the above copy is inserted.

FLOWER, Sir WILLIAM HENRY [1831-99].

1866. Recent memoirs on the cetacea by D. F. Eschricht, J. T. Reinhardt and W. Lilljeborg. 4to. pp. 8+312. pl. (Ray Soc.) London.

The memoirs are translations of essays by well-known Scandinavian naturalists on the whales of northern waters.

1879. See ROYAL SOCIETY OF LONDON, 1879.

1885. An introduction to the osteology of the *Mammalia*. 8vo. pp. 12+382. (Macmillan's Manuals for students.) 3rd ed. London.

This edition was practically edited and amended by Hans Gadow. The first edition appeared in 1870.

**** and **LYDEKKER**, RICHARD.

1891. An introduction to the study of mammals living and extinct. 8vo. pp. 16+754. illust. London.

A scientific treatise of great importance written in familiar style.

1896. Index generum et specierum animalium. 8vo. London.

1896. Zoological bibliography and publication. 8vo. pp. 3. London.

1898. Essays on museums and other subjects connected with natural history. 8vo. pp. xv-394. 35 figs. T. of c. London.

A presentation copy from the author.

FOERSTER, F. and **ROTHSCHILD**, LIONEL WALTER (2nd Baron).

1906. Two new birds of Paradise. 8vo. pp. 4. (Tring Museum.) London.

The two species referred to are *Astrapia rothschildi*, sp. nov., and *Parotia wahnesi*, *Rothsch.* sp. nov., of which a full description is given by the two authors.

FOL, HERMANN [1845-92].

1883-92. See RECUEIL ZOOLOGIQUE SUISSE.

FOLKARD, HENRY COLEMAN [1827-?98].

1864. The wild-fowler: a treatise on ancient and modern wild-fowling, historical and practical. 2nd ed. 8vo. pp. xxii+398. front. 12 pl. 5 figs. T. of c. index. London.

The first edition was issued in 1859.

FOLKESTONE NATURAL HISTORY SOCIETY.

1868-9. Quarterly Journal. Nos. 1-4 (all pub.).

1884-1930. Proceedings.

→ **FONTANA**, FÉLIX.

1781. Traité sur le venin de la vipère, sur les poisons américains, sur le laurier-cerise, et sur quelques autres poisons végétaux. On y a joint des observations sur la structure primitive du corps animal, différentes expériences sur la production des nerfs et la description d'un nouveau canal de l'œil. 2 vols. 4to. pp. xxviii+329; xi+373. 10 engr. fold. pl. Florence.

A contribution to comparative zoology by one of the foremost anatomists of the eighteenth century.

FONTENILLE. See HENON and MOUTON-FONTENILLE.**FORBES**, EDWARD [1815-54].

1854. Zoology of the Voyage of H.M.S. 'Herald' . . . 1845-51. Vertebrates, including Fossil Mammals, by J. Richardson (q.v.).

→ **FORBES**, HENRY OGG [1851-?1921].

1885. A naturalist's wanderings in the Eastern Archipelago . . . from 1878 to 1883. 8vo. pp. xix+536. front. (col.). 21 pl. 7 maps (4 col., 3 fold.). 83 figs. T. of c. index. London.

An account of the author's travels in the East Indies, to the Cocos-Keeling Islands, Java, Sumatra, Timor-Laut, the Moluccas, Buri, and Timor. Many notes on birds are scattered throughout the text, with special reports on birds on pp. 44, 268-74, 355-68, and 409-10. The colored frontispiece, one plate, and five figures are ornithological. A second edition is also dated 1885.

Fornhuo, W. 1931. Jaampa. The silver fox. 8vo. 224p.
Florida Naturalist.

and Nicholl, M. G. 8vo. pp. 8. col. pl.

1918. Birds protected by law in Egypt. Cairo. Presented

1922 for 1922 & 1923

1923. Rep't Zool. Service Giza Zool. 8vo. pp. 26. Cairo. Presented. } and other
} excerpts from journals

Rees, E. 1859. Natural history of the European seas. 12mo. pp. viii, 306. map.

Complete in 3 vols. 1925-29.

→ 1932. Portraits of New England Birds. Mass: By H. A. Fierlis & Allan Brooks. Originally prepared for "Birds of Massachusetts & other New England States".

→ Foreign, The. 1934. Foreign Bird Faun. Kml. England. Vol. I. no. 1. Jan. 1934.

→ 1904. Useful Birds and their protection. With brief descriptions of the more common and useful species of Massachusetts. 8vo. cloth, illus; Boston,

1894. A hand-book to the primates. 2 vols. 8vo. *illust.* 29 col. pl. (Allen's Naturalist's lib.)

London.

First edition of a popular work on the larger apes.

1896-7. A hand-book to the primates. Another ed. 2 vols. pl. maps. (Lloyd's Natural History.)

London.

1896-8. See BUTLER, A. G. British Birds, 1896-8.

1903. The natural history of Sokotra and Abd-el-kuri. 4to. pp. 48+598. *illust.* pl. map. (Special bulletin of the Liverpool museums.)

Liverpool.

FORBES, JAMES [1749-1819].

1813. Oriental memoirs: selected and abridged from a series of familiar letters written during seventeen years residence in India: including observations on parts of Africa and South America, and a narrative of occurrences in four India voyages. 4 vols. 4to. 93 pl. (part. col.). *T. of c. general index.* Vol. I, pp. xxiii+481. 40 pl., some col. *T. of c.* Vol. II, pp. xv+4+542. 28 pl., a few col. *T. of c.* Vol. III, pp. xii+487. 20 pl., some col. *T. of c.* Vol. IV, pp. xi+425+5. 5 pl. *T. of c.*

London.

The title sufficiently describes the contents of this well-known book of travels. The illustrations, particularly the colored plates of birds, references to which occupy a prominent place in the four volumes, are remarkably fine. The originals (q.v.) of 54 of the plates are among the treasures of the E.S.W. Library. The copy in hand is from the library of Chas. Eliot Norton.

1813. Oriental memoirs, &c. Illustrated by engravings from original drawings in the E.S.W. Library. See ORIGINAL DRAWINGS.

1834. Oriental Memoirs. 2 vols. and atlas. 4to and 8vo. 85 pl.

London.

This is the second edition issued by the author's daughter, the Countess de Montalembert.

FORBES, STEPHEN ALFRED [1844-1930].

1889-[95]. Natural history survey of Illinois. (State laboratory of natural history. S. A. Forbes director.) The ornithology of Illinois. Part I, Descriptive catalogue by Robert Ridgway. Part II, Economic ornithology by S. A. Forbes, &c. See also RIDGWAY, R.

1913. The Ornithology of Illinois. Another edition (without the col. front.). See RIDGWAY, R.

FORBES, WILLIAM ALEXANDER [1855-83].

1880-95. See THOMSON, C. W. (Challenger Voyage.)

1881. On the birds collected at Cape York, Australia. 4to. pp. 9.

London.

Report on the anatomy of the petrels . . . collected during the voyage of H.M.S. Challenger . . . Zoology (pt. VIII), vol. II; (pt. XI), vol. IV.

1885. The collected scientific papers; ed. by F. E. Beddard with a memorial pref. by P. L. Sclater. 8vo. pp. xiii+496. front. (portr.). 25 pl. (15 col.). 142 figs. 1 map. *T. of c. index.*

London.

FORBUSH, EDWARD HOWE [1858-1929].

1912. A history of the Game Birds, Wild-fowl and Shore Birds of Massachusetts and adjacent states. (Massachusetts State board of agriculture.) 8vo. pp. xvi+622. front. (col.). 36 pl. 108 figs. *T. of c. index.*

Boston.

A second edition was issued in 1916.

1913. Useful birds and their protection. 4th ed. (Massachusetts State Board of Agriculture.) 8vo. pp. xx+451. front. (col.). 60 pl. 171 figs. *T. of c. append. index.*

Boston.

The first edition of this work on economic ornithology was issued in 1907. The present work is largely a reprint, with the addition of an appendix embodying the necessary changes to bring the work up to date.

1916. Winter Birds at the Farm. The Starling. (State Board of Agric., Mass. Circular No. 45.) 2nd ed. pp. 24. *illust.*

Boston.

Bound with this treatise on the progress made (to 1915) by the imported European Starling are several other papers on economic ornithology.

1916. (A) history of the Game Birds, Wild fowl and Shore Birds of Massachusetts. 2nd ed. 8vo. pp. 18+636.

Boston.

An amended reprint of the 1912 edition.

1916. The Natural Enemies of Birds. (Bull. 3. State Board of Agriculture.) 8vo. pp. 58. *illust.*

Boston.

1916. The Domestic Cat; the Bird Killer. 8vo. pp. 110. *illust.*

Boston.

This essay proves conclusively that the average pet cat (including the rovers from house to house) is responsible for the killing of from 200 to 500 birds yearly.

[1917]. Birds of America. See PEARSON, T. G.

1917. The warblers of North America. See CHAPMAN, F. M.

1922. The Provincetown book. See SMITH, Mrs. NANCY W. PAINE, 1922.

1923. Some under-water activities of certain waterfowl. 8vo. pp. 49. 16 figs. *T. of c.* (Dept. of Agriculture, Mass.)

Boston.

1925. Birds of Massachusetts and other New England states. Part I. Water Birds, Marsh Birds, and Shore Birds. 4to. pp. xxxi+481. 33 pl. (col.). 16 pl. (35 figs.). 85 figs. (2 maps, 8 diagr.). *T. of c.* (Dept. of Agriculture, Mass.)

Boston.

FOREIGN BIRD NOTES. The first title of Bird Notes.

FOREST, FISH AND GAME. 1907-11.

Georgia Forest Association, Athens, Ga.

FOREST AND STREAM.

1873-date. A weekly journal of the rod and gun. 2 vols. annually. folio. (Incomplete.)

N.Y.

Despite its title this well-edited journal has published numerous papers by American naturalists of repute, several of whose contributions have been reprinted and listed in this *Catalogue*.

FOREST AND STREAM BIRD NOTES.

See BAILEY, H. B., 1881.

FOREST AND STREAM SERIES.

1885. No. 1. Shore Birds. 8vo. New York.

FORREST, H. EDWARD.

1899. The Fauna of Shropshire, etc. 8vo.

Shrewsbury.

1907. The vertebrate fauna of North Wales. pp. lxxiv+537. front. 27 pl. map (col. fold.). *T. of c. bibliogr.* 2 indexes.

London.

Two hundred and seventy-two species of birds are enumerated.

[FORREST, H. E. (contd.)]

1919. A handbook to the vertebrate fauna of North Wales. 8vo. pp. (6)+106. *T. of c. index.* London.

The present volume is a condensed summary of the author's larger work, *The Vertebrate Fauna of North Wales*, published in 1907, with some additional matter accumulated during the past 12 years.

FORSKÅL, PEHR [1736-63].

1775. *Descriptiones Animalium Avium, Amphibiorum, Piscium . . . post mortem auctoris edidit C. Niebuhr, etc.* 4to. pp. 164. 1 map. *Hauniae.*

This fundamental treatise was, like most of this eminent writer's works, edited after his death by his friend Niebuhr.

1776. *Icones rerum naturalium.* 4to. pp. 15. 43 pl. *Hauniae (Copenhagen).*

Another edition appeared the same year.

FORSTER, EDWARD [1765-1849].

1817. *Catalogue Avium in Insulis Britannicis habitantium.* 8vo. *Londini.*

FORSTER, GEORG. See SPARRMAN, A., 1784.**FORSTER, JOHANN GEORG ADAM [1754-94].**

1777. A voyage round the world, in His Britannic Majesty's sloop *Resolution*, commanded by Capt. James Cook, during the years 1772, 3, 4 and 5. 2 vols. 4to. Vol. I, pp. xviii+602+(1). *front. (map, fold.). T. of c.* Vol. II, pp. 607. *T. of c.* London.

This excellent narrative contains many notes on the natural history of the regions visited, references to birds occurring throughout both volumes.

FORSTER, JOHANN REINHOLD [1729-98].

1771. A Catalogue of the Animals of North America, containing an Enumeration of the known Quadrupeds, Birds, Fish, . . . many . . . never described before, with Directions for Collecting, Preserving and Transporting all Kinds of Natural History Curiosities. Engraved frontispiece of the Little Falcon by R. Murray. 8vo. pp. 43. 1 pl. *London.*

The present excessively rare volume is Thomas Pennant's copy, interleaved with manuscript notes in his own handwriting. It was certainly used in preparing his treatise on arctic zoology. A reprint was made in 1882.

1781. *Indische Zoologie.* folio. pp. 8+4+42. 15 pl. German and Latin in parallel columns. *Halle.*

This work, including the colored plates of the 1795 edition is, three-fourths of it, made up of a translation of Pennant's *Indian Zoology* (q.v.), most of the combination being eventually incorporated in later editions of Pennant's works to which it rightly belongs.

1788. *Enchiridion Historiae Naturali inserviens, quo termini et delineationes ad Avium, Piscium, Insectorum et Plantarum adumbrationes intelligendas et concinnandas, secundum methodum systematis Linnaeani continentur.* 8vo. pp. xvi+224. *Halae.*

Editio princeps. A reset edition was issued in 1794 and the Blacker Library has another dated 1797. Separates on special subjects from this treatise also exist.

1790-1. An Essay on India. 4to.

Translated from and bound up with the author's *Indische Zoologie.* See also the second edition of Pennant's *Indian Zoology.*

1797. *Enchiridion historiae naturali, etc. Editio altera emendatior.* 8vo. pp. 8+224. *Londini.*

[1799] An VII. Manuel pour Servir à l'Histoire Naturelle des Oiseaux, des Poissons, etc. 8vo. *Paris.*

A French translation and adaptation of the author's *Enchiridion.*

1882. A Catalogue of the Animals of North America, etc. 8vo. pp. 43. 1 pl. *London.*

Reprinted by the Willughby Society in 1882, with a preface by P. L. Sclater. The extremely rare original (a copy of which is in the Blacker Library) was issued in 1771.

1882. Forster's Catalogue of the Animals of North America, or *Faunula Americana* (1771). Edited (with a preface) by P. L. Sclater. 8vo. pp. iv+43. 1 pl. *London.*

See also WILLUGHBY SOCIETY.

1882. Forster's Animals of Hudson Bay. Edited by P. L. Sclater. 8vo. pp. iv+53. Reprinted from the *Phil. Trans. Roy. Soc. Lond.*, vol. LXII, 1772. The pagination of the original is also given.

See also WILLUGHBY SOCIETY. *London.*

1884. *Descriptiones animalium quae in itinere ad Maris australis terras per annos 1772, 1773 et 1774 suscepto collegit.* 8vo. pp. xiii+424. *Berolini.*

An excellent, annotated excerpt from the author's works published in Berlin by the *Akademie der Wissenschaften.*

FORSTER, THOMAS IGNATIUS MARIA [1789-1860].

1808. Observations on the brumal retreat of the swallow, to which is annexed a copious index to many passages relating to this bird, in ancient and modern authors, by Philochelidon [pseud.]. 8vo. pp. 27+[5].

The first edition of this contribution to a very old controversy is a very rare item. The present copy is from the Mullens Library.

1817. Observations of the natural history of swallows, to which is added a general catalogue of British birds. 6th ed. 8vo. pp. xiv+97. *front. 4 pl. append.* *London.*

There are two editions of 1817, differing slightly in their titles only. The 'Catalogus Avium', etc., pp. 65-97 is the same as that issued separately by Edw. Forster under his own name and in the same year.

1824. The perennial calendar, and companion to the almanack; illustrating the events of every day in the year. 8vo. pp. xxvii+804. 5 indexes. *London.*

Notices of birds and other animals figure throughout these pages.

FORSTLICH - NATURWISSENSCHAFTLICHE ZEITSCHRIFT. 1892-8. (All pub.) *Munich.***FORTESCUE, THOMAS, Baron CLERMONT.**

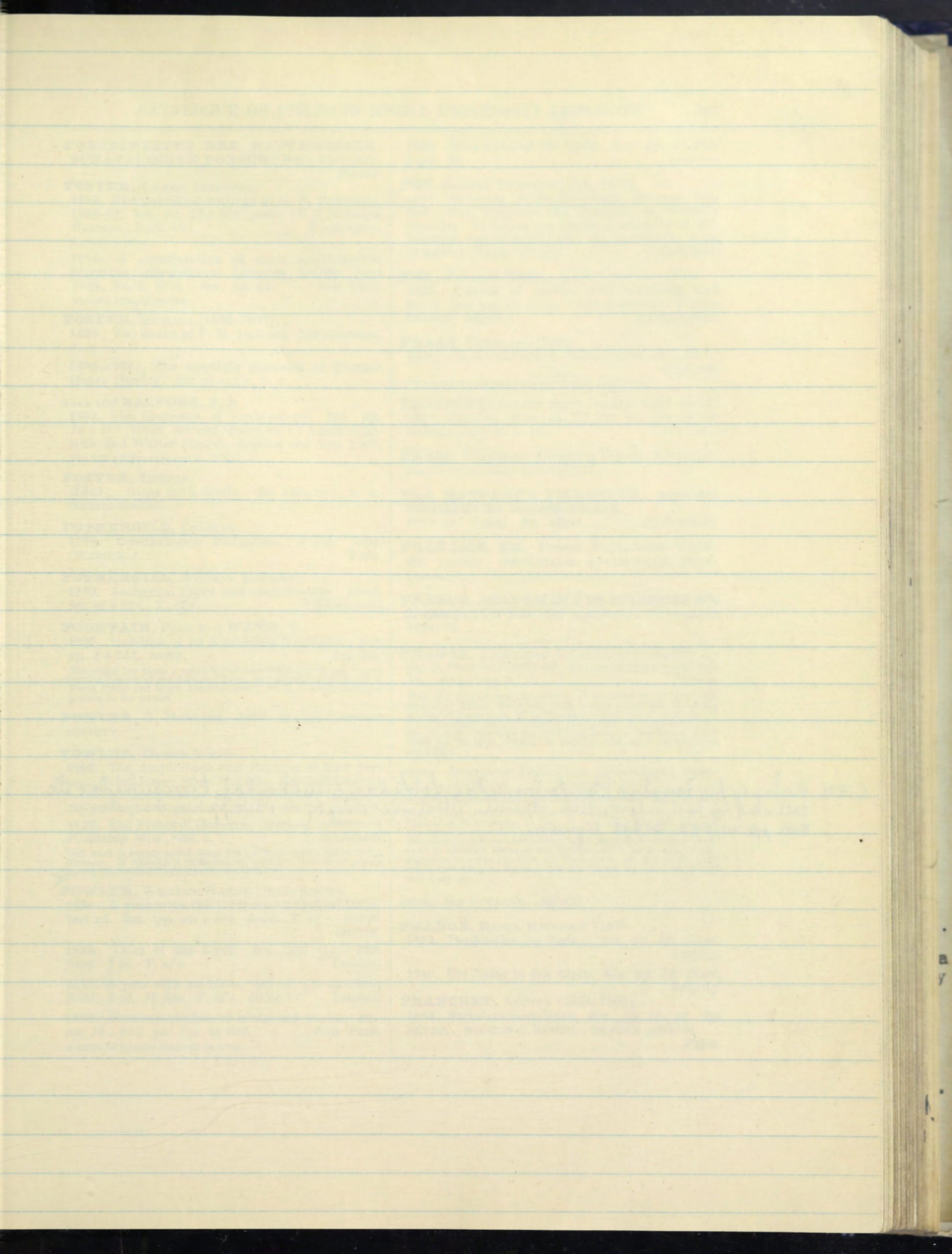
1859. A guide to the Quadrupeds and Reptiles of Europe. 12mo. pp. 8+277. *London.*

A useful manual of little scientific importance.

FORTIS, ALBERTO [1741-1803].

1778. *Travels into Dalmatia, etc.* 4to. (Wanting.) *London.*

FORTSCHRITTE DER GEOLOGIE UND PALAEOONTOLOGIE. 1923-date. *Berlin.***FORTSCHRITTE DER NATURWISSENSCHAFT IN BIOGRAPHISCHEN BILDERN. 1856-7?** *Berlin.*



< 1931. Fishes of the Families Pseudochromidae, Lotidae, Peupheridae, Pisacanthidae, etc.,
collected by the U.S. Bur. Fish. Steamer "Albatross," chiefly in Philippine Seas, etc.
800. pp. xii, 388. 29 text figures.

FORTSCHRITTE DER NATURWISSENSCHAFTLICHEN FORSCHUNG. 1910-date.
Berlin.

FOSTER, LYMAN SPALDING.

1892. The published writings of G. N. Lawrence, 1844-91. 8vo. pp. 12+124. *portr.* (U.S. National Museum. Bull. 40.)
Washington.

Author's reprint.

1894. A consideration of some ornithological literature. (*Proceedings Linnæan Society*, New York, No. 6, 1894.) 8vo. pp. 53.
New York.

Author's repaged reprint.

FOSTER, MICHAEL [1836-1907].

1885. The works of F. M. Balfour. See BALFOUR, F. M.

1898-1902. The scientific memoirs of Thomas Henry Huxley. See HUXLEY, T. H.

**** and **BALFOUR, F. M.**

1902. The Elements of Embryology. 8vo. pp. 16+486. *illust.* Second edition ed. by Adam Sedgwick and Walter Heape. London and New York.
The first edition appeared in 1874.

FOSTER, THOMAS.

[1882]. Birds with teeth. See PROCTOR, R. A. Nature studies.

FOTHERGILL, CHARLES.

1799. Ornithologica Britannica. 1 vol. folio. (Wanting.)
York.

FOTHERGILL, WILLIAM EDWARD.

1890. Zoological types and classification. 12mo. pp. xi+214. T. of c.
Edinburgh.

FOUNTAIN, PAUL and WARD, T.

1907. Rambles of an Australian Naturalist. 8vo. pp. 8+343. *index.*
London.

The editor has made a speciality of describing deserts and forests (with a history of the flora and fauna he encountered in them) of North (1902) and South America (1901); W. H. Hudson writing a preface to the former.

FOWLER, G. HERBERT. 1912. See CHALLENGER SOCIETY.

FOWLER, HENRY WEED.

1907. The Amphibians and Reptiles of New Jersey. (New Jersey State Museum, Annual Report.)
Trenton.

This author has also reported upon the N.J. Fishes, fossil and recent.

1928. The Fishes of Oceania. *Mem. of the Bernice P. Bishop Mus.*, vol. x.
Honolulu.

This work is largely based upon the 1,400 specimens stored in the Museum. It contains a bibliography, with annotations of papers having ichthyologic references to Oceania.

FOWLER, WILLIAM WARDE [1847-?1919].

1886. A year with the birds by an Oxford tutor. 2nd ed. 8vo. pp. xii+179. *front.* T. of c. *index.*
Oxford.

1888. Tales of the birds. 8vo. pp. (12)+209. *front.* 7 pl. T. of c.
London.

1891. A year with the birds. 3rd ed. pp. xv+265. *front.* 2 pl. 18 figs. T. of c. *index.*
London.

1895. Summer studies of birds and books. 8vo. pp. 10+288. pl. figs. in text.
New York.

A series of popular chapters on birds.

1902. More tales of the birds. 8vo. pp. 4+232. *front.* pl.
London.

FOX, GEORGE TOWNSEND [ob. 1847].

1827. Synopsis of the Newcastle museum, late the Allan, formerly the Tunstall, or Wycliffe museum; to which are prefixed memoirs of Mr. Tunstall, the founder. 8vo. pp. xxii+312. 7 pl. (1 *portr.*). 9 figs. T. of c.
Newcastle.

FOX, HERBERT [1880-].

1923. Disease in captive wild mammals and birds. 8vo. pp. vii+665. 87 pl. (*part col.*). T. of c. *bibliogr. index.*
Philadelphia.

FRAAS, EBERHARD [1862-].

1896. Die schwäbischen Trias-Saurier, etc. 4to. Stuttgart.
On a local deposit of (German) reptilian fossil forms.

FRAIPONT, JULIEN JEAN JOSEPH [1857-1919].

1910. Oiseaux. folio. pp. 2+130. pl. See SELYS-LONGCHAMPS, M. E. DE.
Brussels.

FRAM. Norwegian Exploring Vessel. See VIDENSKABS-SELSKABET (1904)-7-11.

FRA NATURENS VÆRKSTED; populært Tidsskrift for Naturkundskab.

1912-17. 5 vols. 4to. *illust.*
Kjøbenhavn.

FRANÇAIS, LE. French Exploration Vessel.

See FRANCE. EXPÉDITION ANTARCTIQUE FRANÇAISE.

FRANCE, ACADEMIE DES SCIENCES DE L'INSTITUT DE. See ACADEMIE . . . FRANCE, 1901-22.

FRANCE. Expédition Antarctique Française . . . par J. Charcot (1906)-08. Documents scientifiques 4to. (Wanting.)
Paris.

This, the first of two expeditions, is described in 18 fascicules, separately dated. Relatively little is said about the vertebrate zoology of the voyage. E. L. Trouessart (1907, pp. 27, 4 pl., figs. in text) describes the *Mammifères Pinnipèdes*; R. Anthony (1907, pp. 17, 2 pl., text-figs.) the Birds and Seals; A. Ménégau, Birds (1907, pp. 79, 12 pl., 1 map); L. Vaillant (1906, pp. 51, *illust.* text), the Fishes.

****. Deuxième Expédition Antarctique Française (1908-10) . . . 'Pourquoi-Pas?' . . . par J. Charcot. Documents scientifiques. 4to. Paris.

The account of this second antarctic voyage of discovery appeared 1911-17 in 20 fascicules; to 1921, 21 vols. Generally each paper of the report is separately paged and dated. As was the case of the first expedition vertebrate zoology is not extensively treated. However, J. Liouville wrote on the Whales (1913), pp. 6+276, 15 pls., numerous text-figs.; L. Gain, the Birds (1914), pp. 200, 15 pl., 2 col. maps, text-figs.; L. Roule (1913) the Fishes, pp. 24, 3 pl. (plain) and 1 col. pl.

****. See VOYAGES, FRENCH.

FRANCÉ, RAOUL HEINRICH [1874-].

1910. Denkmäler der Natur. 8vo. pp. 79. *illust.*
Leipzig.

1910. Die Natur in den Alpen. 8vo. pp. 84. *illust.*
Leipzig.

FRANCHET, ADRIEN [1834-1900].

1882. Sertulum Somalense. 8vo. pp. 70. pl. See RÉVOIL. MISSION G. RÉVOIL AUX PAYS ÇOMALIS.
Paris.

FRANCIS, WILLIAM and MULLIN, JOHN.

[1923]. The British Guiana handbook, 1922. 8vo. pp. x+300. front. (portr.). 56 pl. 1 map (col. fold.). T. of c. append. index. Georgetown.

The birds are described on pp. 83-6, with one illustration, and again on p. 288 there is a list of wild birds absolutely protected, as well as one of wild birds protected during the close season.

FRANCKLIN, H.

n.d. Utility fowls; their selection, improvement and diseases. 12mo. pp. 36. 17 figs. London.

FRANÇOIS, P.

1885. Contributions à l'étude du système nerveux des Hirudinées. 8vo. pp. 112. Paris.

FRANKFURT-AM-MAIN.

1834-45. Museum Senckenbergianum; Abhandlungen aus dem Gebiete der beschreibenden Naturgeschichte von Mitgliedern der Senckenbergischen naturforschenden Gesellschaft in Frankfurt am Main. Vols. 1-3 (all pub.). 4to. pl.

FRANKFURT-AM-MAIN. Naturwissenschaftlicher Beobachter.

(Zoologischer Garten, 1-46; Zoologischer Beobachter.) 1863-1922. (All pub.)

FRANKLAND, JONATHAN.

1859-60. La Vie des Animaux, etc. 6 vols. 8vo. (Wanting.) Paris.

FRANKLIN, Sir JOHN [1786-1847].

1823. Narrative of a Journey to the Polar Sea . . . in 1819-22. With an Appendix relating to Natural History. 4to. pp. xvi+768. 30 pl. (col.). 4 maps. London.

1828. Narrative of a Second Expedition . . . to the Polar Sea . . . in 1825-27. 4to. pp. xxiv+319. 31 pl. 6 maps. text illust. London.

FRANZ, VICTOR.

1909. Das Vogelauge.

FRANZIUS, WOLFGANGUS [1564-1628].

1665. Historia animalium. 12mo. pp. 48+779. Amsteld.

At least six previous and several subsequent editions were published of this sacred history of animals for the use of theological students.

FRASER, HUGH [1860-].

1923. Amid the high hills. 8vo. pp. xv+224. front. (col.). 31 pl. (15 col.). 19 figs. T. of c. index. London.

FRASER, LOUIS.

1849. Zoologia typica, or figures of new and rare Mammals and Birds . . . in the Zoological Society of London. folio. pp. 8+70. 70 col. pl. with descriptive text. London.

A well-known work of considerable scientific value, issued in parts and limited to 250 copies. In the present volume the covers of pts. 1-14 are bound in.

FRAUENFELD, GEORG VON [1807-73].

1868. Neu aufgefundene Abbildung der Dronte und eines zweiten kurzflügeligen Vogels, wahrscheinlich des Poule Rouge au Bec de Bécasse der Maskarenen in der Privatbibliothek S. M. des verstorbenen Kaisers Franz, hrsg. von der K. K.

zoologisch-botanischen Gesellschaft. folio. pp. [6]+16. 4 pl. Wien.

One of the best accounts of the Dodo, describing the discovery in Vienna of a painting of that extinct bird. The picture is reproduced in color. On two other large folio plates are outline drawings of every picture of the Dodo to the date of publication of this interesting monograph. The present volume is from the Cabanis-Reichenow collection.

1871. (Die) Grundlagen des Vogelschutzgesetzes. 8vo. pp. 18. Wien.

A brief statement of laws for the protection of birds in Austria.

FREDERICK II, Emperor of Germany [1194-1250].

13th century. Two photostats of the Vatican Library MS. shelved as Pal. Lat. 1071, with notes by Casey A. Wood, made in Rome, 1930. folio. pp. 8.

This reproduction of part of the famous MS. *De arte venandi cum avibus* includes pictures of all the bird portraits painted in this unique manuscript.

1596. Reliqua librorum Friderici II . . . De arte venandi cum avibus, cum regis Manfredi additionibus. Ex membranibus vetustis nunc primum edita. Albertus Magnus de Falconibus, Asturibus, et Accipitribus. 8vo. pp. 16+414.

Augustae Vindelicorum.

The above title heads one of several printed copies of a six-part codex of a medieval manuscript on hawking by the celebrated Frederick II who was assisted in its preparation by his son, King Manfred of Italy. The original manuscript was subsequently edited and amended by Albertus Magnus. The Compiler examined in the Vatican Library a beautifully illustrated thirteenth-century codex, prepared by Frederick and Manfred shortly before the death of the latter, in which many birds of chase are carefully pictured and described.

1788-9. Reliq. Librorum Friderici II., Imp. De Arte Venandi cum Avibus cum Manfredi Regis additionibus, &c., accedunt Alberti Magni Capita de Falconibus Asturibus & Accipitribus quibus annotat. add. suas Jo. Gottl. Schneider. Tome I. 3 engraved plates. Ad Reliq. Librorum Friderici II & Alb. Magni Capita Commentarii, &c., cum Auct. Emend. atque annot. ad Aeliani de Nature Animal. Libros. Auctor Jo. Gottl. Schneider. Tome II. 3 engraved plates. in 1 vol. 4to. Lipsiae.

The best and most complete account of the zoological works of the celebrated Emperor.

1896. Bücher von der Natur der Vögel und der Falknerei mit den Zusätzen des Königs Manfred; aus dem Lateinischen übersetzt von H. Schöpffer. folio. pp. xvi+212. 8 pl. 40 figs. index. Berlin.

This is a German translation from the Latin of the celebrated treatise *De arte venandi cum avibus*, by the Hohenstaufen emperor Friedrich II, a book which can still be consulted profitably. It was first printed in Augsburg in 1596. The present edition is illustrated with 8 plates and 40 text-figures by the translator.

FREEMAN, G. E.

1869. Practical Falconry, etc. 8vo. London.

FREIBURG IN BREISGAU. Naturforschender Gesellschaft zu Freiburg.

1858-85. Bericht ueber die Verhandlungen.

1886-1930. Berichte.

FRENCH, JOHN C. [1858-] and others.

1919. The passenger pigeon in Pennsylvania. 8vo. pp. 7+257. front. (portr.). 24 pl. 20 figs. index. Altoona, Pa.

FRENCH, NATHANIEL STOWERS [1854-?1925].

1902. Animal activities; a first book in zoology. 8vo. pp. xxi+262. illust. 205 figs. T. of c. index. New York.

Francois, P. 1626. Essay des Merveilles de Nature et des plus nobles artifices/
4to, pp. [12], 601. Rouen.

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The Wood Library now has ~~a~~ a Br. Mus. photostat of this item
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→ 1913 U. A. Neu bearb. von A. Bau. Mit 551 naturtreuen Farbedruck-
bildern auf 50 Taf. 35 Textbilder, 1 Taf. mit Raubvogelflugbildern
u. 3 Taf mit abb. v. Vogeleiern.

FRENZEL, AUGUST.

1892. Die Zwergpapageien. 12mo. pp. 8+55. *T. of c.* (Universal-Bibliothek für Thierfreunde, No. 20.) Leipzig.

A systematic catalogue of the typical parrots of the world with references to the literature on each species.

FREUNDE DER NATURWISSENSCHAFTEN IN WIEN.

1846-50. Bericht über die Mittheilungen.

FREYCINET, LOUIS CLAUDE DESAULSES DE [1779-1842].

1824. Voyage autour du monde . . . Exécuté sur les corvettes de S. M. l'Uranie et la Physicienne, pendant les années 1817, 1818, 1819 et 1820. 2 vols. 4to and folio. atlas. Paris.

In this famous voyage the fauna are described (with many species new to science) by Quoy and Gaimard.

FREYER, HEINRICH [1802-67].

1842. Fauna der in Krain bekannten Säugethiere, Vögel, Reptilien und Fische. 4to. pp. 8+90. Laibach.

FRIBOURG. Société fribourgeoise des sciences naturelles.

1879-date. Bulletin, Comptes-rendu.

FRIČ, ANTONÍN JAN [1832-?1913]. See FRITSCH, ANTON JAN (the German form of the author's Czech name).**FRICK, CHRISTOPH.** [17th cent.].

[1929]. Voyages to the East Indies. Introd. and notes by C. E. Fayle; tr. from the Dutch. 8vo. pp. 44+276. pl. (The Seafarer's Library.) Review by John Still inserted. London.

FRICKER, ANTONIUS.

1827. Dissertatio inauguralis de Oculo Reptilium. 4to. (Wanting.) Tubingae.

FRIDERICH, C. G.

1849. Naturgeschichte aller deutschen Zimmerhaus- und Jagdvögel, nebst einem Anhang über die ausländischen Vögel, welche in Deutschland im Handel vorkommen. 8vo. pp. 10+660. pl. Stuttgart.

First edition (very rare) of this useful handbook on the care of domestic and caged birds—including hunting falcons. No copy in the *Br. Mus. Cat. (Nat. Hist.)*.

1876. Vollständige Naturgeschichte der deutschen Zimmer-, Haus-Voegel, etc. 3rd. ed. 8vo. pp. 68+942. 20 col. pl. Stuttgart.

[1883]. Die nützlichen Vögel. 12mo. pp. iv+112. 60 col. pl. index. Lausanne.

1905. Naturgeschichte der Deutschen Vögel. 4to. pp. 859. 57 pl. with 410 col. figs. *T. of c.* index. Stuttgart.

The fifth edition, the first one having appeared in 1849, and the sixth in 1923. The copy in hand is from the Cabanis-Reichenow collection.

FRIEDLÄNDER, RAPHAEL und Sohn.

1879-1930. Naturae Novitates (q.v.).

1880-6. Bibliotheca historico-naturalis et mathematica; Lager-Catalog. Naturwissenschaften—Exacte Wissenschaften. 8vo. Berlin.

1901. Zoologisches Adressbuch. Namen und Adressen der lebenden Zoologen, etc. 2 Thl. 8vo. Berlin.

FRIEDMANN, HERBERT [1900-].

1929. The Cowbirds. A study in the biology of social parasitism. 8vo. pp. 18+421. 29 pl. 12 text-figs. Springfield, Ill.

A serious and most interesting study of these Cuckoo-like birds in North and South America, to which countries the Cuckoos or Icteridae are confined. The author has recently been appointed to the important position of Curator of Birds in the Smithsonian Institution where his further investigations of parasitism in bird life will be readily carried on.

FRIEDRICH-WILHELMS UNIVERSITÄT —Zoologische Sammlung.

1854. Nomenclator avium Musei zoologici berlinensis. 8vo. pp. viii+123. index. Berlin.

Presentation copy to P. L. Sclater. MS. notes inserted.

1888. Liste der Autoren zoologischer Artbegriffe zusammengestellt für die zoologische Sammlung des Königlichen Museums für Naturkunde in Berlin. 8vo. pp. [4]+87. Berlin.

A useful list of authors of zoological literature with proposed abbreviations of their names for reference.

FRIES, BENGT FREDRIK [1799-1839] and others.

[1892-5]. A history of Scandinavian fishes with 55 coloured plates by Wilhelm von Wright. Tr. from the Swedish. 2 vols. folio. Stockholm.

This, the second edition of a well-known work, has been revised and amended by F. A. Smith. In this form it is one of the chief authorities on North European fishes.

FRIESEN, JOHAN OTTO VON.

1860. Öfversigt af sveriges ornithologiska litteratur. 8vo. pp. 44. (Uppsala University thesis.) Stockholm.

FRISCH, FERDINAND HELFREICH [1707-58].

1733-63. Vorstellung der Vögel. See FRISCH, JOHANN L.

FRISCH, JOHANN LEONHARD [1666-1743] and others.

1733-63. Vorstellung der vögel in Teutschland, und beyläuffig auch einiger fremden, mit ihren natürlichen farben. 2 vols. folio. portr. 253 col. pl. Unpaged; plates numbered. Berlin.

The birds are divided into 12 classes, and each class is treated in a separate section, having special t.-p. dated 1733 to 1763. Titles vary slightly. At the author's death in 1743, only the first 4 classes were completed, and his son, Jodocus Leopold Frisch, assisted by Baron Zorn, assumed charge of the preparation of the text. Nearly all of the plates were engraved and colored by another son, Ferdinand Helfreich Frisch, who had charge of the publication for 22 years. After his death, in 1758, his son had the work completed. This first edition is a rare classic—a pictorial account of the birds of Germany which appeared at irregular intervals during 30 years in 14 parts and a supplement. A later edition (1817) was issued with prints of some of the original plates, and in part altered text. A complete account of this interesting contribution to ornithology is furnished by Schalow in his *Beiträge zur Vogelfauna der Mark Brandenburg*, p. 63, 1919. The present copy, bound in the original calf, is from Baron Dimsdale's library.

1817. Vorstellung der Vögel Deutschlands.

Berlin.

A later edition of the *editio princeps*, 1733-63.

FRISCH, JOST (JODOCUS) LEOPOLD [1714-87].

1733-63. Vorstellung der Vögel in Teutschland. See FRISCH, JOHANN L.

FRITSCH, ANTON JAN (FRIČ, A. J.) [1832-1913].

1852-70. Naturgeschichte der Vögel Europa's

[FRITSCH, A. J. (contd.)]

1 vol. text, 8vo, and 1 folio atlas. Vol. I. 1852-70. pp. xv+506+12. T. of c. index. Vol. II. Atlas. no t.-p. folio. 61 col. pl. Prag.

This rare work consists of German text accompanying the colored plates that portray about 700 species of European birds, all of which are fully described. The names of species are given in Latin, German, Czechish, and French. This is the original edition, but there were subsequently printed more or less complete and amended issues both in German, Bohemian, and English. The author's Czechish name was Frič. Not listed in the *Br. Mus. Cat. (Nat. Hist.)*.

1898. *Naturgeschichte der Vögel Europa's*. 3te Aufl. 8vo. pp. xv+506+[12]. T. of c. index. [Vol. II.] Atlas. ?1870. MS. t.-p. folio. 61 col. pl. (over 700 sm. figs.). Prag.

Almost identical with the first edition. As the author furnishes no preface to a second edition—indeed, does not mention it—and skips from 'Vorwort zur ersten Auflage' to 'Vorwort zur dritten Auflage', one may assume that he regards the Czechish edition (?1870) or the English translation (1877) as filling that position. A prospectus to this edition, accompanied by a full-page colored portrait of *Bubo maximus*, Bp. from plate 12, was inserted in the text volume in hand. The two volumes are a present from the author to Prof. Reichenow of whose library they once formed a part. He has made a few marginal notes and inscribed the blank title-page of the Atlas as follows: 'Naturgeschichte der Vögel Europa's von Dr. Anton Fritsch Atlas, Prag 1870. Verlag des Vorfassers. In commission bei F. Tempsky.'

FROHAWK, FREDERICK WILLIAM [1861-]

1919. British Museum (Natural History). Economic series No. 9. Birds beneficial to agriculture. 8vo. pp. vi+47. 22 pl. T. of c. index. London.

1929. See ORIGINAL DRAWINGS.

FROST, CHARLES. See HORN, W. A. Report on the . . . Scientific Expedition, 1896.

FRYKE, CHRISTOPHER and SCHWEITZER, CHRISTOPHER.

1700. Voyages to the East Indies. Reprinted in the Seafarers' Library, 1929. With Introduction and Notes by C. Ernest Fayle. 8vo. 8 half-tone pl. London.

These two Voyages, undertaken in the seventeenth century by naturalist-adventurers in the service of the Dutch East India Company, contain many references to the faunal and floral life of India, Malaya, and Ceylon.

Frick (Fryke) was a surgeon of Ulm and seems to be the more reliable observer of the two. His relative, F. Frick, had already published several medical works, so that he was himself probably not quite unknown to science.

FUERTES, LOUIS. 1927. See ALLEN, A. A.

FUGLENE VED DE DANSKE FYR. (Annual.) See JAHRESBERICHT ÜBER DIE BEOBACHTUNGSSTATIONEN IN DÄNEMARK.

FUHRMANN, OTTO [1877-]

1914. Voyage d'exploration scientifique en Colombie, etc. 4to. pp. 116+1,090. illust. 24 pl. 2 maps (1 fold.). (*Mémoires de la Société neuchâteloise des sciences naturelles*, vol. V.) Neuchâtel.

FULCHER, F. A.

?1900. Birds of our island. 8vo. pp. 368. front. 19 pl. 76 figs. T. of c. index. London.

FULLJAMES, H. J.

n.d. The chaffinch. 24mo. pp. 26. 3 figs. London.

n.d. The Greenfinch. 24mo. pp. 27. 2 figs. London.

n.d. Insectivorous British birds. 24mo. pp. 26. 1 fig. London.

n.d. The siskin and redpoll. 24mo. pp. 29. 1 fig. London.

FULTON, ROBERT [1765-1815].

[1874-6]. The illustrated book of pigeons. 4to. pp. viii+392. front. (col.). 49 pl. (col.). 71 figs. T. of c. append. index. London.

Probably the best known popular treatise on the breeding and rearing of British pigeons. The colored illustrations are very good. It is a posthumous work, edited by Lewis Wright.

1890. The illustrated book of pigeons. 4to. 50 pl. (col.). London.

One of several editions of this work.

FUR AND FEATHER SERIES.

Among interesting accounts of faunal life in the British Isles, H. A. Macpherson wrote tractates on the partridge (1893), the grouse (1894), and the pheasant (1895); L. H. De V. Shaw on snipe and woodcock (1903) and wildfowl (1905). These titles are more fully described under authors' headings in this *Catalogue*.

FÜRBRINGER, MAX [1846-1920].

1888. *Untersuchungen zur Morphologie und Systematik der Vögel*. 2 vols. 4to. pp. 1,800. 30 pl. (part col.). Jena and Amsterdam.

This monumental, classic treatise still remains the best original work on the minute anatomy of birds. See also BRONN, H. G., 1859.

1913. *Schlussübersicht über den gesamten Inhalt von Professor Semon's Zoologischen Forschungsreisen*. folio. pp. 63. Jena.

FÜR NATURFREUNDE.

1910-14. Jahrgang. 1-5 (all pub.). Godesberg.

FÜRST, HERMANN.

1893-4. *Deutschland's nützliche und schädliche Vögel*. 2 vols. Vol. I. 1893. 8vo. text. pp. iii+100+4. T. of c. Vol. II. 1894. folio. plates. pp. [2]. 32 col. pl. Berlin.

A well-illustrated work on the economic status of German birds.

GAAL DE GYULA, GASTON.

1900. *Beiträge zur Erforschung des Vogelzuges*. 4to. pp. 4+391. maps. (Author's reprint from *Aquila*, vol. 7.) Budapest.

GABRIELSON, I. N. and KALMBACH, E. R.

1921. Economic value of the starling in the United States. See KALMBACH, E. R.

GADEAU DE KERVILLE, HENRI [1858-]

1888-97. *Faune de la Normandie*. 4 vols. in 3. 4to. pl. Vol. 1. Mammifères. 2-3. Oiseaux. 4. Reptiles, Batraciens et poissons. Author's reprint. (*Bull. de la Soc. des amis des sciences naturelles de Rouen*, 1887-96.) Paris.

1893. *Die leuchtenden Tiere etc.* *Illust.* London.

1894-1901. *Recherches sur les faunes marine et maritime de la Normandie*. 3 vols. 8vo. pp. 127. 11 pl. Paris.

GADOW, HANS [1855-1927].

1869-91. See BRONN, H. G. *Die Klassen, etc.*, 1869-91.

1883. *Catalogue of the Passeriformes . . . in the collection of the British museum*. 8vo. pp. xiii+385. 9 pl. (col.). 35 figs. addend. 2 indexes. London.

Species described number 402, of which 337 are in the Museum. The fine colored plates are by J. Smit.

Quelle. h.a. n.d. Portfolio of 106 Coloured bird plates.
N.Y. State Museum. Albany.

h/

Gadow. H.F. 1913

The wanderings of animals. An account of some of
the strange habits and adaptations of animals in various
parts of the world. 150p.

1885. See FLOWER, Sir WILLIAM H., 1885.
1891. Remarks on the structure of certain Hawaiian birds. See WILSON, S. B. and EVANS, A. H.
1892. Crop and sternum of *Opisthocomus cristatus*. 8vo. pp. 47. 2 pl. (Royal Irish Academy, 1891.)
Dublin.
- This author's reprint demonstrates the fact that the embryonic development of the Hoatzin shows a faithful but slightly condensed repetition of those changes which its ancestors have acquired through adaptation to a peculiarly isolated life and diet.
1895. See HARMER, S. F., 1895-1905.
1896. A dictionary of birds. See NEWTON, A.
1898. A Classification of Vertebrata, etc. 8vo.
London.
- An important contribution to the subject.
1901. Amphibia and Reptiles. Cambridge Natural History, vol. VIII. Cambridge and N.Y.
A classic treatise by a well-known naturalist.
1902. See GARDINER, J. S.
1908. Through southern Mexico, being an account of the travels of a naturalist. 8vo. pp. xvi+527. front. 9 pl. 1 map (fold.). 163 figs. T. of c. index.
London.
- GAEA. Natur und Leben.**
1864-1909. Merged into Naturwissenschaftliche Rundschau. Leipzig, Cologne.
- GAILLARD, CLAUDE and DARESSY, G.**
1905. La Faune momifiée de l'antique Égypte. 4to. Cairo.
Although issued as part of the *Catalogue général des Antiquités Égyptiennes du Musée*, etc., vol. XXV, this interesting account of faunal mummies (cats, hawks, etc.) occasionally appears as a separate publication.
1908. (Les) oiseaux des phosphorites du Quercy. 4to. pp. 2+178. 2 pl. 37 figs. in text. Lyon.
- GAIMARD, JOSEPH PAUL [1790-1858].**
1838-51. Voyage en Islande et au Groënland exécuté pendant les années 1835-36 sur la corvette la Recherche. Vols. 1-7. 8vo. illust. pl. phot. atlas. 3 vols. folio. Paris.
A famous expedition. Vol. 7 is devoted to Zoology and Medicine, by L. E. Robert.
- 1842-55. See VOYAGES . . . EN SCANDINAVIE, etc.
- **** and **QUOY.** See VOYAGES, FRENCH, L'ASTROLABE, 1830-5.
- GAIN, LOUIS.**
1908-10. See FRANCE. Deuxième Expédition Antarctique Française (1908-10).
- 1911-24. See CHARCOT, J. B. A. E.
- [1914]. Oiseaux antarctiques. 4to. pp. 200. 15 pl. 2 col. maps. 71 figs. Paris.
This second French Antarctic Expedition under Charcot in the 'Pourquoi Pas?' furnishes a very interesting account, well illustrated with photogravures, of the birds and eggs of the South Polar region, which is supplementary to the work of the First Expedition.
- GAJA-SĀSTRA or SCIENCE OF ELEPHANTS. The Sar.**
1927. English translation by Pandit V. Vijayaraghava. 136 illustrations of various elephants. Sanskrit text in Danavagari character. Tirupati.
- GALLAGHER, BERNARD ALFRED and WARD, A. R.**
1920. Diseases of domesticated birds, &c. See WARD, A. R.
- GALLATIN, FREDERIC, jr.**
1908. Catalogue of a collection of books on ornithology. 4to. pp. 177. portr. New York.
The most important part of this privately printed catalogue is the collection of occasional annotations.
- GALLOWAY, THOMAS WALTON [1866-].**
1915. Zoology; a text-book for universities, colleges and normal schools. 3rd ed. 8vo. pp. xiii+(I)+546. 255 figs. T. of c. bibliogr. index. Phila.
- GALLWEY, RALPH WILLIAM FRANKLAND PAYNE.**
See PAYNE-GALLWEY.
- GALTON, FRANCIS [1822-1911].**
1891. Narrative of an explorer in tropical South Africa, being an account of a visit to Damaraland in 1851. 4th ed. 12mo. pp. xviii+214. front. (portr.). 7 pl. (1 map). 12 figs. append. index.
London.
- Forming volume V of the Minerva Library of famous books edited by G. T. Bettany. References to birds are not many; those relating to Flamingos, Wild Duck, and Ostriches, etc., will be found on pp. 13, 35, 95, 144, and 191. The first edition was issued in 1853 under the title *Tropical South Africa*. The present edition is reprinted almost without alteration, although with a more explicit title.
- GAMBEL, WM.**
1847-9. Remarks on Birds . . . in Upper California. 2 pls. in 1. Phila.
- GAMBLE, FREDERICK WILLIAM [1869-].**
1905. Junior course of practical zoology. See MARSHALL, ARTHUR MILNES.
1908. Animal life. 8vo. pp. xviii+305. front. 62 figs. T. of c. index. New York.
1911. The animal world . . . with introduction by Sir Oliver Lodge. 2nd ed. 8vo. pp. xii+256. 36 figs. T. of c. bibliogr. glossary. index. London.
- GAME AND FISH CONSERVATIONIST.**
1920-date. Richmond.
- GARDINER, EDWARD GARDINER [1854-].**
1884. Beiträge zur Kenntniss des Epitrichiums und der Bildung des Vogelschnabels. 8vo. pp. 50. 2 pl. (fold.). bibliogr. Leipzig.
A study of the embryonic development of the avian bill, with especial reference to the epitrichial layer.
- GARDINER, JOHN STANLEY [1872-].**
1902-6. The Fauna and Geography of the Maldiva and Laccadive Archipelagoes. Vols. I-II. 4to. col. illust. Cambridge.
In this continuation of the report on the natural history of the Ceylon groups of islands, the amphibia and reptiles are described by F. F. Laidlaw; the Fishes by C. T. Regan, and the Birds by H. Gadow and J. S. Gardiner.
- **** and **TANSLEY, A. G.**
1923-4. The natural history of Wicken Fen. Pts. 1-2. 8vo. Pt. 1, pp. 64. front. (map col. fold.). 3 maps. T. of c. Pt. II, pp. 65-171. 4 pl. Cambridge.
An account of Fenland, an area of about 73 by 36 miles lying in the counties of Lincoln, Norfolk, Suffolk, Cambridge, Northampton, and Huntingdon, their animals and plants. The birds are described in part 1, pp. 29-36.

GARDINER, LINDA.

1923. Rare, vanishing & lost British birds, compiled from notes by W. H. Hudson. See HUDSON, W. H.

GARDNER, GEORGE.

[1922]. Cage and singing birds. New and rev. ed. 12mo. pp. 136. front. 56 figs. T. of c. London.

GARMAN, SAMUEL.

1884. The Reptiles of Bermuda. (United States National Museum. Bulletin, etc., No. 25.) 8vo. See also JONES, J. M. and GOODE, G. B. Washington.

GARNER, R. L.

1892. The Speech of Monkeys. 12mo. pp. 217. New York.

A treatise that provoked much criticism by mammalogists and others.

GARNER, ROBERT [1808-90].

1884. Natural History of Stafford, etc. 8vo. pp. 6 + 551. 8 pl. 1 map. illust. text. London.

GARNER AND SCIENCE RECORDERS' JOURNAL. 1885-92. See also NATURALISTS' GAZETTE.**GARRETT, ANDREW [1823-87] and GÜNTHER, A. C. L. G.**

1873-1910. Fische der Südsee. 4to. pp. 515. 180 col. pl. Hamburg.

GARROD, ALFRED HENRY [1846-79].

1878. On certain variations in the vocal organs of the Passeres, etc. See MÜLLER, JOHANNES.

1881. Collected scientific papers; ed. by W. A. Forbes. 4to. pp. 26 + 537. portr. 33 pl. London.

1881. See CHALLENGER REPORT, THOMSON, C. W.

GARSTANG, WALTER [1868-].

1922. Songs of the birds. 12mo. pp. 101. front. 40 figs. T. of c. London.

GART DER GESUNDHEIT ZU LATEIN HORTUS SANITATIS.

1536. Vielen hundert Holsen. von Tieren, etc. folio. See HORTUS SANITATIS. Strassburg.

GASK, LILIAN.

1927. All about Animals. 8vo. pp. 262. 200 illust. index. London.

One of the many attractive works by this popular writer on natural history.

GASKELL, WALTER HOLBROOK [1847-1914].

1908. The origin of vertebrates. 8vo. pp. ix + 537. 168 figs. T. of c. bibliogr. index. London.

An original and radical treatment of the subject.

GASPARINI, VINCENZO.

1894. Avifauna Marchigiana, . . . Manuale di Ornithologia sistematica, etc. 8vo. pp. lxxxix + 296. Fano.

GASTER, MOSES [1856-], ed. and tr.

1915. Rumanian bird and beast stories rendered into English. 8vo. pp. xx + 381. T. of c. 3 append. index. London.

GÄTKE, HEINRICH [1813-97].

1891. Die Vogelwarte Helgoland. 8vo. pp. xii + 609. portr. Braunschweig.

The first report on Helgoland as a bird observatory.

1895. Heligoland as an ornithological observatory; the result of fifty years' experience. Tr. by R. Rosenstock. 8vo. 25½ cm. pp. x + 599. front. illust. portr.

An important and well-known contribution to the study of avian migration. There are also two German editions, including the first original of 1891.

1900. Die Vogelwarte Helgoland. Hrsg. v. R. Blasius. 2 Aufl. Braunschweig.

1906. Die ornithologischen Tagebücher, 1848-87. . . Herausgegeben von R. Blasius. 8vo. pp. 175. 12 col. pl. many figs. in text. Leipzig.

An interesting supplement to the *Journal für Ornithologie*, Vol. 54.

GATTY, Mrs. MARGARET (born SCOTT) 'Mrs. ALFRED GATTY' [1809-73].

1867. Parables from nature. 8vo. pp. 9 + 398. 29 pl. T. of c. London.

GAUDRY, JEAN ALBERT [1827-? 96].

1862. Animaux fossiles et géologie de l'Attique.

A classic work by a noted authority.

1878. (Les) Enchainements du monde animal . . . mammifères tertiaires. illust. Paris.

GAULT, BENJAMIN T.

1922. Check list of the birds of Illinois together with a short list of 200 commoner birds and [A. A.] Allen's key to birds' nests. (Illinois Audubon Society.) 8vo. pp. 80. front. (map col.). T. of c. Chicago.

GAUSS, German Exploring Vessel. See DRYGALSKI, E. D., 1902-3; also GERMANY, DEUTSCHE SÜDPOLAR EXPEDITION, 1905.

GAY, CLAUDE [1800-73].

1844-71. Historia fisica y politica de Chile, etc. Text, 28 vols.; Atlas, 2 vols. 8vo and folio. The 8 vols. on Zoologia only are in the McGill libraries. Santiago and Paris.

This fine comprehensive work has given proper space to natural history, the mammals being treated by the author (1847), the birds by O. Des Murs, 1847, the reptiles and fishes by A. Guichenot in 1848-9. There are 13 plates of birds, 11 of mammals, 7 of living, 2 of fossil reptiles, and 11 of fishes.

GAZETTE DES ANIMAUX. 1880-95? Paris.**GAZZADI, DOMENICO and BASCHIERI, ANTONIO.**

1843-6. Zoologia morale esposta in centoventi discorsi in versi o in prosa. 2 vols. (pts.), paged consecutively. folio. pp. 478. 119 col. pl. index. Firenze.

This voluminous work on birds and other animals consists of a rather good description by Baschieri, with colored illustrations, of the animals, followed in each instance by a poem by Gazzadi. Many quotations from the Italian poet Casti (see his *Animali Parlanti* in the Blacker Library) are given.

GEDNEY, C. W.

1876? Foreign cage birds. 2 vols. 8vo. pp. 236. figs. in text. index. London.

GEE and MOFFATT.

1926. Chinese Birds. pp. 144.

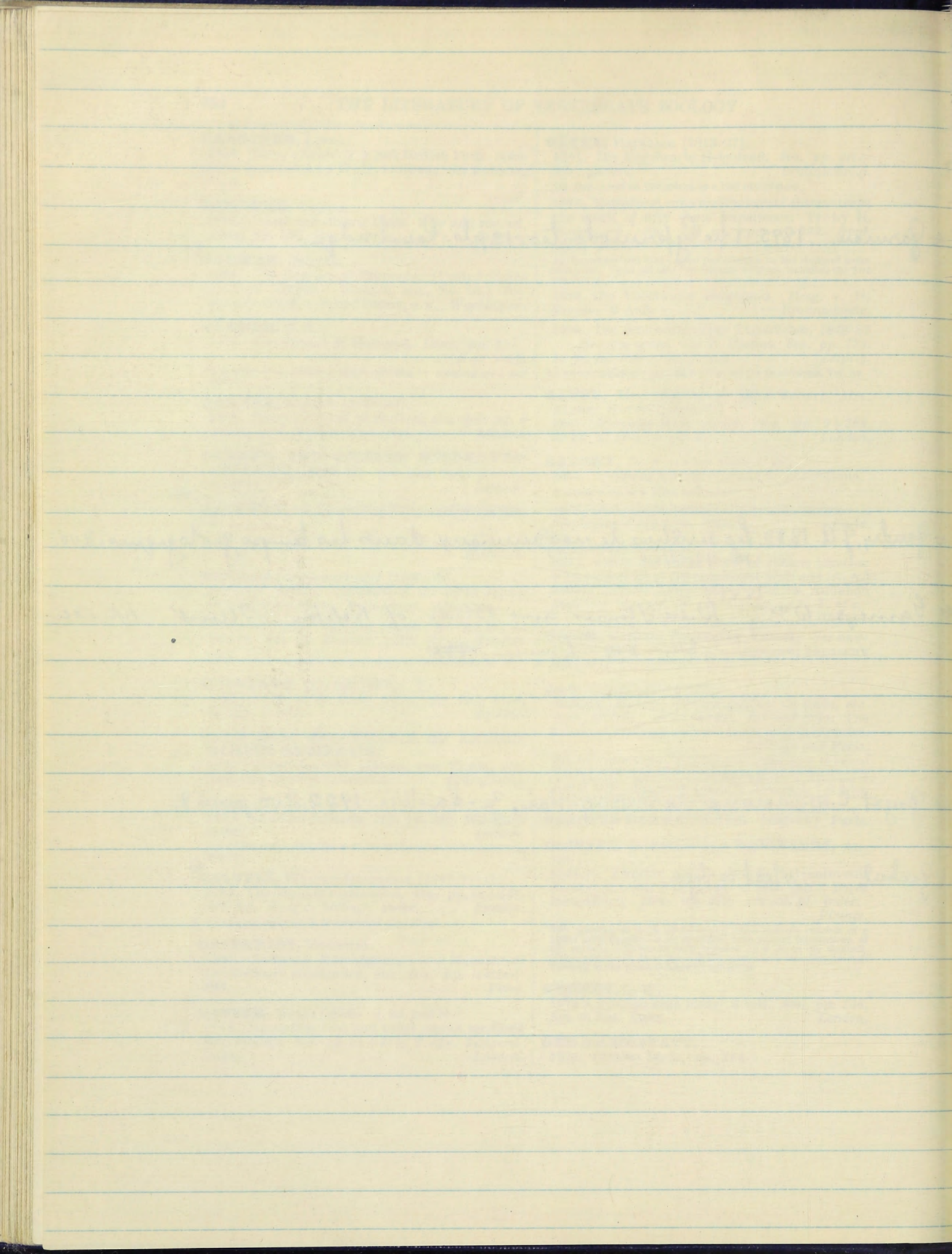
Garman, 1895. The Cyprinodontes. 12 pls. Cambridge.

Gaudry, J. A. 1888. Les ancêtres de nos animaux dans les temps géologiques. 8 vo.
pl., 49 illus.

Garney, W^m. ^{1881.} Wild Flowers and Birds of Repton. Illust. 1 pl. 18c
Sm. 8 vo London. ~~1887~~

Gayot, C. 1922. Oiseaux de Chang-Hai, Ze-la-Wei. 1922. 8 vo. pp. 59.

Zaschel, what is life.



GEELONG NATURALIST. *Geelong, Victoria.*
1891-8. Series 1.

1904-date. Series 2.

GEFIEDERTE WELT, DIE. Zeitschrift fuer Vogelliebhaber, Zuechter und Haendler. 1872-1930. Herausgegeben [later] Begrundet von Dr. Karl Russ; Herausgegeben und illustriert von Karl Neunzig in Hermsdorf bei Berlin. Weekly. large 4to. Illustrated by colored plates and many black cuts. Tinted, pictured wrappers. Current. A 'Beilage' issued with practically every Heft.

1872-85. Jahrgänge I-XIV. *Berlin.*

1886-date. Jahrgänge XV- . *Magdeburg.*

This magazine represents the best periodical literature on the culture of birds in general and of cage birds in particular—their anatomy, physiology, habits, daily behavior, psychology, pathology, therapy, etc. Established more than half a century ago by an educated pioneer in aviculture the conduct of this journal has been in all respects admirable. Each weekly number contained matter both of popular interest and of scientific value; and while the trade aspects of bird culture were not forgotten the encouragement of aviary and cage life was always regarded as of chief importance. The exigencies of a disastrous war compelled editor and publisher to reduce (in 1918) the yearly issue of parts from 52 to 24 but the periodical seems to have survived the pinch of circumstances and still retains its place as the most valuable of the German avicultural magazines. During its career most German ornithologists contributed to its columns.

GEFLUEGEL-BÖRSE. 1879-date. *Leipzig.*

GEFLUEGEL-FREUND. 1887-95? *Saalfeld.*

GEFLUEGELHOF. *Berlin.*
1881-2. Continued as Allgemeine Gefluogel-Zeitung.

GEFLUEGEL-WELT. 1909-date. *Chemnitz.*

GEFLUEGEL-ZÜCHTER. 1896-1917.
Leipzig, Connewitz.

GEFLÜGELZÜCHTER UND VOGEL-FREUND. Edited by Moessinger. *Frankfort.*
1879. I. Jahrgang.

1880. II. Jahrgang.

The only references known to the Compiler will be found in *Zeitschrift f. Ornithol. und pht. Vogelzucht*, 1892; Beilage 7 pp. and Ottó Herman's List of Journals on p. 187, Budapest, 1899.

GEGENBAUR, CARL [1826-1903].
1870. Grundzüge der vergleichenden Anatomie. Zweite, umgearbeitete Auflage. 8vo. pp. xii + 892. 319 woodcuts. *T. of c.* *Leipzig.*

This well-known textbook by the 'father of modern comparative anatomy' furnishes an elaborate study of the subject in the realm of both vertebrate and invertebrate zoology. Although now 60 years old the work still stands as an important contribution to the subject, and this, second, edition is generally regarded as a good exposition of the views of comparative anatomists towards the end of the nineteenth century.

1887. Über die Occipitalregion und die ihr benachbarten Wirbel der Fische. 4to. pp. 33. *diagr. pl.* *Leipzig.*

1898, 1901. Vergleichende Anatomie der Wirbel-Thiere mit Berücksichtigung der Wirbellosen. 2 vols. 8vo. *illust.*

CONTENTS. Vol. 1. Einleitung, Integument Skeletsystem, Muskelsystem, Nervensystem und Sinnesorgane. 2. Darmsystem und Athmungs-

organe, Gefässsystem oder Organe des Kreislaufs, Harn- und Geschlechtsorgane (Urogenitalsystem). *Leipzig.*

GEGENBAURS MORPHOLOGISCHES JAHRBUCH. 1875-date. *Leipzig.*

GEIKIE, ARCHIBALD [1835-1924].

1916. The birds of Shakespeare. 8vo. pp. ix + 120. 21 pl. *index.* *Glasgow.*

GEISENHEYNER, LUDWIG.

1907. Vögel. 12mo. pp. 7 + 57. *T. of c.* (Wirbeltierfauna von Kreuznach, unter Berücksichtigung des ganzen Nahgebiets.) *Kreuznach.*

GEMEINNÜTZIGE UNTERHALTUNGEN AUS DER ARZNEIKUNDE, NATURGESCHICHTE UND OECONOMIE. 1790-1. *Kiel.*

GEMEINNÜTZIGE UNTERHALTUNGEN ÜBER LÄNDER-, NATUR- UND VÖLKERKUNDE. 1803? *Erfurt.*

GEMEINVERSTÄNDLICHE DARWINISTISCHE VORTRÄGE UND ABHANDLUNGEN. 1901-8? *Odenkirchen.*

GEOLOGISCHE UND PALAEONTOLOGISCHE ABHANDLUNGEN. 1882/3-date. *Berlin, Jena.*

GEMINIANO, JOANNES DE SANCTO.

1499. Summa de exemplis ac similitudinibus rerum. J. et G. Gregorius. See also JOHANNES DE SANTO GEMINIANO. *Venetii.*

1584. Summa de exemplis et rerum similitudinibus locupletissima. 4to. *? Blacker, Venetii.*

GEMMILL, JAMES FAIRLIE.

1912. The Teratology of Fishes. 8vo. pp. 17 + 74. 26 pl. *text-figs.* *Glasgow.*

A monograph of merit by a well-known naturalist on a rather unusual subject—worthy of perusal by the advanced student of vertebrates.

GEMMINGER, MAX [1820-87] and **FAHRER, JOHANN.**

1851. Fauna Boica. Naturgeschichte der Thiere Bayerns. Vol. I. 8vo. *illust. pl.* *München.*

Unfortunately this projected cyclopedia did not advance further than one volume, on the mammalia.

GENERA AVIUM. See WYTSMAN, P.

GENEVA. Muséum d'Histoire Naturelle. See REVUE SUISSE DE ZOOLOGIE.

GENEVA. Société ornithologique suisse. 1865-71. Bulletin. See BULLETIN DE LA SOCIÉTÉ ORNITHOLOGIQUE SUISSE.

GENEVA. Société de physique et d'histoire naturelle de Genève.

1814-1930. Compte rendu des séances.

1821-1930. Mémoires.

GENEVA. Société zoologique de Genève. 1922-30. Bulletin.

GENGLER, JOSEPH.

1911. Bilder aus dem Vogelleben. 12mo. pp. 160. text-figs. index. Leipzig.

1911. Die Eulen. 12mo. pp. 29. Stuttgart.

A booklet on owls, illustrated by eight plates, showing conclusively that their usefulness in keeping down small destructive rodents far exceeds the little mischief resulting from their occasional visits to the farmyard.

1920. Balkanvögel. 8vo. pp. 210. 6 pl. T. of c. index. Altenburg, S.-A.

A detailed account of the birds of the Balkans collected and observed during the military campaigns of 1916-18. 261 species and subspecies are described, with their local and systematic names.

1925. Die Vogelwelt Mittelfrankens. 8vo. pp. x+388. front. 1 pl. (map fold.). T. of c. index. München.

On the birds of middle Franconia in Bavaria, including sections on the *Archaeopteryx* whose remains were found in this province.

GENOA. Museo civico di storia naturale.

1870-1930. Annali. With Index 1-40.

GENTRY, THOMAS GEORGE [1843-1905].

1876-7. Life-histories of the birds of eastern Pennsylvania. 2 vols. 8vo. Vol. 1, pp. xiv+399. T. of c. 2 indexes. Vol. 2, pp. (8)+336. T. of c. 2 indexes. Philadelphia, 1876; Salem, 1877.

A popular account of the birds of Eastern Pennsylvania, chiefly valuable for its notes on the food-habits of the various species, based on analyses of stomach contents.

1878. The house sparrow at home and abroad. 8vo. pp. 128. front. (col.). T. of c. append. bibliogr. Philadelphia.

The first American work dealing entirely with the English Sparrow.

1880-2. Nests and eggs of birds of the United States. 4to. pp. 300. front. 54 pl. (col.). T. of c. Philadelphia.

Published in 25 parts. A popular but not very trustworthy account of the nesting habits of 50 species of North American birds.

[1882]. Nests and eggs of birds of the United States. 4to. pp. 10+300. front. 54 pl. (col.). T. of c. Philadelphia.

1897. Life and Immortality; or, Soul in Plants and Animals. illust. Philadelphia.

1900. Intelligence in plants and animals: being a new edition of the author's privately issued 'Soul and immortality' ['Life and Immortality', etc.]. 8vo. pp. (4)+489. front. 7 pl. 76 figs. T. of c. New York.

1900. Nests and Birds of the United States. 4to. 21 full-page col. pl. Phila.

An apparently almost unknown issue of Gentry's colored plates; published loose in portfolio, with descriptive labels.

GEOFFROY SAINT-HILAIRE, ÉTIENNE [1722-1844] and CUVIER, G. F.

1824-47. Histoire naturelle des mammifères, avec des figures originales, coloriées, dessinées d'après des animaux vivans; publiée sous l'autorité de l'administration du Muséum d'histoire naturelle. Vols. 1-4. 4to. 431 col. pl.

1828-9. Cours de l'Histoire naturelle des Mammifères, etc.; pouvant servir de complément de . . . Buffon. 11 pls. 8vo. Paris.

This admirable treatise forms one of the more or less independent 'Suites' to Buffon's monumental *Histoire Naturelles des Quadrupèdes*.

GEOFFROY SAINT-HILAIRE, ISODORE [1805-61].

1830. Principes de philosophie zoologique, discutés en Mars 1830 au sein de l'Académie royale des sciences. 8vo. pp. 2+226. Paris.

1831-46. See VOYAGE AUX INDES-ORIENTALES.

1832. Études Zoologiques; ouvrage comprenant l'histoire et la description d'un grand nombre d'Animaux récemment découverts, et des observations nouvelles sur plusieurs genres déjà connus. 2 fasc. (in 1 vol.). 8vo. 20 pl. col., with descriptive letterpress. Paris.

1832-6. See BORY DE SAINT-VINCENT.

1833. Considérations sur les caractères employés en ornithologie pour la distinction des genres, des familles et des ordres, et détermination de plusieurs genres nouveaux. 8vo. 46 folio. n.p. Original MS. by Geoffroy Saint-Hilaire.

An (?) unpublished and unique manuscript by this famous naturalist in the E.S.W. Library.

1835-44. See VOYAGE DANS L'INDE.

1840-64. See VOYAGES, FRENCH. VOYAGE AUTOUR DU MONDE . . . SUR LA VÉNUS, 1840-64.

1841. Essais de zoologie générale; ou Mémoires et notices sur la zoologie générale, l'anthropologie, et l'histoire de la science. 8vo. pp. 16+518. pl. (Buffon, G. L. L., *Collection des suites à Buffon*, 1834- , vol. 1.) Paris.

1842(?) -3. Description des collections de Victor Jacquemont. Mammifères et Oiseaux. Paris.

1848. Leçons de zoologie générale pour servir d'introduction à l'étude de l'ornithologie. See BLANC, A.

1851. Catalogue Méthodique de la collection des Mammifères . . . du Muséum . . . de Paris. 4to. (Wanting.) Paris.

→ **GEOGRAPHIC MAGAZINE.** See NATIONAL GEOGRAPHIC MAGAZINE, 1899-1930.

→ **GERARD DE LA BASSETIERE.** See BASSETIERE, G. DE LA.

GÉRARDIN DE MIRECOURT, SÉBASTIEN [1751-1816].

1806. Tableau élémentaire d'Ornithologie, etc. 2 vols. Text, 8vo. Atlas, folio. Paris.

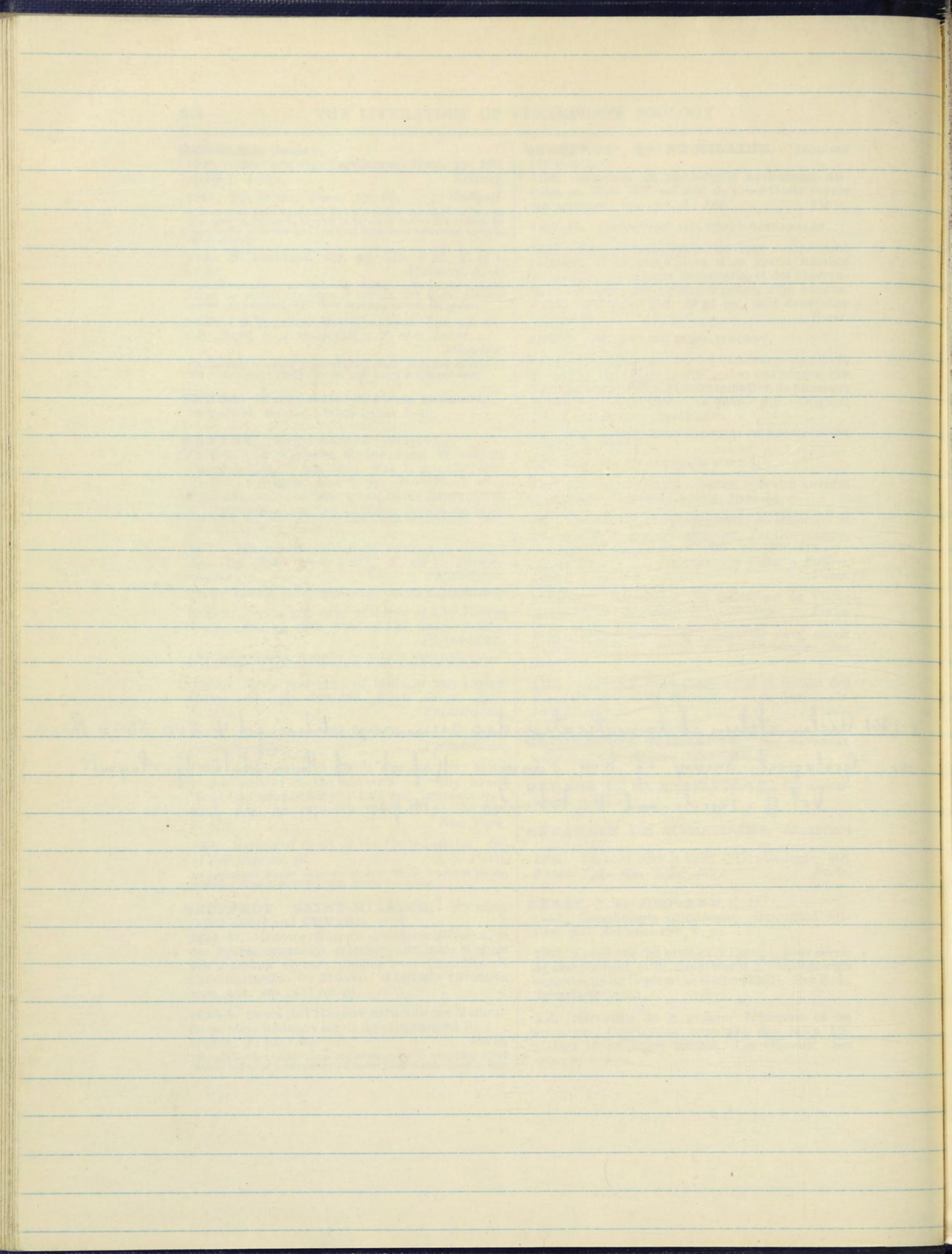
GERBE, Z. and DEGLAND, C. D.

1867. Ornithologie européenne. Deuxième édition, &c. See DEGLAND, C. D.

1912. Catalogue des oiseaux d'Europe, pour servir de complément et de supplément à l'ornithologie européenne de Degland et Gerbe (1867). Par E. L. Trouessart (q.v.).

n.d. Merveilles de la nature. L'homme et les animaux. Description populaire des races humaines et du règne animal. Les Oiseaux. See BREHM, A. E.

-1861. *Acclimatation et domestication des animaux utiles*. ed. 4. 800. 554p. Paris.
→ *Geological Survey of New Jersey. Report of the State Geologist*
Vol. II. Insects and Vertebrates. 1890.



GERFAUT, La Revue de la Société Ornithologique du Centre de la Belgique.

1909-14 and 1919-30. Quarterly. (There were no issues during the War.) 8vo. Published by F. Giele in Louvain (later Brussels). Generally four annual nos.

This periodical, representing much work, many struggles, and severe trials has survived the tribulations of the War and continues to publish scientific accounts of avian life and bird protection from Belgian standpoints. Although many of the collaborators and members of supporting societies were killed in action or died as the result of enemy insults the character of the contributions to the revived journal leads one to believe that it will soon again be on a firm scientific and financial footing.

GERGENS, FRANZ.

1839-51. Die Vögel Europa's, etc. See SUSEMIHL, JOHANN CONRAD, 1839.

GERINI, GIOVANNI.

1767-76. Storia Naturale degli Uccelli. 5 vols. (Wanting.) Florence.

GERLACHE DE GOMERY, ADRIEN VICTOR JOSEPH DE [1866-]

1907. Croisière océanographique, accomplie à bord de la Belgica dans la mer du Grönland, 1905. pp. 567. pl. *illustr. map.* Bruxelles.

n.d. Campagne arctique de 1907; extraits du journal de bord de la Belgica. pp. 4+39. [Bruxelles.]

GERMAIN, JEAN. See GERMANO, GIOVANNI.**GERMAIN, LOUIS.**

1925. La faune des lacs, des étangs et des marais. 12mo. pp. 315. 20 col. pl. 225 figs. in text. *index.* Paris.

A useful little treatise. To birds are assigned pp. 225-79.

GERMANO, GIOVANNI [fl. 1623-74].

1625. Breve e sustiale trattato . . . delli piu principali animali . . . con il corpo humano, etc. *Illustr.* with 12 copper plates of osteologic subjects, monkey, dog, cat, several birds, bat, man *et al.* sm. folio. pp. 12+58. See B.M. CAT., p. 229. Not in Brunet. Napoli.

The writer was a Provençal Minorite friar, author of several works on anatomy and surgery. The present volume is very rare and among the earliest works on comparative zoology.

GERMANY. Biologische Anstalt auf Helgoland.

1896-. Wissenschaftliche Meeresuntersuchungen, hrsg. von der Kommission zur wissenschaftlichen Untersuchung der deutschen Meere, in Kiel, und der . . . Anstalt . . . Neue Folge. Vol. I. pts. 1-2 in 1. folio. *illustr. pl.* Kiel.

GERMANY. Deutsche Südpolar-Expedition, 1901-3. 1905-date?

The reports of this exploring expedition in the 'Gauss' came to an abrupt termination with the World War but they will probably be (or are being) resumed. To the date of writing little has been published on vertebrate zoology. However, vol. XV, Heft 2 (1914), is largely devoted to Deep Sea Fishes by P. Pappenheim; Surface and Coastal Fishes by M. Lampe.

GERSTAECKER, CARL EDUARD ADOLPH [1828-95]. See CARUS and GERSTAECKER [1863]-75.**GERVAIS, FRANÇOIS LOUIS PAUL [1816-79].**

1833-9. See VOYAGES, FRENCH. VOYAGE AUTOUR DU MONDE SUR 'LA FAVORITE', 1833-9.

1835-44. See WEBB and BERTHELOT, 1835-44.

1835-47. See VOYAGE DANS L'AMÉRIQUE MÉRIDIONALE, 1835-47.

1839-61. See SAGRA, RAMON DE LA.

1840-66. See VOYAGES, FRENCH. VOYAGE AUTOUR DU MONDE . . . SUR 'LA BONITE'.

1850-9. See CASTELNAU, F. L.

1854-5. Histoire naturelle des mammifères. 2 vols. 8vo. col. pl. Paris.

On the half title: 'Les Trois règnes de la nature. Règne animal.'

**** and VAN BENEDEEN, P. J.

1859. Zoologie médicale. 2 vols. pp. 976. 197 figs. Paris.

1871. Eléments de zoologie, comprenant l'anatomie, la physiologie, la classification et l'histoire naturelle des animaux. 2nd ed. 8vo. pp. 12+596. *illustr. pl.* Paris.

**** and BOULART, R.

1876. Les Poissons. Tome 1: Poissons d'eau douce. 60 col. pl. 39 fig. Paris.

1885-91. See MISSION SCIENTIFIQUE DU CAP HORN.

GERVAIS, PAUL. See GERVAIS, FRANÇOIS LOUIS PAUL.

GESAMTKATALOG D. WIEGENDRUCKE.

[1925-30.]

This monumental annotated catalogue of all known incunabula is still in process of publication.

GESCHAEFTS-BERICHTE D. GESELLSCHAFT DEUTSCHER NATURFORSCHER UND AERZTE. 1893-date? See GESELLSCHAFT DEUTSCHER, etc.**GESELLSCHAFT ZUR BEFÖRDERUNG DER GESAMMTEN NATURWISSENSCHAFTEN. Marburg.**

1823-date. Schriften.

1866-date. Sitzungberichte.

GESELLSCHAFT DEUTSCHER NATURFORSCHER UND AERZTE. Leipzig.

1924-date. Mitteilungen.

1822-date. Verhandlungen.

GESELLSCHAFT ZUR FÖRDERUNG DER NATURHISTORISCHEN ERFORSCHUNG DES ORIENTS IN WIEN.

1895-1904. Jahresbericht.

GESELLSCHAFT NATURFORSCHENDER FREUNDE, BERLIN.

1775-9. Beschäftigungen (all pub.).

1780-94. Schriften (all pub.).

1794-1803. Neue Schriften (all pub.).

1807-18. Magazin f. d. Neusten Entdeckungen, etc. (all pub.).

1819-29. Verhandlungen (all pub.).

1836-8. Mitteilungen a. d. Verhandlungen 1-3 (all pub.).

1839-1930. Sitzungsberichte.

GESELLSCHAFT DER FREUNDE DER NATURWISSENSCHAFTEN. 1847-51.

Wien.

GESELLSCHAFT VON FREUNDEN DER NATURWISSENSCHAFTEN IN GERA.

Reuss.

1858-date. Jahresbericht.

GESELLSCHAFT DER NATURFORSCHENDEN FREUNDE.

Düsseldorf.

1798-1805. Neue Schriften.

GESELLSCHAFT FÜR NATUR- UND HEILKUNDE. 1848-1920.

Dresden.

GESELLSCHAFT DER WISSENSCHAFTEN ZU GÖTTINGEN.

1838-95. Abhandlungen.

1751-4. Commentarii.

1758-68? Commentationes.

1808-37. Commentationes—recentiores.

1845-93. Nachrichten.

1894-date. Nachrichten. Geschäftliche Mitteilungen.

1769-77. Novi Commentarii.

GESNER (GESSNER), CONRAD [1516-65].

This Father of Bibliography was, says Osler, 'not only the best naturalist among the scholars of his day, but of all men of that century he was the pattern man of letters. He was barely 25 when he began to collect the materials for his *Bibliotheca*, and in three years he had finished an enormous volume, published in 1545. The usefulness of the work—which included titles in zoology—was at once recognized; parts of it were reprinted. An *Elenchus* was issued in 1551 and an *Epitome*, with a preface by Gesner, appeared in 1555'. Between them the Blacker and Osler libraries possess the most important editions of the natural history publications by this voluminous writer.

1545. *Lexicon Graeco-Latinum. folio. Basileae.*1545. *Bibliotheca Universalis sive Catalogus, etc. folio. (Bib. Osler., No. 623.) Zürich.*1548. *Pandectarum sive Partitionum Universalium, etc. folio. (Bib. Osler., 624.) Zürich.*1551. *Elenchus scriptorum omnium, etc. 4to. (Bib. Osler., 627.) Basil.*1551-8. *Historiae Animalium. 4 vols. in 3. folio. Zürich.*

Two copies in hand, that in the Osler Library is complete; the other lacks the posthumous Liber V, *de serpentum natura*.

1553. *Icones animalium quad. viviparum et oviparum quae, in historia avium Conradi Gesneri describuntur, etc. folio. Zürich.*

An early printing of this atlas.

1555. *Icones Avium omnium quae in historia avium Conradi Gesneri describuntur, etc. Title (in part) Italian, French, and German. 2 vols. in 1. vignette Frostover. pp. 126. index. Tiguri.*1555. *Appendix Bibliothecae Conradi Gesneri. folio. (Bib. Osler., No. 625.)*1555. *Epitome Bibliothecae Conradi Gesneri. (Bib. Osler., No. 628.) Zürich.*1557. *Vogelbuch, darin die Art / Natur und Eigenschaft aller Vöglen / sampt irer Waren Contrafactur / angezeigt wirdt . . . Erstlich durch Doctor Conradt Gessner in Latin beschriben: neüwlich*

aber durch Rudolff Heüsslin mit fleys in das Teütsch gebracht / und in ein kurze Ordnung gestellt. *folio. pp. 12+263. illust. Zürich.*

First German edition of *De avium natura*, originally published in 1555 as book 3 of the author's *Historia animalium*.

1560. *Icones animalium quadrupedum viviparorum quae in historiae animalium Conradi Gesneri libri primo et secundo describuntur. Editio secunda novis eiconibus non paucis et passim nomenclaturis ac descriptionibus auctior. folio. pp. 128. 4 ll. with many woodcuts. Froshoverus. Tiguri.*

The 'Icones' are a short extract from the *Historia animalium*, containing also the woodcuts of this work with a short text. They are very much more rare than the complete edition.

1560. *Nomenclator aquatilium animantium. Icones animalium aquatilium in mari & dulcibus aquis degentium.*

This volume on Fishes belonged to the Cornish naturalist Jonathan Couch of Polperro, 1819. At the end are MS. notes and 16 pen-and-ink drawings by him. Osler Library.

1560. *Icones Avium omnium, etc. Editio secunda. folio. (Bib. Osler., 637.) Tiguri.*1574. *Bibliotheca instituta et collecta primum a Conrado Gesnero . . . per Josiam Simlerum. folio. (Bib. Osler., 629.) Zürich.*1598. *Fischbuch das ist aussführliche Beschreibung . . . aller und jeden Fischen. von Conrad Forer ins Teutsch gebracht. folio. pp. 6+202. illust. Franckfurt am Meyn.*1600-18. *Thierbuch, das ist ausführliche . . . Abmahlung aller Vierfüssigen, etc. folio. Contents are Gesner's natural history works in German, as follows: Thierbuch, Heidelberg, 1606; Vogelbuch, Frankfurt a/M., 1609; Fischbuch, 1618; Schlangenbuch, Heidelberg, 1613. Heidelberg.*1600. *Vogelbuch; oder, Aussführliche Beschreibung . . . aller und jeder Vögel . . . durch Rudolff Heusslein in hoch Teutsch versetzt jetzt . . . castigirt und verbessert. pp. [16]+556. illust. Frankfurt am Mayn.*1606. *Thierbuch das ist aussführliche Beschreibung . . . aller vierfüssigen Thieren . . . von Conrad Forer ins Teutsch gebracht. folio. pp. 4+172. illust. In Blacker. Heidelberg.*1613. *De serpentibus; oder, Schlangenbuch das ist ein grundtliche und volkome Beschreibung aller Schlangen . . . durch Jacobum Carronum gemehrt . . . am jetzo . . . verteutsch. folio. pp. 3+72. illust. Heydelberg.*1617-21. *Historiae animalium. Editio secunda . . . auctior atque . . . emendatior. Francofurti. 5 vols. in 3. folio. illust. Frankfurt.*

CONTENTS. Vol. 1. De quadrupedibus viviparis. 2. De quadrupedibus oviparis. 3. De Avium natura. 4. De piscium & aquatilium animantium natura. 5. De serpentium natura. Contains autograph of Horrebon.

There are in the present volumes over 2,000 woodcuts and the index is in seven languages. Perhaps this edition is the most useful for the student.

1832. *Aeliani de natura animalium libri XVII, &c. See AELIANUS, C.*1929. *See LEY, WILLY.*



CONRADUS  GESSNERUS
TIGURINUS MEDICUS etc:

Rerum Naturalium Indagator assiduus

Ætatis Luce XIVIII Anno Salutis MDLXIV

Nonis Martiis.

0929

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S. 4. -

→ Geyer, 1909. Unsere Land- u. Subwasser-Mollusken. 18 pl. Stuttgart.

→ Gibson, F. 1904. Superstitions about animals. c. 800.

Gibson, Harner R. ¹⁹³⁴ "Two thousand years of Science". 508 p.
2nd Edⁿ rev. ed. 1934.

Gibson, C. R. ¹⁹²⁶ "Heroes of the Scientific World". 343 p. ~~1926~~ ↗

·x· Gibbs, W. E. 1930. See Sædla, H. E. A.

GESNER, JOHANN [1709-90].

1752. Autograph letter signed (in Latin) to his brother-naturalist Fredericus Gronovius concerning fossils sent him by the writer.

Johannes Gesner, a famous physician, was descended from Conrad Gesner's family and studied under Boerhaave. He was also a life-long friend of Haller.

GESSNER. See GESNER.

GESTRIN, JOHANNES NATH. See THUNBERG, C. P., 1822-3.

GEYR VON SCHWEPPENBURG, HANS and LE ROI, O.

1912. Beiträge zur Ornithologie der Rheinprovinz. See LE ROI, O.

GHIGI, ALESSANDRO.

1907. Ricerche sulla morfologia della piuma. folio. pp. 42. pl. Bologna.

A tractate on the minute anatomy of the feather.

GHIKA, NICOLAS D., Prince.

1898. Cinq mois au pays des Somalis; suivi de la faune Somalie. 8vo. pp. 6+224. portr. pl. map. Geneva.

Among other observations the author made the acquaintance of the Honey Guide which he had always regarded as a myth. He followed its guidance and secured honey for his camp.

GHULAM MUHYI'D-DIN B. MUHAMMAD ABDAL BAHARLU OF LAHORE.

1838. Fa'idu'l-faras. Treatise on the horse and his diseases. sm. 4to. ff. 123. Persian MS.

The original MS. was written in A.D. 1833. There are no *jadwals* in the present copy but the calligraphy, paper, and condition of the MS. are good. The scribe (copyist) was S. Muhammad Ali.

GIACOMELLI, H. 1878. See ADAMS, W. H. D.

GIARD, ALFRED [1846-?1917].

1911-13. Œuvres diverses. 2 vols. Paris.

GIBBS, G. See UNITED STATES. PACIFIC RD. SURVEY, 1855-9.

GIBSON, WILLIAM HAMILTON [1850-96].

1876. The complete American trapper, or the tricks of trapping and trap making; an extended chapter on life in the woods. 12mo. pp. 300. front. 9 pl. 133 figs. T. of c. index. New York.

1892. Sharp eyes: a Rambler's calendar of 52 weeks among insects, birds, and flowers. 8vo. pp. xx+322. front. 220 figs. T. of c. index. New York.

A reprint of this popular calendar was issued in 1897 as a second edition.

1897. Eye spy; afield with nature. 8vo. pp. xvi+264. 119 figs. T. of c. index. New York.

1898. My studio neighbours. 8vo. pp. x+245. front. 95 figs. T. of c. index. New York.

1901. Catalogue of the Bewick collection (Pease Bequest), by Basil Anderton and W. H. Gibson. 8vo. pp. 4+110. illust. portr. pl. Newcastle-upon-Tyne.

GIEBEL, CHRISTOPH GOTTFRIED ANDREAS [1820-81].

1859. Die Säugethiere in zoologischer, anatomi-

schers und paläontologischer Beziehung. 8vo. pp. 16+I, 108.

Second edition of a well-known and useful work, the first having appeared in 1859.

1866. Petrefacta Germaniae. Repertorium zu Goldfuss' Petrefakten Deutschlands. 4to. pp. 4+122. See GOLDFUSS, G. A. Leipzig.

1872. Vogelschutzbuch; die nützlichen Vögel unserer Aecker, Wiesen, Gärten und Wälder. 3te. Aufl. 12mo. pp. 4+162. 88 text-figs. T. of c. Berlin.

The third edition of a treatise on useful (German) birds, their care and protection.

1872-7. Thesaurus ornithologiae. Repertorium der gesammten ornithologischen Literatur und Nomenclator sämtlicher Gattungen und Arten der Vögel nebst Synonymen und geographischer Verbeitung. 3 vols. 8vo. Leipzig.

This work was issued in eight parts, divided into two sections. Part of the first volume is an ornithological bibliography devoted to titles to the date of issue; the second to a so-called *Nomenclator Ornithologicum*, or bibliography filling most of the three volumes. It is a pity that so much work should have resulted in a mixed list that is of slight value to students.

1874. Säugethiere: Bronn's Klassen u. Ordnungen des Thierreichs. Berlin.

One of the foremost contributions to a famous, monumental treatise on zoology.

GIESEN, JOHN [1891-] and **MALUMPHY, T. L.**

1929. Backgrounds of biology. 8vo. pp. 10+278. illust. Milwaukee.

GIESSEN. Oberhessische Gesellschaft für Natur- und Heilkunde.

1849-1905. Bericht.

1910. Register zu den Bänden 1-34. Giessen.

GIFFORD, ED. W.

1913. Birds of Galapagos Islands; also of Cocos and Clipperton Islands. pp. 138. pl. Author's separate. (*Proceedings California Academy of Sciences.*)

1919. Field Notes on the Land Birds of the Galapagos Islands and of Cocos Island, Costa Rica. Author's reprint. [*Proceedings (Expedition, 1905) of the Cal. Acad. of Sciences.*]

GIFFORD, HAROLD [1858-1929].

1928. Wanderings in Africa during 1928. 4to. mimeograph.

This presentation copy to the Compiler recites the interesting observations of an accomplished naturalist during a winter's expedition from the Cape to Cairo.

GIGLIOLI, ENRICO HILLYER [1845-?1916].

1870. Note intorno alla distribuzione della Fauna Vertebrata nell'oceano prese durante un viaggio intorno al Globo 1865-68 (in the 'Magenta'). 8vo. pp. 96. 1 col. map. (Wanting.) Firenze.

This monograph treats chiefly of the zoogeography of vertebrates, and is of importance because it deals with oceanic forms.

1873. Ricerche intorno alla distribuzione geografica generale; o, Corologia degli animali vertebrati. 8vo. pp. 200. map. Roma.

A companion volume to his treatise dated 1870.

1877. See FLORENCE. REALE ISTITUTO.

[GIGLIOLI, E. H. (contd.)]

1879-93 (94). Iconografia dell' avifauna Italica ovvero tavole illustranti le specie di uccelli che trovansi in Italia. Fasc. 1-51. 5 vols. folio. Vol. I, pp. (16)+(90). 46 pl. (col.). Vol. II, pp. (110). 55 pl. (col.). Vol. III, pp. (100). 50 pl. (col.). Vol. IV, pp. (100)+49 pl. (col.). Vol. V, pp. (100). 55 pl. (col.). Prato.

A superbly illustrated and scientific treatise on Italian birds and very rare in its complete state.

[1880]. Elenco dei Mammiferi, degli Uccelli e dei Rettili ittiofagi . . . appartenenti alla Fauna Italiana, e catalogo degli Anfibi e dei Pesci Italiani. 8vo. (Wanting.) (Florence.)

This is a rather complete (and rare) roster of Italian vertebrates desirable for purposes of reference.

1889-91. Risultati della inchiesta ornitologica. 3 vols. 8vo. map. Firenze.

CONTENTS. Vol. 1. Avifauna italiana. 2. Avifauna locali. 3. Notizie d' indole generale, migrazioni, nidificazione, alimentazione, etc.

Presentation copy from the author with his autograph.

1907. Secondo resoconto dei risultati della inchiesta ornitologica in Italia. Avifauna Italica. 4to. pp. xxiv+784. T. of c. index. [Ministero di Agricoltura, Industria e Commercio.] Firenze.

The text of this, the second edition of Part I of the *Primo resoconto*, is mostly lists of vulgar names of birds as known to the natives in various localities of Italy, with the distribution of each. The first edition was published in 1889. The copy in hand is from the Cabanis-Reichenow collection.

GILBERT, CHARLES HENRY [1859-]

1898-9. See UNITED STATES. FISHERY REPORTS.

**** and HUBBS, C. L.

1920. The macrouroid fishes of the Philippine Islands and the East Indies. 8vo. pp. 222. illust. (Smithsonian Institution. U.S. Nat. Mus. Bulletin 100.) Washington.

n.d. See DEARBORN, NED.

GILBERT, HUMPHREY ADAM and BROOK, ARTHUR.

1925. The Secrets of the Golden Eagle and of Other Rare Birds. 8vo. pp. 196. 36 (well-executed) photogravures. T. of c. London.

The authors built a 'hide' 25 feet from an eyrie so that Brook's camera and Gilbert's notes furnish an admirable record of the Golden Eagle.

→ GILCHRIST, JOHN DOW FISHER [1866-] and BONDE, C. VON.

1922. Practical zoology for medical & junior students. 8vo. pp. xi+329. 105 figs. T. of c. index. Edinburgh.

GILES, WILLIAM.

1924-6. The original colour print magazine. 3 pts. in 1 vol. folio. (bird portr.) Pt. I, pp. 1-40. 7 pl. (4 col.). 18 figs. T. of c. Pt. II, pp. 41-89. 5 pl. (3 col.). 26 figs. T. of c. Pt. III, pp. 91-144. 6 pl. (4 col.). 31 figs. T. of c. index.

An interesting experiment in color printing, in which birds and their plumage tints are successfully employed.

GILL, THEODORE NICHOLAS [1837-1914].

1861. Catalogue of the fishes of the eastern coast of North America, from Greenland to Georgia.

Philadelphia.

An important author's reprint from the *Trans. Academy Nat. Sciences*.

1873. Bibliography of East Coast fishes. (Smithson. Inst. Misc. Coll., vol. 14, pp. 37-44.)

Washington.

Author's catalogue alphabetically arranged, followed by a *Bibliography of Pacific Coast Fishes*.

1874. A history of North American birds. See BAIRD, S. F., BREWER, T. M., and RIDGWAY, R.

1875. See BAIRD, SPENCER FULLERTON.

**** and COUES, ELLIOTT.

1877. Material for a bibliography of North American Mammals. (U.S. Geolog. Survey of the Territories, vol. XI, append. B, pp. 951-1081.)

Washington.

This valuable treatise is arranged chronologically under appropriate titles and has entries to the end of 1874.

1882. Bibliography of the fishes of the Pacific Coast of the United States to the end of 1879. (Smithson. Inst. Misc. Coll., vol. 23, and as Bull. 11 U.S. Nat. Mus.)

A thorough, chronologically arranged list, often bound with the author's *Bibliography of East Coast Fishes*, 1873, to contribute an important record of American ichthyologic literature.

1885. See KINGSLEY, J. S., ed., 1885.

1903. See GOODE, G. BROWN (1903).

→ GILLIES, WILLIAM and HALL, ROBERT.

n.d. Nature studies in Australia. 12mo. pp. xvi+308. front. (col.). 105 figs. T. of c. index.

Melbourne.

A revised edition of the original issue of 1903.

GILLISS, JAMES MELVIN [1811-65].

1855. U.S. Naval Astronomical Expedition to the Southern Hemisphere. 3 vols. I-III (all pub.). num. pl. (some col.). Washington.

GILLIUS, PETRUS.

1533. Ex Aeliani historia per Petrum Gyllium latini facti, itemque ex Porphyrio, Heliodoro, Oppiano, tum eodem Gyllio luculentis accessionibus aucti libri XVI. De ui et natura animalium. 4to. 14 ll.+598 pp.+5 ll. Bound in a very fine, stamped leather binding dated 1539. Lugduni.

This rare book contains the first description of the elephant from nature. Cf. Carus, pp. 267 and 343. The work was an important source of information for Wotton.

1562. Elephanti nova descriptio, authore Petro Gillio Albiense. 12mo. pp. 497-654. See AELIANUS, 1562.

An account of the elephant, his ocular and dental apparatus, his feet and other anatomical details, to which are added remarks on some other large mammals.

GILLMORE, PARKER.

[1869]. Reptiles and birds. See FIGUIER, G. L.

1872. See BIART, L.

1874. Prairie and Forest. pl. N.Y.

1905. Encounters with wild beasts; illust. 12mo. pp. 8+305. London.

GILMORE, ALBERT FIELD [1868-]

1919. Birds of field, forest and park. 8vo. pp. xii+318. front. (col.). 39 pl. (7 col.). T. of c. index. Boston.

A popular account of 150 common birds of eastern North America.

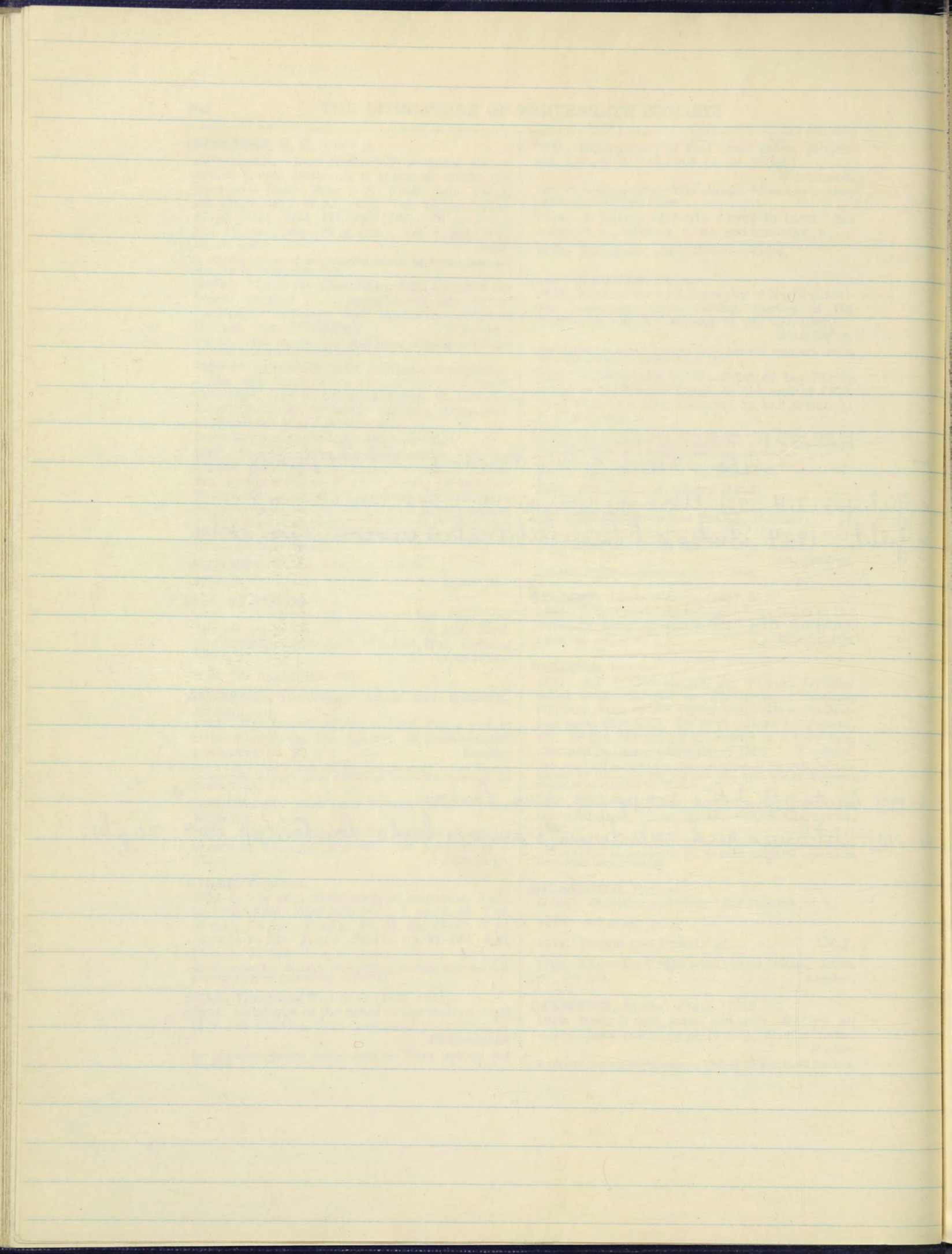
1933. A Book of King Penguins. Edinburgh. (T.H. Gillespie)

- Gillespie, T.H. 1931. More zoo ways. 8vo. p. 212, illus.

- Gillet, 1924. Etudes s. l. Lamellibranches néoconiens, 8 pls.

- 1931. Aspects of Bird Life. 8vo. pp. 203, illus., London.

- 1931. Watchings and wanderings among birds. London. pp. 207, 30 pls.



GILMORE, CHARLES WHITNEY [1874-].

1914. Osteology of the armored *Dinosauria* in the United States National museum. *8vo.* pp. xi+143. 37 pl. (United States National Museum. Bulletin 89.) Washington.

GINANNI, GIUSEPPE [1692-1753].

1737. Delle uova e dei nidi degli uccelli, libro primo. *4to.* pp. [7]+130. 22 copper plates. front. index. Venezia.

A systematic monograph on selected birds' nests and eggs.

GIORGI, FEDERICO.

1558. Libro di Federico Giorgi, del modo di conoscere i buoni Falconi, Astori, e Sparavieri. *16mo.* pp. 106 (53 ll. num.)+(6). vignette. 1 pl. 6 figs. (head-pieces). T. of c. Vinegia.

One of the best known Italian works on Falconry, and one to which the English Turberville was so much indebted in the preparation of his *Booke of Falconrie*, 1611. The present copy is the second edition, the first having appeared in 1547, with a slight variation in the title. Other editions appeared in 1567, 1573, 1595, 1607, and 1645 (q.v.). The present copy contains MS. notes in ink on the last page. All the printings are rare; apparently none in the *Br. Mus. Cat. (Nat. Hist.)*.

1645. Libro di Federico Giorgio, del modo di conoscere i buoni falconi, astori, e sparavieri. *12mo.* pp. 136+4. illust. index. Milano.

A very interesting little work on falconry, with woodcuts in the text. Probably the sixth edition.

GIORNALE DI ANATOMIA, FISILOGIA, E PATOLOGIA DEGLI ANIMALI. 1869-91.

Pisa.

GIORNALE DI SCIENZE NATURALI ED ECONOMICHE. 1865-date.

Palermo.

GIORNALE DI SCIENZE NATURALI PER LE PROVINCE VENETE. 1867-date?

Treviso.

GIOVIO, PAOLO (*Bishop of Nocera*) [1483-1552].

1524. Pavli Iovii novocomensis Med. de Romanis Piscibus Libellus, etc. *folio.*

The rare first edition of a very early treatise on Roman ichthyology. Not in the *Cat. Br. Mus. (Nat. Hist.)*.

1560. Libro de pesci romani, tradotto in volgare da Carlo Zancaruolo. *4to.* pp. 198. Venetia.

This is the first Italian edition of an important work on fishes.

GIRALDUS DE BARRI.

?1587. The topography of Ireland; its miracles and wonders. By Silvester Giraldus Cambrensis.

A rarissima in zoological literature, appearing separately or as part of *Holinshed's Chronicles*, A.D. 1587.

GIRARD, CHARLES FRÉDÉRIC [1822-95]. See UNITED STATES. VOYAGE. WILKES EXPEDITION, 1845-76.

1852. Bibliographia Americana historico-naturalis . . . for 1851. *8vo.* pp. 4+66. (Wanting.) Washington.

This restricted but valuable work of reference by a well-known French-American writer—one of our chief authorities on herpetology and ichthyology—has become a very rare literary item.

1852. See BAIRD, S. F. and GIRARD, C. F., 1852.

1853. See UNITED STATES, 1853.

1855-9. See UNITED STATES. PACIFIC RD. SURVEY.

GIRAUD, JACOB P. [1811-70].

1841. A description of 16 new Species of North American Birds, etc. *folio.* (Wanting.) N.Y.

1844. The birds of Long Island. *8vo.* pp. xxi+397. 1 pl. index. New York.

GIRAUD, PIERRE.

1908. Facteurs dont dependent la masse, la forme et la composition chimique quantitative de l'encéphale chez les oiseaux. *8vo.* pp. (4)+68+(1). 1 pl. (diagr.). 11 tab. Epinal.

Ratio of the weight of the brain in birds to that of the body (Paris University Thesis).

GIRDWOOD, GEORGE.

?1905. Wild birds at home. Sixty photographs from life, by Charles Kirk, of British birds and their nests. [Series 1.] *32mo.* pp. 76. 60 pl. New York.

(?1906.) n.d. Wild birds at home. Second Series. Sixty photographs from life, by Charles Kirk, of British birds and their nests. *32mo.* pp. 76. 60 pl. New York.

This forms volume No. 5 of Dodge's (Gowan's) Nature Books and is a companion volume to No. 1 of the same series (q.v.) with further illustrations of wild birds, and notes on the same by George Girdwood.

1907. Wild birds at home, photographed from life by Charles Kirk. *32mo.* pp. 76. 60 pl. London.

1911. Wild birds at home. Sixty photographs from life, by Charles Kirk, of British birds and their nests. *32mo.* pp. 76. 60 pl. London.

The second edition forming volume 19 of 'Gowan's Nature Books'

1911. Wild birds at home. Fifth series. Sixty photographs from life, by Arthur Brook, of British birds and their nests. *32mo.* pp. 72+(3). 60 pl. 2 indexes. London.

1921. Wild birds at home. Sixty photographs from life, by Charles Kirk, of British birds and their nests. *32mo.* pp. 76+(2). 60 pl. 2 indexes. London.

This edition differs from the original of 1905, in having an index to the birds represented in series No. 1, otherwise the text and illustrations are the same.

GIRTANNER, A.

1868. Beobachtungen über Fortpflanzung und Entwicklung des Alpen-Mauerläufers (*Tichodroma phoeniceptera*). *8vo.* pp. 52. 1 pl. (col.). St. Gallen.

Describes the rarely seen nest and nestling of the Wall-Creeper of the Alps.

1870. Die Ausstellung lebender Schweizerischer Vögel. *8vo.* pp. (2)+54. 1 diagr. (fold.) St. Gallen.

1870. Beitrag zur Naturgeschichte des Bartgeiers der Centralalpenkette (*Gypaetos alpinus*. Alpen-Bartgeier). *8vo.* pp. 100. St. Gallen.

Natural history of the great and rare Alpine Bearded Vulture, based upon museum and historical records, specimens in captivity, and correspondence.

GISTEL, JOHANNES VON NEPOMUK FRANZ XAVER [1809-?73].

1850. Handbuch der Naturgeschichte aller drei Reiche, für Lehrer und Lernende, für Schule und Haus. *8vo.* pp. 2+1,037. illust. pl. Stuttgart.

The library copy was hand-colored by Anton Reichenow, and is from his collection. The birds are treated on pp. 275-317, colored plates 7-14. The author is also known as *Gistel-Tilesius*.

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GIZEH, EGYPT. Zoological Gardens.

1891-date. Publications.

1899-1911. Report.

GLADSTONE, HUGH STEUART [1877-].1910. The birds of Dumfriesshire. *8vo. pp. xcix + 482. front. 23 pl. 1 map (col. fold.). T. of c. bibliogr. index.* London.

218 Solway species are included in this list; 39 doubtful.

→ 1917. Handbook to Lord Lilford's coloured figures of the birds of the British Islands. *8vo. pp. 69.* London.This useful work should be regarded as a supplement to Lilford's *Coloured Figures*, the present copy being uniformly bound and shelved with that fine series of atlases.1918. The photographic analysis of a feather. *4to. pp. 13. 9 pl. (28 figs.). John S. G. London.*The author has expanded the paper *A note on the structure of the Feather* (April 1918, *Ibis*) and republished it with six additional photographs. He finds that the morphology of a feather is the same whether it belongs to a Golden Eagle or a Sparrow.1919. Birds and the war. *12mo. pp. xviii + 169. front. 16 pl. T. of c.* London.

The War seems to have had little or no effect upon migration; air raids terrified some birds but not others; in some engagements 1,000 homing pigeons were used by the British to carry messages.

1919. See JARDINE, WILLIAM.

1923. Notes on the Birds of Dumfriesshire. A continuation of his *Birds of Dumfriesshire*. *8vo. pp. 115. 4 illust. index.* No. 23 of 250 copies initialed (and presented to the E.S.W. Library) by the Author. *Dumfries.*

The book is based on a Presidential Address given in 1921, to which much new matter on the subject has since been added.

→ **GLANVILLE, BARTHOLOMEW DE.** See BARTHOLOMAEUS ANGLICUS.**GLASGOW.** See NATURAL HISTORY SOCIETY OF GLASGOW.**GLASGOW NATURALIST.** 1909-21. *Glasgow.***GLASGOW. Society of field naturalists.**1876. A contribution towards a complete list of the fauna and flora of Clydesdale and the west of Scotland. *pp. 148.* (British association for the advancement of science. Notes on the fauna and flora of the west of Scotland, 1876.) *Glasgow.***GLEANINGS FROM NATURE.** By J. Warren Jacobs, Waynesburg, Pa. 1898. *8vo.* No. 1, 1898, Oological abnormalities. *pp. 36;* No. 2, 1903; No. 3, 1904; No. 4, 1905; No. 5 (1909). (All issued.)**GLEANINGS IN SCIENCE.** *Calcutta.* 1829-31. Forerunner of *Journal of Asiatic Society of Bengal.***GLEGG, WILLIAM E.**1929. A history of the birds of Essex. *8vo. pp. xxv + 342. front. 19 pl. map. T. of c. bibliogr. index.* London.

A valuable addition to the data given on the same subject by Miller Christy.

GLOGER, CONSTANTIN W. LAMBERT.1833. Das Abändern der Vögel durch Einfluss des Klima's. *8vo. pp. 32 + 159.* Breslau.

One of the best (early) studies of the influence of climate on bird life.

1833. Schlesiens Wirbelthier-Fauna. Ein systematischer Ueberblick der in dieser Provinz vorkommenden Säugthiere, Vögel, Amphibien und Fische. *8vo. pp. 74 + 78.* Breslau.

An important, systematic work of reference.

1834. Vollständiges Handbuch der Naturgeschichte der Vögel Europa's mit besonderer Rücksicht auf Deutschland. *8vo. pp. lvi + 600. index.* Pt. 1. Deutsche Landvögel. (All pub.) *Breslau.*This classic work of reference (see Newton's *Dictionary*, p. 57) was issued in six parts, and was never completed, the above section treating of Land Birds only. A few new names appear in its pages.**GMELIN, CARL CHRISTIAN** [1762-1837].1809. Gemeinnützige systematische Naturgeschichte der Vögel. *2 Thl. 87 col. pl.* Mannheim.**GMELIN, JOHANN FRIEDRICH** [1748-1804].1788-93. C. a Linné . . . Systema Naturae . . . editio decima tertia . . . Cura J. F. Gmelin. *3 vols. 8vo.* See also LINNAEUS.This is a short title of the indispensable thirteenth edition of the famous *Systema Naturae*, Linnaeus, another printing of which was issued in 1789-96.**GMELIN, SAMUEL GOTTLIEB** [1743-4].1774-84. Reise durch Russland zur Untersuchung der drey Reiche. *4 pls. 4to.* St. Petersburg.

Part IV was edited, with a sketch of the author's life, by P. S. Pallas.

GÖBEL, G. F.

1905. (The) eggs of Russian geese. See ALPHÉRAKY, SERGIUS. The geese of Europe and Asia, &c. Appendix I.

GODARD, ANDRÉ.1916. Les réfections françaises. Les jardins-volières; criminelle destruction, repeuplement possible, irremplaçables services des oiseaux. *12mo. pp. xxii + 381. T. of c.* Paris.

Discusses the destruction and rehabilitation of useful birds in France, their future protection, and the technique of their culture.

1917. (Les) oiseaux nécessaires à l'agriculture, à la sylviculture, à la viticulture, à l'arboriculture et à l'hygiène publique. 2^e éd. *12mo. pp. 119. 18 text-figs. T. of c.* Paris.**GODDARD, T. RUSSELL.**[1929]. History of the Natural history society of Northumberland, Durham and Newcastle upon Tyne, 1829-1929. *8vo. pp. xvi + 195. front. (portr.). 11 pl. T. of c. append.* Newcastle-upon-Tyne.**GODDIJN, W. A.** See LOTSY, J. P., 1928.**GODMAN, FREDERICK DU CANE** [1834-1919].1870. Natural history of the Azores, or Western Islands. *8vo. pp. v + 358. T. of c. index.* London.**** and **SALVIN, O.**1879-1915. Biologia Centrali-Americana; or, contributions to the knowledge of the Fauna and Flora of Mexico and Central America. *57 vols. 4to. col. pl.* London.

A monumental treatise in which the zoology is well described and sumptuously pictured in color. It was issued in 240 parts and divided into two sections. In the zoology section E. R. Alston contributed the article on mammalia, 1879-82, with addenda by P. L. Selater and O. Thomas, pp. 20+220, 22 col. pl.; the aves (1879-1904) were treated in vols. I-III text and vol. IV, 84 col. pl., by the authors, assisted by R. Bowdler Sharpe and W. R. Ogilvie-Grant; reptiles and batrachia by A. Günther (1885-1902), pp. 20+326, 76 col. pl.; pisces (1906-8) by C. T. Regan, pp. 32+203, 26 pl. and 2 maps. See also SALVIN, OSBERT.

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1911. Addenda and corrigenda to "Birds of Dumfriesshire." 800. 31 pp.
Dumfriess.

[1918. written by John Stewart Gladstone (cousin of Hugh S.) [1862-1920]. His sole
contribution to ornithology.

Gladstone, John Stewart [1862-1920]. See note under ¹⁹¹⁸ Gladstone H. S. supra

1900-06. Die Vogelwelt d. Amazonenstromes. 4to. 48 col. pls.

Golden Legend. Wyntkyn de Worde ^(original) fragments from Golden Legend, 1512 & 1527.
editions; also two Lyons excerpts ca. 1480 in facsimile. Sent to Osler Library.

1882. Lichtenstein's *Catalogus Rerum Naturalium rarissimarum*. Edited by F. D. Godman. 8vo. This is a republication by the Willughby Society of one of the scarcest of the famous Lichtenstein catalogues.

[1882-6]. VI. Notes on birds from British Guiana. See also SALVIN, O. and GODMAN, F. D.

The Library has also a second copy with corrections by P. L. Selater.

1907-10. A monograph of the petrels (order *Tubinares*); with hand-coloured plates by J. G. Keulemans. 2 vols. 4to. Vol. I, pp. 232. front. (col.). 66 pl. (col.). Vol. II, pp. 233-381+(3)+lv. 39 pl. (col.). index. London.

Published in five parts, the covers of which are bound in the present volumes, the dates being pt. I, Dec. 1907, pt. II, March 1908, pt. III, Sept. 1908, pt. IV, April 1909, pt. V, May 1910. According to the reviewer in the *Auk*, vol. 27, July 1910, pp. 350-1, Salvin originated the idea of publishing the present work and had some of the plates prepared at the time of his death in 1898. Godman then took over the project and with the acknowledged assistance of R. B. Sharpe, published the work as it now exists. Pp. xv-xxi contain an essay by Pycraft 'On the Systematic Position of the Petrels'. The number of species recognized is 224, of which 104 are figured. The present copy is No. 185 of the edition which was limited to 225 copies.

**** and SALVIN, O.

1915. *Biologia centrali-americana*. Zoology, botany, and archaeology. 4to. pp. viii+149. 2 pl. (portr.). 8 maps (col.). T. of c. Introductory volume. London.

A general introductory volume to the *Biologia Centrali-Americana*, part of which is of interest ornithologically, more especially, pp. 57-58, wherein is summarized the contents of vols. I-IV on the Aves written by Salvin, who describes 1,413 species in vols. I-III, the remaining volume containing the whole of the plates (84) as well as a complete list of the 149 species figured. This part of the work was completed in 1904, Salvin's long-continued ill health, and sudden death in 1898, having retarded the conclusion of vol. III, which was subsequently finished with the assistance of Bowdler Sharpe and Ogilvie-Grant.

GODMAN, JOHN DAVIDSON [1794-1830].

1826-8. *American Natural History*. 3 vols. 8vo. (All pub.) Part I. Mastology. 1st ed. (Also in *Bib. Osler*.) Vol. III has an appendix entitled 'General synopsis of Mammalia inhabiting North America', by Chas. L. Bonaparte. Phila.

An important and early semi-popular treatise.

1836. *American natural history*. To which is added his last work, *The Rambles of a Naturalist*. 2nd ed. 2 vols. 8vo. Vol. I, pp. xxvi+345. 27 pl. (woodcuts). Vol. II, pp. 337. 22 pl. 4 figs. append. index. Phila.

Reference to birds in this edition will be found in the biographical sketch at the end of vol. II, pp. 291-337. Here the woodpecker is referred to, with a discussion on the economic value of the Crow. An account is also given of some large 'crow roosts', and methods adopted for destroying the birds. The first edition of the work—in 3 vols.—was issued in 1826-8, without, however, the portion *The Rambles of a Naturalist*.

1842. *American natural history*. To which is added his last work, *The rambles of a naturalist*. 3rd ed. 2 vols. 8vo. Vol. I, pp. xxvi+345. 27 pl. (woodcuts). 1 fig. Vol. II, pp. 337. 22 pl. 4 figs. append. index. Philadelphia.

Apparently there is no difference whatever between this and the edition of 1836.

GODWIN-AUSTEN, HENRY HAVERSHAM [1834-?1905].

1862-4. (The) birds of India. See JERDON, T. C.

1874-7. *Opuscula ornithologica*. Lists of birds principally from the Naga Hills and Manipur,

including Others from the Khasi, Garo, and Tipperah Hills. 8vo. pp. 30+23. 8 col. pl.

The first two papers are illustrated with colored plates drawn by the author, which, bound with the other papers, form the present volume, a presentation from the author to Canon Tristram.

GOELDI, EMIL AUGUST [1859-1917].

1894-1900. *As aves do Brasil*. 2 pts. 12mo. pp. 664. Rio de Janeiro.

A rather mixed but important account of the birds of Brazil indigenous to and visiting Brazil; observations extending over six years. The work was issued in two parts. In the present copy there are title-pages and indexes for both parts, the last page (311) of part I being duplicated and one of them bound in part II.

1900-6. *Museu Goeldi (Museu Paraense) de historia natural e ethnographia. Album de aves amazonicas*. 2 vols. 4to. pp. (18)+(12). 48 pl. (col.). 3 indexes. Rio de Janeiro.

A collection of 48 plates lithographed in colors by Ernesto Lohse representing Goeldi's *Aves do Brasil*, 1894-1900, reference being made to that work on the plates and in the index. Fascicle I is dated 1900; II, 1902; III, 1905-6, the covers to these being bound in at the end of the present volume.

1902. Against the destruction of white herons and red ibises on the lower Amazon, especially on the island of Marajó. Two memorials. pp. 20. Para.

Spirited appeals against the wholesale slaughter of the above birds in the breeding season for the sake of their plumes for millinery purposes. Translated from the Portuguese originals by Wm. H. Clifford.

GOETHE, JOHANN WOLFGANG [1749-1832].

(1905-7). *Schriften zur Naturwissenschaft. Anmerkung von Max Morris*. 2 Tle. 8vo. Stuttgart. The above forms Bde. 39-40 of *Goethes Sämtliche Werke, Jubiläums-Ausgabe*, von der Hellen, and is a careful selection from the 14 vols. of scientific writings in the Weimar edition.

GOEZE, JOHANN AUGUST EPHRAIM [1731-93] and **DONNDORFF, J. A.**

1791-1803. *Europäische Fauna, oder Naturgeschichte der Europäischen Thiere, etc.* 9 Bd. (in 10). 8vo. illust. Leipzig.

One of the rarest and earliest systematic treatises on European fauna.

GOLDENBERG, CARL FRIEDRICH [1798-1881].

1873-7. *Fauna Saraepontana fossilis. Die fossilen Thiere aus der Steinkohlenformation von Saarbrücken*. 2 pts. 4to. illust. Saarbrücken.

GOLDFUSS, GEORG AUGUST [1782-1848].

1862-3. *Petrefacta Germaniae*. 2nd ed. 3 vols. in 1. 4to. Leipzig.

In Latin and German. The first edition was issued, also in 3 vols., 1826-44.

1866. *Petrefacta Germaniae. Repertorium zu Goldfuss' Petrefakten Deutschlands*. 4to. pp. 4+122. With this is an atlas, *n.d.*, with 201 plates. See also GIEBEL, C. G. A.

1911. (Smithsonian miscellaneous collections, volume 56, number 27.) A new kingfisher from Panama. 8vo. pp. (2)+2. Author's reprint. Washington.

The new species is *Ceryle Americana Isthmica*, type from Rio Indio (near Gatun), Canal Zone, Panama.

GOLDMAN, EDWARD ALPHONSO [1873-].

1911. Revision of the spiny pocket mice (genera *Heteromys* and *Liomys*). Washington.

1918. The rice rats of North America (Genus *Oryzomys*). North Amer. Fauna No. 43, Bur. Biol. Surv., U.S. Dept. Agric. pp. 100, 6 pls. Washington.

GOLDSCHMIDT, RICHARD BENEDICT [1878-].
1927. Die Lehre von der Vererbung von Richard Goldschmidt. 50 cuts. Berlin.

GOLDSMID, FREDERIC JOHN [1818-] and others.

1876. Eastern Persia, an account . . . Persian Boundary Commission, 1870-72. 2 vols. 8vo. *illust.* London.

The geology and zoology of these expeditions is discussed and fairly well illustrated by W. T. Blanford.

GOLDSMITH, OLIVER [1728-74].

1805. A history of the earth and animated nature. New ed., with corrections and additions by W. Turton. 6 vols. 8vo. *pl.* London.

The *editio princeps* of this celebrated but not original or reliable natural history was issued in 1774. Many editions were published with notes, corrections, and additions, most of which are in the McGill libraries.

1816. A history of the earth, and animated nature. W. Turton. A new ed., in 6 vols. 8vo. pp. xxxvi + 2,552. 109 pl. *T. of c. index.* London.

1819. A history of the earth and animated nature; with copious notes and additions by G. F. Shaw. 4to. pp. xii + 812. 75 pl. (73 col.). *addend. index.* London.

1831. A history of the earth and animated nature. pp. xvi + 718. *front. (portr.). 34 pl. T. of c. index.* Edinburgh.

1838. History of British and foreign birds. 18mo. pp. [2] + 400. *col. front. 46 col. pl.* The col. title-page reads 'Goldsmith's History of British and Foreign Birds. With numerous original notes' [by an anon. commentator]. London.

This small (and rare) little book by a famous writer, ignorant of scientific zoology, is well illustrated with hand-colored plates. The text is mostly from the author's *Animated Nature*. The present copy was originally in the Mullens Library.

1840-3. A History of the Earth and Animated Nature. (Another ed.) And an Appendix . . . by Captain Thomas Brown. 4 vols. 12mo. *illust.* Edinburgh.

This printing of a famous popular but not always accurate work is made useful from a scientific viewpoint by the appended notes, explanations of technical terms, with an outline of the Cuvier and other systems by a trained naturalist.

GOLF CLUBS AS BIRD SANCTUARIES.

1930. Pamphlet issued by the National Association of Audubon Societies.

GOOD, JOHN MASON [1764-1827] and others.

1813. Pantologia; a new cyclopaedia, etc. 12 vols. 8vo. Vols. 1-12 (not paged). 373 pl. (185 col., 20 birds). *index (to plates).* London.

A general scientific dictionary of moderate extent and popular language by several writers. Descriptions of birds naturally occur in alphabetical order, there being 20 colored plates representing about 50 species.

1819. Pantologia, etc. 12 vols. Vols. I-XII (not paged). 373 pl. (185 col., 20 birds). *index (to plates).* London.

1821. The gallery of nature and art. See POLEHAMPTON, EDWARD T. W., 1821.

1828. The book of nature. 2nd ed. 3 vols. 8vo. Vol. I, pp. xii + 443. *T. of c.* Vol. II, pp. (2) + 441. Vol. III, pp. (2) + 425. London.

The first edition of this work appeared in 1826.

GOODE, GEORGE BROWN [1851-96].

1879. Game fishes of the United States. *folio.* pp. 46. 20 pl. *map.* New York.

The drawings to illustrate this well-known work are by S. A. Kilbourne and in the present copy are in a portfolio.

1884. See JONES, J. M. and GOODE, G. B., Bermuda.

1884-7. See UNITED STATES. BUREAU OF FISHERIES.

1888. American fishes; a popular treatise upon the game and food fishes of North America, with especial reference to habits and methods of capture. 8vo. pp. 16 + 496. London and New York.

**** and **BEAN, T. H.**

1895. Oceanic Ichthyology, a treatise on the deep-sea and pelagic Fishes of the World, etc. 2 vols. 4to. pp. 35 + 26 + 553. 1 pl. *figs. in text. atlas.* 4to. pp. 23 + 26. 123 pl. Washington.

Occasionally found as a separate work; originally this fine treatise was issued as one of the *Smithsonian Contributions to Knowledge* (vols. XXX and XXXI). It is one of the chief authorities on oceanic fishes.

1896. (The) published writings of P. L. Sclater, 1844-96. See SCLATER, P. L.

1903. American fishes. New ed. . . . extended by Theodore Gill. 8vo. pp. 68 + 562. *illust. pl. portr.* Boston.

An important treatise written by two prominent ichthyologists.

GOODRICH, EDWIN S.

1930. Studies on the Structure and Development of Vertebrates. 8vo. pp. 30 + 837. 754 *figs. in text. index and tables.* London.

An up-to-date systematic account of vertebrate structure and development of signal importance to students.

GOODRICH, SAMUEL GRISWOLD [1793-1860].

1861. Illustrated natural history of the animal kingdom. 2 vols. 4to. 1,500 *figs.* Vol. I, pp. xv + (1) + 680. Vol. II, pp. viii + 680. *index.* New York. 390 illustrations of birds, many of which are from Yarrell's *British Birds*.

1875. Johnson's natural history . . . contributions from E. L. Youmans, J. H. Seelye and Sanborn Tenney. 2 vols. 4to. pp. 1,500. 1,550 *illust.* New York.

A popular work of little scientific importance.

GOODRICH-FREER, ADELA M. [1865-].

1924. Arabs in Tent and Town. An Intimate Account of the Family Life of the Arabs of Syria, with a Description of the Animals, Birds, etc. 8vo. pp. 325. *illust.* N.Y.

A valuable work, consisting of first-hand observations made over a period of 24 years. About 10 chapters relate to natural history.

GORDON, Mrs. EVELYN AUDREY (born) PEASE.

1927. Days with the golden eagle. See GORDON, S. P.

GORDON, SETON PAUL [1886-].

1907. Birds of the loch and mountain. 8vo. pp. 16 + 181. *illust.* London.

1912. The charm of the hills. 8vo. pp. xiv + 248. *front. 64 pl. T. of c. index.* London.

1915. Hill birds of Scotland. 8vo. pp. xii + 300. *front. 24 pl. T. of c. index.* London.

1921. Wanderings of a naturalist. 8vo. pp. 14 + 219. 67 pl. *index.* London and New York.



The Beginnings of Natural History in America.

← 417 figs. in atlas. (These 2 vols. also appeared as Special Bulletin No. 2.
U.S. Nat. Mus.)

← Gadow, Douglas. _____ . Wisdom in the Wild.

1931. In the highlands. 8vo. 21 pls.

Gori. Modern Fauna 1895

→ Gosse, P.H. 1856. The aquarium, or an unveiling of the wonders of the deep sea.
8vo.

→ Gosse, L. 1857. Des avantages que présenterait, en Algérie, la domestication
de l'autruche d'Afrique, *Struthio camelus*. 144 p.

1923. Hebridean Memories.

1926. The immortal isles. 8vo. pp. x+227. 5 pl. (col.). 32 pl. (12 birds). 24 figs. in text. London. An account of the Outer Hebrides, with their fauna.

1927. Days with the golden eagle. Photographs by the author and his wife. 4to. pp. xv+176. 19 pl. (4 col.) num. head-pieces. T. of c. London. Interesting, well-illustrated treatise.

GORDON, W. J.

?1892. Our country's birds and how to know them. 8vo. pp. 152. 33 col. pl. 38 text-cuts.

This 'Guide to all the birds of Great Britain, with an illustration in colour of every species' forms a useful compend for the identification not only of the British species but of most of their eggs. The colored plates are indications rather than true representations of the avian plumage.

GORÉ, R. T.

1825. A manual of the elements of natural history. See BLUMENBACH, J. F.

GÖRLITZ. Naturforschende Gesellschaft.

1827-1930. Abhandlungen.

GORUS, JOANNES DE SANCTO GEMINIANO. See JOHANNES DE SANCTO GEMINIANO.

GOSCH, CHRISTIAN CARL AUGUST [1832-1913].

1870-8. Udsigt over Danmarks zoologiske literatur. 3 vols. 8vo. Kjøbenhavn.

GOSS, NATHANIEL S.

1883. A catalogue of the birds of Kansas. Published under the direction of the executive council. 8vo. pp. iv+29. errata. Topeka. An annotated list of 320 species.

1886. A revised catalogue of the birds of Kansas. With descriptive notes of the nests and eggs. 8vo. pp. iv+76. index. Topeka.

The author's *A catalogue of the Birds of Kansas*, 1883, revised and enlarged, embracing 335 species.

1891. History of the birds of Kansas. Illustrating 529 birds. 8vo. pp. 692. 35 pl. 1 diagr. addend. glossary. 3 indexes. Topeka.

GOSSARD, H. A. and HARRY, S. G.

[1912]. Some Ohio birds. 8vo. pp. 78. front. (col.). 19 figs. bibliogr. index. Wooster, Ohio.

An extension of *The Birds of Wayne County*, by H. C. Oberholser, published by the Ohio Agricultural Experiment Station in 1896, 100 species being described.

GOSSE, PHILIP. See FITZGERALD, E. A., 1897.

GOSSE, PHILIP HENRY [1810-88].

1840. The Canadian naturalist. A series of conversations on the natural history of Lower Canada. 8vo. pp. xii+372. 47 figs. 2 indexes. London.

[1844]. An introduction to zoology. 2 vols. 8vo. Vol. I, pp. xxi+(3)+383. 73 figs. Vol. II, pp. iv+436. 58 figs. 2 indexes. London.

1846. Volume of original MSS. and cuttings. 4to.

1847. The birds of Jamaica. 8vo. pp. x+447. index. London.

This account was compiled largely from notes by Richard Hill, a resident ornithologist. A number of new species are described by the author, who in 1849 published *Illustrations of the Birds of Jamaica*.

1848-54. Natural history. 5 vols. illust. London. CONTENTS: [vol. 1]. Mammalia. [2]. Birds. [3]. Reptiles. [4]. Fishes. [5]. Mollusca.

The volumes composing this useful and important system are often issued separately and they actually form distinct treatises on the whole range of vertebrate zoology.

1849. Illustrations of the birds of Jamaica. 4to. pp. 4. 52 col. pl. London.

A series of 52 colored plates intended to illustrate the author's *Birds of Jamaica*, 1847, to which page references are given on the plates. It was originally proposed to give a figure of each species, but this plan was subsequently modified by omitting such species as had been well figured elsewhere. The beautiful original drawings are in the Blacker Library.

1849. Natural history. Birds. 16mo. pp. vii+327. 78 figs. T. of c. index. London.

1850. Natural history. Reptiles. 8vo. pp. 4+296. 80 illust. London.

1851. A naturalist's sojourn in Jamaica. 8vo. pp. xxiv+508. front. (col.). 7 pl. (col.). T. of c. append. index. London.

An interesting Journal of the author's sojourn in the island from his own personal notes and those of Richard Hill. Twenty-four new species of Mammalia, Reptiles, and Fishes are described.

1851. A text-book of zoology, for schools. 8vo. pp. (2)+450. 399 figs. 2 indexes. London.

1851. Natural History. Fishes. 8vo. pp. 8+372. text illust. London.

1853. Popular British ornithology. 2nd ed. 12mo. pp. 8+320. 20 col. pl. London.

A well-written, popular little book, with a few excellent diagnostic plates.

1853. A Naturalist's rambles on the Devonshire Coast. 8vo. pp. xvi+451. 28 pl. (col.). London.

1854. The Aquarium: an unveiling of the wonders of the deep sea. 8vo. col. pl. London.

The first edition (rare) of an informing, semi-popular work.

1855-6. (A) Manual of Marine Zoology for the British Isles. 2 vols. 8vo. illust. London.

1857. Life in its lower, intermediate, and higher forms. 12mo. pp. viii+363. front. 5 pl. 23 figs. T. of c. index. London.

1859. Letters from Alabama (U.S.), chiefly relating to Natural History. 12mo. pp. xii+306. text-figs. T. of c. London.

This rather rare little book contains many interesting accounts of birds seen during a residence of eight months in Alabama. The following, for example: 'I had the pleasure of seeing a flock of Parrots (*Psittacus Carolinensis*). There were eighty or a hundred in one compact flock . . . that looked like an immense shawl of green satin on which an irregular pattern was worked in scarlet, gold and azure. The sun's rays were brilliantly reflected from the gorgeous surface, which rapidly sped past, like a splendid vision.' The last phrase may likewise and appropriately be quoted to describe the untimely fate of the whole species.

1860. The Romance of Natural History, both series. 2 vols. 8vo. 21 pl. by Wolf and others. London.

The first edition of a well-written and reliable book that had many subsequent printings.

1862-3. The romance of natural history. 6th ed. 2 vols. 8vo. Vol. I, pp. xiv+(2)+372. front. 11 pl. T. of c. index. Vol. II, pp. xi+(1)+393. front. 9 pl. T. of c. append. index. London.

1864. The romance of natural history. 8vo. pp. xiv+(2)+372. front. 11 pl. T. of c. index. Boston.

An American issue of the first series.

[GOSSE, P. H. (contd.)]

1865. A year at the Shore. *8vo.* pp. *xii*+330. 36 col. pl. London.

1867-72. [Manuscript letter book.] Autograph letters from other authors, Chas. Kingsley *et al.*

1869. The romance of natural history. First series. 8th ed. *8vo.* pp. *xiv*+372. front. 11 pl. *T. of c. index.* London.

1870. The romance of natural history. Vol. I. 8th ed. [1st series]. Vol. II. 3rd ed. [2nd series]. 2 vols. *8vo.* Vol. I, pp. *xiv*+(2)+344. front. 11 pl. *T. of c. index.* Vol. II, pp. (4)+363. front. 9 pl. *append. index.* London.

1875. The romance of natural history. Vol. I. 10th ed. [1st series]. Vol. II. 5th ed. [2nd series]. 2 vols. *8vo.* Vol. I, pp. *xiv*+344. front. 11 pl. *T. of c. index.* Vol. II, pp. (4)+363. front. 9 pl. *T. of c. append. index.* London.

1879. Land and sea. *8vo.* pp. *xii*+425. 15 pl. *T. of c. 1 append. index.* London.

1902. Romance of natural history. *8vo.* pp. 12+348. front. *T. of c. index.* New York.
An American issue of the first series of 1860, but without the illustrations.

GÖTTINGEN. See GESELLSCHAFT DER WISSENSCHAFTEN.

GÖTZ, GEORG FRIEDRICH [1750-1813].

1782. Naturgeschichte einiger Vögel. *8vo.* pp. (24)+119+(1). 6 pl. (col.). 5 figs. Hanau.

Descriptions of rare birds, partly from life, with noteworthy hand-colored copper plates.

GOUAN, ANTOINE [1733-1821].

1770. Histoire des Poissons, etc. *4to.* pp. *xviii*+24+228 ff. 4 pl. Latin and French on opposite pages. Strasbourg.

GOULD, AUGUSTUS ADDISON [1805-66] and **AGASSIZ, L. J. R.**

1848. Principles of zoölogy . . . Pt. I. Comparative physiology. *8vo.* See AGASSIZ, L. J. R.
This well-known text-book passed through several editions and at least one translation.

1851. The naturalist's library; containing scientific and popular descriptions of man, quadrupeds, birds, fishes, reptiles and insects. *8vo.* pp. *xxi*+880. 400 figs. glossary. index. Boston.

A compilation from many works, arranged according to the classification of Stark, which is based upon that of Cuvier.

**** and **AGASSIZ, L. J. R.**

1851. Outlines of comparative physiology. Edited by Thomas Wright. *8vo.* pp. 24+442. illust. pl. London.

1854. The Naturalist's Library, etc. pp. 900. 400 figs. Boston.

1855. Principles of Zoology. Revised ed. *8vo.* pp. 442. illust. pl. (Bohn's Scientific Library.) London.

Of the same date is the German edition with the title *Allgemeine Zoologie, &c.*

1856. Principles of Zoology. Revised ed. See AGASSIZ, L. J. R.

1856. The naturalist's library, containing descriptions of man, quadrupeds, birds, fishes, reptiles and insects. *8vo.* pp. 900. 400 figs. Boston.
Another American edition.

1857. The naturalist's library. *8vo.* pp. *xxi*+880. 400 figs. glossary. index. Boston.
Still another American printing.

GOULD, JOHN [1804-81] and **VIGORS, N. A.**

1832. A century of birds from the Himalaya Mountains. *folio.* pp. (12)+(144). 80 pl. (col.). *T. of c.* London.

The present copy has the plates uncolored. It is probable that that publication was commenced in 1831 or earlier. Some of the plates were exhibited to the Zoological Society of London on Nov. 23, 1830. They were executed by Mrs. (E.) Gould from Gould's sketches, and the scientific descriptions, with most, if not all, of the remaining letterpress, were written by Vigors. The 80 hand-colored plates contain 102 figures of birds, of which two represent sexes figured twice; remaining 100 figures forming the basis for the title of 'Century'. This was the first of Gould's famous folios.

1832-6. See ORIGINAL DRAWINGS. GOULD, JOHN.

1832-7. The birds of Europe. 5 vols. *folio.* Vol. I, pp. *xii*+102. 50 pl. (col.). Vol. II, pp. (2)+200. 99 pl. (col.). Vol. III, pp. (2)+188. 93 pl. (col.). Vol. IV, pp. (2)+208. 103 pl. (col.). Vol. V, pp. (2)+208. 103 pl. (col.). London.

The copy in hand is in the 22 original parts with covers. The above collation has been taken from part 22 containing title-pages and indexes for all the volumes, preface and introduction, &c. The 448 magnificent plates were drawn by Gould and E. Lear, and hand-colored by Mrs. Gould.

1834. A monograph of the Ramphastidae, or family of toucans. *folio.* pp. (94). 34 pl. (33 col.). addenda. London.

Published in three parts, a very full account of which with dates will be found in the *Ayer Catalogue* by Zimmer, pp. 252-3. In 1854, Gould issued a new edition, and in 1855 published a 'Supplement to the First Edition', giving the text and plates of the species included in the revised, but not the original, edition.

1837-8. [The birds of Australia and the adjacent islands.] *folio.* 20 col. pl. London.

No t.-p. Issued in two parts. These were afterwards withdrawn, and their contents incorporated in *The Birds of Australia*, 7 vols., 1840-8. The present copy is in the original wrappers. The above title is the rarest of the Gould items.

1837-8. Icones avium, or Figures and descriptions of new and interesting species of birds from various parts of the globe. *folio.* 18 ll. 18 col. pl. (1 fold.). No t.-p. Issued in two parts.

This rare publication, illustrated by drawings made by J. and E. Gould, is a fundamental work in which several new species of birds are first described. A full account of the contents is given by Zimmer (*Ayer Cat.*, pp. 668-9).

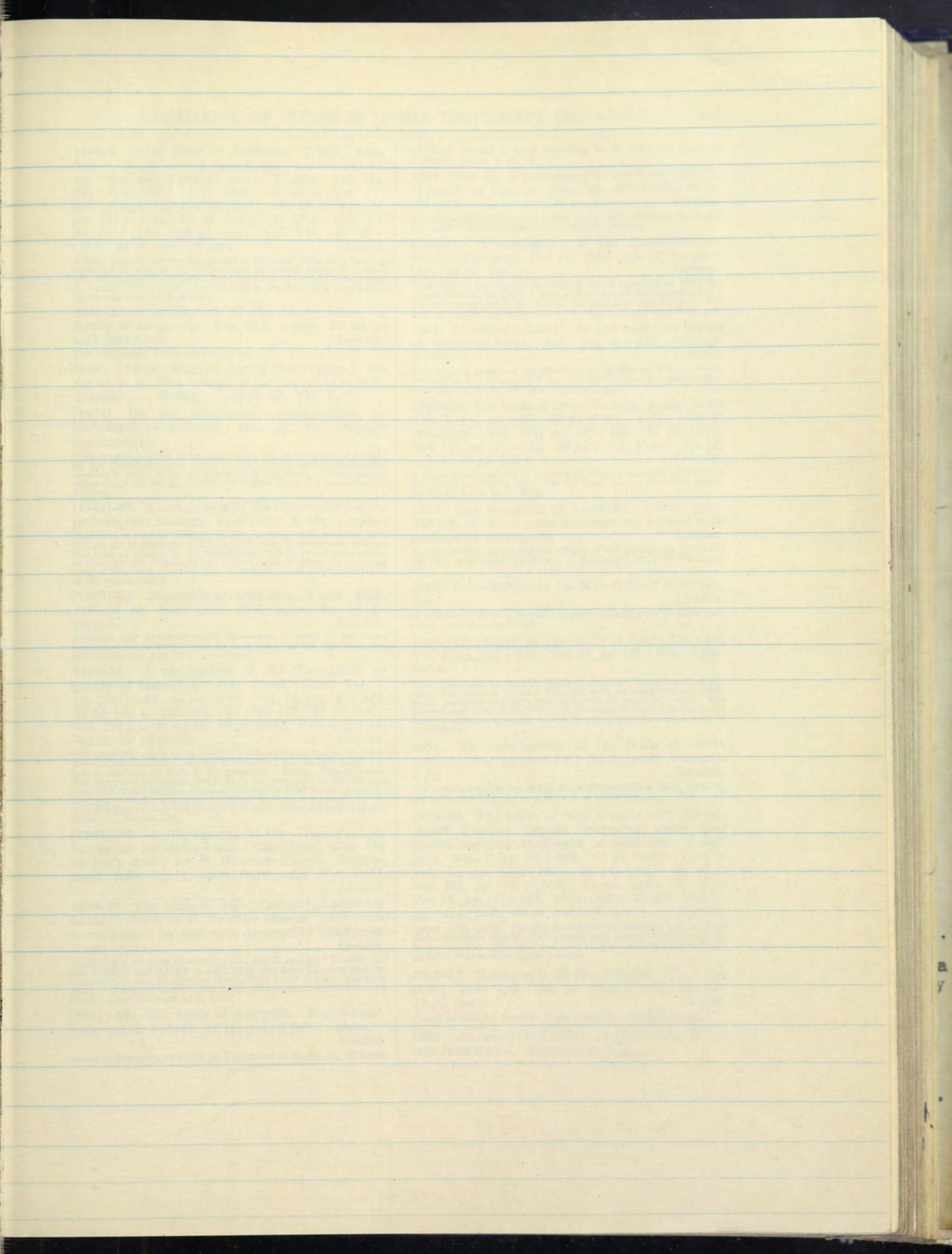
1837-8. A synopsis of the birds of Australia, and the adjacent islands. 4 pts. in 1 vol. *4to.* 73 col. pl. Each plate accompanied by leaf with descriptive letterpress. Pt. I, 19 col. pl. Issued Jan. 1837. Pt. II, 18 col. pl. Jan. 1837. Pt. III, 18 col. pl. April 1838. Pt. IV, 18 col. pl. April 1838. London.

Descriptive list of Australian birds many of which (part IV) were genera and species new to science. Eight pages of the last part are 'descriptions of new species'. The colored plates, the bases, of the text, are beautifully drawn.

1839-43. See ZOOLOGY OF THE VOYAGE OF H.M.S. BEAGLE, 1839-43.

ca. 1840. Manuscript in Gould's Handwriting, containing Descriptions of 587 Birds, mostly one to a page. *4to.* Lettered 'Boy's Birds'. Loosely inserted is an older MS. on 12 ll. of paper, headed 'Ornithological List' and containing Descriptions of 87 Birds.

An important and unique addition to the Blacker collection.



THE LITERATURE OF VERTEBRATE ZOOLOGY

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1840-8. (The) birds of Australia. 7 vols. folio. Vol. I, 36 pl. (col.). 3 figs. *T. of c. index.* Vol. II, pp. (4)+(208). 104 pl. (col.). *T. of c.* Vol. III, pp. (4)+(194). 97 pl. (col.). *T. of c.* Vol. IV, pp. (4)+(208). 104 pl. (col.). *T. of c.* Vol. V, pp. (4)+(184). 92 pl. (col.). *T. of c.* Vol. VI, pp. (4)+(164). 82 pl. (col.). Vol. VII, pp. (4)+(170). 85 pl. (col.). *T. of c.* London.

A truly magnificent treatise, issued in 36 parts. This work forms a thorough treatise on the birds of the Australian region illustrated with 600 hand-colored plates from drawings of the author and Mrs. E. Gould. Three years later the author commenced a supplement which was completed in 1869.

1841-2. A monograph of the *Macropodidae*, or family of kangaroos. Pts. 1-2. 2 vols. 30 col. pl with letterpress. London.

This monograph was never completed.

1844. [Birds collected during the voyage.] See HINDS, R. B. The zoology of the voyage of H.M.S. Sulphur . . . during . . . 1826-42. Vol. 1.

[1844]. On the sub-family *Odontophorinae*, or partridges of America. 8vo. pp. 60. Original manuscript.

John Gould's original manuscript in his own handwriting of a paper on the *Odontophorinae* which he read at the British Association Meeting in 1844. It was never printed or published, only an abstract appearing in the British Association Report. Page 19 is unfortunately missing.

[1844]-50. A monograph of the *Odontophorinae*, or partridges of America. 32 pl. (col.). *T. of c.* London.

Published in 3 parts, of which pt. I appeared in 1844, pt. II in 1846, and pt. III in 1850, the first two parts with 10 plates each and the last with 12 plates. In the introduction will be found descriptions of three species which are not figured, thus bringing up the total number of known species in the group to 35, all of which are treated in the present work.

[1845]-63. Mammals of Australia. 3 vols. folio. 182 col. pl. Each plate with descriptive letterpress. London.

Although not as sumptuously illustrated as some of his avian treatises the author's monographs on mammalian life, like the above, are wonderfully well done throughout.

1849-61. A monograph of the *Trochilidae*, or family of humming-birds. 5 vols. folio. Vol. I, pp. (127)+84. 41 pl. (col.). Vol. II, pp. (2)+152. 75 pl. (col.). Vol. III, pp. (2)+178. 87 pl. (col.). Vol. IV, pp. (2)+162. 80 pl. (col.). Vol. V, pp. (2)+156. 77 pl. (col.). London.

The most attractive of all Gould's publications, issued in 25 parts. The last part contained only the introductory matter, title-pages, and lists of contents for each of the projected volumes. This introduction was published also in 8vo form in the same year as the last part appeared, under the title *An introduction to the Trochilidae*. A supplementary volume was issued during 1880-7, completed by R. Bowdler Sharpe after Gould's death in 1881, under the title *A Monograph . . . Supplement*.

[1849]-87. A monograph of the *Trochilidae*, or family of humming-birds. Completed after the author's death by R. Bowdler Sharpe. Supplement. folio. pp. (8)+200. front. (col.). 57 pl. (col.). London.

1850-83. The birds of Asia. Completed after the author's death by R. Bowdler Sharpe. Each plate accompanied by leaf with descriptive letterpress. 7 vols. folio. London.

Published in 35 parts, of which parts I and II appeared in 1850, and pts. XXXIV and XXXV in 1883. The last three numbers and the Introduction were issued after the death of Gould in 1881. The total number of colored plates is 530, hand-colored, and mostly drawn by Gould; a few the work of J. Wolf.

[1851]-69. The birds of Australia. Supplement. folio. pp. iv+(158). 81 pl. (col., 1 fold.). index. London.

Issued in five parts, of which pt. I appeared on March 15, 1851, and

pt. V on August 1, 1869, according to G. Mathews, *Birds of Australia*, Suppt. 4, pp. 48, 1925.

1854 [1852-4]. A monograph of the *Ramphastidae*, or family of toucans. folio. pp. 26+(106). 52 pl. (51 col.). London.

A revised edition of Gould's earlier work, 1834, with new plates and discussions of various species not formerly treated.

1858-75. A monograph of the *Trogonidae*, or family of trogons. 2nd ed. folio. pp. (4)+v-xx+(98). 47 pl. (col.). London.

Published in four parts, the first of which appeared in 1858, the second in 1869, the third in June and the fourth in September 1875. The present edition is the second, the first appearing in 1838. The copy in hand is not bound but enclosed in a strong cardboard case.

1861. An introduction to the *Trochilidae*, or family of humming-birds. 8vo. pp. iv+216. bibliogr. 2 indexes. London.

This volume embraces the introductory matter of Gould's *Monograph of the Trochilidae*, 1849-61. The present copy is a presentation from the author to the Rev. William Rogers.

1862-73. The birds of Great Britain. 5 vols. folio. Vol. I, pp. cxi+68. 37 pl. (col.). 1 fig. Vol. II (wanting). Vol. III, pp. (2)+142. 76 pl. (col.). Vol. IV, pp. (2)+172. 90 pl. (col.). Vol. V, pp. (2)+174. 86 pl. (col.). London.

A magnificent work (in 25 parts) with life-like portraits of the birds inhabiting the British Isles. The 367 hand-colored plates are mostly by Gould, a few by J. Wolf.

1863. The mammals of Australia. 3 vols. folio. 130 col. pl. Each plate accompanied by leaf with descriptive letterpress. London.

It appears that an incomplete edition of the monograph (1845-63) has been published with 130 col. pl. instead of 182, with the above date.

1863. Introduction to the Mammals of Australia. 8vo. London.

A separately printed tractate apparently unknown to collectors, taken from the larger work.

1865. Handbook to The birds of Australia. 8vo. Vol. I, pp. viii+636. Vol. II, pp. (6)+629. 3 figs. index.

This is the text of Gould's *Birds of Australia*, 1840-8, and of the three Supplements thereto, 1851-69, with emendations and additions. He refers to it as "a kind of handbook" to his folio work. The present copy is from the library of Professor Blasius, who has made many marginal notes and drawn, in pencil on a fly-leaf, a map of Australasia.

1873. An introduction to the birds of Great Britain. 8vo. pp. iv+135. front. (portr. inserted). 1 fig. London.

The introductory matter of *The Birds of Great Britain*, folio, 1862-73, set up in 8vo form for convenience of correction.

1875-88. The birds of New Guinea and the adjacent Papuan Islands, including many new species recently discovered in Australia. 5 vols. folio. Vol. I, pp. iii+108. 56 pl. (col.). *T. of c.* Vol. II, pp. (4)+(116). 58 pl. (col.). *T. of c.* Vol. III, pp. (4)+(144). 72 pl. (col.). *T. of c.* Vol. IV, pp. (4)+118. 59 pl. (col.). *T. of c.* Vol. V, pp. (4)+(150). 75 pl. (col.). *T. of c.* London.

Issued in 25 parts. The distribution of the 320 fine hand-colored plates by Gould and W. Hart among their respective parts is given in the indexes. This truly magnificent work was completed by R. Bowdler Sharpe after Gould's death.

1880-1? Monograph of the *Pittidae*. Pt. I (all pub.). folio. pp. (20, pt. I)+(2)+(20, pt. II). 10 pl. (col.). London.

Partly written by Bowdler Sharpe after the author's demise.

1893. An analytical index to the works of the late John Gould. See SHARPE, R. B.

- GOURRET, PAUL.**
 1894. Les Pêcheries & les Poissons de la Méditerranée. 8vo. *illustr.* Paris.
- GOWAN'S NATURE BOOKS.**
 1907. Life in the Antarctic; 60 photographs with notes by W. S. Bruce. See BRUCE, W. S.
 1907. Wild birds at home, photographed from life by C. Kirk. Series 5. Text by G. Girdwood. See GIRDWOOD, G.
 1911. Wild birds at home. Third series. Sixty photographs from life, by C. Kirk, of British birds and their nests. See GIRDWOOD, G.
 1914. Birds at the zoo. 2nd ser. See BERRIDGE, W. S.
 1918. Birds at the Zoo. See BERRIDGE, W. S.
 1921. Wild birds at home. Sixty photographs from life, by C. Kirk, of British birds and their nests. Text by G. Girdwood. See GIRDWOOD, G.
- GRAEFE, H. und NAUMANN, J. F.**
 1836. Handbuch der Naturgeschichte des Thierreichs. Bd. I. Thierreich. 2 vols. (29 Hfte.). 8vo. *Eisleben.*
 A rare volume, the first of a popular but unfinished treatise on the animal kingdom in general by two noted zoologists. The full title of this work is *Naturgeschichte nach allen drei Reichen für Schule und Haus*, 1836-8. See *Bibliotheca Hist.-Naturalis*, Wilhelm Engelmann, 1846, p. 112. This title is not in the *Cat. Br. Mus. (Nat. Hist.)*.
- GRAELLS Y DE LA AGÜERA, MARIANO DE LA PAZ [1818?-98].**
 1864. Manual practico de piscicultura. Madrid.
 A rare Spanish handbook not listed in the *Cat. Br. Mus. (Nat. Hist.)*.
- GRAESER, KURT.**
 1905. Der Zug der Vögel. Eine entwicklungs-geschichtliche Studie. 2te verm. Aufl. 8vo. pp. 167. T. of c. Berlin.
- GRAESSE, JOHANN GEORG THEODOR [1814-85].**
 1922. Trésor de livres rares et précieux ou nouveau dictionnaire. 8 vols. Berlin.
 An indispensable work of reference and an excellent supplement to Brunet's monumental *Manuel*. The original edition is very scarce.
- GRAFF, LUDWIG VON [1851-?1926].**
 1896. Die Zoologie seit Darwin. Graz.
 A valuable work of reference.
- GRAHAM, HENRY DAVENPORT [1825-72].**
 1890. The birds of Iona & Mull. 8vo. pp. xv+279. *illustr. index.* Edinburgh.
 This contribution to the ornithology of the Hebrides consists chiefly of an account of bird shooting, with pictures of the brave 'sportsmen' killing (uselessly) defenceless and harmless animals at short range.
- GRAHAME, JAMES [1765-1811].**
 n.d. Schottlands Vogelwelt (The birds of Scotland). In deutscher metrischer Uebersetzung von Dr. Ludwig Kopf. 8vo. pp. 36. a few cuts. Korneuberg.
 A German issue, in translation, of the 1806, versified, English (original) edition.
- GRAN CHACO-EXPEDITION.** See WISSENSCHAFTLICHE ERGEBNISSE DER DEUTSCHEN . . . EXPEDITION, 1930.
- GRANDIDIER, ALFRED [1836-?1907].**
 1875-99. Histoire physique, naturelle et politique de Madagascar, etc. Vols. I-XXXIX. 4to. Paris.
 For this comprehensive history of Madagascar Grandidier acted as editor and part writer. The vertebrate zoology occupies many volumes of colored plates, the mammalia being described by A. Milne Edwards, A. Grandidier, and H. Filhol in vols. VI, IX, and X, 1875-97, 305 col. pl.; birds by Grandidier and Milne Edwards, vols. I, II, and IV, 1876-85, 400 col. pl.; fishes by H. Sauvage, pp. 543, 63 col. pl., 1887-91; reptiles by L. Vaillant and G. Grandidier, pp. 86, 27 col. pl., 1910—altogether a splendid example of systematic work.
- GRANDIDIER, GUILLAUME [1873-].**
 1902. Madagascar au début du xx^e siècle. 8vo. Paris.
 1902. See BLANCHARD, R. A. E., 1902.
- GRANDVILLE.**
 1842. Scènes de la Vie Privée et Publique Des Animaux. 2 vols. 8vo.
 1867. [A later amended edition of] Scènes de la Vie Privée, etc.
- GRANT, JOHN B.**
 1891. Our common birds and how to know them. 8vo. pp. 216. 64 pl. *index.* New York.
- GRANT, ROBERT EDMOND [1793-1874].**
 n.d. On the principles of classification as applied to the primary divisions of the animal kingdom. pp. 58 (*interleaved*). 28 figs. ?London.
 A presentation copy from the author.
- GRANT, WILLIAM ROBERT OGILVIE-. See OGILVIE-GRANT, WILLIAM ROBERT.**
- GRÄSSNER, FÜRCHTEGOTT.**
 n.d. Die Vögel von Mittel-Europa und ihre Eier. 3te sehr vermehrte und gänzlich umgearb. Aufl. des früher erschienenen Werkes: Die Eier der Vögel Deutschlands von Naumann und Buhle. 4to. pp. 22+183. 24 col. pl. 441 *text-figs.* Dresden.
 A monograph on the nests and eggs of Middle European birds, with a discussion of the habits and nidification of the corresponding avian species. An undated third printing, the second having appeared in 1860, as of Naumann and Buhle's treatise, 1818, but greatly differing in all respects from that work. See NAUMANN AND BUHLE, 1818.
- GRATZ (Austria). Naturwissenschaftlicher Verein für Steiermark Gratz.**
 1863-date. Mitteilungen. Indices.
- **** Zoologisch-Zootomisches Institut.
 1886-1911. Arbeiten. 9 vols. (all pub.).
- GRAVE, BENJAMIN HARRISON [1878-] and WALKER, E. P.**
 1913. The birds of Wyoming. 8vo. pp. 137. *front. T. of c. bibliogr. index.* [Laramie, Wyo.]
 An annotated list of the birds of Wyoming, together with 13 local lists and a bibliography to date.
- GRAVES, GEORGE [fl. 1777-1834].**
 1811-21. British Ornithology, being the History with a Coloured representation Of every known Species of British Birds. 3 vols. 8vo. Vol. I (1811) not paged. 48 pl. Vol. II (1813) unpagged. 48 pl. Vol. III (1821) not paged. 48 pl. The 144 plates are all colored. London.
 This is the first edition. The second edition (in which the three parts are all dated 1821) is merely the sheets of the first with fresh title-pages. It is occasionally found with uncolored plates.

= Gouret, Paul. 1888. Revis. d. Crustacés Podophthalmes du Golfe d. Marseille.
18 pl. Marseille.

Grandi, Lazaro. n.d. ~~517~~ 8 vo alfabeto di Segreti
medicinali con l'arte facile. d'vicellari, e Piscare. ^{sm. 8vo.} ~~11~~ 256
Milano.

- Grant, R. E. 1861. Tabular view of primary divisions of animal kingdom: an
outline on recent zoology (cainozoology). 8vo. 91 pp.

Gravirk, Contributions to the knowledge of the East African ornithology.

Gräf. 1887. Die Annelidengatt. Spintner. 181

1821 ^h This work was issued with uncolored plates.

1816. Ovarium Brittanicum; being a correct delineation of the eggs of such birds as are native of, or domesticated in Great Britain. Pt. I (all pub.). 8vo. pp. vi. 15 pl. 50 col. figs. of eggs. *index.* London.

The present copy of this unfinished but rather rare and well-illustrated little book has the original wrapper and label, from the library of Major W. H. Mullens.

1818. (The) naturalist's pocket-book; or, Tourist's companion. 8vo. pp. 8+335. 10 pl. (5 col.). London.

The first edition of a popular natural history in which birds are discussed on pp. 58-138. The present copy is from the Mullens Library.

1821. British ornithology. 2nd ed. 3 vols. 8vo. Vol. 1. 64 ll. 48 pl. (col.). *index.* Vol. 2. 64 ll. 48 pl. (col.). *index.* Vol. 3. 60 ll. 48 pl. (col.). *index.* London.

The hand-colored plates of this edition are not of a very high order. It is said to have been issued also with uncolored ones.

1824. The naturalist's companion. 8vo. pp. 8+335. 8 pl. (5 col.). London.

This is an alleged new edition but with the exception of a slight change in the wording of the title is an exact reproduction of the *Naturalist's Pocket-Book*, 1818. This printing occasionally has, as in this instance, only five colored plates.

GRAVESON, W. The natural history of Hertfordshire. See WILMORE, A., 1925.

GRAY, ALBERT ALEXANDER.

1907-8. The labyrinth of animals, including mammals, birds, reptiles and amphibians. 2 vols. 4to. Vol. I, pp. x+198. 31 pl. 2 figs. *T. of c.* Vol. II, pp. xiii+252. 45 pl. *T. of c.* London.

An important and elaborate work designed to give the anatomy of the labyrinth, or inside of the ears of vertebrates, with the exception of fishes. A stereoscope is provided in a pocket at the end of vol. I.

GRAY, GEORGE ROBERT [1808-72].

1840. A list of the genera of birds, with an indication of the typical species of each genus. 8vo. pp. 8+80. London.

The first edition of the earliest series of avian catalogues by this famous author. In this small volume many type specimens and names new to science are given and it consequently forms one of the fundamental and indispensable references for the student.

1841. A list of the genera of birds, with their synonyma, and an indication of the typical species of each genus. 2nd ed., revised, augmented and accompanied with an index. 1 vol. 8vo. pp. xii+115. *index.* London.

In 1840 Gray published the first edition of this valuable work, in which a number of *nomina nova* occur. He issued an appendix in 1842, leading up to his more complete *British Museum Catalogue of the Genera and Sub-genera of Birds* in 1855. The volume in hand is a presentation copy and is from the library of J. E. Harting. A second copy in the E.S.W. Library is a gift from the author to L. L. Dillwyn. It has been interleaved, and an appendix (with MS. notes) added, and dated 1842. (From the Mullens Library.)

1843. See DIEFFENBACH, ERNST, 1843.

1844-8. List of the specimens of birds in the collection of the British Museum. 2 vols. pts. 1-4. 12mo. London.

The present copy includes also the revised, second edition (published in 1848). This series was never completed but was superseded by the famous *Catalogue of the Birds of the British Museum*. So far as it goes it is, like its successor, a systematic list of the bird specimens in the museum.

1844-9. The genera of birds: comprising their generic characters, a notice of the habits of the genus, and an extensive list of species referred

to their several genera. 3 vols. folio. 334 pl. (partly fold., 185 col.). Originally issued in 50 parts London.

A very important and beautifully illustrated fundamental work. The various parts were irregularly published, the exact date of each issue being given by Zimmer (*Cat. Ayer Library*, p. 269). They correspond closely to the dates printed at the end of each part. The pages of the copy in hand have been continuously numbered in pencil.

1844-75. The zoology of the voyage of H.M.S. Erebus and Terror, etc. (Mostly by J. E. GRAY.) See RICHARDSON, Sir JOHN.

1852. List of the specimens of British animals in the collection of the British Museum. Part IX. Eggs of British birds. 12mo. pp. 4+143. London.

1855. Catalogue of the genera and subgenera of birds contained in the British museum. 12mo. pp. 192. *index.* London.

Of this important little 'fundamental' the introduction states that it furnishes a complete list of the genera and subgenera of birds, including their principal synonyma and types.

1859. Catalogue of the birds of the tropical islands of the Pacific Ocean, in the collection of the British museum. 8vo. pp. 72. *index.* London.

A very valuable and early list, with a detailed synonymy. A number of new species are catalogued. The bird life of the Islands between long. 134° east and 130° west is included. The Compiler found this roster of great help in writing his *Birds of Fiji* (see Ibis, 1926).

1859. Catalogue of the mammalia and birds of New Guinea, in the collection of the British Museum. By J. E. Gray . . . and G. R. Gray. See BRITISH MUSEUM—NATURAL HISTORY.

1863. Catalogue of British birds in the collection of the British museum. 8vo. pp. xii+247. London.

1868? A Hand-Catalogue of the Genera, Sub-genera and species of Birds; contained in the British Museum. 8vo. pp. 169. Order 1. Birds of Prey, accipitres, Linn. (Original manuscript.)

This is the original MS. of a portion of Gray's famous *Hand-list*, bound and presented to the E.S.W. Library by Dr. Chas. W. Richmond. There are, also, several pen-and-ink sketches illustrating the written notes. A most interesting and valuable item of ornithological history.

1869-71. Hand-list of the genera and species of birds, distinguishing those contained in the British Museum. Pts. 1-3. 8vo. Pt. I, pp. xx+404. *T. of c.* Pt. II, pp. xv+(I)+278. *T. of c.* Pt. III, pp. xi+350. *T. of c.* 2 indexes. London.

1871. A fasciculus of the birds of China. folio. pp. 8. 12 pl. (col.). London.

A series of hand-colored plates by W. Swainson, originally intended to illustrate a complete work on Chinese avifauna which was never written.

1871. List of British birds. Gray's arrangement. See TRISTRAM, H. B.

1873. [Birds of the South Sea Islands.] See BRENCHLEY, J. L.

GRAY, JOHN EDWARD [1800-75].

1828-1924. *Spicilegia Zoologica*; or Original Figures . . . of New and Unfigured Animals. Pts. I and II. folio. pp. 12. 11 pl. London.

Very rare. The third part, with colored plates of birds, &c., was published many years after Gray's death, the illustrations from plates left by the author. In addition to the paintings and sketches reproduced (by Janson) in part III a number of drawings, evidently intended to illustrate parts of the *Spicilegia*, are now in the library of the Natural History section of the British Museum.

[GRAY, J. E. (contd.)]

1829. Aves . . . the additional species inserted in the text of Cuvier. See CUVIER, G. L. C. F. D.

1830-4. Illustrations of Indian zoology chiefly selected from the collection of Maj.-Gen. Hardwicke. 2 vols. folio. 202 col. pl. London.

Many of the type illustrations in this very important atlas are from drawings by Waterhouse Hawkins.

1831-44. The Zoological Miscellany. Six parts. 8vo. London.

This is one of the rarest of avian serials—especially when the parts are complete.

1841. See GREY, Sir GEORGE, 1841.

1843. Fauna of New Zealand; materials towards a fauna of New Zealand, Auckland Island and Chatham Islands. 8vo. pp. 120. pl. London.

Author's reprint from E. Dieffenbach's *Travels in New Zealand*.

1844-75. The zoology of the voyage of H.M.S. Erebus and Terror, etc. See RICHARDSON, Sir JOHN.

1846. Gleanings from the menagerie and aviary at Knowsley Hall. folio. pp. [14]. 17 pl. (col.). Privately printed. Knowsley.

A series of drawings of living specimens in the Earl of Derby's menagerie at Knowsley Hall, with notes by his lordship and J. E. Gray. The drawings were made by Mr. Edward Lear. The present copy is a presentation from J. E. Gray, and is from the Godman Library.

→ 1849. Catalogue of the Snakes in the British Museum. London.

One of the famous series published by the Trustees.

1850. Gleanings from the menagerie and aviary at Knowsley Hall: hoofed quadrupeds, with drawings by Waterhouse Hawkins. folio. pp. [4] + 76. 62 pl. Privately printed. Knowsley.

The library copy is a presentation from J. E. Gray with autograph. The plates were lithographed by W. Hawkins after his own water-color drawings, and are accompanied by descriptions by Lord Derby.

1850. See ADAMS, ARTHUR, 1850.

1859. Catalogue of the mammalia and birds of New Guinea, in the collection of the British Museum. See BRITISH MUSEUM—NATURAL HISTORY.

1868. Synopsis of the species of Whales and Dolphins. 4to. pp. 10. 37 pls. London.

This is one of the numerous monographs issued by the author as part of the British Museum publications.

GRAY, ROBERT [1825-87].

1871. The birds of the west of Scotland, including the outer Hebrides. 8vo. pp. x+520. 14 pl. append. index. Glasgow.

1876. On the birds of Glasgow and its vicinity. (See BRITISH ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE. Notes on the fauna and flora of the west of Scotland, pp. 9-16.)

GRAYSON, ANDREW J.

1871. Natural history of the Tres Marias and Socorro. 8vo. pp. 45. Boston.

Author's reprint from the *Proc. Boston Soc. Nat. History*, 1871. The results of three voyages to the Tres Marias off the western coast of Mexico in 1865, 1866, and 1867, and two visits to Socorro.

GREELY, ADOLPHUS WASHINGTON [1844-?1913].

See INTERNATIONAL POLAR EXPEDITION, 1888.

GREEN, CHARLES.

1842. The history, antiquities, and geology of Bacton, in Norfolk. 8vo. pp. 10+102. pl. Norwich.

GREEN, D. M.

[1920]. Common poultry diseases. 8vo. pp. 8. 2 figs. T. of c. (U.S. Dept. Agriculture. Farmers' Bull. 1114.) Washington.

GREEN, JOSEPH F.

1887. Ocean birds. folio. pp. 12+98. 10 col. pl. London.

GREEN, NEAL.

[1918]. Fisheries of the North Sea. 8vo. pp. 4+178. 1 pl. 1 map. London.

A good account of economic ichthyology in Northern Europe.

GREEN, ROLAND. 1927. See ORIGINAL DRAWINGS.

GREENE, EDWARD LEE [1843-1915].

[1912]. Carolus Linnaeus. Introd. by Barton W. Evermann. 12mo. Phila.

Contains a chapter on 'Linnaeus as a zoologist', by W. H. Dall.

GREENE, WILLIAM THOMAS.

1884-7. Parrots in captivity . . . with notes on several species. 3 vols. 8vo. Vol. I, pp. x+144. front. (col.). 26 pl. (col.). T. of c. Vol. II, pp. xiv+111. front. (col.). 26 pl. (col.). T. of c. index. Vol. III, pp. viii+144. front. (col.). 26 pl. (col.). T. of c. London.

A treatise on 81 species of parrots, parrakeets, lorries, and cockatoos, &c., with accounts of their habits in life and in captivity, with supplementary remarks on many of the forms credited to F. G. Dutton. The first two volumes were issued in 18 parts of which the first six appeared in 1883, the remainder in 1884. Volume III appeared entire in 1887. A fourth volume is said to have been begun in 1888, of which only two parts with nine colored plates were issued.

1896. Feathered friends old and new. 8vo. pp. 8+302. pl. text cuts. T. of c. London.

1898. Birds of the British Empire. 8vo. pp. [6]+360. 80 text-figs. index. (The Imperial Library.) London.

1898. Popular parrakeets: their breeding and management by amateurs. 12mo. pp. (8)+92. 5 pl. 6 figs. T. of c. index. London.

→ 1922. Popular parrakeets, their breeding and management by amateurs. 2nd ed., by Rosslyn Mannering. 12mo. pp. (8)+103. 8 pl. 6 figs. T. of c. index. London.

n.d. Popular parrakeets, their breeding and management by amateurs. 8vo. pp. (6)+100. 8 pl. 6 figs. T. of c. index. London.

An enlarged printing of the edition of 1898, with three extra plates and some text matter.

n.d. The grey parrot and how to manage it. 2nd ed. 8vo. pp. (4)+92. T. of c. index. London.

GREENHILL, G. A. See OPIANUS, 1864.

GREENWOOD, HARRY. Random notes on Indian and Burman ornithology. See VAGRANT, 1868.

GREGG, Mrs. MARY (born KIRBY) [1817-93].

1872. Beautiful birds in far-off lands: their haunts and homes. 8vo. pp. viii+269. 11 col. pl. T. of c. London.

In the production of this popular work the author was assisted by her sister Elizabeth Kirby.

1883. Amateur's Aviary of foreign birds. front., illus.

Gray, J. 1846. Catalogue of the specimens and drawings of mammalia and birds of Nepal and Thibet. 12 mo.

1863. Same. 2^d ed. 12 mo. pp. xii, 90.

1899. Notes on cage birds. 2^d series. By various hands. Ed. by W. T. Greene. 800.
Diseases of cage birds.

→ Gregory, R.A. 1923. Discovery: the spirit and service of science. pp. 367.

Griffiths, E. This item (with uncolored plates) purchased & paid for by C.A.S. from F.J. Guffin, Lond. Oct 21/31.

^ Grey, Lord, 1926. The first ed. in book form of certain addresses.

→ Grinnell, George, Bird. 1910. American Game Shooting.

8vo, 8 pp 558.

New York.

→ 1906 Notes on Island of Dominica. sm. 8vo. 17 pl. + map.

pp. 126. Index. London.

GREGORY, OLYNTHUS GILBERT [1774-1841] and others.

1813. *Pantologia; a new cyclopaedia*. See GOOD, J. M.

A second edition of this work was published in 1819.

GREGORY, WILLIAM K.

1910. *The orders of mammals*. 32 figs. *New York*. Excellently written account of mammalia in general.

GREIFSWALD. Naturwissenschaftlicher Verein von Neu-Vorpommern und Rügen.
1869-1930. *Mittheilungen*.

GRENFELL, WILFRED THOMASON [1865-] and others.

1909. *Labrador, the country and the people*. 8vo. pp. xii+497. 54 pl. 1 map (col. fold.). 36 figs. in text. *T. of c.* 6 append. index. *New York*.

The birds (216 species) are described by Dr. Chas. W. Townsend and Dr. Glover M. Allen.

GREPPIN, L.

1900. *Notizen über einige der in der Umgebung von Solothurn vorkommenden Vögel*. 8vo. pp. 59. *Solothurn*.

GREW, NEHEMIAH [1641-1712].

1681. *Museum regalis societatis; or, A catalogue and description of the natural and artificial rarities belonging to the Royal society and preserved at Gresham Colledge; whereunto is subjoined the comparative anatomy of stomachs and guts*. 2 vols. folio. *illustr.* *London*.

The remarks on nomenclature in the Preface show how naturalists were preparing the way for Linnaeus.

GREY, EDWARD, Viscount of Fallodon.

1926. *Falloon papers*. 8vo. *woodcuts*.

A local natural history, a reissue of the first edition.

[1927]. *The charm of birds*. 8vo. pp. xii+243. 22 figs. *T. of c.* append. *London*.

GREY, Sir GEORGE [1812-98].

1841. *Journals of two expeditions in north-western and western Australia . . . during 1837-9, &c.* 2 vols. 8vo. *illustr.* *London*.

Important natural history volumes for which John Gould wrote an account of the Birds of the western coast; J. E. Gray contributed notes on the Mammalia and a catalogue of Reptiles and Amphibia.

GRIECHISCHE JAHRESZEITEN. 1873-6. *Schleswig*.

GRIEVE, SYMINGTON.

1885. *The great auk, or garefowl (Alca impennis, linn.) its history, archæology, and remains*. 4to. pp. x+141+58. 3 pl. (2 col., eggs). 1 map (col. fold.). 6 figs. *T. of c.* 9 append. index. *London*.

A very interesting monograph, from which, *inter alia*, we learn that there are of the bird about 80 skins in existence.

GRIFFINI, ACHILLE.

1911. *I pesci—gli anfibi—I rettili*. 30 col. pl. *Genova*.

A popular work on fishes, amphibia, and reptiles, excellently illustrated.

GRIFFITHS, A. F.

1901. *Catalogue of the cases of birds in the Dyke Museum, Brighton*. See BOOTH, EDWARD THOMAS.

1927. *Catalogue of cases of birds in the Dyke Road Museum, Brighton, giving a few descriptive*

notes, and the localities in which the specimens were found, by E. T. Booth, with further notes by A. F. Griffith. 5th ed. See BOOTH, E. T.

GRIFFITH, EDWARD [1790-1858].

1827-35. *The Animal Kingdom, etc.* 16 vols. 8vo. (*Wanting.*)

Although avowedly 'based' on Cuvier's main treatise, these volumes contain a fair amount of new and original matter.

1829. (The) animal kingdom . . . by the Baron Cuvier . . . with additional descriptions of all the species hitherto named, and of many not before noticed. Tr. and ed. by E. Griffith, &c. See also CUVIER, G. L. C. F. D.

GRIFFITH, GEORGE RICHARD WALDIE- [1820-78].

1844. *A synopsis of the characters of the carboniferous limestone fossils of Ireland, drawn and described by Frederick McCoy*. folio. pp. 8+207. pl. *Dublin*.

1846. *A synopsis of the silurian fossils of Ireland drawn and described by Frederick McCoy*. folio. pp. 72. pl. *Dublin*.

GRIFFITHS, ARTHUR BOWER [1859-].

1912. *Biographies of scientific men*. 8vo. pp. xv+202. front. (portr.). 15 pl. (portr.). *T. of c.* index. *London*.

A study of a group of men of science of the eighteenth and nineteenth centuries, that includes Cuvier, Linnaeus, and several other zoologists.

GRIMPE, G. and WAGLER, E.

1922-30. *Die Tierwelt der Nord- und Ostsee, etc.* An important treatise of which ten parts have appeared to date.

GRINNELL, ELIZABETH [1851-] and **GRINNELL, JOSEPH** [1877-].

1898. *Our feathered friends*. 8vo. pp. xii+144. 37 figs. *T. of c.* *Boston*.

A popular account (for children principally) of some of the commoner North American birds.

1903. *Stories of our Western Birds*. 8vo.

GRINNELL, GEORGE BIRD [1849-].

1901. *American duck shooting*. *New York*.

GRINNELL, JOSEPH [1877-].

1898. *Our feathered friends*. See GRINNELL, E.

1900. *Birds of the Kotzebue Sound Region, Alaska*. 8vo. pp. 1+80. *Santa Clara, California*. This is No. 1 of the well-known Pacific Coast Avifauna, a serial publication of great value often issued as separate monographs. 150 avian species are recorded.

1909. *Birds and mammals of the 1907 Alexander expedition to southeastern Alaska*. 8vo. pp. 171-264. 2 pl. (1 map). 4 figs. *T. of c.* *Berkeley, Calif.*

Author's reprint from Univ. Calif. Pub. in Zoology, 1909. The region dealt with is wholly within the faunal area first named by Nelson the Sitkan District. The expedition obtained 532 birds, 33 sets of eggs, some with nests, and 476 mammals, and upon these, together with the notebooks kept by most of the party, the reports are based.

1909. *A bibliography of California ornithology*. 2 vols. 8vo. pp. 166+191. (Pacific Coast Avifauna.)

Although published as periodical monographs this valuable treatise calls for separate mention as a work of great value for the student of systematic ornithology, and should be kept specially for reference. The volumes in hand are a presentation from the talented author to the E.S.W. Library.

GRINNELL, J. (contd.)]

1912. Systematic List of the Birds of California. pp. 23. (Pac. Coast Avifauna, No. 8.)

1914. An account of the mammals and birds of the lower Colorado Valley, with especial reference to the distributional problems presented. pp. 51-294. pl. 3-13 (1 map fold.). 9 figs. bibliogr.

Berkeley.

Author's reprint from *Contrib. Mus. Verteb. Zoology*. Contains, in part, a check-list of 150 avian species, which are further discussed with a record of specimens, distribution, variation, &c., in an annotated list with biographical notes and bibliography.

1918. The game birds of California. (Contribution from the University of California Museum of Vertebrate Zoology by Joseph Grinnell, Harold Child Bryant, and Tracy Irwin Storer.) 8vo. pp. x + 642. front. (col.). 15 pl. (col.). 94 figs. (4 diagr., 4 charts, 1 map). 1 insert (tab. 7). bibliogr. index.

Berkeley.

A detailed account with notes on habits, distribution, nidification, and economic value, illustrated by L. A. Fuertes and Allan Brooks.

****** and STORER, TRACY.**

1924. Animal life in the Yosemite; an account of the mammals, birds, reptiles, and amphibians in a cross-section of the Sierra Nevada. (Contribution from the Museum of Vertebrate Zoology, University of California.) 4to. pp. xviii + 752. front. (col.). 61 pl. (11 col.). 1 chart (fold., col.). 1 map (fold., col.). 65 figs. 7 tab. (col.). T. of c. index.

Berkeley.

A comprehensive report on the vertebrates of the Yosemite Valley. The work forms a valuable handbook on the vertebrate life of the region, the present copy being an autographed one from the author to Dr. Casey Wood, with the remark that it is the first one given out!

1928. A distributional summation of the ornithology of Lower California. 8vo. pp. (2) + 300. 24 figs. (maps). T. of c. bibliogr. index. Berkeley.

An ample bibliography of 461 titles, pp. 247-86, is included to cover the ornithology of the district. (Author's reprint from *University of California Publications in Zoology*, 1928.)

******, DIXON, JOSEPH, and LINSDALE, JEAN M.**

1930. Vertebrate Natural History of Northern California through the Lassen Peak Region. 4to. pp. 5 + 594. 181 figs. T. of c. index. Berkeley.

This fine treatise, excellently illustrated, is an author's separate, forming Vol. 35 of the *University of California Publications*. Its source is chiefly the staff of the Museum of Vertebrate Zoology most of whom contributed to its production, and it will surely prove of great value to the advanced student of Pacific Coast biology.

GRONINGEN. Zoologisch Laboratorium.

1909-date. Onderzoekingen.

GRONOVIVS, LAURENTIUS THEODORUS [1730-77].

1754. Museum Ichthyologicum, etc. 2 vols. folio. illust. Lugduni Batavorum.

A well-known treatise—including an account of the amphibia. The copy in hand was Thos. Pennant's and has marginal notes by him.

1760. Bibliotheca regni animalis atque Lapidei, etc. 4to. pp. [ii] + 326. Lugduni Batavorum.

The copy of this rare work is in the Frank Adams Library.

GRÖNVOLD, HENRIK.

1890-1901. See ORIGINAL DRAWINGS. Southern Cross Antarctic Expedition.

1913. See ORIGINAL ZOOLOGICAL DRAWINGS, 1913.

****** and SWANN, HARRY KIRKE.**

[1915]-17. Illustrations of the game birds and water fowl of South America. 4to. pp. xi + (1) + 38 pl. (col.). London.

A series of 38 beautiful plates by Grönvold, originally intended to serve as a portion of the 400 illustrations of Brabourne and Chubb's *The Birds of South America*, 1912. The death of Lord Brabourne put a stop to that work when only one volume had been issued, and before any of the plates had appeared. Later, these plates appeared under the present title, with short explanatory notes by H. Kirke Swann, who had become responsible for their printing and publication. They were issued in two series, the first, consisting of 19 plates, appearing in 1915, and the remainder, with the above short notes, in 1917.

1924. [Original drawings of birds in black and white.] See ORIGINAL DRAWINGS.

1924. See BRITISH MUSEUM—NATURAL HISTORY.

1925. 15 preliminary sketches in monochrome and color; 20 finished water-color drawings of birds of prey (one 27 in. × 21 in.) used in illustrating Kirke Swann's *Accipitres*.

GROOS, K.

1900. The Play of Animals.

A popular and scientific study of the subject.

GROSER, HORACE GEORGE.

1909. The Book of Birds; An Album of Natural History. 4to. pp. 4 + 309. 47 pl. (12 col.). London.

GROSKURD, C. H. See SPARRMAN, A., 1784.**GROTE, HERMANN.**

1921-5. Aus der ornithologischen Literatur Russlands; Berichte und Übersetzungen. Nos. 1-5. Hefte I-V. 8vo. pp. 252. Halle (Saale).

These very scarce and valuable translations of important contributions to ornithology comprise such literature as is inaccessible to students unacquainted with the Russian language, in which they originally appeared. A fifth part was published as a Supplement to *Falco*, Feb. 1925.

GROTE, WILHELM [1835-1900].

1909. Die Süßwasserfische von Mittel-Europa, etc. 4to and folio. pp. 24 + 558. figs. in text. atlas. 31 col. pl. Frankfurt a/Main and Leipzig.

C. Vogt and B. Hofer collaborated with the author in preparing this work—one of the outstanding monographs on the freshwater fishes of Central Europe.

GROUSE.

1911. The grouse in health and disease. 2 vols. London.

GRUBE, ADOLPH EDUARD [1812-80].

1861. Ein Ausflug nach Triest und dem Quarnero; Beiträge zur Kenntniss der Thierwelt dieses Gebietes. 8vo. pp. 8 + 175. Berlin.

GRUNERT, PAUL [1876-].

1906. Der Beckengürtel und die hinteren Extremitäten von Eudytes Chrysochome. folio. pp. [4] + 20. pl. (Leipzig University thesis.) Roitzsch.

GUBERNATIS, ANGELO DE, Conte [1840-?1911].

1872. Zoological mythology; or the legends of animals. 2 vols. 8vo. Vol. I, pp. xxv + 432. T. of c. Vol. II, pp. vii + 442. T. of c. index. London.

In three parts, (1) Animals of the Earth, (2) Animals of the Air, (3) Animals of the Water.

GUÉNEAU DE MONTBEILLARD, PHILIBERT

[1720-85]. See BUFFON and others, 1749-1804.

→> Gaebbels, Franz. —. Der Vogel. I Band. ~~Bonn~~. Berlin.

Griewold, F. Gray. 1926. Fish Facts and Fancies. 800. illus. New York.

Grube, 1878. Beitrag zur Kenntnis d. Ammalidenfauna d. Philippinen. 15 pls.
Guarisoni. 1606. Perun naturalium libri quatuor. Frankfurt.
1506. Perun naturalium. 40. Frankfurt.

- Guenther, K. 1931. A naturalist in Brazil. Tr. by Bernard Miall. 800. p. 400 illus.
- Guerin, J. 1928. La vie des chonettes. Régime et croissance de l'effraye commune
(*Tyto alba alba* L.) en Vendée. 157p., 10 pl., 18 tabs.

→ Guerin - Méneville. (N.D.) Iconographie du Règne Animal de Cuvier
alla. Over 200 pl. Vertébrés. Lett. pp. 112
? Paris. N.D.

- GUÉRIN-MÉNEVILLE, FÉLIX EDOUARD**
[1799-1874].
1833-9. Dictionnaire Pittoresque d'Histoire Naturelle. 11 vols. 8vo. Paris.
1833-40. Magasin de zoologie. Collection de mémoires et descriptions. 80 fine col. pl. (20 of birds). Paris.
Of some value from the zoological viewpoint. Continued as the *Magasin de zoologie, d'anatomie comparée, &c.*, 1833-49.
1833-40. See MARTIN SAINT-ANGE.
1848. Énumération des Mammifères recueillis en Abyssinie. 8vo. See VOYAGES, FRENCH, EN ABYSSINIE, DANS LES PROVINCES DU TIGRÉ, etc., 1847-50. Paris.
- GUERNE, JULES DE.**
1888. Campagnes scientifiques du yacht Monégasque l'Hirondelle. Troisième année 1887. Excursions zoologiques dans les îles de Fayal et de San Miguel. (Açores.) 8vo. pp. 110. 1 pl. text illust. Paris.
- GUERNSEY, SARK, etc.;** a handbook for invalids, geologists, &c. See ANONYMOUS.
- GUICHENOT, ALPHONSE.**
1839-61. See SAGRA, RAMÓN DE LA, 1839-61.
This voluminous writer, contributor to many sectional records of scientific voyages and expeditions, is best known to the Compiler as collaborator in Ramón de la Sagra's classic treatises.
1841-54. See VOYAGES, FRENCH, AU PÔLE SUD.
1844-67. See EXPLORATION SCIENTIFIQUE DE L'ALGÉRIE.
1844-71. See GAY, CLAUDE. Historia física y política de Chile.
1850-9. See CASTELNAU, F. L., 1850-9.
1851. [Reptiles and Fishes of Abyssinia.] See VOYAGES, FRENCH, EN ABYSSINIE, 1845-51.
- GUIDE DU NATURALISTE.** 1879-85. Paris.
- GUIDE TO NATURE.** (Agassiz Association.) 1908-date. Sound Beach, Conn.
- GUILLEMARD, FRANCIS HENRY HILL** [1852-?1914].
1886. The cruise of the Marchesa to Kamschatka & New Guinea. With notices of Formosa, Liu-Kiu, and various islands of the Malay archipelago. 2 vols. 8vo. Vol. I, pp. xvii+284. front. (col.). 10 pl. 42 figs. 5 maps (col., 1 fold.). T. of c. 2 append. index. Vol. II, pp. xvi+399. front. (col.). 17 pl. 70 figs. 9 maps (8 col., 4 fold.). T. of c. 7 append. index. London.
A useful, systematic and popular account of the faunal life observed during this celebrated Voyage. A 2nd ed. appeared in 1889.
1887. See GREEN, J. F.
1889. The Cruise of the Marchesa, etc. 2nd ed. 8vo.
- GUILLOTEAUX, H.**
1913. Dans la Jungle.
- GULF BIOLOGIC STATION.** Cameron, La. 1902-10. Bulletin. (Wanting.)
- GULF FAUNA AND FLORA BULLETIN.** 1899? Ruston, La.
- GULL.** (Audubon Association of the Pacific.) 1919-30. 8vo. San Francisco.
This lively little journal, devoted to the activities of the Society of which it is the organ, has many notes on bird study and protection, especially as they relate to the Pacific Coast. A. S. Kibbe was (1921) President of the Association.
- GUNDLACH, JOHANNES** [1810-96].
1852. Original drawing book. 8vo. pp. 121+2. Cardinas, Cuba.
This interesting volume has about 67 spirited outline drawings of birds with a loose-leaf sketch of another taken from a letter addressed to Gundlach at Cardenas, Cuba, where he lived for many years, and postmarked 'Habana, 18 Oct. 1852'. The birds are in each instance given their English, Spanish, and zoological names. This item was secured for the E.S.W. Library through the courtesy of Dr. Chas. W. Richmond, and originally came from the library of Mrs. F. H. Knowles.
1873-6. Contribución a la ornithología Cubana. 4to. pp. 4+364. 2 append. index. Habana.
A descriptive, systematic catalogue of Cuban birds, with their local names. A German translation appeared in the *Journ. f. Ornithologie*, 1871-5, but without the two supplements. It is an important contribution to American ornithology. The copy in hand is from the Godman Library. This author has also contributed, to periodicals, authoritative monographs on Cuban mammals and reptiles.
- GUNNING, JAN WILLEM BOWDEWYN** [1860-] and **HAAGNER, ALWIN.**
1910. A check-list of the birds of South Africa. 8vo. pp. (2)+84. Pretoria.
(Supplement to the *Annals Transvaal Museum*, vol. II, July 1910.) This list contains the names of 920 species and subspecies of South African birds.
- **** and **ROBERTS, AUSTIN.**
1911. New records and descriptions of new species of birds in the Transvaal Museum collection. 8vo. pp. 10.
- GÜNTHER, ALBERT CARL LUDWIG GOTTHILF** [1830-1914].
1859-70. Catalogue of Fishes in the British Museum. London.
One of a famous series, indispensable to advanced students of ichthyology.
1864. The reptiles of British India. folio. pp. 27+452. illust. pl. See RAY SOCIETY. London.
1866. The Fishes of Zanzibar. See PLAYFAIR, ROBERT LAMBERT.
1869. The fishes of the Nile. See PETHERICK, JOHN. Travels in Central Africa.
1873-1910. Fische der Südsee. (Wanting.)
An excellent, comprehensive and systematic but all too brief treatise on the fishes of Oceania.
1877. Gigantic Land Tortoises in the British Museum (Nat. Hist.) 4to. London.
1878. See NARES, G. S.
1879. See ROYAL SOCIETY OF LONDON, 1879.
1879-1915. See GODMAN and SALVIN. Biologia Centrali-Americana, 1879-1915.
1880. (An) introduction to the study of fishes. 8vo. pp. 16+720. illust. Edinburgh.
A very important treatise on this general subject.
1880-95. See THOMSON, C. W. (Challenger Voyage), 1880-95.

GÜNTHER, A. C. L. G. (contd.)

[1881]. Account of the Zoological Collections made during the survey of H.M.S. 'Alert' in the Straits of Magellan . . . and Patagonia. 8vo. pp. 141. 11 pl. London.

Issued as a separate treatise from the *Proc. Zool. Soc. Lond.*, 1881. The mammals are described by O. Thomas, the birds by R. B. Sharpe, and the reptiles, batrachians, and fishes by A. Günther.

1881. A guide to the Gould collection of humming-birds in the British Museum. 8vo. pp. (2)+22. 1 pl. (map, col.). 4 figs. [London.]

A brief account not only of this collection, but of Humming-birds in general, of which there are about 430 different kinds, ranging from Sitka in North America to Tierra del Fuego in South America. The present collection consists of about 300 species, or 2,000 specimens, arranged in 66 glass cases, a list of which with short notes is given on pages 8-22.

1892. See PRATT, ANTWERP E.

GUNTHER, ROBERT WILLIAM THEODOR [1869-].

1925. Early science in Oxford. Vol. III, pt. I. The biological sciences; pt. II. The biological collections. 8vo. pp. xii+564. 64 pl., col. front. (the Dodo), and num. text-figs. index. Pub. for the subscribers, Oxford.

This is a valuable contribution to early faunal literature and museum history, the alumni and benefactors of the University having contributed greatly to these departments of natural science.

GUPPY, HENRY BROUGHAM [1854-?1924].

1887. The Solomon Islands and their natives. 8vo. pp. xvi+384. front. (map col.). 10 pl. 4 figs. T. of c. index. London.

Observations on the natural history of a group covering an area 600 miles in length.

1903-6. Observations of a Naturalist in the Pacific between 1896 and 1899. 2 vols. 8vo. illust. London and New York.

This is an instructive work on the natural history of the Pacific Islands. The Compiler, who spent ten months on the Fiji and neighboring groups, derived much benefit from a perusal of the author's pages.

GURLT, ERNST FRIEDRICH [1794-1882].

1849. Anatomie der Hausvögel. 8vo. pp. [2]+94. 5 pl. Berlin.

An early but well-written treatise on the anatomy of domestic fowl. From the library of Prof. Cabanis.

GURNEY, JOHN HENRY [1819-90].

1864. A descriptive catalogue of the raptorial birds in the Norfolk and Norwich museum. 4to. pp. 89. London.

CONTENTS. Pt. 1. Serpentariidae, Polyboridae, Vulturidae (no more pub.).

1872. Notes on the birds of Damara Land and the adjacent countries of South-west Africa. See ANDERSSON, C. J.

[1872]. A sketch of the collection of Raptorial birds in the Norwich museum. 12mo. pp. 62. London.

This rare but useful little pamphlet is not listed by Mullens or the *Br. Mus. Cat.*, but is mentioned in the *Cat. of the Lond. Zool. Soc.* The present volume is a presentation copy to R. B. Sharpe.

1884. A list of the diurnal birds of prey, with references and annotations: also a record of specimens preserved in the Norfolk and Norwich museum. 8vo. pp. 16+187. London.

A useful list, sufficiently described by the title. The present copy is a gift from the author to H. Kirke Swann.

GURNEY, JOHN HENRY, the Younger [1848-1922].

1867. A summary of the occurrences of the grey phalarope in Great Britain during the autumn of 1866. 8vo. pp. 24. London.

Inserted are several letters from Canon Tristram from whose library the present copy came.

1876. Rambles of a naturalist in Egypt and other countries. 8vo. pp. 6+307. London.

The copy in hand is from the library of R. H. J. Gurney with pencil notes on British birds.

1884. Catalogue of the birds of Norfolk. Reprinted from Mason's *History of Norfolk*. 12mo. pp. 47. London.

List of 285 species described.

****** and others.**

1885. The house sparrow. 8vo. pp. vi+(2)+70+16 (adv.). front. T. of c. London.

This little work comprises six articles dealing with the House Sparrow controversy in England and America, Elliott Coues among the contributors. The volume in hand is Canon Tristram's copy, from the Godman Library.

1887. On the misdeeds of the house-sparrow. 8vo. pp. 9. London.

1913. The gannet, a bird with a history. 8vo. pp. li+567. front. (map). 5 pl. (2 col.). 136 figs. T. of c. bibliogr. 5 append. index. London.

1921. Early annals of ornithology. 8vo. pp. 4+240. map. text-figs. London.

A valuable and well-known work, useful for the student of the history of ornithology.

GURNEY, ROBERT. 1925. See TURNER, EMMA L.

GUTHRIE, MARY J.

1927. Textbook of general zoology. See CURTIS, WINTERTON CONWAY.

GUTHRIE, WILLIAM [1708-70].

1815. A New Geographical, Historical and Commercial Grammar, etc. 2 vols. (Vol. II, Zoology.) Very rare. (Wanting.) See ORD, G., 1849. Phila.

GUTHRIE-SMITH, WILLIAM HERBERT.

1914. Mutton birds, and other birds. 8vo. pp. 12+200. 76 pl. Christchurch, N.Z.

A charming and popular account of *Puffinus griseus* and some other New Zealand birds.

1925. Bird life on island and shore. 8vo. pp. 19+195. 68 pl. Edinburgh.

1927. Birds of the Water, Wood and Waste. 2nd ed. 8vo. pp. 207. figs. in text. Wellington, N.Z.

GUY DE CHAULIAC. See CAULIACO, GUIDO DE and CHAULIAC, GUY DE.

GYLDENSTOLPE, NILS.

1913-16. Birds collected by the Swedish zoological expeditions to Siam, 1911-15. Pts. 1-2. 2 vols. folio. illust. Uppsala.

1916. Zoological results of the Swedish expedition to Siam, 1911-15, including Snakes, Lizards and Batrachians.

GYLLING, OLOF.

[1920]. Nordens fåglar; med text sammandragen efter L. A. Jägerskiöld och Gustaf Kolthoff av

Gusser. M.F. 1931. Animal ~~books~~ biology. 7++p.

Georgefrye, 1869. Friends in fur and feathers. front, illus.

Gyldenstoepe, Mils. 1921. Birds of the Swedish expedition to Central Africa in 1921.
map, pls.

→ Haacke, W. 1893. Die Schöpfung der Tierwelt. 8vo, map, 20 col. pls., 469 illus., Leipzig.

→ Haeckel, E. 1872. Natürliche Schöpfungsgeschichte, dritte auflage. 8vo. pls. Berlin.
1903. Anthropogenie oder Entwicklungsgeschichte des Menschen.
5th ed., 2 v. 8vo.
1909. Aus Inseln und Malayische Reisebriefe. 2^d ed. 8vo. pls., maps
Leipzig.

→ Birds of Egypt.

→ Handbook of the birds of Iceland.

→ Birds of the Philippines. London.

Reinhold Ericson. *folio*. pp. (4)+58. 165 pl. (col.).
index. Stockholm.

This atlas of colored plates represents the birds very artistically in their natural surroundings. Swedish, Danish, Norwegian, and occasionally Lapp names are given in addition to the specific synonyms.

GYLLIUS, PETRUS. See GILLIUS, PETRUS.

HAACKE, JOHANN WILHELM. 1890. See BREHM, A. E., 1890-3.

→ **** and **KUHNERT.**

1901. Das Thierleben der Erde. 3 vols. 120 col. pl.
Berlin.

HAAGNER, ALWIN KARL [1880-] and **IVY, R. H.**

1908. Sketches of South African bird-life. 8vo. pp. xxiv+181. front. 90 pl. (2 eggs). 16 figs. 1 diagr. 2 indexes. London.

A popular account of the birds of South Africa, with a systematic index showing the relative position of any given species in ornithological classification.

1908. The South African birds of prey: their economic relations to man. Pamphlet no. 1. Bird Protection Committee, South African Ornithologists' Union. 8vo. pp. 23. 9 figs.

1910. A check-list of the birds of South Africa, &c. See GUNNING, J. W. B.

1920. South African mammals. A short manual for the use of field naturalists, sportsmen and travellers. 8vo. pp. xx+248. illust. London.

HAAN, WILLEM DE [1801-55].

1833. Fauna Japonica. 3 vols. folio. pl. Lugduni Batavorum.

One of the collaborators with P. F. Siebold and C. J. Temminck in the production of this fine treatise on Far Eastern fauna.

HAARLEM, Musée Teyler.

1866-80. Archives. Series 1.

1881-1911. Archives. Series 2.

1912-date. Archives. Series 3.

HABANA.

1865-date. Anales d. Academia de ciencias medicas, sicas y naturales. See ACADEMIA DE CIENCIAS . . . HABANA.

HABITS OF BIRDS. See ANONYMOUS. [Domestic?] habits of birds.

HACHISUKA, MASAUJI.

1925. A comparative hand list of the birds of Japan and the British Isles. 4to. pp. 6+107. index. Cambridge.

A list not only of Japanese birds but a comparison with them of many similar British birds.

1928. Variations among birds (chiefly game birds). Heterochrosis, Gynandromorphs, Aberration, Mutation, Atavism and Hybrids. 8vo. pp. vii+85. front. (col.). 23 pl. (3 col.). T. of c. bibliogr. 2 indexes. [Tokyo].

The purpose of this work is to bring together scattered notes on specimens exhibiting unusual plumage or structural characteristics.

1929-30. Contributions to the birds of the Philippines. Nos. 1 and 2. 2 pts. 8vo. pp. 10+222. 3 pl. Tokyo.

These valuable observations were contributed to the *Trans. of the Ornithological Society of Japan* as supplements 13 and 14.

HÄCKER, VALENTIN [1864-].

1896. Vogelwelt des südlichen Badens. Freiburg.

1900. Der Gesang der Vögel, seine anatomischen und biologischen Grundlagen. 8vo. pp. vii+102. 13 illust. in text. index. Jena.

An important, scientific essay on the song and vocal apparatus of birds.

HADLEY, ALDEN H.

1927. Audubon Bird Cards. New Colored Drawings by Allan Brooks. Prepared under the supervision of Frank M. Chapman. 12mo. 50 pictures postcard size. New York.

These useful and popular portraits of common winter birds of Eastern North America are extremely well done. The reverse side of the cards carry a brief account by the author of the habits and distribution of the species represented.

HAECKEL, ERNST HEINRICH [1834-1919].

1868. Natürliche Schöpfungs-Geschichte. 8vo. pp. 16+568. 9 pl. Berlin.

This classic treatise under its English (translation and) title, *The Natural History of Creation*, might, as the author says, be properly entitled 'The History of Development', or the 'Evolution of Nature'.

1870. Das Leben in Meerestiefen. Berlin.

An interesting tractate by a famous naturalist.

→ 1893. Zur phylogenie der australischen fauna. (Abdruck aus Semon, Zoologische forschungsreisen in Australien und dem Malayischen archipel.) folio. pp. 24. (Jenaische denkschriften, iv.) Jena.

Presentation copy from author, with autograph.

1894-6. Systematische Phylogenie. Entwurf eines natürlichen Systems der Organismen auf Grund ihrer Stammesgeschichte. 3 vols. 8vo. Berlin.

Sub-title of the third volume is 'Systematische Phylogenie der Wirbelthiere (Vertebrata)'.

[1904]. Kunstformen der Natur. folio. (Bibliographisches Institut.) 3 vols. pl. Leipzig.

1910. Last words on Evolution. English translation. London.

HAENEL, KARL.

1913. Unsere heimischen Vögel und ihr Schutz. 8vo. pp. 4+228. 8 col. pl. 59 text-figs. T. of c. index. Würzburg.

A useful handbook on the protection, home care, and culture of German birds. The present copy is from the Cabanis-Reichenow collection.

HAGEDOORN, AREND LOURENS [1880-].

1921. The relative value of the processes causing evolution. 8vo. pp. [4]+294. illust. The Hague.

HAGELBERG, W.

1879-81. Zoologischer Hand-Atlas. Vögel. 8vo. pp. [60]. 285 col. figs. on 24 pl. T. of c. index. Berlin.

One of many German treatises written in popular style on selected species of birds of the world. The colored figures of birds, each about 1 x 1 1/4 inches and embossed on heavy paper, are pasted in numbered spaces provided for them. Both the vulgar and systematic names are printed under each figure. The complete series was published in five vols., the above title relating only to Aves.

HAGEMAN, Rev. MILLER.

1905. Bird songs; a poetical ornithology. folio. pp. 31. index.

An incomplete, unpublished manuscript of 167 poems. The present

[HAGEMAN, Rev. M. (conld.)]

set is a mimeographed copy of every fifteenth poem of the series of 167, the music accompanying each poem being transcribed by a system of musical shorthand patiently developed by the author. Attached is a letter from the author's son to Dr. Casey Wood presenting the above set together with the additional poem No. 58 on the Nightingale.

HAGEN, WERNER.

1913. Die Vögel des Freistaates und Fürstentums Lübeck. 4to. pp. [4]+166. index. Berlin.

A carefully prepared, systematic description of 267 species of birds. The monograph is supplied with a voluminous bibliography. The copy in hand is bound with the original wrapper and was in Prof. Reichenow's library.

HAGENBECK, CARL [1844-1913].

1909. Beasts and men, being . . . experiences for half a century among wild animals; tr. by H. S. R. Elliot and A. G. Thacker, with an introduction by P. C. Mitchell. 8vo. pp. xiii+299. 32 pl. 67 figs. T. of c. index. London.

HAGENMÜLLER, PAUL-OCTAVE. 1872. See CARUS, J. V.**HAGERUP, ANDREAS T.**

1891. The birds of Greenland. Tr. from the Danish by Frimann B. Arngrimson. Ed. by Montague Chamberlain. 8vo. pp. viii+62. Boston.

Of the 139 species enumerated in this monograph one is extinct, 53 are accidental visitors, and 24 are very rarely seen.

HAHN, CARL WILHELM [d. 1836] and KÜSTER, H. C., eds.

[1818]-50. Voegel aus Asien, Afrika, Amerika und Neuholland. 4to. 120 pl. (116 col.). Nürnberg.

The present collection of 20 parts (1818-31), a very rare atlas of hand-colored plates of birds, formerly belonged to the Godman Library. It has the title-page of the reissue of 1850, but contains all the parts that were published to that date, with the original covers, notices to subscribers, &c., bound in. See the *Zimmer-Ayer Cat.* for a complete description of this important work. A reprint appeared in 1850.

1830. See REIDER, J. E. and HAHN, C. W., 1830-5.

1834. Naturgetreue Abbildung und Beschreibung der aussereuropäischen Vögel. Erste Abtheilung. Papageien. 8vo. pl. Nürnberg.

**** and **KÜSTER, H. C.**

1834-41. Ornithologischer Atlas . . . der aussereuropäischen Vögel. 17 Hefte (all pub.). 8vo. 136 col. pl. Nürnberg.

A very scarce atlas of birds of the world, well illustrated by a large (unfinished) series of colored plates.

1850. Voegel aus Asien, Afrika, Amerika und Neuholland. 20 pts. 7 col. pl. Nürnberg.

Second, inferior edition of the rare *editio princeps*, 1818-50.

HAIN, L.

1826-38 [1891-1895-1902]. Repertorium bibliographicum, etc. indexes. Lipsiae. Stuttgart. London.

The McGill libraries are provided with copies of all these works of reference, so well known to bibliographers and advanced students and so necessary to every good library.

1925. Repertorium bibliographicum, etc. Neudruck. 4 vols. Berlin.

Reprint of this famous work of reference.

HAINES, CHARLES REGINALD.

1907. Notes on the birds of Rutland. 8vo. pp. 48 +175. 8 pl. (1 col.). map. 1 fig. in text. London.

A subscription work on local birds which are systematically treated.

HAKLUYT, RICHARD [1553-1616].

1903-5. The principal navigations, voyages, traffiques & discoveries of the English nation, made by sea or over-land to the remote and farthest distant quarters of the earth at any time within the compass of these 1600 yeeres. 12 vols. 8vo. Vols. I-XII, pp. cclxxiv+5,677. 11 front. (portr.). 94 pl. (maps, etc.). 12 T. of c. 2 indexes. Glasgow.

The first edition of Hakluyt's *The principal Navigations, etc., within the compass of 1,600 Yeeres*, was printed in London in 1589 in 1 vol. folio, with a second edition revised and enlarged in 3 vols. folio in 1598, 1599, and 1600. The text of the present edition is an exact reprint of the 1598-1600 printing with a few minor alterations and corrections.

1926. The principal navigations, voyages, traffiques and discoveries of the English nation, etc. 8 vols. 12mo. Vols. I-VIII, pp. cii+3,172. T. of c. index. London.

The present edition forms various numbers of 'Everyman's Library' edited by Ernest Rhys. The text is that of the complete reprint in 12 volumes, 1903-5.

1927-8. (The) principal navigations, voyages, traffiques & discoveries of the English nation, etc., with an introduction by John Masfield. 10 vols. 8vo. Vols. I-X. pp. cxxvi+4,048. 10 front. (portr.). 130 pl. (maps, etc.). 10 T. of c. append. 2 indexes. London.

The text is that of the reprint in 12 vols., 1903-5.

1927. Hakluyt's Principal Navigations. Introd. by John Masfield. 8 vols. 400 pp. each. illust. London.

Perhaps the cheapest edition of this famous work.

HAKLUYT SOCIETY.

1847-date. The exceedingly important publications of this famous organization contain many volumes of great value and interest to biologists. A considerable number of these publications, separately listed, are in the zoological libraries of McGill University.

HALES, BENJAMIN JONES [1868-].

1927. Prairie birds. 12mo. pp. xv+334. front. 4 pl. (col.). 89 figs. T. of c. index. Toronto.

Written from a personal experience of almost thirty years' residence at Brandon, Manitoba, the text relating chiefly to the bird life of that region. Keys to orders and families, with descriptions of species, status, and habits, aid in identification, make a useful manual and work of reference.

HALIFAX NATURALIST.

1896-1904. Nos. 1-49 (all pub.).

HALL, CHARLES ALBERT [1872-].

1925. The open book of nature. 3rd ed. 8vo. pp. vii+248. 32 pl. (3 col.). 53 figs. T. of c. glossary. index. London.

HALL, F. G. 1928. See PEARSE, A. S.

HALL, JAMES NORMAN [1887-] and NORDHOFF, C. B.

1921. Faery lands of the South seas. pp. (10)+354 + (1). front. 29 pl. T. of c. New York. Includes references to the natural history of Polynesia.

HALL, JOHN CHARLES [1816-76].

1841. Interesting facts connected with the animal kingdom. 8vo. pp. xvi+301. front. 3 pl. (1 fold.). T. of c. London.

Haldane J.B.S. and Huxley, Julian.

1927.

Animal biology

An attractive English work

arranged on the basis of biological

functions. 324 pp.

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^ See Roesel von Rosenhof, p. 541.

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HALL, ROBERT [1867-].

[1899]. A key to the birds of Australia and Tasmania with their geographical distribution in Australia. 8vo. pp. 10+116. map. glossary. indexes.

The first edition of a systematic list with very little descriptive matter. The present copy is from the library of P. L. Sclater, to whom it was presented by the author.

[1906]. A key to the birds of Australia with their geographical distribution. 2nd ed. pp. xii+124. map. Melbourne.

1907. The useful birds of southern Australia, with notes on other birds. 8vo. pp. 16+306. map. illust. index. Melbourne.

1922. Australian bird maps. 12mo. pp. 220. 3 pl. 101 maps. index. Hobart.

**** and **GILLIES, W.**

n.d. Nature studies in Australia, &c. See GILLIES, W.

HALLE. Naturwissenschaftlicher Verein fuer Sachsen und Thüringen.

1856-61. Abhandlungen 1-2 (all pub.).

1862-1930. New Series (no issues 1914-18).

(?)1840-97. Bericht 1-50 (all pub.).

1848-52. Jahresbericht 1-5 (all pub.).

1911-20. Mittheilungen (all pub.).

HALLE. Zoologischer Garten.

1905-20? Mittheilungen.

HALLER, ALBRECHT VON [1708-77].

1755. Sull' insensibilità e irritabilità di alcune parti degli animali. 4to. pp. 30+220. Roma.

Produced with the help of Zimmerman and Castell and translated into Italian by P. G. V. Petrini.

1758. Historia Naturalis Ranarum. folio. pp. 115. many col. pl. In Latin and German. Nürnberg.

A very rare treatise (to which Haller has written a preface), most of the text by A. J. Roesel von Rosenhof.

1762. Opera minora emendata, aucta et renovata, etc. 3 vols. 1762-8. illust. Lausanne.

The lesser works of this naturalist, in the *Bibliotheca Osleriana*, with many titles that are often published separately. See e.g. the *Cat. Br. Mus. Nat. Hist.*, pp. 774-5.

1780. Verhandeling over de hersenen d. vogelen en visschen. pp. 100. (?) Leiden.

A treatise in Dutch on ornithology and ichthyology by a famous naturalist, issued after his death. The present tractate is quite rare.

HALLIDAY, W.

[1909]. The book of migratory birds met with on Holy Island and the Northumbrian coast, to which is added descriptive accounts of wild fowling on the mud flats. 8vo. pp. 258. 28 pl. T. of c. London.

Popular chapters on birds and so-called 'sport'. The writer describes the barbaric practices of bird killing in language one encounters so frequently in this type of book: 'Three mallards rise from a dyke. "Bang" "quack". A twist and turn of their necks and bodies tells that they have been hit, but they do not fall. No, they do not fall but, after suffering hours of pain, probably die from drowning while the gentleman(?) who brutally wounded them goes home to a warm bed.

[1922]. Wild birds and their haunts (a book for students and sportsmen); with a foreword by Gene Stratton-Porter, and an introduction by W. Percival Westell. 8vo. 22½ cm. pp. 302. 32 pl. T. of c. index. Autographed copy. London.

HALLOCK, CHARLES [1834-?1903].

1876. Camp life in Florida; a handbook for sportsmen and settlers. 12mo. pp. vi+348. T. of c. [New York.]

A compilation from *Forest and Stream*, the records of two expeditions sent by the magazine to explore southern Florida.

HALLOWELL, EDWARD.

1853. See UNITED STATES, 1853.

1855. See UNITED STATES PACIFIC RD. SURVEY.

HALY, AMYRALD.

[1887?]. First report on the collection of birds in the Colombo Museum. 8vo. pp. 80. append. bibliogr. Colombo.

A list of 360 species from Ceylon, compiled from W. V. Legge's *Birds of Ceylon*, 1880.

HAMBURG.

1897-1903. Bericht d. ornithol.-oölog. Vereins zu Hamburg. I. u. II.

HAMBURG. Museum Godeffroy.

1873-1910. Journal des Museum Godeffroy. Geographische, ethnographische und naturwissenschaftliche mittheilungen. Vols. 1-[6] (hft. 1-17). folio. Hamburg.

A famous magazine of natural history, with many colored plates. The first part contains a plate of pigeons of the genus *Ptilinopus* of the South Sea Islands. In the eighth part there is a paper by Otto Finsch on the birds of the Pelew Islands with five colored plates by J. G. Keulemans, and in the twelfth part another paper by Finsch on birds of South Sea Islands, with colored plates.

HAMBURG. Naturhistorisches Museum (founded 1843).

1856-1930. Abhandlungen.

1875-1930. Verhandlungen.

This celebrated museum has issued many series of periodicals and numerous monographs.

HAMBURG. Naturwissenschaftliche Verein.

1846-date. Abhandlungen.

1871-date. Verhandlungen (4 series).

HAMBURG. Zoologischer Garten.

1921-date. Bericht.

See also ZOOLOGISCHE GESELLSCHAFT, HAMBURG.

HAMBURG. Zoologisches Staatsinstitut und Zoologisches Museum.

1882-date? Jahresbericht.

HAMERTON, PHILIP GILBERT [1834-94].

1874. Chapters on animals. 8vo. pp. (8)+252. front. 19 pl. T. of c. London.

1883. Chapters on Animals. 4th ed. 8vo. 8 etchings. London.

1893. Chapters on animals. 8vo. pp. (6)+253. front. 7 pl. Boston.

HAMILTON, AUGUSTUS.

1880-95. See THOMSON, C. W. (Challenger Voyage).

1896. Deep-Sea Fauna of New Zealand. 8vo. pp. 29. 1 map. Wellington, N.Z.

Extracts from the Report of the Challenger Expedition.

1909. Hand-list of birds inhabiting New Zealand. 8vo. pp. 19. 1 fig. Wellington, N.Z.

MS. notes (by Mr. Falls, in pencil) indicate the number and character of examples in the Auckland Museum.

HAMILTON, C. M.

[1920]. Why Saskatchewan believes in bird protection. See CANADA. DOMINION PARKS BRANCH.

HAMILTON, DAVID WILEY [1878-]

[1918]. Nature-study lessons . . . Primary teachers' manual. 2 vols. 12mo. Vol. I, pp. xxix+191. 127 figs. T. of c. Vol. II, pp. xxix+229. 129 figs. T. of c. bibliogr. Montreal.

Matter relating to birds will be found scattered throughout both books under the headings for each month of the year.

HAMILTON, EDWARD [1815-1903].

1890. The river-side naturalist. 8vo. pp. xvii+(1)+401. 206 figs. T. of c. index. London.

1896. The wild cat of Europe. (Felis catus.) 4to. pp. 21+99. pl. London.

HAMILTON, FRANCIS, formerly BUCHANAN [1762-1829].

1822. An account of the fishes found in the river Ganges and its branches. 4to and folio. pp. 7+405. atlas. 39 pl. Edinburgh.

An early and important contribution to the study of East Indian fishes.

HAMILTON, JAMES STEVENSON- [1867-]

1929. The Low-Veld: its wild life and its people, with foreword by Lt.-Gen. J. C. Smuts. 8vo. pp. 12+228. illust. maps. Author's letter inserted. London.

HAMONVILLE, JEAN CHARLES LOUIS TARDIF D' [1830-99].

1876. Catalogue des Oiseaux d'Europe ou énumération des espèces et races d'oiseaux, etc. 8vo. pp. 6+73. Original wrapper dated 1876.

Paris and London.

A useful catalogue of the systematic and vulgar names (genera and species) of the birds of Europe with their geographical distribution. Several names new to science are here given. The present copy is from the library of Prof. Reichenow with a few MS. notes.

HAMPSHIRE FIELD CLUB AND ARCHAEOLOGICAL SOCIETY.

1885/9-date. Papers and Proceedings.

1908-11. Shore memorial volume. Hampshire papers on natural history. By T. W. Shore and G. W. Minns. 8vo. pp. 8+392. portr. Southampton.

HAMPSTEAD SCIENTIFIC SOCIETY.

1902-date. Report of Council and Proceedings. Hampstead, London.

HAMY, ERNEST THÉODORE JULES [1842-1908].

1908. Les Débats de Lamarck, etc.

HANAU, ARTHUR.

[?1881]. Beiträge zur Histologie der Haut des Vogelfusses. folio. pp. 24+2. 2 pl.

Frankfurt a. M.

On the minute anatomy of the dermal covering of the feet in birds.

HANAU. Wetterauische Gesellschaft für die gesammte Naturkunde.

1809-19. Annalen. Bd. I-IV.

1858. Naturhist. Abhandlungen. Eine Festgabe. 8vo. pp. 12+392.

1908. Festschrift zur Feier des hundertjährigen Bestehens. 8vo. pp. 149.

HANCOCK, JOHN [1808-90].

1847. History of British birds. See BEWICK, T.

[1874]. A catalogue of the birds of Northumberland and Durham. 8vo. pp. 174. 13 pl. index.

London.

A descriptive, local list of 265 birds.

HANCOCK, THOMAS [1783-1849].

1824. Essay on instinct, and its physical and moral relations. 8vo. pp. xi+551. T. of c.

London.

HANDELINGEN van het nederlandsch natuur en geneeskunding congres. 1-19.

1887-1923. 17 vols. Haarlem.

HANDWÖRTERBUCH der zoologie, anthropologie und ethnologie. Herausgegeben von G. Jäger und A. Reichenow.

1880-1900. 8 vols. 8vo. illust. Breslau.

HANF, P. BLASIUS.

1883. Die Vögel des Furtteiches und seiner umgebung. 2 vols. 8vo. pp. 101. (Pt. 1.) pp. 94. index. (Pt. 2.) Graz.

Specially wrapped author's excerpts, of an important, systematic review of the birds of Mid-Southern Europe. Both the local and zoological names, habits, distribution, &c., are given of 246 indigenous species and 100 visitors. The copy in hand is a presentation from the author to Professor Blasius.

1904. Pfarrer P. Blasius Hanf als Ornitholog. See SCHAFFER, P. A.

HANIEL, CURT B.

1914-date. Zoologie von Timor . . . 1911 . . . Timor-Expedition. 1 vol. (2 Lief.) 4to. Stuttgart.

The reports of this natural history exploration of the Lesser Sunda group of the Malay Archipelago were intended to cover the whole range of the zoology of the islands (and more) but the McGill libraries have so far seen only two Lieferungen. Lief. I, pp. 6+112, 1 col. pl., 1914, entitled *Die Avifauna von Timor*, by C. E. Hellmayr, written in the usual finished manner of that naturalist; also *Die Säugetiere von Timor*, by Ernest Schwarz. Probably the work was interrupted by the World War.

HANOI, INDO-CHINA. Mission Scientifique Permanente d'Exploration en Indo-Chine.

1906. Décades Zoologiques. Mammifères.

1905-7. Décades Zoologiques. Oiseaux.

1906. Décades Zoologiques. Reptiles.

HANOVER. Naturhistorische Gesellschaft.

1850-1930. Jahresbericht.

HANOVER. Niedersächsischer zoologischer Verein.

1910-19. Jahresbericht 1-10. 8vo. illust. (All pub.) Hanover.

HANSEN, HANS JACOB [1855-]

1878-1907. See ZOOLOGIA DANICA.

HANSON, NICOLAI [-1899].

1902. Report on the collections of natural history made in the Antarctic regions during the voyage of the 'Southern Cross'. See SOUTHERN CROSS, BR. MUS. NAT. HIST., 1902.

HANTZSCH, BERNHARD.

1905. Beitrag zur Kenntnis der Vogelwelt Islands. 8vo. pp. 4+341. 26 text-figs. 1 pl. T. of c. index. Berlin.

This useful work begins with a review of Icelandic natural history and a bibliography, followed by a full description of the avifauna (synonymy, range, &c.), with the native, English, German, Scandinavian, and systematic names of the birds.

← Hancock. Fasciculus 2 eight drawings.

← Handwörterbuch der Naturwissenschaften. 1912-15. 10 vols. illus., col. pl. Jena.
← Handelsmann, A. 1921. Osteologie et myologie du bassin et des membres
postérieurs des oiseaux. 212 p., 16 pl.

→ Hammer-Purgstall. Falkner Klee. Wien, 1840. Very rare.
→ Hampe, Karl. Fredener II. Falcory. 1919.

Harbour. Thomas. Birds of Cuba. 1923

→ Harscus, William. 1876. South Australia, its history, resources and productions. London.

→ Hart, I. B. 1923. *Makers of Science*. pp. 320. Oxford.

→ Harroworth. 1910-11 Harroworth Natural History. a complete survey of the Animal Kingdom. 3 Vols., impl. 8vo., with 8 plain and 14 coloured plates, and text illustrations.

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Harold. G. G. ¹⁹³⁴_^ Birds of Nunivak Island.
Pacific Coast Avifauna. ~~1934~~ →

1929. Contribution to the knowledge of the avifauna of north-eastern Labrador. 8vo. pp. 2+71. 2 figs. [Ottawa.]

A translation by Mr. and Mrs. R. M. Anderson, from the *Journal für Ornithologie*, 1908, and reprinted from the *Canadian Field-Naturalist*. The present copy is an autographed presentation from the translators.

HARDCASTLE, ELLA and **KNIGHT**, C. R. [c. 1909]. Birds of the world for young people. See **KNIGHT**, C. R.

HARDING, ARTHUR ROBERT [1871-]. [?1915]. Ferret Facts and Fancies. 12mo. pp. 214. *illustr.* Columbus, Ohio. Practical instructions in breeding these animals for their fur.

HARDWICKE'S SCIENCE GOSSIP FOR STUDENTS, etc. 1865-93. See **SCIENCE GOSSIP**. London.

HARINGTON, HERBERT HASTINGS. 1909. The birds of Burma. 8vo. pp. (6)+134. T. of c. Rangoon. The majority of these notes originally appeared in the *Rangoon Gazette*.

HARLAN, RICHARD [1796-1843]. 1825. Fauna americana; being a description of the mammiferous animals inhabiting North America. 8vo. pp. 318. Philadelphia. An early and important work.

HARLEY, JAMES. See **MACGILLIVRAY**, WILLIAM, 1837-52.

HARMER, SIDNEY FREDERIC. 1895-1909. The Cambridge Natural History . . . edited by S. F. Harmer and A. E. Shipley. 10 vols. 8vo. London.

The vols. devoted to vertebrate zoology have been separately noted under their various authors. These are Amphibia and Reptiles, pp. 12+668, col. maps, text-figs., 1901, by H. Gadow; Birds by A. H. Evans, pp. 16+635, *illustr.* in text, 1902; Mammalia by F. E. Beddard, pp. 12+605, *ill.* text, 1902—all systematic treatises concisely arranged and of decided value.

HARPER, FRANCIS. 1920. Okefinokee Swamp as a Reservation. Author's reprint from *Natural History*, vol. xx, pp. 28-41, *illus.*

HARRIS, HARRY [1878-]. 1919. Birds of the Kansas City region; with an introduction by Ralph Hoffmann. 8vo. pp. (2)+57. 4 maps. *index.* Kansas City. Author's reprint from the *Trans. Acad. of Science*, St. Louis, 1919.

HARRIS, HENRY E. 1901. Essays and photographs. Some birds of the Canary Islands and South Africa. 8vo. pp. xiv+212. 55 pl. map. T. of c. *index.* London.

HARRIS, THADDEUS MASON [1768-1842]. 1833. A Dictionary of the natural history of the Bible. New ed. 12mo. pp. xxiv+350. 151 figs. *index.* London.

HARRIS, WILLIAM CORNWALLIS [1807-48]. 1840. Portraits of the Game and Wild Animals of southern Africa, etc. folio. 26 col. pl. 1 map. London.

This is the (rare) first issue of the first edition with the vignettes (animal horns, &c.) that were removed from the later printing. It is an important contribution to the subject in hand.

HARRY, S. G. and **GOSSARD**, H. A. [1912]. Some Ohio birds, &c. See **GOSSARD**, H. A.

HART, HENRY CHICHESTER. ca. 1890. Animals mentioned in the Bible. *illustr.* London.

1891. Some account of the fauna and flora of Sinai, Petra, and Wady 'Arabah. 4to. pp. x+255. 12 pl. 1 map (col. fold.). T. of c. *index.* London.

1896. Les Animaux de la Bible. Traduit. 8vo. Paris.

HARTENFELSS, GEORGIUS CHRISTOPHORUS PETRUS AB. 1715. Elephantographia curiosa, etc. 4to. front. 27 tab. (Rare.) Breslau.

HARTERT, ERNST JOHANN OTTO [1859-]. 1891. Katalog der Vogelsammlung im Museum der Senckenbergischen Gesellschaft in Frankfurt-am-Main. 8vo. pp. 22+[2]+259. Frankfurt-a-M. This list, to which are appended many footnotes and other descriptive matter, is a useful catalogue of a large collection, numbering many thousands of birdskins and skeletons, well known to ornithologists. It is among the first publications of a celebrated and indefatigable worker.

1892. See **SALVIN**, O.

1897. Podargidae, Caprimulgidae und Macropterygidae. 4to. pp. 8+98. *illustr.* Berlin. Author's reprint.

1901-2. Aus den wanderjahren eines naturforschers. Reisen und forschungen in Afrika, Asien und Amerika. 4to. pp. 13+329. 13 pl. Berlin.

1902-20. See **VICTORIA HISTORY OF THE COUNTIES OF ENGLAND**.

1903-23. Die Vögel der paläarktischen Fauna. Systematische Übersicht der in Europa, Nord-Asien und der Mittelmeerregion vorkommenden Vögel. 3 vols. 4to. 268 figs. in text. Berlin and London.

This well-known, thorough, comprehensive and indispensable study of palaeartic birds was issued in 19 parts, with several supplements. Collation of the three volumes is as follows: Vol. I, pp. xlix+832, 134 text-figs. Vol. II, pp. xxiv. 833-1764. Text-figures 135-256. Vol. III, pp. xii+1765-2328. Figs. nos. 257-68.

1905-14. Genera Avium. See **WYTSMAN**, P.

1911-13. The British bird book, &c. See **KIRKMAN**, F. B. B.

1912. A hand-list of British birds, with an account of the distribution of each species in the British Isles and abroad, by Ernst Hartert and others. 8vo. pp. xii+237. *index.* London.

1913. Expedition to central western Sahara. 4to. pp. 163. pl. London. Author's excerpt, from *Novitates zoologicae*, Feb. 1913.

1923. Die Vögel der paläarktischen Fauna. Systematische Übersicht der in Europa, Nord-Asien und der Mittelmeerregion vorkommenden Vögel. Nachtrag, No. I. 4to. Berlin. The first (German) supplement to the monograph of the same title, 1903-23.

n.d. Ueber eine kleine Vogelsammlung aus der Provinz Preanger in West-Java. 8vo. pp. 11.

On a small collection of bird-skins from West Java. Supplementary to Horsfield's *Zoological Researches in Java*. From the Reichenow-Cabanis collection of the E.S.W. Library.

HARTFORD NATURAL HISTORY SOCIETY.

1836. Transactions. No. 1 (all pub.) pp. 91. col. pl.

HARTING, JAMES EDMUND [1841-?1913].

1866. The birds of Middlesex. 8vo. pp. 16+284. 1 pl. London.

1871. The birds of Shakespeare; critically examined, explained, and illustrated. 8vo. pp. xxii+321. 33 figs. T. of c. append. index. London.

1871. The ornithology of Shakespeare. 8vo. pp. xxii+321. 33 figs. T. of c. append. index. London. This edition differs in no way from that of the same date, except in the title.

1871. Hints on shore shooting; with a chapter on skinning and preserving birds. 8vo. pp. 6+88. London.

A short treatise on the most comfortable and effective method of murdering certain water birds, redeemed somewhat by directions how to preserve the skins of a few of them for scientific purposes.

1872. A handbook of British birds showing the distribution of the resident and migratory species in the British Islands with an index to the records of the rarer visitants. 8vo. pp. xxiv+198. index. London.

Another revised edition (with 35 colored plates) by Schlegel was issued in 1901.

1875. The fauna of the Prybilov Islands. Abridged from the *Report on the Prybilov group or Seal Islands of Alaska*, by Henry W. Elliott; with an appendix on the ornithology by Dr. Elliott Coues (Washington, 1873). Reprinted from the natural history columns of *The Field* for private circulation. 8vo. pp. 38. London.

1875. Our summer migrants. 8vo. pp. 10+336. 37 text-figs. London.

The first edition of a deservedly popular work. It has appeared in at least three additional printings. The copy in hand was a present to Osbert Salvin from the author.

1877. Ostriches and ostrich farming. See MOSEN-THAL, J. DE.

1880. British animals extinct within historic times; with some account of British wild white cattle. 8vo. pp. vii+258. illust. London.

1880. The birds of Cornwall and the Scilly islands. See RODD, E. H.

**** and **ROBERT, L. P.**

1880. Glimpses of bird life portrayed with pen and pencil. folio. pp. 6+[40]. 20 col. pl. 43 cuts. London.

A sumptuous volume whose text, written in popular style, is intended to act as a foil for the illustrator's fine pictures.

1883. Essays on sport and natural history. 8vo. pp. x+485. 32 figs. T. of c. index. London.

1883. Sketches of bird life from twenty years' observation of their haunts and habits. 8vo. pp. xii+292. 10 pl. 29 figs. T. of c. index. London.

1884. Hints on the management of Hawks, ~~etc.~~ 8vo. pp. 48. text-figs. (Wantings) London.

Written, about 1575, by an authority on falconry, ancient, medieval and modern. Harting's *Bibliotheca accipitraria*, Lond., 1891, gives a complete bibliography, with notes, glosses, &c., on the (universal) employment of birds to catch birds.

1890. The natural history and antiquities of Selborne. See WHITE, Rev. GILBERT.

1891. *Bibliotheca Accipitraria*. pp. 19+289. pl. London.

This volume gives the most complete bibliography of falconry, and is, on the whole, the most useful annotated work of its kind. There are many reproductions of illustrations from the works quoted, and numerous notes of value to students.

1891. See BERT, EDMUND, 1891.

1898. Hints on the management of hawks. 2nd ed.; to which is added practical falconry chapters historical and descriptive. 8vo. pp. viii+268. 10 pl. 42 figs. T. of c. index. London.

1906. Recreations of a naturalist. 8vo. pp. 433. 83 figs. T. of c. index. London.

HARTING, PIETER [1812-85].

1864. L'appareil épisternal des oiseaux. (Société des arts et sciences d'Utrecht.) 4to. pp. [2]+20. pl. Utrecht.

Author's reprint from the Cabanis collection in the E.S.W. Library.

HARTLAUB, CARL JOHANN GUSTAV [1814-1900].

1844. Systematisches Verzeichniss der naturhistorischen Sammlung der Gesellschaft Museum [von Bremen]. Erste Abtheilung. Vögel. 4to. pp. iv+126. Bremen.

This important and fundamental catalogue of (about) 2,000 species and subspecies in a collection of over 6,000 bird-skins and stuffed specimens was followed by a Supplement (Nachtrag, 1846) of 21 pp. adding over 240 more. A number of species and genera are new to science. Both these lists are rare and have little descriptive matter. The present copy is from the Cabanis-Reichenow collection.

1857. System der Ornithologie Westafrika's. 8vo. pp. lvi+280. index. Bremen.

An important contribution to the ornithology of West Africa, including synonymy, description (in Latin), range, distribution, and brief notes on external characters of over 800 species. There are two interesting copies in the E.S.W. Library; one from Prof. Reichenow's library with many marginal notes, and the other, double interleaved and filled with observations and emendations by an English owner, probably P. L. Selater.

1861. Ornithologischer Beitrag zur Fauna Madagascars; mit Berücksichtigung der Inseln Mayotta Nossi-Bé und St. Marie, sowie der Mascarenen und Seychellen. 8vo. pp. xii+87. index. Bremen.

A monograph of importance on the avifauna of Madagascar. The present copy has notes by P. L. Selater.

1867. Beitrag zur fauna Centralpolynesiens. Ornithologie der Viti-, Samoa- und Tonga-inseln. See FINSCH, F. H. O.

1869-79. See DECKEN, C. C. VON DER, 1869-79.

1870. Die Vögel Ost-Afrikas. See FINSCH, F. H. O. and HARTLAUB, C. J. G.

**** and **LINDEMAN, M., eds.**

1873-4. Die zweite Deutsche Nordpolarfahrt in 1869-70, etc. 2 vols. 8vo. illust. Leipzig.

In this instance vol. II was devoted to zoology. Anthropology was undertaken by A. Pansch; mammals and fishes by W. Peters; birds by O. Finsch, and eggs by A. Newton. The expedition seems to have been financed or fathered by the Geographical Society of Bremen.

1877. Die Vögel Madagascars und der benachbarten Inselgruppen. Ein Beitrag zur Zoologie der äthiopischen Region. 8vo. pp. xlii+425. index. Halle.

An important contribution to the avifauna of the Madagascar region. The copy in hand is a presentation from the author, and formed part of the Cabanis-Reichenow collection.

This annotation should follow the title over

Harting, J. E. English glossary of falconry, Polyglot Vocabulary.
1891. ? ~~English gentleman~~ London, 1891, pp. 23 W+W. Excerpt
from Bib. accipit. same date -

Harting, J. E.

1886. A perfect Book for Keeping of Sparrowhawks or
Goshawks. London. 1886. Quairish

→ Hawcy, Gibson, R. J. ¹⁹³¹ Two thousand years of science. pp. 508. 2nd ed. rev. and enlarged.

1895. (Ein) Beitrag zur Geschichte der ausgestorbenen Vögel der Neuzeit sowie derjenigen deren Fortbestehen bedroht erscheint. pp. 43. Bremen.

A reprint from the *Abhandlungen des naturwissenschaftlichen Vereins zu Bremen*, vol. XIV, pt. 1. A valuable contribution to the literature of extinct birds. A presentation copy from the author.

n.d. Ueber Ceylons Ornithologie. 8vo. pp. 151-60. n.p.

Notes on the ornithology of Ceylon based on the early papers of Kelaart, Layard, and Blyth from the years 1852-3.

HARTLEY, G. INNESS and others.

1917. Tropical Wild Life in British Guiana, etc. 8vo. illust. New York Zoological Society.

New York.

This interesting treatise is based on the experiences of the author and his associates (William Beebe and P. G. Howes) at the station of the N.Y. Zoological Society, Kartabo, 50 miles up the Essequibo River. The Compiler spent most of two winters there and found it to be a naturalist's paradise.

HARTMANN, CARL E. W. R. [1832-93].

1885. Anthropoid Apes. 8vo. pp. 8+326. text. illust. London.

One of the most interesting volumes in the International Scientific Series.

HARTT, CHARLES FREDERICK [1840-78].

n.d. The recent bird tracks of the Basin of Minas. 2 pts. in 1 vol. 8vo. (*American Naturalist*, vol. 1, 1867.)

n.d. A naturalist in Brazil. 8vo. pp. 13. illust. (*American Naturalist*, vol. 2.)

A similar account appears in this author's *Vacation Trip to Brazil*, in the Blacker Library.

HARTWIG, GEORG LUDWIG [1813-80].

1873. The tropical world: aspects of man and nature. New ed. 8vo. pp. xix+556. 6 pl. (col.). 158 figs. T. of c. index. London.

1887. Denizens of the deep. London. A popular, posthumous publication.

HARTWIG, W.

1887. Die Vögel Madeiras. 8vo. pp. 452-86.

An important contribution to our knowledge of the birds of Madeira and Teneriffe. The present copy of this excerpt was given a special binding and MS. title-page by the author and presented by him to Professor Möbius.

HARVARD UNIVERSITY. Museum of Comparative Zoology. Cambridge, Mass.

1863-date. Bulletin.

1864-date. Memoirs.

HARVARD UNIVERSITY. Zoological Laboratory. Cambridge, Mass.

1884-date. Contributions.

HARVEUS, GUL. See HARVEY, WILLIAM.

HARVEY, E. NEWTON.

[1920]. The Nature of Animal Light. 8vo. illust. Philadelphia.

Useful little work on faunal psychology with a good index and bibliography.

HARVEY, W.

1829. The Tower menagerie. 2 vols. many figs.

As in the case of the present volume this work is often bound with Harvey, W., 1830-1.

1830-1. The gardens and menagerie of the zoological society. Birds and quadrupeds. many figs.

HARVEY, WILLIAM [1578-1657].

1651. Exercitationes de generatione animalium. Quibus accedunt quaedam de partu: de membranis ac humoribus uteri: & de conceptione. 12mo. pp. 568. extra engr. t.-p. Amstelodami.

An early edition of this well-known work. An almost complete collection of this celebrated physician's works are in the Osler Library.

HARVEY, WILLIAM HENRY [1811-66].

1854. The Sea Side Book. 8vo. illust. London.

The first edition of this popular work appeared in 1849.

HARVIE-BROWN, JOHN ALEXANDER [1844-1916].

[1877]. I. On the distribution of birds in north Russia. II. Longitudinal distribution of species north of 64° 30' N. lat., or the northern division. 8vo. pp. 30.

Author's reprint from the *Annals and Magazine of Natural History*, July 1877.

1879. The capercaillie in Scotland. pp. xv+155. 1 pl. 1 map (col.). 1 fig. T. of c. append. Edinburgh.

**** and **BUCKLEY, T. E.**

[1887]. A vertebrate fauna of Sutherland, Caithness and West Cromarty. 4to. pp. x+344. 7 pl. 2 maps (col., 1 fold.). 4 figs. T. of c. 2 append. index. Edinburgh.

One of a series of monographs for *A Vertebrate Fauna of Scotland*.

**** and **BUCKLEY, T. E.**

1888. A vertebrate fauna of the outer Hebrides. 4to. pp. xciii+279. 7 pl. 5 figs. 6 maps. T. of c. 6 append. index. Edinburgh.

**** and **BUCKLEY, T. E.**

1892. A vertebrate fauna of Argyll and the inner Hebrides. 4to. pp. lxxxiv+262. 7 pl. 7 maps (1 col. fold.). 3 figs. T. of c. 3 append. index. Edinburgh.

**** and **BUCKLEY, T. E.**

1895. A fauna of the Moray Basin. 2 vols. 4to. Vol. I, pp. xxii+306. 14 pl. (1 fold.). 3 figs. T. of c. Vol. II, pp. (8)+309. 8 pl. (1 col.). 9 pl. (3 fold.). 1 map (col. fold.). 11 figs. T. of c. append. index. Edinburgh.

**** and **MACPHERSON, H. A.**

1904. A fauna of the north-west Highlands and Skye. 8vo. pp. civ+378. 18 pl. 3 maps (1 fold. col.). 30 figs. T. of c. 2 append. index. Edinburgh.

[1905]. Travels of a naturalist in northern Europe, Norway, 1871, Archangel, 1872, Petchora, 1875. 2 vols. 4to. front. illust. pl. (partly col.). fold. maps. paged continuously. Vol. I, pp. xiv+260. 14 pl. 4 figs. in text. 2 maps. Vol. II, pp. viii+261-541. 9 pl. (2 col.). 3 figs. 2 maps. London.

HASKELL, WILLIAM S.

1914. Protection of migratory birds. (Commission of Conservation, Canada.) 8vo. pp. 8. Ottawa.

Annual report and an exposition of the Federal Migratory Bird Law, the National Movement for Wild Life Conservation in the United States, and the benefits to be derived by Canada in adopting and supporting such measures.

HASKINS, CHAS. H.

1927. Studies in the History of Mediaeval Science. 2nd ed. 8vo. Harvard Univ. Press, Cambridge.

This authority on the subject is of great importance to students of natural history as we know it in the Middle Ages.

HASLEMERE NATURAL HISTORY SOCIETY

1903–date. Science papers. (London.)

HASSALL, A. 1898. See UNITED STATES, FISHERY REPORTS, 1898–9.**HASSELQUIST, FREDERIK** [1722–52].

1766. Voyages and travels in the Levant; in the years 1749, 50, 51, 52 . . . pub. by Charles Linnaeus. 8vo. pp. 8+456. map. London.

Translated from the Swedish. It contains a letter to Linnaeus and many observations of value in natural history.

1769. Voyages dans le Levant, etc. 1 vol. Paris. A French edition of the original Swedish. This important work was also published in German, 1762.

HASTINGS, CHARLES [1794–1866].

1834. Illustrations of the natural history of Worcestershire. 8vo. pp. iv+184. 1 map (col. fold.). T. of c. 5 append. London.

HASTINGS AND EAST SUSSEX NATURALIST. 1906–date. St. Leonards.**HASTINGS AND ST. LEONARDS NATURAL HISTORY SOCIETY.**

1910–date. Reports.

1911/13 and 1916/17 in Hastings and East Sussex Naturalist.

HASWELL, WILLIAM AITCHESON [1854–]. See BR. A. A. SCIENCE, 1914.**** and **PARKER, T. J.**

1920. A manual of zoology . . . Revised and adapted for the use of American schools and colleges. See PARKER, T. J. and HASWELL, W. A.

HATCH, PHILO L.

1892. Notes on the birds of Minnesota, with specific characters. 8vo. pp. 487. index. (Geol. and Nat. Hist. Survey.) Minneapolis.

An excellent descriptive, systematic, local catalogue of 360 species.

HAUGHTON, SAMUEL [1821–97].

1873. Principles of animal mechanics. 8vo. pp. 14+495. London.

HAVELL, ROBERT.

[c. 1835]. A collection of the birds of paradise. folio. pp. (2). 22 pl. (col.). [London.]

A series of 22 engraved and colored plates by Robert Havell, with colored and engraved title also, but no text.

HAVILAND, MAUD DORIA.

1913. Wild life on the wing. 8vo. pp. (8)+244. front. 7 pl. 52 figs. T. of c. London.

1915. A summer on the Yenesei (1914). 8vo. pp. xii+328. 15 pl. T. of c. index. London.

**** (Mrs. H. H. BRINDLEY).

1926. Forest, steppe, & tundra; studies in animal environment. 8vo. pp. (12)+218. 8 pl. 1 map (fold.). T. of c. index. Cambridge, Eng.

HAWKEYE ORNITHOLOGIST AND OOLOGIST.

Edited and pub. by E. B. Webster and F. D. Mead, Gresco, Iowa. Monthly. 8vo. Subtitle: A Monthly Magazine Devoted to Ornitho-

logy, Oology and [kindred subjects, and Geology]. 1888–1889. Varies in size from [Vol. I] 12½ × 9½ in. to (Vol. II) 6½ × 9½ and 5½ × 8½ in. Green paper covers.

Frank L. Burns notes:

Vol. I. 1888. Nos. 1–12, Jan.–Dec. pp. 134.

Vol. II. 1889. Nos. 1–9, Jan.–Sept. pp. 84.

Nos. 7/8 double. (All issued.)

The owner's printing office and museum were destroyed by fire. Articles by W. C. Brownwell, W. L. Kells, W. S. Strode, E. G. Ward, J. Claire Wood, W. H. Davis, and others.

HAWKINS, BENJAMIN WATERHOUSE [1807–89].

1864. An elementary atlas of comparative osteology, the objects selected and arranged by T. H. Huxley and drawn on stone by B. W. Hawkins. pp. [6]. 12 pl. London.

1883. See SCIENCE LECTURES, 1883–5.

HAWKINS, R. C.

1910. Catalogue of Books by the First Printers, etc. 8vo. Oxford.

HAWKINS, THOMAS [1810–89].

1840. The book of the great sea-dragons, Ichthyosauri and Plesiosauri. Extinct monsters of the ancient earth. folio. pp. 27. 30 pl. London.

The above appears to be a late edition, an earlier printing having been published in 1834.

HAWKINS, T. S.

n.d. The much-maligned rook. 8vo. pp. 4. (Animals' Friend Society.) [London.]

An indictment against the wanton and cruel slaughter of callow rooks, which to say the least of it is foolish seeing that rooks do an enormous amount of good in clearing crops of wireworms.

HAY, ARTHUR, 9th Marquis of Tweeddale. See TWEEDDALE, A. H., 9th Marquis of.**HAY, OLIVER PERRY.**

1902. Text book of Palaeontology. Vol. II. 8vo.

The fossil reptilia in the English edition of K. A. von Zittel's famous work (q.v.) is revised by the author.

1908. The Fossil Turtles of North America. 4to. pp. 4+568. 113 pl. figs. in text. Washington.

A noteworthy treatise, often found as a separate monograph, although originally issued as *Carnegie Institution Publication*, No. 75.**HAYAT AL-HAYAWAN.** See AD-DAMIRI, etc.**HAYEK, GUSTAV VON.**

1877–93. Handbuch der Zoologie. 4 vols. 8vo. Wien.

HAYES, A. 1779–89. See ORIGINAL DRAWINGS.

HAYES, WILLIAM.

**** and **HAYES, W.**

[1771–80. Plates of birds.] See HAYES, W. and HAYES, A.

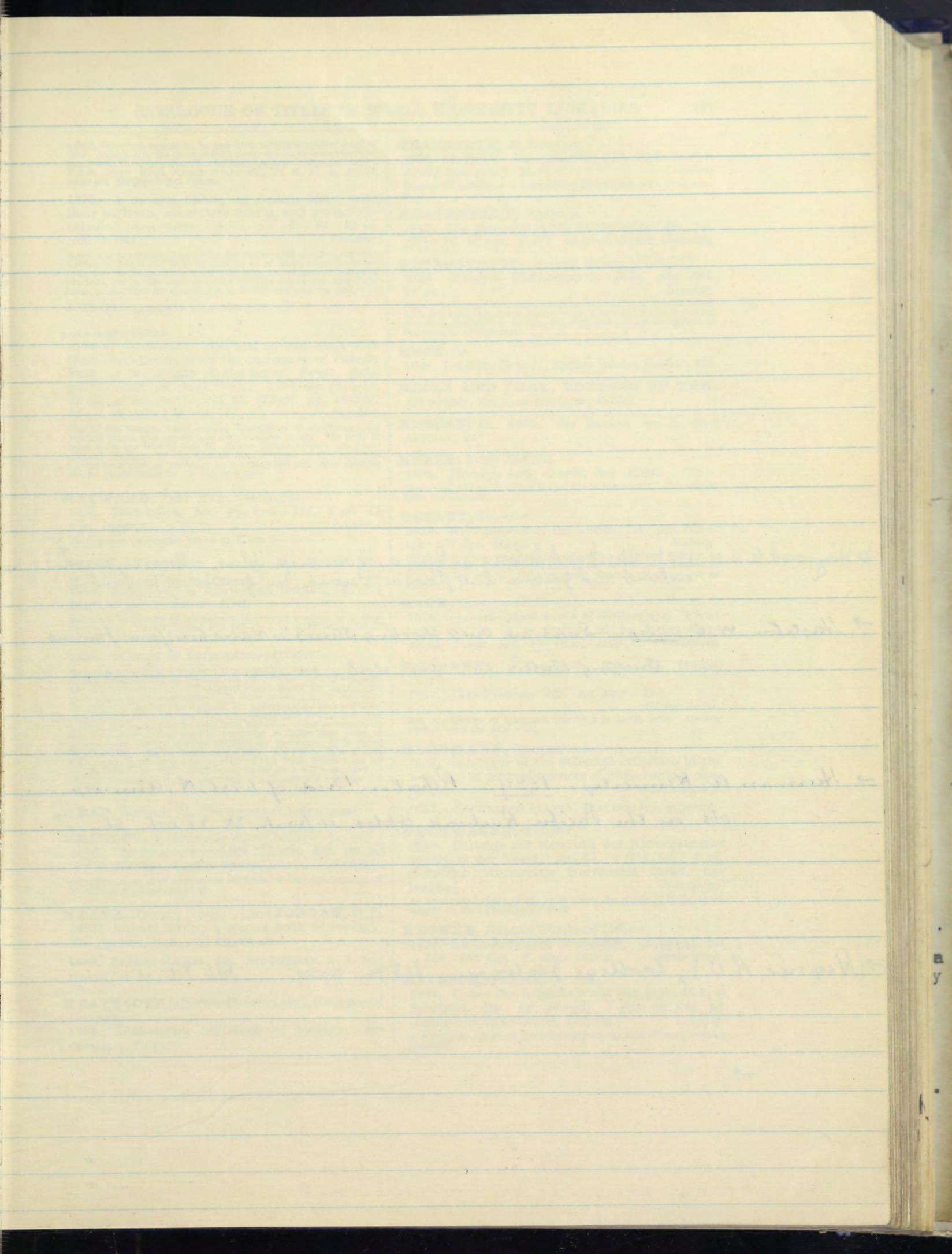
HAYES, CHARLES [fl. 1808–16].

1812–14. Original drawings of birds. See ORIGINAL DRAWINGS. HAYES, CHARLES.

HAYES, WILLIAM [1729–99] and **HAYES, A.**

[1771–80]. Plates of birds. 80 pl. n.p.

A collection of 80 hand-colored plates bound as *Hayes's Birds* from the library of Earl Brownlow, Ashridge, formerly in the Bridgwater Library. Of these plates 42 are the same as the 66 in W. Hayes and family, *Rare and Curious Birds*, 1782, and 32 are the same as the 40 plates in W. Hayes' *Natural History of British Birds*, 1771–5. Thirteen plates do not appear in either of these publications and



✕ Haywood, G. H. W. 1926. Sport and Service in Africa. 8vo. map, illus. Gives an account of the natives, and fauna and flora in Nigeria, the Cameroons, Togoland, etc.

→ Hazleton, W. C. 1934. Supreme Duck Shooting Stories. Narratives from famous Ducking Waters. 8vo, cloth, pp 160. Chicago

→ Heermann, A. Kennerly. 1859. Report on Birds of West. N. America. obs. on the Pacific Railroad explor. 4 parts. W. 88 col. pl. 40.

→ (Negner R. W.) ^{1931.} College Zoology 713 p. ~~1931~~ 500 Illust.

would, therefore, appear to be new from a bibliographical point of view. Attached to the front of the volume are six sheets of foolscap paper with the above and other information typewritten and signed H.S.G. (Capt. Hugh Steuart Gladstone), 10. iii. 23, he having originally purchased this volume.

1775. A natural history of British birds, with their portraits, accurately drawn, and beautifully coloured from nature. *folio. pp. (2)+24. 40 pl. (col., 2 fold.)*. London.

A series of hand-colored plates by the author with explanatory text, neither of which can truly be said to be of much scientific value. Only five plates have a printed title, none are numbered except in the text, but in this copy (contrary to some others, see *Ayer Catalogue*, p. 294) they are arranged so as to conform with the text.

1779-89. See ORIGINAL DRAWINGS.

**** and others.

1794-9. Portraits of rare and curious birds with their descriptions from the menagerie of Osterly Park, in the county of Middlesex. *2 vols. folio. pp. [5]+101. col. front.* Vol. I. 1794. *pp. [5]+50. 50 col. pl. col. front.* Vol. II. [1799]. *pp. 51-101. 50 col. pl.* 'End of Vol. II.' London.

One of the famous, early colored illustrations of ornithology, by William Hayes and members of his numerous family. The copy in hand lacks the title to vol. II. In the McGill Library are many original drawings by this artistic family, some of the paintings having been used as 'patterns' to illustrate this and other volumes of bird plates issued by the Hayes family.

HAYWARD, JANE MARY [1825-94].

1895. Bird notes. *8vo. pp. xvii+181. 4 pl. 11 figs. index.* London.

Posthumous publication edited by Emma Hubbard.

HAZIN, MUHAMMAD ALI B. ABI TALIB [ob. A.D. 1766]. + no *folium* &

1810. Saydiyya. A treatise on hunting various kinds of game. *12mo. 47 ll.*

MS. copy in Persian of an eighteenth-century original by a well-known poet. The important first *bāb* gives an alphabetical list of animals with a concise description of them and of their habits.

1829. Husami or Faras-nāma-i-Ḥusāmī.

Modern rendering of a versified treatise on the horse, its selection, upkeep, treatment of its diseases, etc., in 55 short *bābs*, or chapters. The original author, who calls himself simply Ḥazīn, i.e. 'aggrieved', gives the date of completion of his work as 896 A.H., or 1491 A.D. He dedicates the book to a prince, but unfortunately does not mention his real name. He was obviously, at any rate at that time, not a ruling prince, as may be seen from his titles. Ivanow reports on this manuscript: 'The copy is complete, in fairly good state of preservation, though slightly affected by moisture. It is dated Rabi' I 1245 A.H., or September 1829.' He adds: 'The McGill Library has apparently another copy of this work, which I got for you in Shirat, in 1928. That copy, as far as I can remember, is slightly incomplete at the beginning. I subsequently acquired the present one because it is complete.'

HEAD, ARTHUR W. See ORIGINAL DRAWINGS.

HEADLEY, FREDERICK WEBB [1856-].

1895. The structure and life of birds. *8vo. pp. xx+412. 77 figs. T. of c. index.* London.

An attempt to give anatomical evidence of the development of birds from reptilian ancestors.

HEATH, HAROLD [1868-] and **JORDAN, D. S.**

1902. Animal forms; a second book of zoology. See JORDAN, D. S. and HEATH, H.

1903. Animal studies, &c. See JORDAN, D. S. and HEATH, H.

HEATHCOTE (afterwards SINCLAIR), FREDERICK GRANVILLE.

1885. Elementary text-book of zoology. See CLAUS, C. F. W.

HEATHCOTE, J. NORMAN.

1900. St. Kilda. *8vo. pp. xiii+229. 2 pl. 75 figs. 1 map (col. fold.). T. of c.* London.

Chapter IV is devoted to a description of the birds, with 30 illustrations.

HEATHERLEY, FRANCIS.

1913. The peregrine falcon at the eyrie. *4to. pp. (12)+73. 29 figs. T. of c. append. index.* London.

HEBENSTREIT, JOHANN ERNST [1703-57].

1743. Mvsevum Richterianvm. *folio. pp. 384. 16 pl.* Lipsiae.

Pieces of stratified rock containing the impressions of animal forms, such as dragon-flies, fishes, echinoderms, corals and shells, are called *Lapides Idiomorphi* or *Lapides Figurati*, and are not recognized as the remains of organisms.

HECK, Dr.

1925. Lebende Tiere... Zoolog. Garten Berlin. *4to.*

HECLA AND FURY, VOYAGES OF THE.

See PARRY, WILLIAM EDWARD, 1826.

HEDDLE, R. 1848. See BAIKIE, W. B. and

HEDDLE, R.

HEDIN, SVEN ANDERS.

1898. Through Asia. *2 vols. 8vo. illust.*

Numerous references to the faunal life of the country. Translated from the German.

HEDLEY, CHARLES.

1919. Wild animals of the world. *8vo. pp. 128+vii. 137 figs. index.* Sydney.

A descriptive account of the animals in Taronga Park, Sydney, as it stands to-day and 150 years ago. Of the 680 species of Australian birds 260 are said to have been found within a short distance of Sydney.

HEER, OSWALD [1809-83].

1876. The primaeval world of Switzerland. From the Germ. by W. S. Dallas; ed. by James Heywood. *2 vols. 8vo. col. illust. map.* London.

HEERKENS, GERHARDUS NICOLAUS [1728-1801].

1787. Aves Frisicae. *8vo. pp. xxiv+298.*

Rotterdam.

The ornithology of Friesland described in Latin verse. Another edition bears the date 1788.

HEERMANN, ADOLPHUS L.

1853. Catalogue of the oological collection in the Academy of natural sciences of Philadelphia. *8vo. pp. 32.* Philadelphia.

1855. See UNITED STATES. PACIFIC RD. SURVEY.

HEERWAGEN, AUGUST.

1889. Beiträge zur Kenntnis des Kiefergaumenapparates der Vögel. *pp. 53. 6 fold. tab. 1 pl.* (Friedrich Alexanders Universität thesis, Erlangen.) Nürnberg.

An anatomical study of the parts about the palate of birds, based mainly on Max Fürbringer's work.

HEGNER, ROBERT WILHELM [1880-].

1920. An introduction to zoology. *12mo. pp. xii+350. 161 figs. T. of c. index.* New York.

HEIDECHE, ERNST.

1897. Ueber der Schnabelwulst des jugendlichen Sperlings. *8vo. pp. 50+[2]. 7 figs. on fold. pl.* (Inaugural dissertation, Leipzig.) Leipzig.

A laboratory report on the tuberosity on the mandibles of nestling sparrows.

HEIDELBERGER AKADEMIE DER WISSENSCHAFTEN. MATHEMATISCH-NATURWISSENSCHAFTLICHE KLASSE.
1910-date. Abhandlungen.

1909-date. Sitzungsberichte.

HEIDELBERG. Naturhistorisch-Medicinischer Verein.

1886. Festschrift zur Feier des fünf-hundert-jährigen Bestehens der Ruperto-Carola. 2 vols. in 1. *illustr. pl.*

1880-1914. Verhandlungen. New Series.

HEIDER, CARL [1856-]. See AKADEMIE DER WISSENSCHAFTEN.

HEILMANN, GERHARD.

1926. The origin of birds. 8vo. pp. (8)+208. 1 pl. (col.). 142 figs. *T. of c. bibliogr. index.* London.

This important work consists of a compilation of all the data so far presented bearing upon the ancestry of birds.

1927. The origin of birds. 8vo. New York. American reprint of the original 1926 edition.

**** and **MANNICHE, A. L. V.**

1931. Danmarks Fugleliv. 8vo. pp. 315. 100 col. pl. 450 text-figs. Kjøbenhavn.

HEILPRIN, ANGELO [1853-].

1887. The geographical and geological distribution of animals. 8vo. pp. xii+435 (map col.). *T. of c. index.* New York.

This important work forms volume LVIII of 'The International Scientific Series', a second edition appearing in 1894.

1888. The Animal Life of our Sea-Shore, with special reference to the New Jersey Coast and the Southern Shore of Long Island. 12mo. pp. 130. *illustr.* Philadelphia.

An excellent treatise, not listed in the *Cat. Br. Mus. (Nat. Hist.)*.

**** and **others.**

1889. The Bermuda islands: a contribution to the physical history and zoology of the Somers archipelago. 8vo. pp. (8)+231. 18 pl. *T. of c. append.* Philadelphia.

1894. The geographical and geological distribution of animals. 2nd ed. 8vo. pp. xii+435 (map col.). *T. of c. index.* London.

HEIM DE BALSAC, HENRI.

1924. Contributions à l'ornithologie dans le Sahara Septentrional en Algérie et en Tunisie; avec notes sur la flore et la faune des régions parcourues. 4to. pp. 116. 1 pl. (col., eggs). 5 figs. (2 maps). *index.* Paris.

1928. Fragments de bromatologie ornithologique; notes sur le régime alimentaire de quelques oiseaux indigènes. 8vo. pp. 15 Paris.

HEIMANS AND THIJSSSE.

1897-1926. See DE LEVENDE NATUUR.

1921. Van vlinders, bloemen en vogels. Amsterdam.

The fifth edition of a popular book on outdoor life.

HEINROTH, OSKAR A. [1871-].

1910. Die Brautente. Lampronessa sponsa L. und ihre Einbürgerung auf unseren Parkgewässern. 8vo. pp. xvi+71. 4 pl. (1 col.). Neudamm.

**** and **HEINROTH, Frau MAGDALENA.**

[1926-8]. Die Vögel Mitteleuropas. 3 vols. 4to. Vol. I, pp. viii+339. 170 pl. (53 col.). *T. of c.* Vol. II, pp. iv+160. 99 pl. (27 col.). *T. of c.* Vol. III, pp. x+286. 140 pl. (49 col.). 19 figs. *T. of c.* Berlin.

The authors had wonderful success in inducing birds to nest and rear the young in captivity and when, in 1908, a pair of goatsuckers which they had raised from the nestling stage brooded and brought up the young in their house, they decided to record their observations by the aid of the camera. There are about 3,000 selected photographic reproductions.

HEISMANN, M.

1912. How to Attract and Protect Wild Birds. 3rd ed. pp. 100. *illustr.* London.

HELGOLAND. See WISSENSCHAFTLICHE MEERES-UNTERSUCHUNGEN.

HELIOS; SOCIETATUM LITTERAE. (Naturwissenschaftlicher Verein des Regierungsbezirkes Frankfurt a. d. Oder.)

1883-1916. Abhandlungen and Mittheilungen. Nos. 1-28 (all pub.).

HELLMAYR, CARL EDUARD.

1903. Paridae, Sittidae und Certhiidae. 4to. pp. 32+255. *illustr.* (Das Tierreich. Lief. 18.) Berlin.

1905-14. Genera Avium. See WYTSMAN, P.

1906. Revision der Spix'schen Typen brasilianischer Vögel. 4to. pp. 166. pl. (*Abhandlungen der K. Bayer. Akad. der Wiss., II.*) München.

1912. Zoologische Ergebnisse einer Reise in das Mündungsgebiet des Amazonas, etc. 4to. Munich.

The Birds of this Voyage, whose reports were published under the auspices of the *Kgl.-Bayerische Akad. d. Wissenschaften* in Munich, were described by the author in their *Abhandlungen*, Bd. XXVI, No. 2, pp. 142. Author's separates are known.

1914. See HANIEL, CURT B.

1919-30. See CORY, CHAS. B.

HELSINGFORS. Societas pro Fauna et Flora Fennica.

[1821. Founded as Sällskapet pro Fauna et Flora Fennica.

1875. Societas pro Fauna et Flora Fennica.]

1848-75. Notiser ur . . . Forhandlingar, etc. Heft 1-3 are in 4to, and were issued as a 'Bihang till Acta Societatis Scientiarum Fennicæ'. Heft 4-14 are also entitled 'Ny Serie, Hft. I-XI'. There is a 'Supplement . . . till 11: te häftet' (N.S., Hft. VIII), giving the history of the Society from 1821 to 1871. 4to and 8vo. Helsingfors.

Continued as:

1876. Meddelanden, etc. Hft. 1. 8vo. Helsingfors.

1875. Acta. Vol. 1- . 8vo. Each paper is separately paged. Helsingfors.

1859. Herbarium Musei Fennici. Förteckning öfver Finska Musei Växtsamling, utgifven af Sällskapet . . . och uppgjord af W. Nylander och T. Sælan. 8vo. pp. 118. 1 map. Helsingfors.

1889-94. 2nd ed. 2 pt. 8vo. Helsingfors.

1. Plantæ Vasculares, curantibus T. Sælan, A. O. Kihlman, H. Hjelt. pp. xix+156. 2 maps.
2. Musci, curantibus J. O. Bomansson & V. F. Brotherus. pp. vii+77+(1). 1 map.

7 1922. Die ~~Kugel~~ Beziehungen zwischen Volgelgewicht, Eigewicht,
~~und~~ Geleggewicht u. Brutdauer. M. 9 Tab.

→ Hemenl, Felice. 1880. De l'instinct et de l'intelligence. vi + 231 pp.
2 pls. 43 figs. in text. Paris.

→ —. Here and there with the Birds.

1862. Genmale med anledning af Sallskapets . . .
Notiser Haft V och VI, etc. *8vo.*
See also FINSKA VETENSKAPS-SOCIETETEN.

→ **HEMPELMANN, F.** 1911-13. See BREHM, A. E.

HENDERSON, GEORGE and **HUME, ALLAN OCTAVIAN.**

1873. Lahore to Yarkand. Incidents of the route and natural history of the countries traversed. *8vo.* pp. xiv+370. 56 pl. (40 col.). 1 map (col. fold.). 26 figs. T. of c. 2 append. London.

Report of an important scientific expedition. The ornithological results of the expedition are illustrated with 32 colored plates by Kenlemans, and 17 text-figures. Several new species are described, with discussions of others both by Hume and Henderson. The work is reviewed in the *Ibis* for July 1873.

HENDERSON, I. F. and **HENDERSON, W. D.**
1920. A dictionary of scientific terms, pronunciation, derivation, and definition of terms in biology, botany, zoology, etc. *8vo.* pp. viii+354. Edinburgh.

HENDERSON, J. A.
1909. Nests and eggs, shown to the children. 12mo. pp. xvi+78. 47 pl. (col., 12 eggs). *index.* London.

HENDERSON, JOHN BROOKS [1870-].
1916. The cruise of the Tomas Barrera; the narrative of a scientific expedition to western Cuba and the Colorados reefs, with observations on the geology, fauna, and flora of the region. *8vo.* pp. ix+320. 5 pl. (col.). 36 pl. (6 maps). T. of c. *index.* New York.

HENDERSON, JUNIUS [1865-].
1913. The practical value of birds. (*Bull. Univ. Colorado*, xiii. 4.) *8vo.* pp. 48. T. of c. Boulder, Colo.

Much enlarged and issued in book form under the same title in 1927.

1927. The practical value of birds. *8vo.* pp. xii+342. T. of c. *bibliogr. index.* New York.

A successful effort to analyse and digest the vast amount of literature on the food habits of birds and their relation to the material welfare of the human race, as well as to bring together the more significant data of Economic Ornithology in systematic arrangement.

HENDERSON, W. D. 1920. See HENDERSON, I. F.

HENDY, E. W.
1928. The Lure of Bird Watching. *8vo.*

→ **HENFREY, ARTHUR.** 1844. See TULK, ALFRED.

HENNICKE, CARL R.
1895. Der Graupapagei in der Freiheit und in der Gefangenschaft. *8vo.* pp. 64. 1 col. pl. (*Ornithologische Schriften des Deutschen Vereins zum Schutze der Vogelwelt*, no. 1.) Gera.
A popular work on the African Gray Parrot.

1905. Naturgeschichte der Vögel Mitteleuropas. See NAUMANN, J. A.

[1911]. Vogelschutzbuch. 12mo. pp. 16+126. 8 col. pl. 60 text-figs. *index.* Stuttgart.

A well-known popular manual on the protection of birds at home and abroad. The copy in hand is from the Cabanis-Reichenow collection.

n.d. Die Leuchttürme und die Vogelwelt. *8vo.* pp. 59. 7 pl. Gera.

An important monograph on the effects of lighthouses on bird life. The present copy is a gift from the author.

HENON and **MOUTON-FONTENILLE.**

1802. (An 10.) L'art d'empailler les oiseaux, avec la méthode de les classer après le système de Linné. *8vo.* pp. xvi+283. 5 copper pl. *index.*

Lyon.

This interesting treatise, issued in three parts, is not listed in the *Br. Museum Catalogue* and must be quite rare. Appended is a catalogue of the birds found in the Department of the Rhone.

HENRICI, D.

1915. Lösung der Vogelschutzfrage. See HIESE-MANN, M.

HENRY, G. M. 1924-7. See ORIGINAL DRAWINGS.

HENRY, JOSEPH [1797-1878].

[1860]. Instructions in reference to collecting nests and eggs of North American birds. *8vo.* pp. 9. *append.* Washington.

Instructions issued by the Smithsonian Institution as a guide to those proposing to collect and donate eggs to the Institution. Subsequently other circulars were issued, differing somewhat from this first, with further instructions.

1861. See SMITHSONIAN MISCELLANEOUS COLLECTIONS, 1861.

HENSHAW, HENRY WETHERBEE [1850-1929].

1874. Geographical and geological explorations and surveys west of the one hundredth meridian. See YARROW, H. C.

1874-89. See UNITED STATES. HUNDREDTH MERIDIAN.

1875. See WHEELER, GEO. M.

[1880?]. United States Geographical Surveys West of the One-hundredth Meridian. Ornithological report upon collections made in portions of California, Nevada and Oregon. (Annual report of the survey for 1879. *8vo.* pp. 282-335.)

Washington.

1886. The code of nomenclature and check-list of North American birds adopted by the American ornithologists' Union. See AMERICAN ORNITHOLOGISTS' UNION.

1902. Birds of the Hawaiian Islands, being a complete list of the birds of the Hawaiian possessions, with notes on their habits. *8vo.* pp. 146. *index.* Honolulu.

An important contribution to the subject written in semi-popular style.

1918. Birds of town and country. (National Geographic Society.) Washington.

1919-20. Autobiographical notes. 4to. pp. 51. *illustr.* Berkeley.

Author's reprint from the *Condor*, vols. 21-2.

HENTSCHEL, ERNST.

1929. Das Leben des Weltmeeres. 4to. pp. 8+154. *illustr.* Berlin.

HERBERT, HENRY WILLIAM [1807-58].

1849. Frank Forester's fish and fishing of the United States and British provinces of North America. *8vo.* pp. 16+455. *figs. in text.* pl. London.

1864. Frank Forester's Fish and Fishing of the U.S. and British Provinces. *8vo.* pp. 512. *illustr.* New York.

A later American edition of the original 1849 issue.

HERBERT, Sir THOMAS [1606-82].

1634. A relation of some yeares travaile begunne anno 1626. Into Afrique and the greater Asia, especially the territories of the Persian monarchy. 4to. pp. 8+226+12. *illust.* London.

The *editio princeps* of a work interesting for the early descriptions of flora and fauna of the Far East. Many birds are described, among them the Dodo.

1677. Some years travels into divers parts of Africa and Asia the great. Describing more particularly the empires of Persia and Industan. folio. pp. (8)+399+(18). 3 pl. (1 fold.). 5 maps. 50 figs. (7 birds). *index.* London.

A curious old work the first edition of which appeared in 1634 under a different title, followed four years later by another edition also with a different title, a third impression much enlarged appearing in 1665, followed by the present fourth impression.

HERDMAN, WILLIAM ABBOTT [1858-].

1885. A phylogenetic classification of animals (for the use of students). 8vo. pp. (4)+76. *tab.* (fold.). 20 figs. London.

HERING, J. M.

1665. De ortu avis Britannicae. 8vo. Wittenberg.

HERMAN, OTTÓ [1835-1914] and others.

1891. J. S. v. Petényi, der Begründer der wissenschaftlichen Ornithologie in Ungarn, 1799-1855. folio. pp. [8]+137. *portr.* pl. Budapest.

1901. A madarak hasznáról és káráról. Darányi Ignác M. Kir. Földmívelésügyi minister megbízásából. 8vo. pp. 279. 83 pl. Budapest.

A well-known Hungarian treatise on useful and hurtful birds which has been translated into German and English. The present copy is from the Cabanis-Reichenow collection.

1903. Nutzen und schaden der vögel. Ins deutsche übersetzt von Johann Carl Rösler. 8vo. pp. 16+332. 100 pl. *index.* Gera.

A German translation of a well-known original Hungarian work, 1901. The present volume is from the Cabanis-Reichenow collection.

1905. Recensio critica automatica [of the doctrine of bird-migration]. pp. ix+74. 1 map (fold.). T. of c. *index.* Budapest.

1905. The method for ornithophaenology inaugurated by the Hungarian central office of ornithology, by Ottó Herman. 4to. pp. 13. 10 maps. Budapest.

A method of registering by means of maps, cards, and graphs the movements, dates of arrivals, departures, and geographical distribution of birds in any given area.

1905. Ornithologische Fragmente aus den Handschriften von J. S. von Petényi. Deutsch bearbeitet von T. Csörgy. See PETÉNYI, S. J. VON.

1906. Remarques sur les notes de M. le Dr. Quinet. 12mo. pp. 23. Budapest.

1907. The international convention for the protection of birds concluded in 1902. pp. v+241. T. of c. 3 *indexes.* Budapest.

The present copy is a present from the author and bears his autograph. Several conventions have since been held.

**** and **OWEN, J. A.**

1909. Birds useful and birds harmful. pp. viii+387. *front.* 158 figs. T. of c. *index.* Manchester.

A ready handbook for the farmer, gardener, student, and bird-lover generally, of the food of birds and the part they play in the economy of nature.

HERMANN, JOHANN [1738-1800].

1783. Tabula affinitatum animalium olim academico specimine edita, nunc uberiore commentario illustrata cum annotationibus ad historiam naturalem animalium augendam facientibus. 4to. pp. 2+370. 3 *tab.* Argentorati.

1804. Observationes zoologicae quibus novae complures, aliaeque animalium species describuntur et illustrantur. Opus posthumum edidit F. L. Hammer. Pars prior (all pub.). 4to. pp. 8+332. *portr.* Argentorati.

HERMANN, RUDOLF.

n.d. Vögel und Vogelstimmen. 2nd ed. 8vo. pp. xii+154. 17 pl. (13 col.). *index.* Leipzig.

HERMANNSTADT. Siebenbürgischer Verein f. Wissenschaften.

1850-1930. Verhandlungen und Mittheilungen.

HERMS, EDMUND. 1927. See BERG, BENGT.**HERNANDEZ, FRANCISCO** [1514-78].

1651. Nova plantarum, animalium et mineralium Mexicanorum historia a Francisco Hernandez medico, in Indijs praestantissimo primum compilata, dein a Antonio Reccho in volumen digesta, a Jo. Terentio, Jo. Fabro, et Fabio Columna, Lynceis notis, & additionibus longe doctissimis illustrata. With engraved title and large number of woodcuts of plants, animals, and minerals. folio. pp. 16+950+90. Roma.

Sabin, No. 31516. The author was a Spanish physician and naturalist sent to the North American Spanish Possessions by order of Phillip II for the purpose of describing their productions, concerning whom Acosta remarks: 'Doctor Francis Hernandez hath made a goodly worke upon this subject, of Indian plants, liquors and other phisical things, by the King's expresse commission and commandement, causing all the plants at the Indies to be lively painted, which they say are above a thousand two hundred, and that the works cost above three score thousand ducats.' Prescott says concerning the above edition: 'The work of Hernandez is a monument of industry and erudition, the more remarkable as being the first on this subject, and after all the light from the labours of later naturalists it still holds its place as a book of the highest authority.' The author was called 'the third Pliny'. The *editio princeps*, of 1615, was published in Mexico. See the facsimile reprint, 1888.

1790. Opera, cum edita, tum inedita, ad autographi fidem et integritatem expressa, impensa et jussu regio; ed. with pref. by C. Gomez de Ortega. 3 vols. 4to. Matriti.

This work, which was intended to be a complete collection of all Hernandez' works in 5 vols., was not completed, and contains only the *De historia plantarum Nova Hispaniae*.

1888. Cuatro libros de la naturaleza y virtudes de las plantas y animales de la Nueva Espana; extractos de las obras del Francisco Hernandez, anotados, traducidos y publicados en Mexico el ano de 1615, por Francisco Ximenez. 8vo. pp. 52+301. Morelia.

This facsimile is admirably done and is an excellent reproduction in all its parts of the famous original, printed and published in Mexico.

HÉROUARD, E. See DELAGE, MARIE YVES, 1896.**HERRERA, ALFONSO L.** [1838-1901].

n.d. Notas acerca . . . Vertebrados . . . Mexico. 4to.

HERRICK, CLARENCE LUTHER [1858-].

1892. The mammals of Minnesota. 8vo. pp. 299. 8 pl. (Minnesota, Geol. and Nat. Hist. Survey. Bulletin, no. 7.) Minneapolis.

STATEMENT OF THE BOARD OF TRUSTEES OF THE UNIVERSITY OF MICHIGAN

1910

REPORT OF THE BOARD OF TRUSTEES OF THE UNIVERSITY OF MICHIGAN FOR THE YEAR 1910. The report details the financial and administrative activities of the university, including the receipt of funds from various sources and the expenditure on educational and research purposes. It also mentions the state of the university's endowment and the progress of its various departments.

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→ Helsekund. Tagttageffer over Danmarks fuglefæmme.

→ Helt. Glossary of popular, local and old fashioned names of birds.

/ins/

HERRICK, FRANCIS HOBART [1858-].

1901. The home life of wild birds; a new method of the study and photography of birds. pp. *xix*+148. 138 figs. *index*. New York.

1917. Audubon the naturalist; a history of his life and time. 2 vols. *illustr.* New York.

An excellent, comprehensive biography with extensive bibliography and copious notes concerning the great naturalist's contemporaries.

HERRICK, GLENN WASHINGTON [1870-].

[ca. 1907]. A text-book in general zoölogy. 8vo. pp. 388. 237 figs. *T. of c. index*. New York.

HERTFORDSHIRE NATURAL HISTORY SOCIETY AND FIELD CLUB, WATFORD.

1879-date. Transactions. London, Hertford. (Continues Watford Natural History Society.)

HERTWIG, RICHARD [1850-].

1927. Abstammungslehre und neuere Biologie. 4to. pp. 6+271. *pl.* Jena.

HERTWIG, WILHELM AUGUST OSCAR [1849-1922].

1898. Lehrbuch der Entwicklungsgeschichte der Menschen und Wirbelthiere. 6te Auf. 8vo. pp. 18+634. 1 col. *pl. text-figs.* 1 *pl.* Jena.

A well-known text-book on (comparative) development.

1912. Allgemeine Biologie. 4th ed. Jena.

1912. Das Werden der Organismen; eine Widerlegung von Darwin's Zufallstheorie. 8vo. pp. 12+710. *illustr.* Jena.

HERVIEUX DE CHANTELOUP, J. C. [1683-1747].

1709. Nouveau traité des serins de canarie, contenant la manière de les élever, les apparier pour en avoir de belles races. 8vo. pp. 20+356. 1 *pl.* Paris.

The second of numerous translations and editions of a famous work on canary birds, the first having appeared in 1705.

1718. A new treatise of canary-birds. 12mo. pp. (12)+163. 2 *pl. (diagr.)*. London.

1718. Neuer Tractat von denen Canarienvögeln; Teutsche übersetzt. 2 vols. in 1. 16mo. pp. (12)+160+76. 2 *pl.* 1 *fig.* 2 *indexes*. Leipzig.

1745. Nouveau traité des serins de canarie. 16mo. pp. *xxviii*+368. 4 *pl.* 8 *figs.* *T. of c. index*. Paris.

1746. Nouveau traité des serins de canarie. Nouvelle éd., rev., corr. & augmentée. 12mo. pp. 30+210. *pl.* Paris.

1754. See PERNAU, F. A. VON.

1758. Besondere Nachrichten von den Canarienvögeln, etc. Neue Aufl. 2 Thiele. 2 *pl.* Frankfurt.

1766. Nouveau traité des serins de Canarie. *illustr.* Paris.

1771. Des Herrn Hervieux Nachricht von den Canarienvögeln. 12mo. pp. 196+6. *index*. Nürnberg.

1785. Nouveau traité des serins de canarie. 8vo. pp. 12+294. *pl.* Paris.

In this edition is given an account of the nightingale and other songsters.

HESSE and DOPLEIN.

1910-14. Tierbau und Tierleben. 2 vols. Leipzig.

HESSELBERG, ABRAHAM.

n.d. Zwölf Vögel gezeichnet von Abraham Hesselberg in München. 4to. Col. lithographed title-page margined with portraits of birds.

Uttweil a. Bodensee.

This is a small but unusually well-drawn, hand-colored collection of 12 lithographs of selected species of birds. The plates are probably rare as they are not listed in any of the ordinary catalogues. From the Godman Library.

HETHERINGTON, W. M.

1831. American ornithology. See WILSON, A. and JAMESON, R.

HEUGHLIN, MARTIN THEODOR VON [1824-76].

1856. Systematische Uebersicht der Voegel Nord-Ost-Afrikas mit Einschluss der arabischen Kueste des Rothen Meeres und der Nil-Quellen-Länder. 4to. pp. 72. Wien.

1869-73. Ornithologie Nordost-Afrika's, der Nilquellen- und küsten-gebiete des Rothen Meeres und des nördlichen Somal-landes. 4 vols. 8vo. Vol. I. 1869. pp. *cviii*+1+416. 1 *map.* 18 col. *pl.* *T. of c.* Vol. II. 1871. pp. 2+417-851. 11 col. *pl.* Vol. III. 1871. pp. 2+*xlviii*+853-1261. 10 col. *pl.* Mit Beiträgen von Dr. O. Finsch. Vol. IV. (Pt. 1.) 1871. pp. 1+1263-1512+1. (Pt. 2.) pp. *xliv-cccxxv*+A-H. *indexes.* 12 col. *pl.* Cassel.

An important detailed account of the avifauna of North-East Africa systematically arranged. The monograph was issued irregularly (or only partially dated) in 57 numbers. The map and plates are renumbered in the index. The present copy belonged to John Gould, and the inserted directions to the binder are probably in his handwriting.

1877. Reise in Nordost-Afrika. Schilderungen aus dem gebiete der Beni Amer und Habab. 2 vols. 8vo. *illustr.* Braunschweig.

The systematic classification is contained in the second volume, where the bustard family is placed next to the African Ostrich, in accordance with the older view prevailing at that time.

HEUSINGER, KARL FRIEDRICH VON [1792-1883].

1821. De metamorphosi rostri pici et de generatione mucoris in organismo animali vivente. 8vo. pp. 12. Jena.

HEWITSON, WILLIAM CHAPMAN [1806-78].

[1831-42]. British oology. 2 vols. 8vo. Vol. I, pp. *viii*+(160). 72 *pl. (col.)*. *index*. Vol. II, pp. 8+(182). 83 *pl. (col.)*. *index*.

Newcastle-upon-Tyne.

This first edition—very rare—of a standard work was issued in 37 parts, April 1, 1831, to June 1, 1838, with a supplement on October 1, 1842. With part 37 there was issued a title-page to vol. III with, however, a recommendation to subscribers to have the work bound in two volumes, which has been followed in the case of the present copy. Two later editions were issued under a somewhat different title. Not listed in the *Cat. Br. Mus. Nat. Hist.*

1842-6. Coloured illustrations of the eggs of British birds, accompanied with descriptions of the eggs, nests, etc. 2 vols. 8vo. Vol. I, pp. *xvi*+223. 62 *pl. (col.)*. Vol. II, pp. (6)+225-470. 76 *pl. (col.)*. *index*. London.

This is the second edition. It was issued in monthly parts between 1842-6. It is quite different from the rare first edition, the text being rewritten, enlarged, and paged throughout. The plates are different also. Coues is in error in giving them as 144 instead of 138.

[HEWITSON, W. C. (contd.)]

1853-6. Coloured illustrations of the eggs of British birds, with descriptions of their nests and nidification. 3rd ed. 2 vols. 8vo. Vol. I, pp. xvi + 289. 77 pl. (col.). Vol. II, pp. (4) + 290-532. 72 pl. (col.). *index.* London.

This is said to be the best of the three editions. It appeared in 38 parts from May 1853 to June 1856, being partly rewritten, enlarged, and supplied with new plates.

HEWITT, CHARLES GORDON [1885-1920].

1921. The conservation of the wild life of Canada. 8vo. pp. xx + 344. 23 pl. 4 figs. 15 maps and charts (3 fold.). *index.* New York.

A posthumous volume by the Dominion Entomologist. It covers the subject in a most excellent manner, being especially interesting to Canadians.

HEYDEN, CARL HEINRICH GEORGES VON [1793-1866].

1827. Reptilien. *folio.* pp. 2 + 24. pl. (Senkenbergische naturforschende Gesellschaft. *Atlas zu der Reise im nördlichen Afrika*, vol. 3.) Frankfurt-a.-M.

1828. See RÜPPELL, W. P. E. Atlas zu der Reise im nördlichen Afrika, etc.

HICKSON, SYDNEY JOHN [1859-].

1889. A naturalist in north Celebes; a narrative of travels in Minahassa, the Sangir and Talaut islands. 8vo. pp. xv + 392. 6 pl. 29 figs. 2 maps (col. fold.). T. of c. 3 append. *index.* London.

1894. Fauna of the Deep-Sea. 8vo. pp. 11 + 169. 1 pl. *illustr. in text.* London.

An interesting volume from Sir J. Lubbock's *Modern Science Series*.

HIERSEMANN, KARL W. (Publisher.)

1927. Bibliographie der Germanistischen Zeitschriften.

A valuable work of reference.

1928. Inkunabeln. 4to. pp. 4 + 103. *illustr.*

Leipzig.

A dealer's catalogue of incunabula, with many titles of interest to zoologists.

HIESEMANN, MARTIN.

1908. How to attract and protect wild birds. 8vo. pp. 17 + 86. 49 figs. T. of c. *append.* London.

Translated from the German first edition, 1907, by Emma S. Buchheim.

1911. How to attract and protect wild birds. 2nd ed. 8vo. pp. 13 + 101. 54 figs. T. of c. *append.* London.

1912. How to attract and protect wild birds. 3rd ed. London.

1915. Lösung der Vogelschutzfrage nach Freiherrn v. Berlepsch. 6te ergänzte und verbesserte Aufl. 8vo. pp. xii + 172. 2 col. pl. num. figs. in *text.* *index.* Leipzig.

HIGGINS, ELMER [1892-].

1930. Wild life. See REDINGTON, PAUL G.

HILDEBRAND, B. F. and **SCHROEDER, W. C.**

1927. Fishes of Chesapeake Bay. (*Bull. U.S. Bur. Fisheries*, vol. xviii, 1927, pt. I.) Washington.

This work includes general statistics and remarks on the Fisheries of Chesapeake Bay; also a systematic catalogue, with keys to families, descriptions, etc.

HILGENDORF, F. 1825-48. See EHRENBERG, C. G.**HILL, JOHN** [1716-75].

1748-52. A general natural history . . . of the animals, vegetables, and minerals, of the different parts of the world. 3 vols. *folio. illust.* London. Vol. III contains an account of the birds, with plates Nos. 17-24, representing 111 species.

→ 1752. An history of animals. *folio.* pp. (8) + 584. 28 pl. *index.* London.

This volume is one of three (perfect without the others) comprising the author's general natural history, 1748-52.

1752. Essays in natural history and philosophy; containing a series of discoveries, by the assistance of microscopes. 8vo. pp. 8 + 415. London.

HILL, RICHARD [1795-1872].

1847. The birds of Jamaica. See GOSSE, P. H.

1851. A naturalist's sojourn in Jamaica. See GOSSE, P. H.

HINDS, RICHARD BRINSLEY, ed.

1844. The zoology of the voyage of H.M.S. Sulphur, under the command of Captain Sir Edward Belcher . . . during the years 1836-42. 2 vols. 4to. Vol. I, pp. (2) + 150. 64 pl. (62 col.). Vol. II, pp. (2) + 72. 21 pl. (col.). *index.* London.

The ornithology of this scientific voyage (by John Gould) will be found in vol. I, pp. 39-50, illustrated with 16 colored plates, Nos. 19-34. Many new species were obtained, selections of which went to the British Museum and the collection of the Zoological Society. The present copy is from the Godman Library.

HINGSTON, RICHARD WILLIAM GEORGE [1887-]

1920. A naturalist in Himalaya. 8vo. pp. xii + 300. 24 pl. (1 map). T. of c. *index.* London.

1923. A naturalist in Hindustan. 8vo. pp. 7 + 292. front. 9 pl. T. of c. *index.* London.

1925. Nature at the desert's edge; studies and observations in the Bagdad oasis. 8vo. pp. 299. 11 *illustr.* London.

1928. Problems of instinct and intelligence. 8vo. pp. 8 + 296. *illustr.* London.

HINROTH, O. and **HINROTH, M.**

1924-9. Die Vögel Mitteleuropas. Lief. 1-60. 4to. many col. pl. Berlin.

This treatise, so far as published, is a fine example of scientific text and excellent illustration.

HINTON, MARTIN ALISTER CAMPBELL [1883-]

1925. Reports on papers by G. E. H. Barrett-Hamilton on the whales of South Georgia. *folio.* pp. 159. London.

1926. Monograph of the voles and lemmings (Microtinae) living and extinct. Vol. 1. pp. xvi + 487. 15 pl. 110 figs. London.

HIRC, MIROSLAV.

1908. Horologische und gonimatische Beziehungen der Art *Accipiter nisus* (L.). 8vo. pp. [2] + 19. Zagreb.

A monograph on the hawk, *Accipiter nisus*, as seen in the Balkans.

1908. Die Jagdfauna der Domäne Martijanec. 8vo. pp. 85. Zagreb.

A local list of animals interesting to the hunter. 161 species of birds found in the Croatian county Varazdin, are briefly described.

€175]. Review of works of Royal Society of London. 4to. London.

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→ ?. (R. W. G. Henslow) The meaning of animal colours and adornment.
Pub. Arnold, Londn. 18/-

→ Hird, D. 1903. Easy outline z evolution. illus. London.

→ Hoepfli, U. 1902. Atlanti ornithologico degli Uccelli europei.
Milano.

→ Hodge, G. E. 1924. Vivarium and aquarium keeping for amateurs. fr. illus., London.

- **HIRSCH-SCHWEIGER, ERNST.**
1925. Zoologisches Wörterbuch . . . mit 477
abbildungen. pp. 628. Berlin.
A very useful zoological dictionary with many helpful illustrations.
- HIRST, HENRY B.**
1843. The book of cage birds. 2nd ed. pp. 278.
T. of c. append. Philadelphia.
- HIS, WILHELM [1831-1904].**
1874. Unsere Körperform. 8vo. pp. 14+224.
illust. Leipzig.
1904. Wilhelm His. 8vo. Jena.
Biography by Rudolf Fick. Abstracted from *Anatom. Anzeiger*,
vol. 25, pp. 161-208. Author's reprint.
- HITCHCOCK, EDWARD [1793-1864].**
1833. Report on the Geology, Mineralogy,
Botany and Zoology of Massachusetts. 8vo. pp.
700. Lists of Birds, by Prof. E. Emmons.
Amherst.
1835. Catalogues of the animals and plants of
Massachusetts. 8vo. pp. 142. Amherst.
A very useful manual for the study of New England flora and
fauna.
1858. Ichnology of New England. folio. pp. 12+
220. maps. Boston.
- HLAWENSKY, BERTHOLD.**
1899. Die zahme Fasanerie. See HLAWENSKY, J.
and HLAWENSKY, B.
- HLAWENSKY, JOHANN and HLAWENSKY,
BERTHOLD.**
1899. Die zahme Fasanerie. Leitfaden für den
angehenden Fasanenzüchter und Gruende des
Fasanensports. 8vo. pp. 81. 1 pl. 12 text-figs.
Neudamm.
A popular treatise on pheasant culture. A presentation copy from
the author, in the Cabanis-Reichenow collection.
- HOBBIES.** See BUFFALO SOCIETY OF NATURAL
SCIENCES.
- HOBDAY, FREDERICK THOMAS GEORGE.**
1915. Anæsthesia & narcosis of animals and birds.
8vo. pp. xi+86. 4 pl. (5 figs.). 19 figs. T. of c.
index. London.
- HOBHOUSE, L. T.**
1915. Mind in Evolution. Latest ed. pp. 450.
illust. New York.
Contains chapters on comparative psychology, including the avian.
- HOBSON, RICHARD [1795-1868].**
1866. Charles Waterton; his home, habits, and
handiwork. 12mo. pp. xl+319. front. 15 pl. T. of c.
London.
A brief memoir of a talented and humane but eccentric man, who
was passionately devoted to natural history pursuits, more especially
to that of ornithology. He is best known for his *Wanderings in
South America*, 1812-24.
- HOCHWALT, ALBERT G. [1893-1920].**
1923. Idylls of bird life. 8vo. pp. (2)+146. front.
(portr.). 80 figs. T. of c. Dayton, O.
- HODEK, EDUARD.**
1882. Der Wanderer Heim. 8vo. pp. 22. Wien.
On the migration of marsh birds in the valley of the Danube.
- HODGSON, BRYAN HOUGHTON [1800-94].**
[1836]. On some new species of the Edolian and
Cebilepyrine sub-families, of the Lani[i]dae of
Nepal. 8vo. pp. 6.
Author's reprint published in the Valley of Nepal.
[1836]. On some new species of the more typical
Laniidae of Nepal. 8vo. pp. 3.
n.d. Indication of some new forms belonging to
the Parianae. 8vo. pp. 7.
n.d. On the Charj, or Otis Bengalensis. 8vo.
pp. 8. 2 pl.
- HOEFER, JEAN C. F. [1811-78].**
1873. Histoire de la Zoologie depuis les temps les
plus reculés jusqu'à nos jours. 8vo. pp. 412. Paris.
An instructive account of the subject and a valuable work of
reference.
- **HOERNES, RUDOLF [1850-1922].**
1884. Elemente der Paleontologie. 8vo. pp. 16+
594. illust. in text. Leipzig.
Vertebrate fossil deposits properly considered.
- HOEVEN, JEAN VAN DER [1802-68].**
1856-8. Handbook of zoology. Translated from
the 2nd Dutch ed. by William Clark. 2 vols. 8vo.
Vol. I, pp. xvi+853. 15 pl. T. of c. index. Vol. II,
pp. xxiv+768. 9 pl. T. of c. index. Cambridge.
1864. Philosophia zoologica. 8vo. pp. [4]+401.
Lugduni Batavorum.
[1867]. Annotationes de Dromade Ardeola Payk.
4to. pp. 15. 1 fold. tab. Dresdae.
- HOFFMAN, W. J.**
1888. Annotated list of the birds of Nevada.
(Bulletin of the Geological Survey, vol. vi, no. 2.)
pp. 203-56. 3 pl. (1 map). append. bibliogr.
Washington.
Author's edition.
This list is based partly upon notes and observations made by
several field parties in 1871, as well as from the reports of other
prominent authorities who have visited parts of Nevada.
- HOFFMANN, BERNHARD [1860-].**
1908. Kunst und Vogelgesang. 8vo. pp. x+230.
illust. (music). Leipzig.
An instructive treatise on the technic of bird song, illustrated by
musical notes. From the Cabanis-Reichenow collection.
1919. Führer durch unsere Vogelwelt. 12mo.
pp. iv+216. index. Leipzig.
- HOFFMANN, CHRISTIAN KARL.**
1859. See BRONN, H. G., Die Klassen, etc.
1890? Klassen u. Ordnungen d. Reptilien. 3 vols.
170 pl. Leipzig.
This important monograph is frequently bound in with the author's
companion work on amphibia, 1873-8. See BRONN, H. G.
- HOFFMANN, JULIUS.**
1867. Die Waldschnepfe. 4to. pp. viii+151.
Stuttgart.
A popular account of the woodcock, with side glances at their value
for food and the 'hunt'.
1887. Die Waldschnepfe, etc. 4to. pp. 8+196.
1 pl. index. Stuttgart.
The second edition of a well-known monograph on that cosmopolitan
bird, the woodcock, and its allies. The volume in hand is a presenta-
tion copy from the author to Prof. A. Reichenow.
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- HOFFMANN, RALPH** [1870-], and **LANSING, Mrs. J. H.** (born STICKNEY). [1898]. Bird world; a book for children by J. H. Stickney, assisted by R. Hoffmann. See LANSING, Mrs. J. H.
- **** and **SETON, E. T.**
1901. Bird portraits, &c. See SETON, E. T. and HOFFMANN, R.
1923. A guide to the birds . . . with special reference to New England and eastern New York. pp. xiii+357. 1 map. 95 figs. T. of c. addend. index.
 A new edition of the author's *Guide to the Birds*, 1904, under a slightly different title.
1925. Birds of the Pacific States, . . . description of 400 species. 8vo. pp. 353. 10 col. pl. 200 illust. in text. Boston.
 A semi-popular field manual useful to the outdoor naturalist.
- HOFFMEISTER, WERNER** [1819-45].
1848. Travels in Ceylon and India, including Nepal and parts of the Himalayas, to the Borders of Thibet. 8vo. pp. 12+527. 2 maps. Edinburgh.
 Of value to the student of vertebrate zoology. Several appendices include letters addressed to Humboldt on the birds of the Himalayas.
- HOGGEN, L. T.**
1918. Alfred Russel Wallace. The Story of a great Discoverer. 8vo. illust. London.
- HOGG, JOHN** [1800-69].
[1829]. On the natural history of the vicinity of Stockton on Tees. 4to. pp. [2]+94. map. Stockton-upon-Tees.
 The sub-title reads: '1. A Catalogue of most of the Birds which are known to frequent the Country near Stockton.'
1845. A catalogue of birds, observed in South-Eastern Durham, . . . with an appendix. 8vo. pp. 50.
 Reprinted, with additions, from the *Zoologist*. It is a brief, descriptive list of 210 species.
- HÖGMAN, SAMUEL.**
1873. Jemförande framställning af skeletbyggnaden hos Colymbus och Podiceps. (Upsala University thesis.) 8vo. pp. 4+40.
- HOLBÖLL, CARL PETER** [1795-1856].
1846. Ornithologischer Beitrag zur Fauna Groenlands; aus dem Dänischen uebersetzt und mit einen Anhang versehen von J. H. Paulsen. 8vo. pp. x+102. col. front. Leipzig.
 According to the translator's preface this fundamental study of the birds of Greenland was first presented to the 'Königl. dänische Gesellschaft der Wissenschaften' in 1840. The writer received for his work the silver medal of the Society, after which the monograph was published in vol. IV, part 4, of the *Zeitschrift für Naturwissenschaften*.
1854. Ornithologischer Beitrag zur Fauna Groenlands. Neue Ausgabe. 8vo. pp. x+102. col. front. Leipzig.
 A reissue of the first edition, 1846.
- HOLBROOK, JOHN EDWARDS** [1796-1871].
1842. North American Herpetology. 5 vols. 4to. illust. col. Philadelphia.
 An important work on local reptiles.
- HOLDEN, CHARLES F.** and **HOLDEN, G. H.**
1878. Holden's book on birds. 8vo. pp. (2)+128. 33 figs. Boston.
1881. Holden's new book on birds. 8vo. pp. (2)+128. 33 figs. Boston.
- HOLDEN, GEORGE HENRY** [1848-1914].
[1883]. Canaries and cage-birds. 4to. pp. 2+335. 7 col. pl. text-figs. New York.
- HOLDER, CHARLES FREDERICK** [1851-1915].
1886. The ivory king; a popular history of the elephant and its allies. 12mo. pp. 14+330. 22 pl. New York.
1887. Living lights; a popular account of phosphorescent animals and vegetables. New ed. 8vo. pp. 11+187. pl. London.
1903. The Big Game Fishes of the United States. 8vo. pp. 14+435. illust. index.
 An excellent, semi-popular description of many American fishes.
1910. Recreations of a sportsman on the Pacific coast. 8vo. pp. 9+399. 74 illust. New York.
- HOLDER, J. B.**
1846. Catalogue of birds noticed in the vicinity of Lynn, Mass., during the years 1844-6. 8vo. pp. 8. (Lynn Natural History Society. Publications, no. 1.)
 A catalogue of 185 species of birds, most of which are preserved in the Society's cabinets.
- HOLDSWORTH, EDMUND WILLIAM HUNT.**
[1872]. Catalogue of the birds found in Ceylon. 8vo. pp. 404-83. 4 pls. (col., XVII-XX). London.
 A well-annotated catalogue, in which 325 species are recognized. Of this number 37 species are exclusively confined to Ceylon. Author's reprint from the *Zoological Society of London, Proceedings*, 1872.
1877. Sea fisheries, by E. W. H. Holdsworth. Salmon fisheries, by Archibald Young. 12mo. pp. 4+300. illust. pl. London.
- HOLEWA, HUGO.**
?1899. Die Vogelfauna in Schlesien. 8vo. pp. 28. Teschen.
- HOLLANDSCHE MAATSCHAPPIJ DER WETENSCHAPPEN.** Haarlem.
1799-1844. Natuurkundige Verhandelingen. Series 1.
1841-68. Natuurkundige Verhandelingen. Series 2.
1872-date. Natuurkundige Verhandelingen. Series 3.
- HOLLISTER, NED** [1876-1927] and **KUMLIEN, L.**
1903. The birds of Wisconsin. See KUMLIEN, L. and HOLLISTER, N.
1911. A systematic synopsis of the Muskrats. 8vo. pp. 47. 5 pl. 1 col. map. Washington.
 No. 32 of North American Fauna by a brilliant naturalist in the service of the Biological Survey and Smithsonian Institution who died at the early age of 50 years. His numerous writings were mostly issued in the form of government publications.
1912. A list of the mammals of the Philippine Islands, exclusive of the cetacea. 4to. pp. 64. (Philippine Journal of Science, vol. 7, Sect. D, no. 1.) Manila.

↳ Holden, C. F. 1875. On birds. 8vo. illus.

↳ (Hoffmann Ralph.) ¹⁹²⁷ Birds of the Pacific States. 753 p. 1927.

1913. The game fishes of the world. xvi + 411 pp. 51 pl. London.

→ Hogg, John. 1882. The Parlour Menagerie. 4th ed., 300 pp.

by Bewick & others pp. 570. London 1882.

→ Horneyer, Systematische Uebersichte der Vogel Pommerus.

→ (Holmes, S.J.) 1911. Evolution of Animal Intelligence. pp. 296. / 3

→ Holzworth, John M. 1930. Wild Grizzlies of Alaska. 84 illus., map. New York.

→ Hong Kong naturalist. Vol. 3 - on.

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1916. A systematic account of the prairie dogs. (North Amer. Fauna, no. 40.) 8vo. pp. 37. 7 pl. Washington.
- 1918-24. East African mammals in the United States National Museum. 8vo. pp. 8+164. 57 pl. Washington.
- Author's reprint of Bull. 99, U.S. Nat. Mus. Smithsonian Institution.
- HOLMER, MARY R. NORRIS** [1874-].
1923. Indian bird-life. 8vo. pp. 9+100. col. front. index. London.
1926. Bird study in India; with an introd. by Lt.-Col. John Stephenson. 2nd ed. 12mo. pp. 148. 45 text-figs. London.
- HOLMES, SAMUEL JACKSON** [1868-].
1916. Studies in Animal Behaviour. London. A serious work on some phases of comparative psychology.
1928. The biology of the frog. 4th ed. pp. 9+386. illust. New York.
- HOLMESDALE NATURAL HISTORY CLUB, REIGATE, ENGLAND.**
1899-date. Proceedings.
- HOLMESWORTH, LEONARD.**
1905. Shakespeare's songsters and other birds, with over one hundred references. 8vo. pp. 42. 1 fig. T. of c. Leamington.
- HOLMGREN, AUGUST EMIL** [1829-88].
- 1865-71. Skandinaviens foglar. 2 vols. 9 pl. 161 figs. in text. (Handbok i zoologii). One of the authorities on Scandinavian birds. See also WIDEGREN, H.
- HOLT, E. W. L.** 1909. See CHALLENGER SOCIETY, 1909.
- HOLTEN, J. S.** 1788. See MÜLLER, O. F.
- HOLTE-WHITE, RASHLEIGH.**
1906. Letters to Gilbert White of Selborne. See MULSO, Rev. JOHN.
- HOLTZ, LUDWIG.**
1890. Ueber das Steppenhuhn, Syrrhaptus paradoxus, und dessen zweite Masseneinwanderung in Europa in Jahre 1888. 4to. pp. 78. Berlin. This pamphlet recounts the irruption in 1888 into Europe from somewhere in the East of the club-footed sand-grouse, 'in numbers quite incalculable'.
- HOLUB, EMIL** [1847-1902] and **PELZELN, AUGUST VON.**
1882. Beiträge zur Ornithologie Südafrikas. 8vo. pp. 384. 5 pl. (3 col.). 94 cuts. index. Wien. An important, systematic account of South African birds, in which are described two species new to science. The present copy is from the Cabanis-Reichenow collection.
- HOME, EVERARD** [1756-1832].
- 1814-28. Lectures on comparative anatomy; in which are explained the preparations in the Hunterian collection. 6 vols. folio. London. Volumes 2 and 6 of this monumental work have the plates; 5 and 6 form a supplement.
1822. On the anatomical structure of the eye; illustrated by microscopical drawings, etc. 4to. pp. 2+10. 7 pl. A well-illustrated study in comparative anatomy, mostly of cross-sections of the eyes of birds, eagle, goose, &c. The steel plates show well the histology of the parts. A repaged article from the Phil. Trans.
- HOME UNIVERSITY LIBRARY OF MODERN KNOWLEDGE.**
[1911?]. The animal world, &c. See GAMBLE, F. W.
1927. Birds; an introduction to ornithology. See THOMSON, ARTHUR L.
- HOMEYER, ALEXANDER VON** [1834-?1905].
1897. Meine Eier-Sammlung. pp. 19. Mimeographed autographed copy.
- HOMEYER, EUGEN FERDINAND VON** [1809-89].
1870. Erinnerungsschrift an die Versammlung der deutschen Ornithologen in Görlitz im Mai 1870. pp. 53. Stolp. Important review of ornithological progress during recent years with special articles by Drs. Brehm, Cabanis, and Wiedemann on Scandinavian, Siberian, and Portuguese birds.
- [1877]. Deutschlands Säugethiere und Vögel; ihr Nutzen und Schaden. 8vo. pp. 81. Leipzig.
1879. Die Spechte und ihr Werth in forstlicher Beziehung. 8vo. pp. 35. Frankfurt a.M. An interesting account of various species of Woodpeckers, especially in their relation to tree culture. A second edition (q.v.) of this brochure was published also in 1879. Both are presentation copies from the author.
1879. Die Spechte und ihr Werth in forstlicher Beziehung. 2te Aufl. 8vo. pp. 37. Frankfurt a.M.
1880. Reise nach Helgoland, den Nordseeinseln Sylt, Lyst, etc. 8vo. pp. 4+91. Frankfurt a.M. The author gives a descriptive catalogue of 114 bird species observed during a visit to Heligoland and neighboring islands.
1881. Ornithologische Briefe; Blätter der Erinnerung an seine Freunde. 8vo. pp. vi+340. Berlin.
1881. Die Wanderungen der Vögel mit Rücksicht auf die Züge der Säugethiere, Fische und Insecten. 8vo. pp. x+415. T. of c. Leipzig. The author was known as the Nestor of Ornithologists then living. This is his standard book on the migration of birds.
1885. Verzeichniss der Vögel Deutschlands. 8vo. pp. 16. Wien. A repaged excerpt with several pages of MS. notes by (?) Prof. Reichenow adding many species to the 357 listed by the writer.
- [1886]. Ornithologische Beobachtungen grösstentheils im Sommer 1869 auf einer Reise im nordwestlichen Russland gesammelt. See also MEWES, W.
- HOMING PIGEON ANNUAL.**
One volume yearly from 1906-16. See HOMING PIGEON. London.
- HOMING PIGEON, THE, and National Homing Union Members' Gazette,** with which is incorporated the **Homing News** and the **Homing World.**
1905-30. Weekly. 4to. Birmingham. This periodical deals chiefly with the activities of the various British societies and trades devoted to pigeon culture, as well as to racing and other forms of sport. It is specially the organ of the National Homing Union. It constitutes a valuable source of information touching all these matters as they developed in Great Britain at the beginning of the twentieth century.
- H-O-O.** See HAWKEYE ORNITHOLOGIST AND OOLOGIST.
- HOOD, THOMAS.** See (afterwards) COCKBURN-HOOD, 1872.

- HOOIJDONK, R. J. VAN.**
n.d. Over kanaries en volière-vogels. 8vo. pp. 48. Amsterdam.
- HOOKE, JOSEPH DALTON** [1817-1911].
1854. Himalayan journals; or, Notes of a naturalist in Bengal, the Sikkim and Nepal Himalayas, the Khasia mountains. 2 vols. 8vo. 2 maps. col. pl. text-figs. London.
1855. Himalayan journals. 2 vols. 8vo. Vol. I, pp. xvi+348. 4 pl. (1 col.). 37 figs. T. of c. Vol. II, pp. xii+345. 1 pl. 35 figs. T. of c. index. London.
A revised and condensed edition of the *editio princeps* of 1854.
- **** and BALL, JOHN.**
1878. Journal of a tour in Morocco and the Great Atlas. 8vo. pp. xvi+499. 8 pl. 1 map (fold.). 13 figs. T. of c. 11 append. index. London.
- HOOKE, WILLIAM JACKSON** [1785-1865].
1813. Journal of a tour in Iceland in the summer of 1809. 2nd ed. Additions. 2 vols. 8vo. illust. pl. maps. London.
- HOOSIER NATURALIST.** See KANSAS CITY SCIENTIST.
- HOPKINS MARINE LABORATORY.**
Ieland Stanford University.
1895-1904. Contributions. Nos. 1-32. (Mostly on Fishes and Flora.) All pub. See UNION LIST OF SERIALS, p. 1383.
- HOPKINSON, EMILIUS** [1869-].
1926. Records of birds bred in captivity. 8vo. pp. 9+330. London.
A valuable work on this subject, including an account of (1) species that have been bred in confinement, (2) hybrids that have been bred, and (3) a summary of the records—816 species in all.
- HOPLEY, CATHERINE C.**
1882. Snakes: Curiosities and Wonders of Serpent Life. 8vo. pp. 614. col. pl. text-figs. London.
- HOPWORTH, HENRY HOYLE** [1842-1909].
1887. The Mammoth and the Flood, etc. 8vo. pp. 32+464. London.
A contribution to the controversial side of evolution, being 'an attempt to confront the Theory of Uniformity with the facts of recent Geology'.
- HORN, CAPE.**
1885-91. Mission scientifique du Cap Horn. 7 vols. in 9 and 2 pts. Complete. 4to. See CAPE HORN.
- HORN, G.**
1669. Arca Mosis sive historia mundi. Magdeburgi.
- HORN, WILLIAM A.**
1896. Report on . . . the Horn Scientific Expedition to Central Australia. . . Edited by Baldwin Spencer. 4 vols. 4to. many pl. and text-figs. Melbourne and London.
The report of this important natural history excursion includes a section on the Mammalia and Amphibia of the visited areas by Baldwin Spencer; Aves by A. J. North and G. A. Keartland; Reptilia by A. H. S. Lucas and C. Frost, and Pisces by A. Zietz.
- HORNADAY, WILLIAM TEMPLE** [1854-].
1885. Two years in the jungle; the experiences of a hunter and naturalist in India, Ceylon, the Malay Peninsula and Borneo. 8vo. pp. xxii+512. 46 pl. 2 maps. 2 figs. T. of c. append. index. New York.
1904. The American Natural History as a Foundation of useful knowledge of the higher animals of N. America. 4to. illust. London.
1904. Guide to the New York Zoological Park. New York.
1904. Two Years in the Jungle, etc. 7th ed. New York.
1906. Popular official guide to the New York Zoological Park. 8th ed. 8vo. pp. xiv+113. 3 figs. 3 maps. index. New York.
1907. Camp Fires in the Canadian Rockies. New York.
1908. Camp Fires on Desert and Lava. 63 pl. N. Y.
1913. Our vanishing wild life; its extermination and preservation. 8vo. pp. xv+411. 94 figs. (10 maps). index. New York.
1914. The American natural history; a foundation of useful knowledge of the higher animals of North America. 4 vols. 8vo. 16 col. pl. 367 other illust. charts. maps. New York.
An admirable, semi-popular treatise that includes the whole range of vertebrate zoology except the fishes.
1917. Our Vanishing Wild Life. New ed. 8vo. pp. 411. illust. New York.
1919. Popular official guide to the New York zoological park. 16th ed. 8vo. pp. 192. 124 figs. 3 maps. T. of c. index. New York.
1922. The minds and manners of wild animals; a book of personal observations. pp. x+328. 22 pl. T. of c. index. New York.
1929. Taxidermy and zoological collecting. 8vo. pp. 21+364. illust. pl. New York.
- HORNERO, EL. Revista de la Sociedad Ornitológica del Plata para el estudio y protección de las aves de la Argentina y países vecinos.**
1917-30. 8vo. illust.
As the title indicates, this scientific journal is devoted to the ornithology of Argentina and surrounding countries, substantially to a study of South American ornithology. It is issued under the auspices of the Ornithological Society of La Plata, whose President (1916-20) was Dr. Roberts Dabbene and Secretary Pedro Serie. *El Hornero* is illustrated chiefly by black-and-white reproductions of photographs.
Among the contributors are the President and Secretary of the Society as well as M. Selva, M. Doello-Jurado, H. Ambrosetti, C. S. Reed, K. Wolffhugel, J. B. Daguerre, and many others.
- HORREBOW, NIELS** [1712-60].
1758. The natural history of Iceland. folio. pp. xx+207. (map fold.) T. of c. London.
This translation from the original Danish gives a good account of the natural history of the island.
- HORSBRUGH, BOYD ROBERT.**
1912. The game-birds & water-fowl of South Africa. Issued in four parts. 4to. pp. xii+159. 67 pl. (col.). index. London.
- HORSFIELD, HERBERT KNIGHT.**
[1923]. Side lights on birds; an introduction to the study of British bird life. 8vo. pp. 224. 18 pl. London.

1863

→ Hooker, W. nn (The Child's Book of Nature. (3 pts in 1)).

- 1917. Statement of the Permanent Wild Life Protection Fund. vol. 2 (1915-16) and other bulletins on American birds. 800. illus.

Hume, Aviary pheasants and how to rear them.

- 1893. British reptiles and batrachians. front., illus.

- Hume, George. N.D. Pheasant Keeping for Amateurs. 8 Vo. 911.
pp. 96. Index. London.

→ (Horsfield, H.N.) 1908. English Bird life. 100 photos. 800.

→ 1929. Field Book of a Jungle Wallah. Cl. 800. ill. London.
(C.H. 101)

→ Hensman, H. 1881. Story of our museum, how we formed it, and what it
taught us. illus. London.

→ Howard, E. and Sigerist. H.E. 1927. Corpus Medicarum Latinorum -
Vol. IV. Sexti Placiti Liber Medicinalis ex Animalibus
pp. 347. Illust. Index 8 Vo.

HORSFIELD, THOMAS [1773-1859].

[1820]. Systematic arrangement and description of birds from the Island of Java. *4to.* pp. 68. (*Linn. Soc. Trans.*, vol. 13, 1820.) London.

1824. Zoological researches in Java, and the neighbouring islands. *4to.* pp. (8)+(318). 72 pl. (64 col.). London.

Originally issued in eight parts, 1821-4, with descriptions of the quadrupeds and birds.

**** and **MOORE, FREDERIC.**

1854-8. A catalogue of the birds in the museum of the East-India Company. 2 vols. *8vo.* Vol. I, pp. xxx+451+1. Vol. II, pp. 453-752. London.

For a discussion (by Zimmer) of dates of issue of this very important, fundamental work see the *Ayer Catalogue*, part 1, p. 308. The present copy is interleaved and replete with voluminous notes and added MS. papers by Frederic Moore, the junior editor—apparently for a second edition. He dates (as does the title) vol. I '1854', vol. II '1858'.

HÖRTER, J.

[1888]. Modell-Brieftauben-Album, Aquarellen gemalt. See BUNGARTZ, JEAN.

HORTLING, IVAR.

1921. Fågelstudier ute i det fria. *8vo.* pp. 51. *text-culs.* Helsingfors.

A school study (in Swedish) of birds in the open by a student of the Swedish Lyceum in Helsingfors.

1929. Ornithologisk Handbok med beskrivningar över alla i Finland anträffande fågelarter, etc. 3 pts. *8vo.* pp. 200. many *text-figs.* Helsingfors.

This is the first part of a complete manual on Finnish birds, printed in Swedish. It closely follows Witherby's *Practical Handbook*, many of the illustrations having been borrowed from that useful work.

HORTUS (Ortus) SANITATIS MAJOR. *Garden of Health. Gart der Gesundheit.*

1497. Herbal with zoological references and illustrations. *Editio princeps* issued 1485.

The author of this extremely rare incunable—a famous faunal and floral work—is unknown. It is generally attributed to Johann de Cube (Johan Wonnecke of Caub) who certainly had some share in the production of the treatise. See CUBE, JOHANN DE in this Catalogue. The *Hortus Sanitatis* is often regarded as a Latin translation of the earlier German *Gart (Garten) der Gesundheit* but there are many differences in the various translations of the work that convinces one of its different character. The present copy may briefly be described as a folio (*Hortus Sanitatis Major*), 360 leaves; col. woodcuts (3 full-page, 530 plants, 164 quadrupeds, 122 birds, 106 other animals); red initials; contemporary marginal notes. *Argentorati*, J. Prüss. Fine copy. Hain—Cop. 894. First edition from the Prüss press.

1499. 3rd ed. of the Prüss press. Hain—Copinger 8943. Klebs 4, p. 28. Very rare. No copy in the Br. Mus. *Black letter.* 2 cols. 55 lines. 360 leaves. 4 large woodcuts. Johann Prüss. Strassburg.

The editions of Prüss, and not the original edition of Meydenbach, seem to have been the models for all the later Latin prints of the *Hortus* and its translations into French and German. The Latin work contains 1,066 chapters, i.e. more than double the number of the German *Hortus*. Large parts, as the treatises on animals, birds, and fishes, are almost unrepresented in the *Gart*, and even the section on herbs, which could have been borrowed from the German work, owes very little to it. The text of the Latin work is very different from that of the German. This Latin *Hortus* contains the following parts: Prohemium (for the most part a translation of the preface to the German work); the herbal (530 chapters); a treatise on land animals (164 chapters); a treatise on birds (122 chapters); a treatise on fishes, &c. (106 chapters); a treatise on stones and minerals (144 chapters); a treatise on urine (considerably longer than, as well as different from that of the German *Hortus*), a long therapeutical index of diseases referring separately to each division of the book, and an alphabetical index to each part.

1499. *Gart der Gesundheit.* folio. 170 ll. many *illust.*

The Blacker library has a damaged and incomplete copy of this German edition.

1511. Latin copy. *in Blacker Lib.*

1517. Incomplete copy in Dean Adam's Library.

1528. A Strassburg edition in Dean Adam's Library.

1925. Reprint (facsimile) of the *editio princeps*, Peter Schoeffer, Mainz, Gart der Gesundheit, 1485. Contains also many notes with bibliography of 15th-16th-century herbals. München.

HOSE, CHARLES.

1893. A descriptive account of the mammals of Borneo. *8vo.* pp. 78. 3 col. pl. 1 map. London.

The value of this useful work of reference is largely due to the assistance of M. R. O. Thomas who has described the fauna.

HOSSACK, WILLIAM C.

1907. Aids to the identification of rats connected with plague in India, with suggestions as to the collection of specimens. *4to.* pp. [4]+10. pl. Allahabad.

HOSSINO.

1924-6. Arbeiten der Biologischen Station zu Hossino. 3 vols. Text Russian and German.

HOUGHTON, WILLIAM [1825-97].

1869. Country walks of a naturalist. *12mo.* pp. vi+154. 8 pl. (col.). 46 figs. *T. of c.* London.

[1879]. British Freshwater Fishes. 2 vols. *4to.* 64 col. lith. London.

One of many descriptive works of the kind. The author had the aid in preparing this work of a good artist, A. F. Lydon.

[1879]. Gleanings from the natural history of the ancients. *8vo.* pp. (4)+252. 31 figs. *index.* London.

HOULTON, CHARLES.

n.d. Cage-bird hybrids; directions for selection, breeding, etc. pp. (2)+128. 31 pl. (16 col.). 106 figs. *index.* London.

HOUSE, CHARLES ARTHUR.

[1909]. Norwich canaries. *8vo.* pp. 48. 5 pl. London.

1911. Our canaries. See ST. JOHN, CLAUDE.

[1919]. Canary manual, a practical guide to the general management and breeding of canaries. 6th ed. *8vo.* pp. (8)+102. 11 pl. *T. of c. index.* London.

[1923]. Canaries. *8vo.* pp. 257. 29 pl. (2 col.). 73 figs. *T. of c. index.* London.

Probably the most up-to-date book on the breeding, rearing, and general management of canaries.

HOUSSAY, FRÉDÉRIC.

1893. (The) industries of animals. *12mo.* pp. ix+258. 44 figs. *T. of c. append. index.* London.

The book forms vol. 23 of 'The Contemporary Science Series' edited by Havelock Ellis.

HOUTTUYN, MARTIN [1770-1829].

1761-85. *Natuurlyke Historie, of uitvoerige Beschryving der Dieren*, etc. 37 vols. *8vo.* Amsterdam.

This cyclopedic natural history is divided into three sections, (1) Animals, 18 parts, 1761-3; (2) plants, and (3) minerals. The Linnean system is strictly followed. The present copy does not contain the section on plants.

1772-81. See EDWARDS, GEORGE.



HOWARD, HENRY ELIOT [1873-].

1907-15. The British warblers; a history, with problems of their lives. 2 vols. 8vo. Vol. I, pp. xv + (1) + 228. 23 pl. (col.). 35 pl. 8 pl. (col. maps). T. of c. Vol. II, pp. x + 240. 12 pl. (col.). 16 pl. 4 pl. (maps col.). T. of c. index. London.

A well-known systematic study, issued in 10 parts, and illustrated with numerous beautiful plates by Grönvold.

1920. Territory in bird life. 8vo. pp. xiii + 308. 10 pl. 2 plans. T. of c. index. London.

Arguments for a definite 'territory' or domain claimed by each breeding male, from which he fights off any rivals and eventually by his singing from this area attracts a partner with whom he mates and accomplishes the duties of reproduction. The same idea was independently evolved by H. Mousley in his paper *The Singing Tree* (*Auk*, 1919, pp. 339-48) which should be read in conjunction with this work.

1929. An introduction to the study of bird behaviour. 4to. pp. xi + 136. 12 pl. 3 figs. T. of c. index. Cambridge.

Conclusions drawn from an intensive study during the breeding season of the behavior of a Reed Bunting and a Yellow Bunting.

HOWE, REGINALD HEBER, jr. [1875-].

1896. 'Every bird;' a guide to the identification of the birds of woodland, beach and ocean. 8vo. pp. vii + 195. 124 figs. append. index. Boston.

1896. A list of the birds of Bristol, Rhode Island, and adjacent localities.

1897. Birds of Brookline, Mass.

**** and **STURTEVANT, EDWARD.**

1899. The birds of Rhode Island. 2 vols. in 1. 8vo. pp. 111. 5 pl. T. of c. 2 indexes. Middletown. An annotated list of 290 species and subspecies.

**** and **ALLEN, GLOVER MORRILL.**

1901. The birds of Massachusetts. 8vo. pp. 154. T. of c. bibliogr. 2 indexes. Cambridge (U.S.A.). An annotated list of 362 species and subspecies accredited to the State to date, with a bibliography.

1902. Review of Perkins' List of Birds of Vermont, etc. Longwood, Mass.

**** and **STURTEVANT, EDWARD.**

1903. A supplement to the birds of Rhode Island. 8vo. pp. 24. T. of c. Middletown. Additional notes to the authors' original paper of October 1899, bringing the number of recorded species to 295, as against the 290 previously recorded.

HOWELL, ALFRED BRAZIER.

1917. Birds of the Islands off the Coast of Southern California. (Pacific Coast Avifauna.) 4to. pp. 127. index. Hollywood, Calif.

1930. Aquatic mammals. Their adaptations to life in the water. 8vo. pp. xii + 338. 53 figs. Springfield, Ill.

HOWELL, ARTHUR HOLMES [1872-].

1911. Birds of Arkansas. 8vo. pp. 100. 8 pl. 4 figs. T. of c. index. Washington.

Author's reprint from *Bull. Biological Survey*. An annotated list of 255 species and subspecies.

1914. Revision of the American harvest mice. (Genus *Reithrodontomys*.) Washington.

1918. Revision of the American flying squirrels. (North Amer. Fauna, no. 44.) 8vo. pp. 64. 7 pl. Washington.

1924. Revision of the American Pikas (Genus *Ochotona*). (North Amer. Fauna, no. 47.) 8vo. pp. 57. 6 pl. Washington.

1924. Birds of Alabama. 8vo. pp. 384. 6 pl. 31 figs. T. of c. bibliogr. index. Montgomery, Ala.

A revised and extended edition of the original 1911 issue, forming the present authority on the subject.

HOWES, PAUL GRISWOLD.

1917. Tropical wild life in British Guiana. See BEEBE, C. W.

HOWITT,

1844. Coloured Illustrations of British Oölogy. Manuscript with about 400 original colored drawings illustrating the eggs of British birds. Unique and unpublished.

The first name (and life dates) of the author-artist cannot be found. It was probably not the well-known naturalist William Howitt (1789-1877) whose wife's name was Mary.

HOWITT, SAMUEL [1765-1822].

1811. A new work of animals, principally designed from the fables of Aesop, Gay, and Phaedrus. pp. (2). 56 pl. London.

HOWORTH, HENRY HOYLE [1842-?1912].

1887. The mammoth and the flood; an attempt to confront the theory of uniformity with the facts of recent geology. 8vo. pp. 32 + 464. London.

HOY, PHILO ROMAYNE [1816-92].

1854. Birds of Western Missouri. (From Hoy's *Journ. of Exploration*.) Smithsonian Institution, Washington.

HRVATSKA ORNITOLOŠKA CENTRALA, GODIŠNJI IZVJEŠTAJ.

Bericht über die Tätigkeit der Hrv. Ornitoložka Centrala. [Year-book of the Central (Croatian) Ornithological Society.] 8vo. Published in Zagreb (Agram), Croatia I. Year 1900 (1901) to XVIII Year, 1918 (1919). Edited by Doctor Prof. Ervin Rossler, in Croatian and German.

The (Croatian) Central Ornithological Society is a branch of the Croatian Society of Natural History and this Year-book was issued as one of the publications of the latter.

The periodical is largely an annual review of work done by members and at Stations of the Central Ornithological Society, especially on the *migration of birds*. Supplements to the annual were published by the Editor in 1907, giving historical and other data affecting bird migration in Central Europe.

HRVATSKO PRIRODOSLOVNO DRUŠTVO U ZAGREBU. Glasnik.

1886-date. Nos. 1-5 Societas Scientiarum Naturalium Croatica.

HSIEH TÊ-YÜ [20th cent.].

1923-4. Chin shih tung wu hsüeh. Modern zoology. 2 vols. 22.5 × 16 cm.

In the Gest Library.

HSIEH WEI-HSIN [13th cent.].

ca. ?1500. Ku chin ho pi shih lei pei yao. 25.7 × 17.2 cm.

An encyclopedic work, including material on animals, birds, insects, fishes, *pieh chi*. Chüan 62-94; published in the Ming Dynasty (1368-1644).

In the Gest Chinese Library of McGill University.

HSU CHIA CH'ING. 1927. See TU YA TS'UN.

1931. Florida Bird Life. pp. 37 col. pl., Tallahassee, Fla.

Howe, Carlisle D. 1905 Fifty common Birds of Vermont. 12 mo, wrapper

16. gr. Illus. ~~Montpelier~~ Montpelier.

1810-15] S. Howitt
British Preserve. with sketches from drawings n.d. no text ^{new}

→ Hudson, W. H. Mature in downland.
--- Portrait by Morley Roberts.

HUBBARD, EMMA.

1895. Bird notes. See HAYWARD, J. M.

HUBBARD, ROSE E. [1851-?1913].

1888. Ornamental waterfowl: a practical manual on the acclimatization of the swimming birds, with description of a hundred and thirty species. 8vo. pp. vii+201. London.

HUBBS, CARL LEVITT [1894-].

1918. Notes on fishes from the Athi River in British East Africa. Chicago.

HUBER, JEAN [1722-86].

1784. Observations sur le vol des oiseaux de proie. 4to. pp. 51. 7 fold. copper pl. Genève.

The above is one of the earliest monographs on the mechanism of bird-flight (as seen in birds of prey), and for that reason is of interest to students of airmanship. The present copy is from the Ashburnham Library.

HÜBNER, ERNST.

1905. Wetterlagen und Vogelzug. folio. pp. [102]. 4 tab. (Kaiserl. Leop.-Carol. Deutsche Akademie der Naturforsch. Abt. Nova Acta, vol. 84, no. 4.) Halle.

A rather rare excerpt, from the Cabanis-Reichenow collection, on the relation between weather conditions and avian migration, as exemplified by the wanderings in Europe of the robin redbreast.

1908. Avifauna von Vorpommern und Rügen. 4to. pp. xix+155. Leipzig.

A descriptive list of 318 varieties of birds visiting the island of Rügen and the borders of Pomerania, with notes on their migration and other habits.

HUBRECHT, AMBROSIUS ARNOLD WILLEM. See

BRONN, H. G., Die Klassen, etc., 1859-97. Also VETH, P., 1881-92.

HUDDERSFIELD NATURALISTS' SOCIETY. 1883. See also NATURALIST (THE).**HUDSON, J. D.**

1920. The heron of Castle Creek, etc. See REES, (THOMAS) ALFRED WELLESLEY.

HUDSON, WILLIAM HENRY [1841-1922].

1888-9. Argentine ornithology. See SCLATER, P. L.

1892. The naturalist in La Plata. 8vo. pp. ix+388. 4 pl. 23 figs. T. of c. index. London.

Some portions of this charming work had already appeared in various English magazines. The first printing of the first edition appeared in February of 1892, the present edition in June of that year.

[1894]. Lost British birds. pp. 1+32. 15 text-figs. (Society for the Protection of Birds, No. 14.) London.

A popular account of extinct and vanishing species of British birds. The copy in hand is an autographed presentation by the author, from the P. L. Sclater collection.

1895. British birds. 8vo. pp. 22+363. 16 pl. (8 col.). 120 text-figs. London.

A semi-popular handbook by this popular writer.

1898. Birds in London. 8vo. pp. xvi+339. 30 pl. (15 col.). text-figs. index. London.

1901. Birds and man. 8vo. pp. 317. index. London.

Partly reprints of magazine articles.

**** and **WOODROFFE, W. L.**

1902. Bird-catching. [A protest.] pp. 4. London.

[1902]. Feathered women. 8vo. pp. 4. London. Against the slaughter of beautiful birds for fashion's sake. It forms Leaflet No. 10 of the Society for the Protection of Birds.

[1902]. Osprey; or, Egrets and aigrettes. 8vo. pp. 10+(2). London.

1907. See FOUNTAIN, PAUL.

1919. Birds in town and village. 8vo. pp. ix+274. 8 pl. (col.). T. of c. London.

1919. The book of a naturalist. 8vo. pp. viii+360. T. of c. index. New York.

1920. Adventures among birds. 8vo. pp. x+319. 61 figs. T. of c. index. New York.

The first edition was issued, London, 1913.

1920. Birds and Man. 8vo. pp. 306. col. front. index. New York.

An American edition of this well-known book.

1920. Birds of La Plata. 2 vols. 8vo. Vol. I, pp. xvii+244. 11 pl. (col.). T. of c. index. Vol. II, pp. ix+240. 11 pl. (col.). T. of c. index. London.

The matter in these volumes formed Hudson's first book on bird life, written in collaboration with Philip Lutley Sclater, under the title of *Argentine Ornithology*, 1888-9. In the present work the classification, synonymy, &c. in the former work has been expunged, leaving only the account of the birds' habits as written by Hudson himself. The plates are new.

1922. A hind in Richmond park. 8vo. pp. xvi+335. T. of c. London.

The last of the author's works, finished only the day before his death. It is a series of essays dealing with the author's observations on migration, sense of smell, music, and power of telepathy, &c. in birds and animals.

1922-3. Collected works. 24 vols. 8vo. portr. London.

Most of this famous writer's works deal with various phases of animal life, vertebrate and invertebrate, all of them written in his usual charming style.

1923. Rare, vanishing & lost British birds, compiled from notes by W. H. Hudson, by Linda Gardiner. 8vo. pp. xix+120. 25 pl. (col.). T. of c. index. London.

HUEPSCH, JOHANN WILHELM KARL ADOLPH [1726-1805].

1781. Naturgeschichte des Niederdeutschlandes und anderer Gegenden. Erster Theil. 4to. pp. [12]+44. 'Eight plates of the 2nd pt. are said to have been pub., but no text.' (B. Mus. Nat. Hist. Catal.) Nürnberg.

HUET, JEAN BAPTISTE [1745-1811].

1829. Collection de mammifères du Muséum d'histoire naturelle de Paris. 4to. pp. 2+60. 55 pl. (col.). Paris.

A fundamental work of reference for students of mammalian life.

HÜGEL, CARL ALEXANDER ANSELM [1796-1870].

1840-8. Kaschmir und das Reich der Siek. 4 vols. in 6. 8vo. illust. pl. Stuttgart.

The zoological portion of vol. 4, pt. 2, is bound separately.

HUGHES, GRIFFITH.

1750. The natural history of Barbados. 4to. pp. 7+314. map. 30 pl. London.

A standard work on the early natural history of the island.

HUGO, THOMAS [1820-76].

1866. The Bewick collector. A descriptive catalogue of the works of Thomas and John Bewick. 4to. pp. 23+562. 112 cuts. London.

The most complete and interesting of the Bewickiana. A supplement was published in 1868.

1866-8. The Bewick Collector, etc., with supplement. 2 vols. London.

Together these volumes are occasionally issued as a second edition, although the first volume is identical with the single work of 1866.

1870. Bewick's woodcuts: impressions of upwards of two thousand wood-blocks. folio. pp. 7+28. 247 pl. portr. See also BEWICK, THOMAS. London.

HUGUES, PIETRO. 1831. See JACOB, N. H.

HUGUENY, C.

1890. Système de la Nature. Paris.

HULBERT, WILLIAM DAVENPORT [1868-1913].

1903. Forest neighbours; life stories of wild animals. 8vo. pp. 20+240. pl. London.

HULL LITERARY AND PHILOSOPHICAL SOCIETY. Hull.

1864-5. Annual Reports.

1865-9. Annual Report and Proceedings.

1870-96? Annual Report and Transactions.

HULL SCIENTIFIC AND FIELD NATURALISTS' CLUB. Hull.

1898-date. Transactions.

HUMBOLDT, FRIEDRICH HEINRICH ALEXANDER VON [1769-1859].

1805. Versuche ueber die electrischen Fische. 8vo. pp. 25. Erfurt.

**** and **BONPLAND, A. J. A.**

1805-37. Voyage aux Régions Équinoxiales du Nouveau Continent, fait en 1799-1804, etc. Text and atlases. 24 vols. 4to. and folio. Paris.

The second part of this immense and extremely important work contains the papers on vertebrate zoology, mostly on the history and comparative anatomy of monkeys and reptiles—very little on birds. Baron Humboldt contributed all the (numbered) articles, except those by Baron Cuvier on the anatomy of the Axolotl, and A. Valenciennes on freshwater fishes. Bonpland's contributions were outside the region of zoology—chiefly on botany. Many supplementary works in French, German, English, &c. on the various activities of this famous expedition are in print.

**** and **BONPLAND, A. J. A.**

1815-32. Reise in d. Aeq.-Gegenden . . . d. Cont. 6 vols. 8vo. Stuttgart.

Largely abstracted from these authors' *Voyage aux Régions Équinoxiales*.

1854-6. Alex. von Humboldts Reisen in America und Asien. 4 vols. in 2. See KLETKE, H. Berlin.

1874. Ausgewählte Werke. 5 vols. Stuttgart.

**** and **BONPLAND, A. J. A.**

1894-1900. Personal Narrative of Travels, etc. . . . 1779-1804. 3 vols. London.

A recent reprint of the 1818-19 English edition. See *Br. Mus. Catalogue, Nat. Hist.*, p. 891.

1899. Beitrage . . . d. 100 Jahr. Wiederkehr . . . Reise nach America. Berlin.

HUMBOLDT. Monatsschrift für die Gesamten Naturwissenschaften. Stuttgart.

1882-90. 1-5. Merged into *Naturwissen. Rundschau*.

HUME, ALLAN OCTAVIAN [1829-1912].

1869-70. My scrap book; or Rough notes on Indian oology and ornithology. 8vo. Pt. I, No. 1, pp. x+238. Pt. I, No. 2, pp. iv+239-422.

Calcutta.

The two numbers of part 1 contain the author's notes on the Raptores, which it was intended to complete in a further No. 3, never published.

**** and **HENDERSON, G.**

1873. Lahore to Yarkand. Incidents of the route and natural history of the countries traversed by the expedition of 1870, &c. See HENDERSON, G.

1873-1900. See STRAY FEATHERS.

1879. A rough tentative list of the birds of India. Reference edition corrected to 1st March, 1879. 8vo. pp. 78. Calcutta.

A useful work of reference extracted from *Stray Feathers*, April 1879. The copy in hand is from the library of P. L. Sclater.

**** and **MARSHALL, C. H. T.**

1879-81. The game birds of India, Burmah and Ceylon. 3 vols. 4to. Vol. I, pp. 2+279. 45 pl. (col.). *T. of c.* Vol. II, pp. 2+264. 44 pl. (col.). *T. of C.* Vol. III, pp. 2+438. 51 pl. (col.). 4 pl. (col. eggs). *T. of c. append. index.* Calcutta.

An admirable scientific treatise, Hume being responsible for the text, Marshall for the plates.

1889-90. The nests and eggs of Indian birds. 2nd ed. edited by E. W. Oates. 3 vols. 8vo. Vol. I, pp. x+397. 3 pl. 2 indexes. Vol. II, pp. ix+420. 3 pl. 2 indexes. Vol. III, pp. ix+461. 3 pl. 2 indexes. London.

A second edition of Hume's *Nests and Eggs of Indian Birds, Rough Draft, 1873-75*.

HUME, GEORGE SHERWOOD [1893-].

1925. The Palaeozoic outlier of Lake Timiskaming, Ontario and Quebec. 8vo. pp. 4+129. *illust. pl.* (Canada Geol. Survey, Memoir 145.)

Ottawa.

HUMMER, THE. Devoted to Bird Life. Published by the Bonwell Publishing Co., Nebraska City, Neb. Editors: J. Robin Bonwell and M. A. Carriker. Monthly. 12mo.

Frank Burns furnishes the following notes: Vol. I, Nos. 1-9, May 20th, 1899-March 28th, 1900. 24 pp. Nos. 5/6 form a double number. (All issued.)

Among the contributors to this small sheet were J. R. Bonwell, M. A. Carriker, C. H. Sleight, and R. P. Smithwick.

HUMMING BIRD, THE. A Monthly Scientific, Artistic and Industrial Review. Edited by Adolphe Boucard. Vols. 1-5 (all issued).

1891-5. 4to and 8vo. Monthly (later quarterly). London.

This periodical is a curious but in some respects valuable *mélange* of French and English text. The Editor (who is practically the sole contributor to its columns) treats his readers to a description of the World's Fair in Chicago, to a eulogy of President Grover Cleveland, to a list of articles affected by the McKinley tariff, to lists of duplicate bird-skins for exchange, &c. In this *olla podriga* are, however, occasional instructive scientific references. The chief value of the journal lies in the publication (in full) of Boucard's well-known *Genera of Humming Birds*. It was issued as a supplement to each number (dated 1893-5), part IV, vol. V contributing, for example, pp. 203-404 for that purpose.

→ Halbur, C. 1823. *Museum Americanum*.

= Humboldt, A. von. 1849. *Ausichten der Natur*. 2 pts, 1 vol. Stuttgart.

Hunt, John. [See] also British Birds [Magazine] Vol. XI, pp. 125-137 and 148-155.

HUMMING BIRD, THE. Devoted to Ornithology and Oology. Edited and pub. by J. W. P. Smithwick. Sans Souci, North Carolina, U.S.A. 3 x 4 inches. Vol. I, No. 1, Nov. 1890, pp. 8 (all issued).

Frank Burns notes that an original paper on the Prothonotary Warbler was contributed by the editor to this diminutive magazine.

HUMPHREYS, S.

1740. See ANONYMOUS, Nature displayed.

HUNGARY. Magyar Királyi Földmívelésügyi Ministerium.

1907. The International convention for the protection of birds concluded in 1902. See HERMAN, OTTÓ.

HUNT, JOHN.

1815-22. British ornithology; containing portraits of all the British birds, including those of foreign origin. 3 vols. 8vo. Vol. I, pp. (2)+183. 34 pl. (col.). Vol. II, pp. (2)+365. 59 pl. (32 col.). Vol. III, pp. (2)+138. 99 pl. (94 col.). Norwich.

The volumes in hand form a magnificent copy of this rare work. It was never completed, p. 138 of vol. III ending in the middle of a sentence, and there are 78 plates (77 col.) in that volume for which no text exists. The treatise appeared in 15 parts with 12 colored plates in each part, according to Engelmann. The original covers to parts 13 and 14 are bound in with the present copy which is from the Mullens Library. This copy has all the plates, both colored and uncolored, known to exist, and moreover has one more colored plate to vol. II than the collation given in Mullens' Bibliography, and two more plates in Vol. III than in Elliott Coues' collation. According to general opinion this copy is the finest in existence. See HUNT MISCELLANY.

HUNTER, JOHN [1728-93].

1786. Observations on . . . the Animal Economy. 4to. [O. 1222.] London.

1837. The same, with additions and notes by Richard Owen. 8vo. [O. 1223.] London.

1861. Essays and observations on Natural History. By Richard Owen. 2 vols. 8vo. [O. 1233.] London.

John Hunter was a celebrated English surgeon whose radical teachings influenced scientific thought and advanced greatly the status of medicine and other departments of research.

HUNTINGTON, DWIGHT WILLIAMS [1851-?1922].

1903. Our feathered game; a handbook of the North American game birds. 8vo. pp. xii+396. 8 pl. (col.). 135 figs. 29 pl. T. of c. append. index. New York.

1910. Our wild fowl and waders. pp. v+207. 25 pl. 2 figs. T. of c. append. index. New York.

Devoted entirely to the practical conservation of game.

HUNT MISCELLANY.

n.d. Comprising Autograph Letters from Captain Hugh Stewart Gladstone (11) and A. R. Grand, a grandson of John Hunt (6) concerning the collation of the scarce work Hunt's British Ornithology and Evidence concerning the birth and death of the author. Portrait of Hunt (a photographic copy of a drawing by R. Jean, 1813), uncolored plates in duplicate of the Great Auk and Black Headed Gull. Typescript Index to Text and Plates. 1 vol. 4to.

A unique collection from the Mullens Library. See HUNT, JOHN.

HUPERZ, THEODOR [1825-92].

1898. Die geflügelzucht. Anleitung, durch rationelle wahl die heimische geflügelhaltung und ihre erträge zu heben. 8vo. pp. 8+283. 63 figs. in text. Neudamm.

The second edition of a popular work on farmyard fowls. The first edition appeared in 1880. From the Cabanis-Reichenow collection.

HURDIS, JOHN L.

1859. The naturalist in Bermuda. See JONES, J. M.

1897. Rough notes and memoranda relating to the natural history of the Bermudas. 8vo. London.

HURST, C. HERBERT and MARSHALL, A. M.

1895. A junior course of practical zoology.

This popular text-book passed through many editions. The Blacker Library has the present printing, as well as the sixth edition, 1905, and a revised edition, 1918. See also MARSHALL, A. M.

HUSĀMĪ.

1829. Persian Poem on the Horse. In double-col. manuscript. Black-and-red letters. small 8vo. Dated 1245 A.H.

Secured in Haydarabad, Deccan, by W. Ivanow for the Blacker Library. Transcriber and author unknown. It may have been copied from a lost original in Shiraz.

HUSAM U'D-DAWLAH TAYMŪR MĪRZĀ

[d. 1874].

1908. The Bāz-nāma-yi nāsiri, a Persian treatise on falconry. 8vo. pp. xxiv+195. front. 24 figs. T. of c. London.

This treatise on Falconry, of which the present volume is a translation by D. C. Phillott, was composed in 1868 and was originally lithographed in Teheran. A second, and perhaps a third, edition was lithographed in Bombay, a few pages on pigeons and game-fowl, apparently written in India, being added as an appendix. The present translation was made from a copy of the original Teheran edition to which marginal notes have been added by a former owner. In Persia, and around Baghdād, Taymūr Mirzā's name is still a household word. 'Ah,' exclaim the Persians when hawking is mentioned, 'if Taymūr Mirzā were only here.'

HUSAYN HUSAYNI TAYYIBI.

ca. 1785. Ladhhatu'l-hawwam. Treatise on hunting and animals. Persian MS. 8vo. 20 ff.

Part of a rare MS. on the above subject.

HUSEN, EBBA VON.

1913. Zur Kenntnis des Pectens im Vogelauge. Inaugural-Dissertation. (Universität Tübingen.) 8vo. pp. 56. 4 pls. Tübingen.

HUSS, J. A. 1822-3. See THUNBERG, C. P.

HUTCHINSON, HENRY NEVILLE [1856-].

1894. Creatures of other days. 8vo. pp. xxiv+270. 23 pl. 79 figs. T. of c. 3 append. index. New York.

1896. Creatures of other days, popular studies in palaeontology. London.

Second edition, practically identical with the first.

1896. Extinct monsters, a popular account of some of the larger forms of ancient animal life. 4th ed. 8vo. pp. 20+254. London.

HUTCHINSON, HORACE G.

1924. British sporting birds. See KIRKMAN, F. B. B.

HUTCHINSON AND CO. (publishers).

[1923-5]. Animals of all countries. Vols. 1-4. Pts. 1-50. 4to. London.

HUTCHINSON'S NATURE LIBRARY.

1894. The courtship of animals. See PYCRAFT, W. P.

[1926]. Marvels of the universe. 2 vols. 4to. Vol. I, pp. viii+600. 36 pl. (col., 5 of birds). 321 figs. (40 birds). Vol. II, pp. (16)+601-1160. 28 pl. (col., 5 of birds). 769 figs. (51 birds). T. of c.

London.

In process of publication; only vols. I and II to hand. These contain numerous accounts of rare or curious birds and other animals.

n.d. (The) infancy of animals. See PYCRAFT, W. P.

HÜTTENVOGEL (pseud.).

1901. Die Hüttenjagd mit dem Uhu. 2nd ed. 8vo. pp. 89. 1 pl. (col.). 77 figs. T. of c. Neudamm.

Instructions to game-wardens on the use of the eagle owl (*Bubo ignavus*) as a lure for birds of prey.

HUTTON, FREDERICK WOLLASTON [1836-1905].

1871. Catalogue of the birds of New Zealand, with diagnoses of the species. (Geological Survey of New Zealand.) 8vo. pp. 10+85. index.

Wellington.

This rare pamphlet is the forerunner of Buller's *Manual of the Birds of New Zealand*.

**** and **HECTOR, J.**

1872. Fishes of New Zealand. 8vo. pp. xv+133. 12 pl. Wellington, N.Z.

An admirable monograph on a very interesting piscine area.

1880. Zoological exercises for students in New Zealand. 12mo. pp. viii+147. T. of c. glossary. index. Dunedin.

**** and **DRUMMOND, JAMES.**

1904. The animals of New Zealand; an account of the colony's air-breathing vertebrates. 8vo. pp. 15+381. 147 figs. T. of c. 4 indexes.

Christchurch, N.Z.

1904. Index faunæ Novæ Zealandiæ. Published for the Philosophical institute of Canterbury, New Zealand. 8vo. pp. viii+372. T. of c. append. index. London.

Birds are treated on pp. 27-39, and a list of naturalized, introduced species, that have become so well established that they may be considered as part of the fauna. A bibliography is included, pp. 21-3. The present copy is a presentation to Dr. Casey Wood from James Drummond with autographed letter inserted.

HUXLEY, JULIAN SORELL [1887-].

1923. Essays of a biologist. 8vo. pp. xv+306. T. of c. bibliogr. London.

1926. Essays in popular science. 8vo. pp. xii+307. 5 pl. 20 figs. T. of c. index. London.

Articles from various magazines revised. One relating to birds, *Birds and the Territorial System*, discusses Eliot Howard's *Territory in Bird Life*.

HUXLEY, THOMAS HENRY [1825-95].

1863. Evidences of Man's Place in Nature. 8vo. pp. 159. 1 pl. figs. in text. London.

One of the earliest and most famous of this celebrated author's works on biology.

1864. An elementary atlas of comparative osteology. folio. 12 pl. London.

1864. Lectures on the elements of comparative anatomy. On the classification of animals and on the vertebrate skull. 8vo. pp. xi+303. 111 figs. T. of c. London.

1868. On the classification of birds; and on the taxonomic value of the modifications of certain of the cranial bones observable in that class. 8vo. pp. 60. illust. (Zoological Soc. of London, Proc., May 14, 1868.)

1869. An introduction to the classification of animals. 8vo. pp. (8)+147. 47 figs. T. of c. glossary. London.

An important and fundamental work of reference.

1871. A manual of the anatomy of vertebrated animals. 8vo. pp. 431. 110 figs. T. of c. index. London.

An important systematic treatise. Two other editions appeared, (1872 and 1878), without essential alterations.

1872. A manual of the anatomy of vertebrated animals. 8vo. pp. 431. 110 figs. T. of c. index. New York.

1878. A manual of the anatomy of vertebrated animals. 8vo. pp. 431. 110 figs. T. of c. index. New York.

1882. Lectures on evolution: with an appendix on the study of biology. 8vo. pp. 48. 9 figs. T. of c. New York.

Lectures delivered during 1876 in New York and London.

1884. Animal automatism and other Essays. New York.

1893. Evolution and Ethics. The Romanes lecture. 8vo. London.

1898-1902. The scientific memoirs of Thomas Henry Huxley, ed. by Professor Sir Michael Foster . . . and Professor E. Ray Lankester. 4 vols. 4to. Vols. I-IV, pp. lii+2,529. 4 front. (portr.). 129 pl. 2 maps (fold., 1 col.). T. of c. London.

1899. Darwiniana; essays. pp. 10+475. London.

1901-11. Collected Essays. 9 vols. 8vo. London.

→ **HYATT, ALPHEUS** [1838-1902]. 1868. See AMERICAN NATURALIST.

→ **JĀROSLAVSKOE ESTESTVENNO-ISTORICHESKOE OBSHCHESTVO.** (*Société des Naturalistes de Jaroslaw.*)

1908-19. Otchet.

1902-22? Trudy.

(THE) **IBIS**, a magazine of general ornithology. Organ of the British Ornithologists' Union. 6 vols. in each series. 8vo. London.

1859-64. [First series.]

1865-70. New series.

1871-6. 3rd series.

1877-82. 4th series.

1883-8. 5th series.

1889-94. 6th series.

1895-1900. 7th series.

1901-6. 8th series.

1907-12. 9th series. 1-6 and jubilee supplement.

1913-18. 10th series. 1-6 and jubilee supplement.

1919-24. 11th series.

Hvalradets Skrifter. Scientific Results of Marine biological research. 1931-

(Huxley Julian) 1930. Bird watching & Bird behavior 116 p. ~~1930~~.

Huxley Julian & Haldane. J.S.B. 1934 animal biology. 344 p.

Huxley, T.H. and Etheridge, R. 1865. Catalogue of the collection of fossils in the museum of practical geology. 800. pp. lxxx, 382.

WILKINSON'S PATENT LIBRARY

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1925-6. 12th series.

1927-date. 13th series.

1879-1916. Index of genera and species referred to, and index of the plates, ser. 1-9. 1859-1912. 3 vols. 8vo. London.

1859-94. General subject index, ser. 1-6. 1 vol. 8vo. London.

This is not only the oldest British, current magazine devoted to Ornithology but it is the premier publication of its kind in the English language; indeed it may be truthfully said that it is now, and long has been, the most practical and the best-edited ornithological periodical in any language. To its columns for over sixty years the flower of British ornithologists have contributed of their best, while the editors though few in number have been counted among the most distinguished naturalists of their day. The first of these well-known editors was Alfred Newton (1865-70); Osbert Salvin (1871-6); Osbert Salvin and P. L. Sclater (1877-82); P. L. Sclater and H. Saunders (1883-8); P. L. Sclater (1889-94); P. L. Sclater and H. Saunders (1895-1900); P. L. Sclater and A. H. Evans (1901-12); W. L. Sclater (1913-18); W. L. Sclater (1919-27); W. L. Sclater and H. C. Robinson (1927-30); W. L. Sclater (1930). The list of contributors to this quarterly constitutes a roster of the most brilliant and versatile ornithologists of Great Britain and to a considerable extent of the English-writing authorities on bird life in other countries; and it may be added that much, in many instances all, of the matter in several monographs and text-books (including the illustrations) has been compiled from its pages. Under its present management—editorial and other—it bids fair to increase rather than diminish its reputation and to make more secure its dominant position in the world of ornithological literature.

IBRĀHĪM B. 'ABDI'L-JABBĀR AL-KATĪB AL-BAGHDĀDĪ.

ca. 1490. [A supplement to the *Nuzhat-nāma-i-'Alā'i* (q.v.).]

W. Ivanow notes in a personal communication to the Compiler that this unique MS., from the Blacker Library and bound with the McGill copy of the *Nuzhat-nāma*, is the product of an unknown writer living or born in Bagdad. It is an illustrated treatise dealing with zoological and other more or less related subjects and is of considerable interest for the natural history student since, with the two manuscripts that accompany it, it is intended to complete a study of Persian zoology as it was understood during medieval times. The calligraphy is good and the pictures fairly well drawn. See also *NUZHAT-NĀMA*, 1404.

See *Shamardan* p. 564

IHERING, HERMANN VON [1850-?1921].

1885. *Die Vögel Umgegend von Taquara do Mundo novo, Provinz Rio Grande do Sul.* 8vo. pp. 2+88. pl. (Zeitschrift für die gesammte Ornithologie, 1885.) See also *BERLEPSCH, HANS VON.* Budapest.

1899. *As Aves do Estado de S. Paulo.* 8vo. pp. 113-476. index. São Paulo.

A systematic catalogue (with separate title and wrapper) of the State of São Paulo, Brazil, listing 590 species, with their synonymies, vernacular and zoological names, characters, distribution, and an account of their habits; a companion volume to the author's treatise, *As Aves do Estado do Rio Grande do Sul.*

**** and **IHERING, RODOLPHO VON.**

1907. *As aves do Brazil.* 8vo. pp. 38+485. 3 col. maps. text-figs. São Paulo.

Probably the most useful of all the treatises on the birds of Brazil, in which several species new to science are described. Altogether over 1,150 varieties are listed, most of them briefly treated; others at greater length, giving the usual information furnished by a systematic review.

1907. *Catalogos da fauna Brasileira.* See *MUSEU PAULISTA.*

IHERING, RODOLPHO VON and IHERING, H. VON.

1907. *As aves do Brazil.* See *IHERING, H. VON.*

1907. *Catalogos da fauna Brasileira.* See *MUSEU PAULISTA.*

IHLE, JOHAN EGBERT WILLEM [1879-] and others.

1927. *Vergleichende anatomie der wirbeltiere.* 8vo. 987 illust. Berlin.

A recent, comprehensive and valuable review of vertebrate anatomy by several German specialists.

'TLAJU'L-BAHĀ'IM. Hindustani lithogram.

1873. A treatise on the diseases of Animals. 8vo. pp. 94. index and decorated title-page. Haydarabad, Deccan.

This is an edition of a popular work, several examples of which were procured in India by W. Ivanow for the Blacker Library. Among the copies is an 1888 printing done in Cawnpore.

1888. On the treatment of disease in Animals. 8vo. pp. 96. index. Lithograph copy of an old Hindustani MS. Lucknow.

Purchased in Haydarabad, Deccan, by W. Ivanow for the Blacker Library. The original (no author, no scribe) is a rarity. The lithogram is published by one of the innumerable 'presses' of India that spring up here and there and last through all periods from a month to a decade and then fade away. Many of them, however, do good work in reproducing valuable manuscripts, some of which are subsequently lost through neglect, fire, &c. An earlier edition (q.v.) of the foregoing appeared in 1873.

ILES, GEORGE [1855-].

1902. *The Literature of American History: A Bibliographical Guide*, edited for the American Library Association by Josephus Nelson Larned. Boston.

It contains 4,100 titles, chosen and annotated by 40 leading students in the field of American History, and furnishes a model for similar catalogues raisonnés in all departments of science.

ILLIGER, JOHANN KARL WILHELM [1775-1813].

1811. *Caroli Illigeri . . . Prodrromus systematis mammalium et avium; additis terminis zoographicis utriusque classis, eorumque versione germanica.* 12mo. pp. 18+301. Berlin.

An abridged English translation of this important tract was made by T. E. Bowdich, 1821.

ILLINOIS AUDUBON SOCIETY. Audubon bulletin.

1916-30. 8vo. illust. Chicago.

This well-edited journal contains many valuable notes on the birds of the middle-west of the United States and lends an effective hand to the work of avian culture and protection. It is usually published three times yearly, about 50 pages each issue.

1922. Check list of the birds of Illinois, together with a short list of 200 commoner birds and Allen's Key to birds' nests. See *GAULT, B. T.*

ILLINOIS MUSEUM OF NATURAL HISTORY. See ILLINOIS STATE LABORATORY OF NATURAL HISTORY.

ILLINOIS NATURAL HISTORY SOCIETY.

Springfield.

1861. Transactions. No. 1 (all pub.).

ILLINOIS STATE ACADEMY OF SCIENCE.

1907-date. Transactions.

ILLINOIS STATE HORTICULTURAL (AGRICULTURAL) SOC.

1853-70. Transactions.

Largely devoted to zoological matters.

ILLINOIS STATE LABORATORY OF NATURAL HISTORY.

Urbana.

1876-1917. Bulletin. Continued as the Natural History Survey.

Walt Whit

not birds ✓

Bazaar

ILLINOIS STATE MUSEUM OF NATURAL HISTORY.*Springfield.*

1876-97. Bulletin.

1898. Biennial Report.

ILLINOIS UNIVERSITY. Zoological Laboratory.

1910-date. Contributions.

ILLUSTRIERTE NATURGESCHICHTE . . . DER SÄUGETIERE, VÖGEL, AMPHIBIEN, FISCHE, etc.

1857. 4 vols. 12mo. 64 pl.

? *Berlin.***ILLUSTRIERTE NÜTZLICHE BLÄTTER.***Vienna.*1891-date. Continues *Naturfreund.***ILLUSTRIRTES JAHRBUCH DER NATURKUNDE.**

1903-10. Vols. I-VIII.

*Leipzig.***IMLAY, GEORGE** [*fl.* 1755-96].

1793. G. Imlay's Nachrichten von dem westlichen Lande der Nordamerikanischen Freistaaten, von dem Klima, den Naturprodukten . . . des Staates Kentucky. In Briefen an einen Freund in England. Aus dem Englischen uebersetzt . . . von E. A. W. Zimmermann [Professor in Brunswick]. 8vo. pp. 16+168. *Berlin.*

This rather rare and, from the standpoint of the naturalist, important contribution to *fauna americana*, is the German edition of G. Imlay's *A Topographical Description of the Western Territory of North America*, London, 1792. On pp. 148-52 is a descriptive list of 42 mammals, and on pp. 153-9 we are furnished with a numbered catalogue (with a description) of 109 species of birds. For many other reasons these letters 'from Kentucky to a friend in England' are of deep interest to all Americans. The translator is (naturally) often at a loss for a German equivalent for several local names. Thus he says (p. 159): 'Was der "Canvass back" für ein Vogel sey, habe ich nicht auffinden können.' Altogether the translator's notes are quite as entertaining as the Imlay original.

IMPERATO, FERRANTE [1550-1625].

1599. Dell' historia naturale, libri XXVIII. 4to. pp. 24+791. *illust. pl.* *Napoli.*

The first edition of an important work on natural history.

IM THURN, EVERARD FERDINAND [1852-].

1870. Birds of Marlborough. 8vo. pp. 117. *append. index.* *Marlborough.*

A popular account of the birds of the district. The appendix gives tables of first dates of oviposition and arrival during the years 1865-9.

INDIA. Marine Survey.

1892-1908. Illustrations of the zoology of H.M. Indian marine surveying steamer 'Investigator', pts. 1-12. 4 vols. *folio.* 155 pl. *Calcutta.*

One part is devoted to Fishes, illustrated by 43 plates.

1892-1909. Illustrations of H.M. Indian Marine Surveying Steamer 'Investigator', etc. 4 vols. 4to. *Calcutta.*

A series of plates, of which only one collection illustrates vertebrate zoology, viz. Fishes (1892-1908), 43 pl. A second printing?

INDIANA ACADEMY OF SCIENCE.*Brookville.*

1891-date. Proceedings.

INDIANA UNIVERSITY. Biological Station.

1895-1902. Reports, Nos. 1-2 (all pub.).

INDIANA UNIVERSITY. Zoological Laboratory.

1891-1930. Contributions.

INDIAN ANNALS AND MAGAZINE OF NATURAL SCIENCE. 1887. (All pub.)*Bombay.***INDIAN MUSEUM, CALCUTTA.**

1881-91. Catalogue of mammalia in the Indian museum, Calcutta, by John Anderson and W. L. Sclater. 2 vols. 8vo. See also *CALCUTTA.*

1889-1930. Indian Museum Notes.

1891. List of snakes in the Indian museum, by W. L. Sclater. 8vo. pp. 10+79. *Calcutta.*

1892. List of the *Batrachia* in the Indian museum. By W. L. Sclater. 8vo. pp. viii+43. *London.*

1901. List of the birds in the Indian museum. Pt. 1. By Frank Finn. 8vo. pp. xv+115. 2 *append. index.* *Calcutta.*

1907-date. Records. (A Journal of Indian Zoology.)

1907?-16. Report—Zoological and Anthropological Section.

1907-18. Memoirs.

INDO-CHINA, FRENCH. Mission Scientifique permanente, etc.1905-date. *Décades Zoologiques.* 8vo. *Hanoï.*

The Mission has issued from time to time fascicles of monographs on vertebrate zoology well illustrated by colored plates. So far the mammals, birds, and reptiles of French Indo-China have been in part catalogued and described.

INGERSOLL, ERNEST [1852-].

1878. Upland game birds and water fowl of the United States. See *POPE, A.*

1881. Friends worth knowing; glimpses of American natural history. 8vo. pp. 8+258. 13 pl. 38 figs. *T. of c. index.* *New York.*

1883. Birds'-nesting: a handbook of instruction in gathering and preserving the nests and eggs of birds for the purposes of study. 8vo. pp. xi+110. 16 figs. *T. of c. index.* *Boston.*

1906. Life of Animals. The Mammals. 1st ed. 15 col. pl. *New York.*

1907. Life of Animals. The Mammals. 2nd ed. *New York.*

An excellent, popular work.

1907. The Wit of the Wild. 8vo. *London.*

1913. Animal Competitors, etc. . . . 4-footed tenants of the Farm. 12mo. *illust.* *New York.*

1914. Alaskan bird-life as depicted by many writers. 8vo. pp. 72. 13 pl. (6 col.). 6 figs. *T. of c. index.* *New York.*

1916. Primer of bird-study; a simple account of the structure and functions of birds. 8vo. pp. 24. 7 figs. *in text.* *New York.*

1923. Birds in legend, fable and folklore. 8vo. pp. v+292. *T. of c. bibliogr. index.* *New York.*

A valuable and interesting work in which the author has brought together a surprising amount of information.

?1929. Dragons and Dragon Lore, with a foreword by Henry Fairfield Osborn.

→ Ince, Henry. & Mudie, Robert. - The Wonders of the World.
60 Steel Eng. 8vo. pp 280. London. N.D.

THE UNIVERSITY OF CHICAGO
DEPARTMENT OF CHEMISTRY
1925

REPORT OF THE
COMMISSIONERS OF THE
LAND OFFICE

FOR THE YEAR
1925

CHICAGO, ILLINOIS
1925

PRINTED BY THE
UNIVERSITY OF CHICAGO PRESS

CHICAGO, ILLINOIS
1925

CHICAGO, ILLINOIS
1925

CHICAGO, ILLINOIS
1925

CHICAGO, ILLINOIS
1925

INGLIS, C. M. and FLETCHER, T. B.
1924. Birds of an Indian garden, &c. See
FLETCHER, T. B. and INGLIS, C. M.

INGOLF-EXPEDITION.
1899. 6 vols. 4to. *illust.* See DENMARK, 1899.
Copenhagen.

INGRAM, COLLINGWOOD [1880-].
1926. The birds of the Riviera; being an account
of the Côte d'Azur from the Esterel mountains to
the Italian frontier. 8vo. pp. 15+155. 5 pl. *figs.*
in text. index. London.

INNSBRUCK. Zoologisches Institut.
1923-date. Arbeiten.

**INSTITUCIÓ CATALANA D'HISTÒRIA
NATURAL.** Barcelona.
1901-3. *Bulleti.* Series 1.
1904-17. " " 2.
1918-20. " " 3.
1921-date. " " 4.
1912-13? *Memories.*
1915-date. *Treballs.*

INSTITUTE OF JAMAICA. Kingston.
1897. *Annals.*
1879-1902. *Annual Report.*
1892. *Bulletin.*
1899. *Journal.*
— *Popular lectures.*
1891-3. *Special Publications.*

**INSTITUTE OF NATURAL SCIENCE,
HALIFAX, N.S.** See NOVA SCOTIAN INSTITUTE
OF SCIENCE.

**INSTITUT DE FRANCE (PARIS). Académie
des sciences.**
1846. *Annuaire.*
1917-date. *Annuaire.*
1835-date. *Comptes rendus hebdomadaires des
séances.*
1856-61. *Comptes rendus, etc. Supplément.*
1761-88? *Description des arts et métiers.*
1796-1815. *Mémoires (1-14).*
1816-date. *Mémoires.*
1795-date. *Procès-verbaux des séances de l'Académie
tenues depuis la fondation de l'Institut
jusqu'au mois d'août 1835.*

**INSTITUT GRAND-DUCAL DE LUXEM-
BOURG. Section des Sciences Naturelles et
Mathématiques.**
1853-1904. *Archives Trimestrielles.*
1906-date. *Archives Trimestrielles. New series.*
1891-date. *Bulletin Mensuels.*

**INSTITUTO ESPAÑOL DE OCEANOGRÁ-
FÍA.** Madrid.
1916-date. *Memorias.*
See also BOLETÍN DE PESCAS.

INSTITUTO ZOOLOGICO, PALERMO.
1918-date. *Bullettino.*

INSTITUT ZOOLOGIE DE LILLE. See
WIMEREUX, STATION ZOOLOGIQUE.

**INSTITUT DE ZOOLOGIE DE MONT-
PELLIER.** See MONTPELLIER.

INTELLECTUAL OBSERVER. London.
1862-8. See also RECREATIVE SCIENCE, and
STUDENT AND INTELLECTUAL OBSERVER.

**INTERNATIONAL CATALOGUE OF
SCIENTIFIC LITERATURE.**
1901-date. The Royal Society, London.

Seventeen sections of this monument of scientific industry are published annually, sections G-R being devoted to the biologic sciences. Each volume is provided with full author and subject indexes. It is really an extended continuation of the series known as the Royal Catalogue of Scientific Papers. The Zoological Section now appears (annually) in conjunction with the Zoological Record, and is published in two forms.

**INTERNATIONAL COMMITTEE FOR
BIRD PROTECTION.**
Bulletin I-II. See PEARSON, T. GILBERT; and AUDU-
BON SOCIETIES, NAT. ASSOC. OF.

**INTERNATIONAL CONGRESS OF ORNI-
THOLOGY.** See CONGRESS, INTERNATIONAL, OF
ORNITHOLOGY.

Mr. H. W. England, Librarian of the Zoology section of the British Museum, South Kensington, believes *Congress* to be the best 'catchword' or main title for the *Berichte, Comptes rendus, Proceedings, Reports, Transactions, Versammlungen, Rapports, &c.* of this and similar series. In deference to the opinion of this authority these headings have been cross-referenced to *Congress*, and the whole subject treated under that caption.

**INTERNATIONAL CONGRESS OF ZOO-
LOGY, 1ST, Paris, 1889.**

1889. *Compte-rendu des séances; pub. par
Raphaël Blanchard. 4to. pp. 22+513. illust. pl.*
Paris.

****, 3RD, Leyden, 1895.
1896. *Compte-rendu des séances; pub. par
P. P. C. Hoek. 4to. pp. 543. illust. pl. tab. See
also CONGRESS, INTERNATIONAL, OF ZOOLOGY.*
Leyden.

**INTERNATIONAL CONVENTION FOR
THE PROTECTION OF BIRDS.** See HER-
MAN, OTTÓ, 1907.

**INTERNATIONAL DICTIONARY FOR
NATURALISTS AND SPORTSMEN, IN
ENGLISH, FRENCH, AND GERMAN.** See
SIMPSON-BAIKIE, EDWIN, 1878-9.

**INTERNATIONALER CENTRALANZEI-
GER FÜR GEFLÜGEL- UND VOGEL-
ZUCHT.** Leipzig.
1894. I. Jahrgang.

A reference to this journal will be found in *Ornitholog. Monatsbericht*,
ii, 1894, p. 46.

**INTERNATIONALER FRAUENBUND
FÜR VOGELSCHUTZ (Deutsche Abteilung).**
See JAHRBUCH DES INTERNATIONALEN FRAUEN-
BUNDES, etc.

**INTERNATIONAL FISHERIES EXHIBI-
TION, 1883.**
1884. *Handbooks, Essays, Official catalogue, etc.*
14 vols. 4to. London.

INTERNATIONAL LIBRARY OF PHYSIOLOGY, PHILOSOPHY AND SCIENTIFIC METHOD.

1928. How animals find their way about. See RABAUD, ÉTIENNE.

INTERNATIONAL NATURALIST. 1891-2. *Canisteo, N. Y.***INTERNATIONAL POLAR EXPEDITION.**

1885. Report of the International polar expedition to Point Barrow, Alaska. pp. (2) + 695. front. (col.). 24 pl. (2 col., birds). 1 map (fold.). 10 figs. T. of c. index. *Washington.*

A full report of the operations of this (U.S. Government) expedition for the years 1881, 1882, and 1883. The section (part IV) relating to mammals, birds, and fishes was written by John Murdoch, the naturalist to the expedition.

1888. Report on the proceedings of the United States expedition to Lady Franklin Bay, Grinnell Land, by Adolphus W. Greely . . . commanding the expedition. *Washington.*

INTERNATIONAL SCIENTIFIC SERIES, THE.

1874. Animal mechanism. See MAREY, ÉTIENNE JULES.

1874. Animal locomotion. See PETTIGREW, J. B. The fourth edition was published in 1891.

1881. The natural conditions of existence as they affect animal life. See SEMPER, CARL GOTTFRIED.

1887. The geographical and geological distribution of animals. See HEILPRIN, A.

A second edition appeared in 1894.

1890. Colours of animals. See POULTON, E. B.

1895. Animal Movement. See MAREY, ÉTIENNE JULES.

1908. On the senses, instincts, and intelligence of animals. See LUBBOCK, Sir J., Bart.

INTERNATIONAL ZOOLOGICAL CONGRESS.

The proceedings of the various Congresses were published, as a rule, the same year the meetings were held. The latter took place as follows: First session, Paris, 1889; Second Session, Moscow, 1892; Third Session, Leyden, 1895; Fourth Session, Cambridge, 1898; Fifth Session, Berlin, 1901; Sixth Session, Berne, 1904; Seventh Session, Boston, 1907; Eighth Session, Gratz, 1910; Ninth Session, Monaco, 1913. The meetings were then interrupted by the Great War and its aftermath. See also CONGRESS, INTERNATIONAL, OF ZOOLOGY, and CONGRÈS.

(AN) INTRODUCTION TO THE STUDY OF BIRDS. 1835. See ANONYMOUS.

'INVESTIGATOR', H.M.I.M.S.S. See INDIA, MARINE SURVEY, 1892-1909.

INVESTIGATOR MARINE SURVEY EXPEDITION. See ALCOCK, A. W., 1902.**IOWA ACADEMY OF SCIENCES, DES MOINES.**

1887-date. Proceedings.

→ **IOWA NATURALIST.** *Iowa City.*
1905-17. Vols. I-III, 2 (all pub.).

IOWA ORNITHOLOGIST, THE.

1894-1900. 8vo and 4to. *Salem, Ia., and Avoca, Ia.* Organ of the Iowa Ornithological Association from Oct. 1894 to July 1898.

Vols. 1-4 (Oct. 1894-July 1898) title reads: Iowa ornithologist; a quarterly magazine devoted to ornithology and oology. Published quarterly, with wrappers. Edited by David Savage. Publication suspended 1899.

Vol. 5 (Jan.-June 1900) title changed to Western Ornithologist. Published bi-monthly, edited by C. C. Tryon, with F. C. Hanning and D. L. Savage, associate editors. No more published.

In addition to the editorial staff, M. E. Peck, B. H. Wilson, J. N. Clark, William Savage and other writers contributed papers to this short-lived but excellent journal. Continued as *The Bittern* (Cedar Rapids, Ia., 1900-1).

IOWA STATE UNIVERSITY. Studies in Natural History.

1888-1918. Vols. 1-7. Contd. as Bulletin from the Laboratories of Nat. Hist. (All pub.?)

This is a periodical of much importance for students of the natural history of the midwestern United States.

IRAQ.

1923. Survey of the Fauna of Iraq.

IRBY, LEONARD HOWARD LLOYD [1836-1905].

1875. The ornithology of the straits of Gibraltar. 8vo. pp. (4) + 236. 2 maps (fold.). index. *London.* A second edition with colored plates was issued in 1895.

1892. British birds: key list. 2nd ed. 8vo. pp. iv + 69. 2 diagr. index. *London.*

1895. The ornithology of the Straits of Gibraltar. 2nd ed. 4to. pp. 6 + 326. 14 pl. (8 col.). 21 text-figs. 2 fold. maps. index. *London.*

This edition is much the same as the 1875 printing. The colored plates by Thorburn and Smit are very fine.

IREDALE, TOM [1880-] and **MATHEWS, G. M.**

1921. A Manual of the Birds of Australia. See MATHEWS, G. M. and IREDALE, TOM.

IRISH ACADEMY, ROYAL. *Dublin.*

1880-date. Cunningham Memoirs.

1836-69. Proceedings. Series 1.

1870-88. Proceedings. Series 2.

1888-1901. Proceedings. Series 3.

1902-date. Proceedings. Series 4.

1882-date. Todd Lecture Series.

1787-1906. Transactions.

IRISH NATURALIST. 1892-1924. *Dublin.***IRISH NATURALISTS' JOURNAL.**

1928-date. Vols. I-III. Monthly.

This is a vigorous periodical with numerous papers on bird life.

IRKUTSKOE OBSHCHESTVO ESTESTVOI-SPYTATELEĬ.

1923-date. Trudy. French title: Société des Naturalistes d'Irkoutsk.

Irnie. Alex. J. 1883. The Game Laws of Scotland. 3rd Ed. 8 Vols
pp. 362. & Index. Edinburgh.

← Iowa Bird-Life. Organ Iowa Ornithologists' Union. Pub. by Fred J. Pierce, ^{complete copy to} Walthrop, Iowa

→ 1932. Jackson, Holbrook. The Anatomy of Bibliomania.
In 1 vol. New York. p.p. 854. Chas. Scribner
& Sons.

ISIDORUS, SAINT, Bishop of Seville.

1472. *Etymologiae. folio. 264 ll.* Printed by Günther Zainer. 2 cols. in table; 38 lines; roman characters. In the Osler Library. Hain *9273; Proctor 1532. [Augsburg.]

A very rare and interesting incunabula, the first work printed in Roman letters in German. Liber XX, Cap. 12, is entirely devoted to animals, giving an account of the zoology of the ninth and tenth centuries.

1493. *Etymologiae; de summo bono. small folio. 100 ll.*; gothic characters. Produced for Octavianus Scotus by Bonetus Locatellus. Dec. 11, 1493. Proctor 5049. Venetiis.

In the Osler Library. Books 4 and 11 treat to some extent of comparative anatomy.

ISIS. 1913-date. *Brussels, Bern.*

ISIS. 1850. *Munich.*

ISIS, oder Encyclopaedische Zeitung von Oken.

1817-48. 41 vols. 4to. Inhalt. 1817-26. Bd. I-XIX. Allgemeines Register. 1827-36, Bd. XX-XXIX and 1837-46, Bd. XXX-XXXIX. *Jena.*

One of the most important and, in its complete state, one of the rarest of the early magazines on natural history.

ISIS. Maandschrift voor Natuurwetenschap. *Haarlem.*

1827-81. Vols. 1-10 (all pub.).

ISIS. Zeitschrift für alle Naturwissenschaftliche Liebhabereien. 1876-99. *Berlin.*

ISLE OF MAN NATURAL HISTORY AND ANTIQUARIAN SOCIETY. *Douglas.*

1880-1906. Proceedings.

1906-date. Proceedings. New Series.

(R.) ISTITUTO LOMBARDO DI SCIENZE E LETTERE. *Milan.*

1858-63. Atti.

1841-7. Giornale.

1843-56. Memorie. Series 1.

1859-65. Memorie. Series 2.

1866-date. Memorie. Series 3.

1864-7. Rendiconti. Series 1.

1868-date. Rendiconti. Series 2.

ITEMS OF INTEREST.

? 1920-30. Published monthly by the Division of Ornithology, Dept. of Agriculture, Commonwealth of Mass., E. H. Forbush, Director. Mimeographed. Nos. I-XXXVII and continuation, pp. 3-6.

These notes are, naturally, descriptive of local avifauna, but often contain valuable records of migration, bird-banding, and other activities outside the State of Massachusetts.

For a time *Notes for observers [in Ornithology]* (q.v.) was published as a supplement, but issued separately on the 15th of the month.

IVY, ROBERT H. and HAAGNER, A.

1908. Sketches of South African bird-life. See HAAGNER, A. and IVY, R. H.

JAARBERICHT VAN DE CLUB VAN NEDERLANDSCHE VOGELKUNDIGEN.

1911-30. 8vo. *T. of c. Deventer, Holland.*

The Club was organized in May 1911 at Neerlangbroek (Province of Utrecht) with Baron R. Schouckaert van Schaumburg as President.

The periodical concerns itself not only with the activities of the society and with local ornithology but contains reviews of books, scientific papers on colonial (especially Javanese) bird life, on general ornithology, and on other matters by Dutch ornithologists. The plates are not numerous but are unusually well executed.

JAARBOEK DER NEDERLANDSCHE ORNITHOLOGISCHE Vereeniging. Continuation of the *Verslagen en Mededeelingen* of the Nederlandsche Ornithologische Vereeniging.

1910. No. 7. Sept. pp. 133.

1911. No. 8. Dec. pp. 132. (All pub.)

These two volumes, devoted chiefly to the activities of the Dutch Ornithological Society, are intermediate publications joining the *Verslagen en Mededeelingen* with *Ardea*, the latter the current organ of the society.

The *Jaarboek* contains important papers by van Oort, van Pelt Lechner, and other well-known Dutch Naturalists. See ARDEA.

JAARBOEK VAN DE NEDERLANDSCHE VEREENIGING TOT BESCHIRMING VAN VOGELS.

1904-12. Nos. 1-8 (all issued?).

This periodical is the Year-book of the Dutch Society for the Protection of Birds. It has, of course, no direct connexion with the *Nederlandsche Ornithologische Vereeniging*, or with the periodical publications of that society.

JABOUILLE, PIERRE. 1925. See DELACOUR, JEAN THEODORE.

JACK, ROBERT LOGAN [1845-?1918] and ETHERIDGE, ROBERT.

1892. Geology and palaeontology of Queensland and New Guinea. Vols. 1-2. 8vo. *pl. map. Brisbane.*

JÄCKEL, ANDREAS JOHANNES.

1856. See MÜHLE, HEINRICH GRAF VON DER.

1891. Systematische Uebersicht der Vögel Bayerns. 8vo. pp. 24+392. *portr. T. of c. Munich.*

Professor Rudolf Blasius edited this posthumous treatise on the birds of Bavaria. It is, in particular, a valuable contribution to the distribution and migration of local avifauna. The volume in hand is a presentation copy from Blasius to J. A. Allen.

JACKSON, ANNIE C.

1920. (A) practical handbook of British birds. See WITHERBY, H. F.

JACKSON, FREDERICK JOHN [1860-].

1926. Notes on the game birds of Kenya and Uganda. 8vo. pp. xv+258. 13 *pl. (col.). T. of c. London.*

The species are arranged according to Sharpe's *Hand-list*, and the nomenclature follows W. L. Sclater's *Systema Avium Ethiopicarum*, the latest work on the subject.

JACKSON, H. H. T.

1915. A review of the American moles. (North Amer. Fauna, no. 38.) 8vo. pp. 100. 6 *pl. 27 figs. Washington.*

1928. A taxonomic review of the American long-tailed shrews (Genera *Sorex* and *Microsorex*). (North Amer. Fauna, no. 51.) 8vo. pp. 238. 13 *pl. 24 figs. Washington.*

JACKSON, V. W.

[1920]. The value of birds to agriculture. See CANADA. DOMINION PARKS BRANCH.

JACKSON, WILLIAM HATCHETT.

1888. Forms of animal life. A manual of comparative anatomy. See ROLLESTON, G.

JACOB, NELLIE D.

[1879]-86. Illustrations of the nests and eggs of birds of Ohio with text. See JONES, H. E.

JACOB, NICHOLAS HENRI [1781-1871], and HUGHES, PIETRO.

1812. *Storia Naturale delle Scimie*. folio. 88 pl. Milan.

The (rare) first edition of an important treatise.

1831. *Storia naturale delle scimie e dei maki*. Parte I: Scimie dell'antico continente. Parte II: Scimie del nuovo continente. folio. Milano.

A rare and important treatise, illustrated by half-page copper plates of Old and New World monkeys. In this edition the first or introductory plate is signed 'N. H. Jacob inv. e dis.', the second 'N. E. Jacob inv. e dis.'. See *Cat. Br. Nat. Mus. History*, p. 916. The copy in hand has not only the Italian but the corresponding German and French text.

The first part has 74 plates, the second 15. The first edition (1812) of this work was issued jointly by the artist, N. H. Jacob, and the publisher P. Hughes. Only two plates are signed—by N. E. and N. H. Jacob. The second edition is dated Milan, 1817, and on the title-page only the name of Hughes appears. There is also, similarly treated, an 1823 edition.

JACOBÆUS, OLIGERUS [1650-1701].

1710. *Museum regium, seu Catalogus rerum tam naturalium, quam artificialium, etc.* folio. ff. 260. pl. 56. Hauniae.

A catalogue of natural history objects and antiquities in the Royal Museum at Copenhagen. Among the numerous illustrations are copies of the Lemming and the Loon from the Museum Wormianum. In the figure of the loon, the bill is curved and shortened to accommodate it to the plate. The original leather binding has the royal crown of Denmark impressed upon it.

JACOBI, ARNOLD [1870-].

1919. *Tiergeographie*. 12mo. pp. 153. map. index. Berlin.

A study in zoogeography, including that of birds; with their distribution.

JACOBS, FRIDERIC. See AELIANUS, 1832.**JACOBS, J. W.**

1895. *Eggs of Native Pennsylvania Birds*. 8vo. Waynesburg.

1898-1910. *Gleanings from Nature*. Nos. 1-5. Two supplements. Waynesburg.

1905. *Notes . . . Summer Birds in Monongalia Co.* Waynesburg.

JACQUE, CHARLES ÉMILE [1813-94].

[18 ?]. *Le poulailler; monographie des poules indigènes et exotiques*. 3rd ed. 8vo. pp. 360. 117 figs. T. of c. Paris.

JACQUEMONT, VICTOR [1801-32].

1843. *Description des collections. Mammifères et Oiseaux*. Pt. I. 4to. 8 pl. (7 col.). See GEOFFROY SAINT-HILAIRE.

JACQUIN, JOSEPH FRANZ [1766-1839].

1784. *Beyträge zur geschichte der vögel*. 4to. pp. 5+45. 19 col. pl. Wien.

This work is important to American ornithologists as 32 New-World birds are described, and some of them well portrayed in its pages and plates.

JACQUINOT, CHARLES HECTOR [1796-1879].

See FRENCH VOYAGES; AU PÔLE SUD, 1841-54.

(DER) JAEGER UNVERDROSSEN, pseud.

1900. *Der Krammetsvogel und sein Fang*. 8vo. pp. 117. 6 text-figs. T. of c. Neudamm.

A popular book on the capture of birds for the dealer.

JÄGER, GUSTAV [1832-1917].

1874. *Deutschlands Thierwelt nach ihren Standorten eingetheilt*. 2 vols. 4to. illust. 14 col. pl. Stuttgart.

1880-1900. *Handwörterbuch der Zoologie, etc.* 8 vols. 8vo. Breslau.

JÄGERSKIÖLD, AXEL LEONARD KRISTER ED-

WARD [1867-].

1898-1920. See KOLTHOFF, G. I.

1904-28. *Results of the Swedish zoological expedition to Egypt and the White Nile, 1901*. Pts. 1-5. many illust. pl. Uppsala.

A voluminous work on the flora and fauna of the Upper Nile region.

****** and KOLTHOFF, G.**

1911-26. *Nordens fåglar*. 1-48 (allt som utk.). folio. 172 col. pl. Stockholm.

This extensive and valuable treatise, profusely illustrated in color, of Scandinavian (especially Norwegian) bird life is now in course of preparation under the supervision of two well-known zoologists. To date about 50 parts have been issued, with nearly 200 colored plates, the originals by a modern artist of merit.

1920. See GYLING, OLOF.

JÄGERSKIÖLD, L. A. See JÄGERSKIÖLD,

A. L. K. E.

JAHRBUCH DER ANGEWANDTEN NATURWISSENSCHAFTEN. 1885-1922.

Freiburg.

JAHRBUCH DES INTERNATIONALEN FRAUENBUNDES FÜR VOGELSCHUTZ.

1904-11. Jahrg. I-VIII (? all pub.). 4to. illust. Berlin.

This annual contains a number of semi-scientific papers on the protection and care of birds as well as a membership list of the branches (scattered throughout German-speaking countries) of the League. The membership of the latter includes many of the higher nobility.

JAHRBUCH DES NASSAUISCHEN VEREINS FÜR NATURKUNDE.

?1845-92. Jahrg. 1-45.

JAHRBUCH DER NATURGESCHICHTE ZUR ANZEIGE UND PRÜFUNG NEUER ENTDECKUNGEN UND BEOBACHTUNGEN.

1802. Leipzig.

JAHRBUCH DER NATURKUNDE.

1903-13. Hrsg. v. H. Berdrow. Jahrg. 1-11. Leipzig.

JAHRBUCH DER NATURWISSENSCHAFT. Vols. I-XXVIII.

1885-1913. Index to 1890-1905. Freiburg.

JAHRBUCH FÜR VOGELFREUNDE.

1905-8. Jahrg. I-IV. (All pub.) 8vo. Edited by Martin Braess. Dresden.

JAHRBUCH DER VOGELKUNDE.

1907-11. Vols. I-III (all pub.). Edited by Kurt Floericke. Kosmos Jahrbücher. Stuttgart.

During its brief existence this periodical did good work. Each volume contained in addition to excellent brief reviews of the literature of the palaearctic area a list with addresses of the chief (German) ornithologists and of the various ornithological societies in the German empire.

Jaffe, Bernard. 1930. Crucibles. The lives + achievements of
great Chemists. 578 p. ~~1930~~.

R/
= UNG/

eyer, E.C. 1929. Derivens of the mountains. Springfield.
Dictionary of Greek and Latin combining forms used in zoological names.
VIII+157 p. Springfield. 2^d ed.

(Jahresbericht der Ornithologischen Station in Salzburg.)

1917. part 2. 1914. Pt. 3. "Bulletin Moscow, P. 271. →

- Jahresberichte über die Fortschritte d. Lehre v. d. Gärungsorganismen. 1890-1911.
- Jahresberichte über die Fortschritte in d. Lehre v. d. pathogenen Mikroorganismen 1885-1911 (v. 1-27) u. Reg. zu 1-10 (1885-1917)

→ **JAHRESBERICHT DES AUSSCHUSSES FÜR BEOBACHTUNGSSTATIONEN DER VÖGEL DEUTSCHLANDS.**

1876-92. I-XII. *Naumburg, Berlin, etc.*

Prepared by an editorial committee and published (as a rule) yearly in the *Journal f. Ornithologie*. In the E.S.W. Library are most of these annuals.

JAHRES-BERICHT DES BUNDES FÜR VOGELSCHUTZ.

Stuttgart.

The Compiler has seen only one issue, for 1917, pp. 12, 2 pl. (1 col.).

JAHRESBERICHT D. CHUR (SCHWEIZ) NATURFORSCH. GESELLSCH. 1823-7; 1853-date.

JAHRESBERICHT DES COMITÉS F. ORNITHOLOG. BEOBACHTUNGS-STATIONEN IN OESTERREICH-UNGARN.

1882-7. (All pub.) Edited by Tschusi zu Schmidhofen and Karl von Dalla-Torre.

These yearly reports are included in the text of *Ornis* but a few were also issued as supplements to that periodical, and published separately.

JAHRESBERICHT D. ELBERFELD NATURWISSENSCHAFTL. GESELLSCH. 1878-80. 1-2 (all pub.). See ELBERFELD.

JAHRESBERICHT D. ELBERFELD NATURWISSENSCHAFTL. VEREIN. 1874-date. See ELBERFELD.

JAHRESBERICHT D. EMDEN. NATURFORSCH. GESELLSCH. 1815-date. See EMDEN.

JAHRESBERICHT DES INTERNATIONALEN BUNDES FÜR VOGELSCHUTZ. 1913-14. (All pub.?) Charlottenburg, Germany.

JAHRESBERICHT DER KÖNIGL. UNGARISCH. ORNITHOLOG. ZENTRALS. BUDAPEST. German and Magyar. ?1893-1912. (All pub.) Budapest.

A number (perhaps all) of these are reprints from *Aquila*, although *Naturae Novitates* quotes some of them as distinct separates.

JAHRESBERICHT DER NATURHISTORISCHEN GESELLSCH. ZU NÜRNBERG. The E.S.W. Library has only the years 1890-1926.

JAHRES-BERICHT DES NATUR-HISTORISCHEN VEREINES 'LOTOS'. See LOTOS.

JAHRESBERICHT DES NIEDERSÄCHSISCHEN ZOOLOGISCHEN VEREINS. ?1910-20. I-X. Hannover.

→ **JAHRESBERICHT ÜBER DIE ORNITHOLOGISCHEN BEOBACHTUNGSSTATIONEN IN DÄNEMARK.**

1883-date. 8vo. Annual. Edited chiefly by G. F. Lütken and Herluf Winge. Published in German, English, and Danish. *Copenhagen.*

This periodical contains mostly extracts (with new pagination, title-page, and covers) from *Vidensk. fra den naturh. Forening*, and is largely filled with descriptions and reports of birds observed during the year in various parts of Denmark and occasionally in Iceland, Greenland, and other northern countries. To each part a map is appended marking the localities in which the reported birds were seen.

JAHRESBERICHT DER ORNITHOLOGISCHEN BEOBACHTUNGS-STATIONEN IM KOENIGREICHE SACHSEN.

1885-96. Jahrg. I-X. *Dresden and Leipzig.*

A most valuable contribution to avian periodical literature. The E.S.W. Library has none of the annuals after 1896.

JAHRESBERICHT DER ORNITHOLOGISCHEN GESELLSCH. IN BASEL.

1870-81. 8vo. (All pub.?)

JAHRESBERICHT DER ORNITHOLOGISCHEN STATION IN SALZBURG.

1913-14. (All pub.) 8vo. *Salzburg.*

?? **JAHRESBERICHT DES ORNITHOLOGISCHEN VEREIN MUENCHEN.**

1897-1930. Vols. 1-26. 8vo. *illust.* Several supplements. *München.*

This valuable journal, containing many important contributions to general ornithology as well as a practical review of ornithological literature by C. E. Hellmayr and other well-known ornithologists, is especially the organ of the Bavarian Ornithological Society and as such is largely devoted to mid-German bird literature. Among its many contributors are such well-known names as E. Stresemann, H. Stadler, A. Laubmann, Graf Seilern, A. Reis, the first editor (the late) C. Parrot, C. Schmidt *et al.* The periodical is still in vigorous 'progress'.

JAHRESBERICHT. STAATLICH AUTORISIERTE VERSUCHS-UND MUSTERSTATION FÜR VOGELSCHUTZ.

1908-30. 12mo and 8vo. *Leipzig and Gera.*

These annuals give an account of the work of Count Berlepsch's Station in which the raising and protection of birds in all their relations are studied and carried out in a practical and scientific manner.

JAHRES-BERICHT DES VEREINES FÜR VOGELKUNDE UND VOGELSCHUTZ IN SALZBURG.

1875-97. 8vo. *Salzburg.*

JAHRESBERICHT DER VERSUCHS- UND MUSTERSTATION FÜR VOGELSCHUTZ. 1908-15. I-VIII. (Suspended?) Leipzig.

At least seven Annuals were issued, most of them probably reprints of magazine reports. The station (school) was 'staatlich autorisiert' and under the supervision of Count Hans von Berlepsch, Seebach, and did much good work in its day. The E.S.W. Library has an incomplete set.

JAHRESBERICHT DER VOGELWARTE ROSSITTEN DER DEUTSCHEN ORNITHOLOGISCHEN GESELLSCH. 1900-30. 8vo. pp. 100 to 150. maps, tab. Edited by J. Thienemann. General index 1894-1913.

The fact that the important issues under the above rubric occasionally appear as separates or excerpts from the *Journal f. Ornithologie* (q.v.) does not give the essays a place as a genuine periodical. Occasionally, however, a *Bericht* was printed as a supplement to the *Journal* and separately paged; consequently it seems proper to list the whole issue briefly in this catalogue.

→ **JAHRESBERICHT ÜBER DEN VOGELZUG AUF HELGOLAND.** Edited by H. Galka and published by the Permanent International Ornithological Committee.

1884. I. Jahresbericht. pp. 34.

1885. II. Jahresbericht. pp. 48.

1886. III. Jahresbericht. pp. 55.

These annual reports were published in *Ornis*, and subsequently issued as separates, independently paged, however. They form appendices of the well-known monograph by Gätke, *Helgoland as an Ornithological Observatory*.

JAHRESBERICHT ÜBER DEN VOGELZUG AUF HELGOLAND VON HUGO WEIGOLD, HELGOLAND.
1909-18. Nos. I-IV.

Printed as *Sonderhefte* of the *Journal f. Ornithologie*.

JAHRES-BERICHT DES WESTFÄLISCHEN VEREINS FÜR VOGELSCHUTZ, GEFLÜGEL- UND SINGVOGELZUCHT.

(?) 1872-97. All issued (?). Edited by H. Landois and other members of the Verein. *Münster*.

JAHRESHEFTE DES VEREINS F. VATERLÄNDISCHE NATURKUNDE IN WÜRTTEMBERG.

1845-30. Vols. 1-86. *many pl. Sonderhefte*.

JAMES, FRANK LINSLEY [1851-90] and others.

1888. The unknown horn of Africa. An exploration from Berbera to the Leopard River. *8vo. pp. xiv+344. 23 pl. (10 col., 5 birds). T. of c. append. index. London.*

JAMES, GEORGE WHARTON [1858-].

1909. The story of Scraggles, illustrated from drawings by Sears Gallagher and from photographs. *8vo. pp. vii+88. 5 pl. T. of c. Boston.*

As was the love of St. Francis of Assisi for the birds so was the sympathy of the author for a poor little weakling sparrow he rescued and named 'Scraggles' and which reciprocated that affection in many ways as related in this very touchingly written story. The first edition was issued in 1906.

JAMES, HARRY BERKELEY [1846-92].

1885. List of Chilean birds. *8vo. pp. 15.*

Valparaiso.

An interleaved copy, the list being arranged in three columns, the first, containing the names given by Sclater in his list of Chilean birds, *Proc. Zool. Soc.*, 1867; the second, those of the Santiago Museum; the third contains the local names.

1892. (A) new list of Chilean birds compiled by the late Harry Berkeley James. . . . With a preface by P. L. Sclater. *8vo. pp. vii+16. (Printed for private use.) London.*

The above catalogue was prepared with the purpose of writing (with P. L. Sclater) a companion work to Hudson's (and Sclater's) *Argentine Ornithology*, but it was never completed. The present volume is from Sclater's library with many MS. notes by him.

JAMES, M. R.

1925. An English mediaeval sketch-book, No. 1916 in the Pepsysian Library, Magdalene College, Cambridge. Reprinted from The Walpole Society's Thirteenth Volume. *pp. xxiii+171. collotype pl.*

The original of this 'Monks Drawing Book' is in the celebrated library of the famous diarist, and contains, among other subjects, eight half-page drawings of 74 birds, fully colored and clearly delineated. The drawings, by more than one artist, were mostly made about A.D. 1380. The collection forms the largest, if not the earliest, European atlas of its kind. Messrs. A. H. Evans and Kinnear (of the British Museum, Nat. Hist.) have identified and catalogued the bird portraits, which are faithfully and cleverly drawn.

JAMES, URIAH PIERSON [1811-89], pub.

[c. 1852]. The natural history of land birds. See ANONYMOUS.

JAMESON, JAMES SLIGO [1856-88].

1890. Story of the Rear Column of the Emin Pasha Relief Expedition. *8vo. pp. 32+455. 17 pl. 1 map. illust. in text. London.*

There is a Natural History appendix to this (posthumous) interesting volume edited by the author's widow, in which the Ornithological Work is described by R. B. Sharpe.

JAMESON, ROBERT [1774-1854].

1831. American ornithology. See WILSON, A. and BONAPARTE, C.

JANINI, R. J.

1924. Seleccion de estudios de cria caballar. *8vo. pp. lxxvii+390. 63 pl. Valencia.*

JAN-MAYEN.

1894. Voyage de 'La Manche' a l'île Jan-Mayen et au Spitzberg. *8vo. pp. 6+268. 17 pl. (1 col.). 7 maps. illust. text. (Wanting.) Paris.*

The record of this sub-arctic expedition includes much natural history, a general account of which is furnished by H. C. G. Pouchet, the anthropologist. A list of the fishes is given by L. Vaillant and a catalogue of the birds by E. Oustalet.

JANSEN, KNUD.

1896. Vore almindelige nyttige Fugle og deres Aeg; Populaer Text tildels efter H. Wallengren. *8vo. pp. 30. 20 col. pl. index. Copenhagen.*

An illustrated account of Danish and Norwegian birds. The plates depict 34 species with their eggs, all of which are systematically described in the text.

JAPAN. See ASIATIC SOCIETY OF JAPAN.

JAPAN CAGE BIRD CLUB. See KAIDORI.

JAPANESE JOURNAL OF ZOOLOGY.

(National Research Council of Japan.) 1922-date. *Tokyo.*

[JAPANESE MAGAZINES OF CELEBRATED PICTURES, many of Birds and other Animals.]

n.d. Arranged in European Order. *2 vols.*

n.d. [Another volume, similarly arranged apparently but of different date.]

These animal portraits represent very well the methods of periodical illustration in modern Japan.

[JAPANESE PRINTS OF BIRDS by Ogata Kenzan, Mitsuoki, Mitsunari, and others.]

n.d. *4 pl. in portfolio. n.p.*

The print by Ogata Kenzan (1663-1743), Kōrin school, represents a Japanese Crow, the one by Mitsuoki (1617-91) and Mitsunari (1646-1710) two Quails with floral decoration, the two remaining ones a Wild Goose (15th century), and a Hawk attacking a Heron (Kano school). The artists' names of these last two are not stated on the mounts, probably because they were unknown. All four prints are fine examples of the work of their respective artists and periods.

JAPANESE SOCIETY FOR APPLIED ZOOLOGY. See ŌYO-DOBUTSUGAKU-ZASSHI.

JAPAN IMPERIAL UNIVERSITY. College of Science.

Tokyo.

1887-1925. Journal.

1912-19. Zoological Institute Contributions.

(K.) JAPANISCHEN UNIVERSITÄT. Tokyo.

1887-date? Mittheilungen.

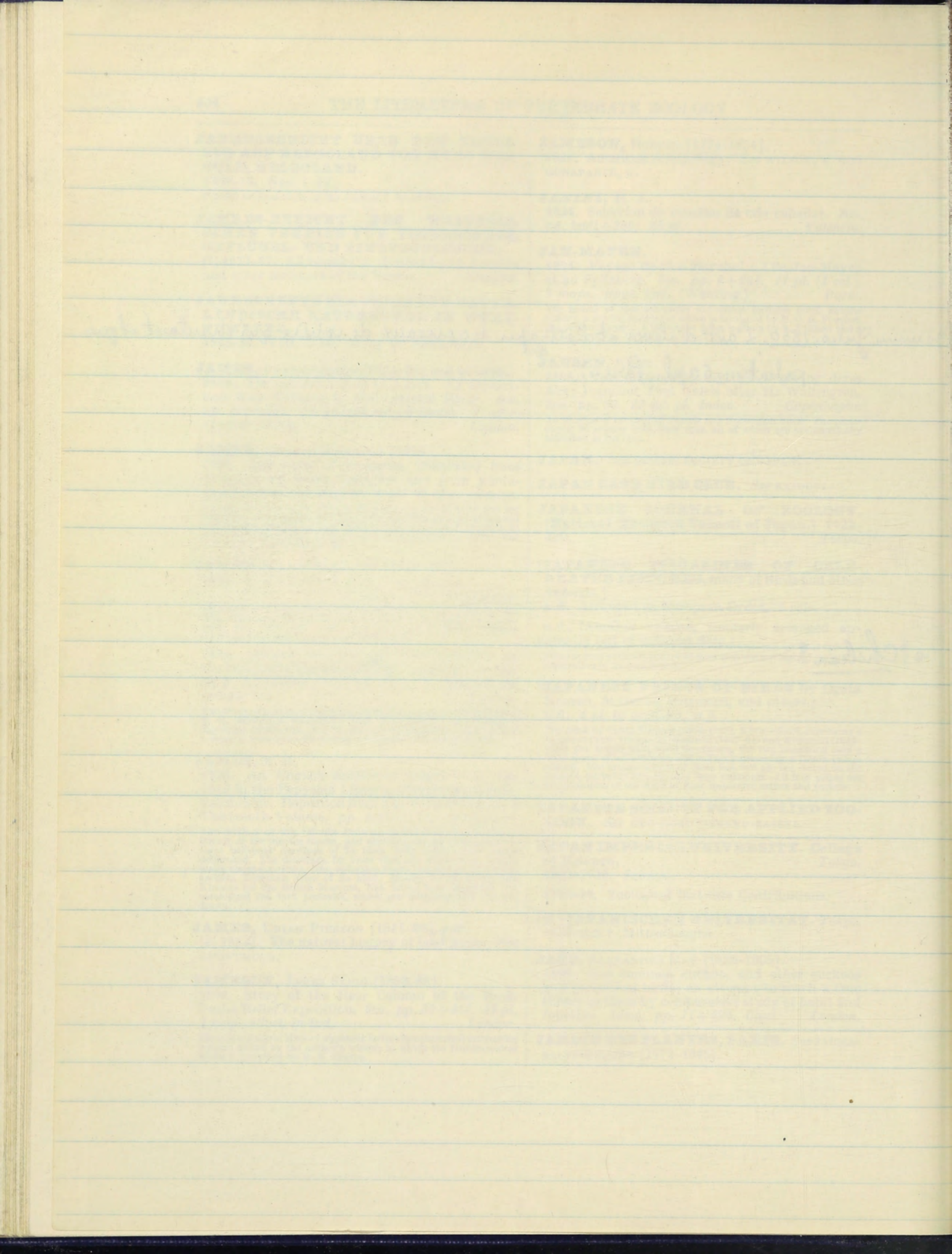
JAPP, ALEXANDER HAY [1839-1905].

1899. Our common cuckoo, and other cuckoos and parasitical birds; an attempt to reach a true theory of them by comparative study of habit and function. *12mo. pp. 11+292. illust. London.*

JARDIN DES PLANTES, PARIS. See JAUME-SAINT-HILAIRE (1772-1845).

← Maunin, Jules. 1860. L'art d'élever et d'attraper les oiseaux de volière qui chantent et qui
peuvent... 53 pl. Paris.

← Chibean?



JARDIN DES PLANTES (LE).

1842-3. Description du Muséum d'Histoire naturelle, de la Ménagerie, des Serres, des Galeries de Minéralogie et d'Anatomie, et de la Vallée Suisse. 2 vols. 4to. 3 maps. 145 plain and 33 hand-colored pl., and num. text-illustr.

JARDINE, Sir WILLIAM [1800-74] and SELBY, P. J.

1826-43. Illustrations of ornithology. 4 vols. folio. n.p. 207 col. pl. Edinburgh.

This celebrated work was issued in 19 parts, constituting chiefly a series of beautiful hand-colored plates with explanatory text of birds of many regions by well-known artists, among them Lear, Gould, and the principal text contributors themselves. Three volumes have 154 plain duplicates of the colored illustrations. The dates of publication of the various parts have long been in doubt. Zimmer, *Ayer Cat.*, pp. 322-4, fully discusses the question. A collation of the four volumes of the present copy is as follows:
Vol. I [1826]-[1828]. pp. 1+64 ll.+1. 50 col. and 50 plain pl. Index to vols. I and II (dup.).
Vol. II [1828]-[1830]. 59 ll. 50 col. and 50 plain pl. Index to vols. I and II.
Vol. III [1830-5]. 60 ll. 54 col. and 54 plain pl.
Vol. IV [1837-43]. 62 ll. 53 col. pl. 7 figs. in text.
The title of this volume has only the names of Jardine and Selby, with the legend 'Vol. IV'.

1829. The Natural History of Selborne . . . ed. 12mo. Gilbert White.

The editor of the Naturalist's Library published this edition and followed it in 1851 by another, 8vo, printing. Subsequent editions of this particular title were also published in 1854 and 1876.

1832. American Ornithology: . . . notes and life of Wilson. 3 vols. 8vo. See WILSON, A. London. A second edition (12mo) by Jardine was published in 1854.

1833-41. The natural history of humming-birds. 2 vols. 12mo. portr. pl. T. of c. index. (In Jardine, Sir William, ed., Naturalist's Library. *Ornithology*, 1833-43, vols. 1-2.) Vol. I, pp. xv+25-191. pl. 33 col. Vol. II, pp. viii+192. pl. 30 col. Edinburgh.

The first two volumes of the Ornithology in one of the numerous editions of the well-known Jardine's Naturalist's Library. The fine hand-colored plates in this case have backgrounds in many instances, thus differing from the first (1833) edition. The two volumes furnish a short description of all the known species of humming-birds, with their synonymy; also a brief biography (and portraits) of Pennant and Linnaeus.

1833-4. Humming Birds. Naturalist's Library. 1st ed. 2 vols. 8vo. 63 col. pl. Edinburgh.

A second edition (lacking the background in the plates) of this dainty little work (with memoirs of Linnaeus and Pennant) was issued in (1845-6). See also NATURALIST'S LIBRARY.

1834. Game Birds. (Memoir of Sir J. S. Raffles.) 8vo. pp. 197. 30 col. pl. 1 portr. engr. title. Edinburgh.

This is vol. VI of the Naturalist's Library, or vol. IV of the section of Ornithology. Another edition, the second issue of the Naturalist's Library, new vol. VIII, was issued in 1845-6.

[? 1834-8]. Naturgeschichtliches Cabinet des Thierreiches. Aus dem Englischen von Dr. August Diezmann. 4 vols. 8vo. Pesth.

The third volume on ornithology is divided into two parts, of which the second part is devoted to Game Birds and contains as a frontispiece the portrait of Sir Stamford Raffles. This the rarest issue of the well-known Naturalist's Library, and the only foreign edition known to the Compiler. It is not listed in the British Museum or Zoological Society Catalogue, and not mentioned by Mullens. The present copy consists of three volumes only, but the third part states that the whole issue will consist of 15-18 sections. The colored plates have been relettered and probably redrawn. The first four volumes (? all published) are as follows:
I. Naturgeschichte der hühnerartigen Vögel, erster Theil: Truthühner, Pfauen, Haushühner, Fasanen und Perlhühner. Mit dem Bildnisse des Aristoteles und 31 colorirten Abbildungen.
II. Naturgeschichte der Katzenartigen Säugthiere: Löwen, Tiger, Leoparden, Jaguare, Luchse u.s.w. Mit dem Bildnisse Cuvier's, einer Vignette und 36 colorirten Abbildungen.
III. Naturgeschichte der hühnerartigen Vögel, zweiter Theil, das Federwildpret, nämlich: Rebhühner, Birkhühner, Wachteln, Schneehühner u.s.w. Mit dem Bildnisse des Sir Thomas Stamford Raffles, einer Vignette und 30 colorirten Abbildungen.
IV. Naturgeschichte der wiedertauchenden Thiere, erster Theil: Kameele, Llama, Eleuthiere, thibetanische Ziegen, Hirsche, Rehe, Steinböcke, Antelopen, Gemse u.s.w. Mit dem Bildnisse des John Hunter, einer Vignette und 31 colorirten Abbildungen.
A covering date, 1837, on a vignette title is provided for the sections on Feathered Game, but at least two of these were issued in 1835-6. The first part probably appeared in 1834.

1834-6. The Naturalist's Library. Edited by W. Jardine. 40 vols. 8vo. hundreds of col. pl. and text illustr. London.

The volumes of this famous collection are entered in this Catalogue under the respective names of their writers. In addition to the description and depiction (mostly finely colored plates) by various well-known contributors to almost the whole range of the subject, the series is supplemented by biographies of famous naturalists of all times and of all countries—Linnaeus, Alex. Wilson, F. Willughby et al. It is well described as a remarkable little library of early nineteenth-century zoology, as well as a brief account of the lives of the chief zoologists of all time, from Aristotle to Azara. See also NATURALIST'S LIBRARY.

1836. Gallinaceous Birds. (Memoirs of Aristotle.) 8vo. pp. 225. 29 col. pl. 1 portr. Edinburgh.

Vol. V of the Naturalist's Library or Vol. III of *Ornithology*. A second edition of this valuable series was issued in 1845-6, of which the above title formed vol. XIV.

1838. The natural history of [British] Birds of Prey. 8vo. pp. xiv+315. 36 col. pl. Edinburgh.

Preceded by a memoir of Sir Robert Sibbald, the author-editor of this separate monograph in the justly famous Naturalist's Library gives a brief but useful account of British Birds of Prey with their synonyms, habits, nidification, &c.

1838-43. Birds of Great Britain and Ireland. 5 vols. 8vo. (The Naturalist's Library.)

The five volumes in which the above four parts are bound in the E.S.W. Library are as follows: Vol. I, 1838. Birds of Prey, Wm. Jardine. Vol. II, 1838. Flycatchers, Wm. Swainson. Vol. III, 1839. Incessores, Wm. Jardine. Vol. IV, 1842. Rasores and Grallatores, Wm. Jardine. Vol. V, 1843. Natatores, Wm. Jardine. Most of these titles are separately treated in this Catalogue under proper captions. A second edition was published in 1845.

1839. The natural history of the birds of Great Britain and Ireland. Incessores. 8vo. pp. xii+409. 33 col. pl. (3 of eggs). Edinburgh.

This short but well-written account of the Shrikes, Thrushes, Chats, Warblers, &c. of the British Isles is preceded by a brief biography of William Smellie. In the E.S.W. Library it forms vol. XI of *Ornithology* in the Jardine Naturalist's Library. As in the case of the other monographs there were several almost identical printings and reissues of this standard work.

[1839-41]. British Salmonidae. Pts. 1 and 2 (all pub.). 12 col. pl. (Wanting.) Edinburgh.

1840. The natural history of humming-birds. 2 vols. 8vo. Vol. I, pp. xv+191. 34 pl. (col.). 11 figs. Vol. II, pp. viii+192. 30 pl. (col.). 5 figs. T. of c. index. Edinburgh.

This is a special edition of the work first published in 1833, with some changes.

1842. The natural history of the birds of Great Britain and Ireland. Pt. III. Rasores and Grallatores. 8vo. pp. xvi+349. 34 col. pl. (Naturalist's Library, *Ornithology*, Vol. XII.) Edinburgh.

1843. The natural history of the birds of Great Britain and Ireland. Pt. IV. Natatores. 8vo. pp. xiv+313. 33 col. pl. (Vol. XIV, Naturalist's Library, *Ornithology*.) Edinburgh.

1843. The natural history of nectariniadae or sun-birds. 8vo. pp. 14+277. 30 col. pl. T. of c. (Naturalist's Library, *Ornithology*, vol. 13.) Edinburgh.

This preface is a memoir, by the editor, of Francis Willughby. A second issue appeared in 1845-6.

JARDINE, Sir W. (contd.)

[1844-64]. Ornithology. Birds of Great Britain and Ireland. 4 vols. 8vo. 129 col. pl. Naturalist's Library. Edinburgh.

This is practically a reprint from the Naturalist's Library, with new titles, and furnishes the ornithological portion of Jardine's works.

[1845-6]. Lions, Tigers, etc. (Memoir of Cuvier.) 8vo. pp. 276. 34 col. pl. Edinburgh.

The above is vol. XVI (second issue) of the famous Naturalist's Library; also entitled *Mammalia*, vol. II.

[1845-6]. Fishes of the Perch Family. (With memoir of Sir J. Banks.) 8vo. pp. 177. 34 pl. Edinburgh.

Vol. XXXVIII, second issue (*Ichthyology*, vol. IV), of the Naturalist's Library.

[1845-6]. Monkeys. (Memoir of Buffon.) 8vo. pp. 288. 29 col. pl. Edinburgh.

Vol. XXVII (*Mammalia*, XIII) of the second issue, Naturalist's Library.

[1845-6]. Deer, Antelopes, Camels, etc. (Memoir of Camper.) 8vo. pp. 229. 33 col. pl. Edinburgh.

The above is vol. XXI, or *Mammalia*, vol. VII, second issue, of the Naturalist's Library.

[1845-6]. Goats, Sheep, Oxen, etc. (Memoir of J. Hunter.) 8vo. 32 col. pl. Edinburgh.

This is vol. XXII (*Mammalia*, VIII) of the Naturalist's Library, second issue.

[1845-6]. Thick-skinned Quadrupeds. (Memoir of Hans Sloane.) 8vo. pp. 248. 30 col. pl. Edinburgh.

Vol. XXIII (*Mammalia*, IX) of the Naturalist's Library, second issue.

1848-53. Contributions to ornithology for 1848-52. 5 vols. 4to. 101 col. pl. T. of c. Edinburgh.

This rare work is sometimes catalogued as a periodical. It was certainly issued at intervals to subscribers in parts that were separately paged. The volume for 1848-9 contains an important section—'Illustrations of Ornithology'—with beautiful hand-colored portraits of birds. The 1850 volume, also separately paged, contains, among other important matter, 'Illustrations of Foreign Oology'. The volume for 1851-2, also profusely illustrated with both plain and colored plates, presents more Ornithological Illustrations, papers, reviews, &c., but no index. The volumes in hand are from the Godman Library, two of which have laid in two A.L.S. from Sir William Jardine on matters relating to the 'Contributions'. An incomplete set, once the property of Jules Verreaux, in the E.S.W. collection, with original wrappers, has MS. notes by Dr. Chas. W. Richmond through whom it was secured for the Library.

1854. See WILSON, ALEX.

1858. Memoirs of Hugh Edwin Strickland. See STRICKLAND, H. E.

1919. A Naturalist's Calendar, kept by Sir William Jardine . . . from 1st-31st January 1829. Edited by Hugh S. Gladstone. 4to. pp. 37. front.

Editor's reprint from the *Trans. Dumfriesshire and Galloway Nat. Hist. and Antiquarian Soc.*

JARMER, KARL.

1928. Das Seelenleben der Fische. 8vo. pp. 10+131. 8 pl. München.

JASPER, THEODORE and STUDER, J. H.

1874-8. Ornithology; or, The science of birds. From the text of Dr. Brehm. With two hundred and twelve illustrations. folio. pp. (6)+156. 4 pl. (diagr.). 37 pl. T. of c. Columbus, O.

The first edition of the numerous, involved, and widely printed Jasper-Studer publications, for most of which Dr. Jasper made the drawings and Studer supplied the text. Issued in 40 parts in conjunction with Studer's popular *Ornithology. The Birds of North America*, 1878. The covers to parts 21-40 are bound in at the end of the volume. See also STUDER, J. H., 1874-8.

1881? Studer's popular ornithology. The birds of North America. Upwards of seven hundred different species and varieties. folio. pp. (10)+182. 119 pl. (col.). 2 indexes. Montreal.

A revised edition of the earlier work of similar title, 1874-8. Much of the text is the same as the former edition although some of it is rewritten with corrections and alterations in the nomenclature. The illustrations are mostly as before with retouching, except plates I-XIII which are materially altered, not only as to backgrounds, but with changed, enlarged, and altered attitudes of the birds, and in some cases the entire plate has been printed backwards. The coloration of most of the plates is also different from the original ones. There is no date on the title-page other than that of the copyright, 1881. The present copy was published by Arthur J. Cleveland & Co., Montreal, Canada.

1895. The birds of North America. Jacob H. Studer, editor and proprietor. folio. pp. 16+182. 119 pl. (col.). 2 indexes. New York.

This edition differs but little from that of 1881, except in its title, and the addition of the systematic table, with index to page, plate, and figure in the text. The name of the author, Theodore Jasper, is omitted in the title of the present edition, only that of the editor, Jacob Henry Studer, appearing, with his portrait as a frontispiece. Another edition appeared in 1897. See also STUDER, J. H.

1897. The birds of North America. pp. 16+182. 119 pl. (col.). 2 indexes. New York.

This edition differs in no essential from that of 1895.

JASSY. Société des Médecins et Naturalistes.

Jassy.

1892-1911. Bulletin.

1912-16. Bulletin et Mémoires.

1923-date. Buletinul. (Iasi.)

JASSY UNIVERSITATE, ROUMANIA.

1900-date. Annales Scientifiques.

JAUBERT, JEAN BAPTISTE [1826-?97] and BARTHÉLEMY-LAPOMMERAYE, C. J.

1859-62. Richesses ornithologiques du Midi de la France, ou Description méthodique de tous les oiseaux observés en Provence, etc. 7 pls. folio. pp. 547. 20 col. pl. Marseille.

The birds of Middle and Southern France are systematically described and their specific and generic characters fully detailed. The hand-colored plates are remarkably well done; indeed the whole work is a valuable and practical treatise on the subject.

(JAUME-SAINT-HILAIRE, JEAN HENRI), [1772-1845].

1801. An XI. Notice des principaux objets d'histoire naturelle, conservés dans les Galeries du Muséum du Jardin des Plantes de Paris. 8vo. pp. 216. Paris.

Name of author from Sherborn, *Index Animalium*.

This systematic catalogue has a curious and excessively rare manuscript editorial 'parafe' (or scroll-like signature of the author) in Arabic characters subscribed to the official right of publication (copyright). The title fully describes the purpose of the work. The translation of the Arabic script is 'May the blessings of Allah be upon him'.

JEANNEL, RENÉ.

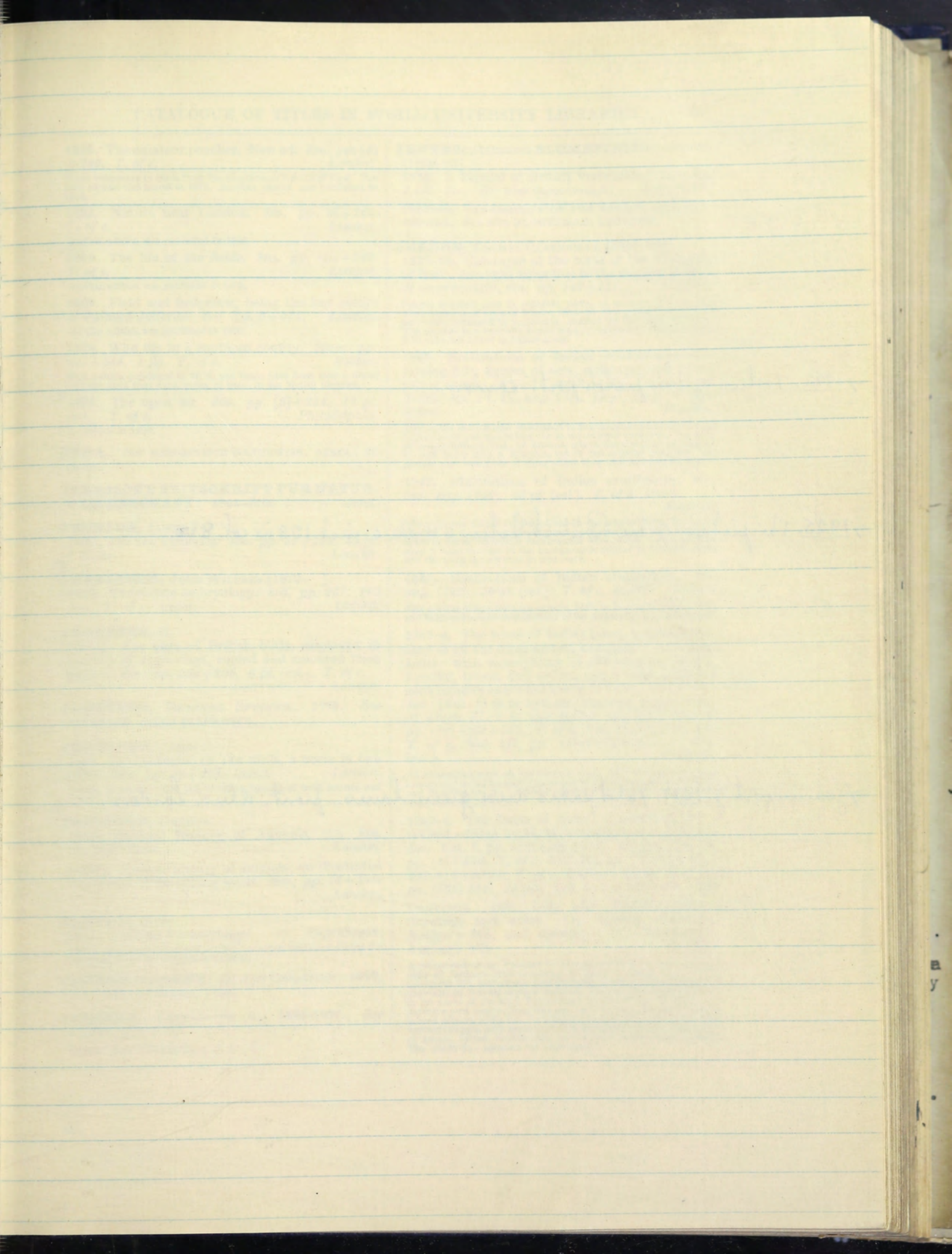
1926. Faune Cavernicole de la France, etc. Paris.

JEFFERIES, JOHN RICHARD [1848-87].

1878. The gamekeeper at home; sketches of natural history and rural life. 8vo. pp. 7+216. T. of c. London.

A third printing appeared in 1879 and still another in 1881 without essential changes, 1889.

1880. Round about a great estate. 8vo. pp. vii+[2]+204. T. of c. Boston.



→ 1892. Toilers of the field. part. London.

→ 1925. The fishes of the British Isles. 278 illus, incl. 128 in col. 8 vo.

→ Jennings, L. G. 1877. Field paths and green lanes... front. illus. London.

- 1881.** The amateur poacher. New ed. 8vo. pp. [4] + 240. *T. of c.* London.
Many references to birds from the gamekeeper's point of view. The first edition was issued in 1879. Another reprint was published in 1914.
- 1883.** Nature near London. 8vo. pp. vi + 242. *T. of c.* London.
Another edition was published in 1908.
- 1884.** The life of the fields. 8vo. pp. viii + 262. *T. of c.* London.
Another edition was published in 1908.
- 1889.** Field and hedgerow, being the last essays of Richard Jefferies. 8vo. pp. 8 + 331. London.
Another edition was published in 1900.
- 1889.** Wild life in a southern county. 12mo. pp. viii + 344. 1 fig. *T. of c.* Boston.
First edition published in 1879, and there have been over a dozen editions since that date, many of them in the McGill libraries.
- **1908.** The open air. 8vo. pp. [6] + 234. 12 pl. (col.). *T. of c.* Philadelphia.
Reprinted in 1909.
- JENA.** See MEDIZINISCH-NATURWISS. GESEL. ZU JENA.
- JENAIISCHE ZEITSCHRIFT FÜR NATURWISSENSCHAFT.** 1864-date. Jena.
- JENKINS, JAMES T.**
1920. The Sea Fisheries. 8vo. pp. 31 + 299. 39 pl. 2 maps. London.
- **JENKINSON, JOHN WILFRID** [1872-].
1913. Vertebrate embryology. 8vo. pp. 267. 162 figs. *T. of c. index.* Oxford.
- JENNINGS, C.**
[1853]. The eggs of British birds, displayed in a series of engravings, copied and coloured from nature. 8vo. pp. xxx + 200. 6 pl. (col.). *T. of c.* London.
- JENNINGS, HERBERT SPENCER.** 1901. See REIGHARD, JACOB ELLSWORTH.
- JENNINGS, JAMES.**
1828. Ornithologia; or The birds, a poem in two parts. 8vo. pp. 29 + 468. *index.* London.
Neville Wood describes this work as 'devoid of both science and poetry'.
- **JENNISON, GEORGE.**
1897. Natural History of Animals, etc. 8vo. pp. 360. *illust.* London.
[1927]. Natural history of animals; an illustrated who's who of the animal world. 8vo. pp. 16 + 343. pl. London.
- JENSEN, J. V.**
1927. Dyrenes Forvandlings. Copenhagen.
This is an important treatise on the characters exhibited during the processes of metamorphosis in animals.
- JENSEN-HAARUP, ANDERS CHRISTIAN.** 1899. See FLORA OG FAUNA, 1899.
- JENTINK, FREDERICUS A.** 1890-1907. See WEBER, MAX C. W.
1906. See WICHMANN, C. E. A.
- JENYNYS**(afterwards **BLOMEFIELD**), LEONARD [1800-93].
1835. A Manual of British Vertebrated Animals. 1 vol. 8vo. See also BLOMEFIELD. Cambridge.
1839-43. See ZOOLOGY OF THE VOYAGE OF H.M.S. BEAGLE. See also BLOMEFIELD, LEONARD.
- JERDON, THOMAS CLAVERHILL** [1811-72].
1839-40. Catalogue of the birds of the peninsula of India, arranged according to the modern system of classification, etc. pp. 140 + 227. Madras.
Issued, repaged and in separate parts, as an excerpt from the *Madras Journ. of Lit. and Science*, 1839-40. It is an early descriptive catalogue, arranged in systematic manner, of the birds of India. The present is a specially bound copy, presented to Thomas Horsfield who has added marginal notes.
1847. Illustrations of Indian ornithology, containing fifty figures of new, unfigured and interesting species of birds, chiefly from the south of India. 4to. Pt. IV, unpag. (25). 10 pl. (col.). *T. of c. index.* Madras.
This rather rare treatise was issued in four parts of which the above is the fourth and concluding one in the original wrappers. The firm of Higginbotham, Ltd., of Madras, where the Compiler purchased it, had never seen a complete set in the original wrappers, the present part being one of three which they had sold one by one.
1847. Illustrations of Indian ornithology, etc. 8vo. unpag. (166). 50 pl. (col.). *T. of c. index.* Madras.
The work was issued in four parts. In the original form, the backgrounds of the plates were incomplete as compared with the later types in which additional backgrounds were added. In the present copy a large number of the backgrounds appear to be incomplete and the work is very rare in this state.
1847. Illustrations of Indian ornithology. 4to. unpag. (142). 50 pl. (col.). *T. of c. index.* Madras.
This edition differs from the octavo, 1847, in having more elaborate and finished backgrounds to many of the plates; the text is the same.
1862-4. The birds of India: being a natural history of all the birds known to inhabit continental India; with descriptions of the species, genera, families, tribes, and orders, and a brief notice of such families as are not found in India. 2 vols. in 3. 8vo. [Vol. II is in two continuously pagged parts, of which Pt. 2 is also styled vol. III.] Vol. I, pp. (18) + xlv + 535. *T. of c.* Vol. II, pp. (8) + 439. *T. of c.* Vol. III, pp. 441-876 + xxxii. *T. of c. index.* Calcutta.
An exhaustive work on the birds of India, with descriptions, some synonymy (including native names), and voluminous notes on habits and distribution, &c. Another edition with supplementary notes was published in 1877.
1862-4. The birds of India. [Collections for a revised edition by H. H. Godwin-Austen.] 5 vols. 8vo. Vol. I, pp. (18) + xlv + 535. *T. of c.* Vol. II, pp. (8) + 439. *T. of c.* Vol. III, pp. (8) + iv + (4) + 441-876 + xxxii. *T. of c. bibliogr. index.* Vol. IV, pp. (688) MS. 18 pts. Vol. V, pp. (40) MS. 1 pt. CONTENTS: vols. 1-3, with Godwin-Austen's drawings and notes. [4]. Species omitted—Author's MS. and drawings. [5]. Supplement. Author's MS. Calcutta.
A unique collection. Volumes I-III comprise H. H. Godwin-Austen's copy of Jerdon's original edition of *Birds of India*, 1862-4, with numerous MS. corrections and notes for a 2nd edition and colored drawings by Godwin-Austen inserted. Volume IV contains the MS. in 18 parts of Jerdon's Supplement to his edition of 1862-4 (in Jerdon's own handwriting, 688 pp.) used by Godwin-Austen for his second edition, while Vol. V contains a further MS. in Jerdon's handwriting (40 pp.), with some colored drawings by Jerdon, on the birds of Assam, Sylket, Burma, &c., not included in the *Birds of India*. The whole five volumes are unpublished.

[**JERDON**, T. C. (*contd.*)]

1863-70. The birds of India, etc. 2 vols. in 3. 8vo. Vol. I, pp. (14)+xlvi+(1)+535. T. of c. Vol. II, pp. (6)+439. T. of c. Vol. III, pp. (8)+iv+(3)+(1)+441-876+xxxii. T. of c. index. Vol. I. Cherraponjee. Vols. II-III. Calcutta.

A reprint of the edition of 1862-4 (q.v.), the only difference being that volume I bears the title-page of the 1870 edition with Cherraponjee as place of issue, instead of Calcutta as in vols. II-III. A further edition with supplementary notes appeared in 1877.

1864. The game birds and wild fowl of India; being descriptions of all the species of game birds, snipe, and duck found in India, with an account of their habits and geographical distribution. 8vo. pp. [4]+195. index. (MS. notes at back of index.) Calcutta.

A very rare treatise.

? **1866.** [Birds of India. Index of English and native names.] 8vo. pp. 24+38. n.p.

Index to Jerdon's *Birds of India*, 1862-4 (q.v.), in two parts, the first containing the English names, pp. 1-24, the second the native names, pp. 1-38.

1867. The Mammals of India, etc. 8vo. pp. 16+319+15. (Wanting.) *Rorkee.*

An excellent treatise by a well-known naturalist. A. C. McMaster, in 1870, wrote *Notes on Jerdon's Mammals of India*.

1874. The Mammals of India, etc. 8vo. pp. 31+335. *append. index.* *London.*

In 1867 the first edition of this popular work was issued from Rorkee. The present volume may be regarded as the second edition, although not officially recognized as such.

1877. The birds of India. 2 vols. in 3. 8vo. Vol. I, pp. lv+535+lxxxvii. 1 pl. T. of c. Vol. II, pp. (8)+439+xvi. T. of c. Vol. III, pp. 441-876. T. of c. indexes. *Calcutta.*

A page-for-page reprint of the 1862-4 edition to which has been added the supplementary notes published in *Ibis* for 1871-2, under the supervision of Maj. Godwin-Austen.

JERSEY. Marine Biological Laboratory. See JOURNAL OF MARINE ZOOLOGY AND MICROSCOPY.

→ **JESSE**, EDWARD [1780-1868].

1832-5. Gleanings in natural history. 3 vols. 8vo. Vol. I, pp. xi+(1)+314. 1 pl.+7 (inserted). 7 figs. T. of c. Vol. II, pp. xi+(1)+321. front. (inserted chart). 15 pl. (inserted). 5 figs. T. of c. Vol. III, pp. xi+(1)+310. front. 1 pl.+12 (inserted). 1 fig. T. of c. *London.*

In the present copy volumes II and III are first editions or series, vol. I being the third series, the first appearing in 1832. The three volumes in hand are extra illustrated principally by wood-cuts from Bewick first edition, the total number being 34, and not 48, as stated in the pencil note to vol. I. A presentation copy from the author to the Honble. Mrs. Talbot.

1834. Gleanings in Natural History . . . to which are added some extracts from the unpublished MSS. of Mr. White of Selborne. 8vo. pp. 11+321. Second Series. *London.*

The second of three famous series, the first having been published in 1832.

1838. Gleanings in natural history. 2 vols. 8vo. Vol. I, pp. xi+352. 1 pl. 6 figs. T. of c. Vol. II, pp. v+383. 4 figs. T. of c. *London.*

The fourth edition of the three series, to which considerable additions have been made.

1844. Scenes and tales of country life, with recollections of natural history. 8vo. pp. vii+395. 3 pl.+11 (inserted). T. of c. *London.*

In the present copy 11 extra wood-cuts (principally from Bewick, 1st ed.) have been inserted. Another edition, with title altered, appeared in 1875.

1861, 1876, 1881. The natural history of Selborne. See WHITE, Rev. GILBERT.

1874. Bird-life, &c. See BREHM, A. E.

JEWETT, STANLEY G. and **GABRIELSON**, IRA N.

1929. Birds of the Portland Area, Oregon. 8vo. pp. 54. 21 figs. *Berkeley.*

JHERING, HERMANN VON. See IHERING, H. VON.**JOB**, HERBERT KEIGHTLEY [1864-].

1902. Among the water-fowl . . . in the northern and middle states and lower Canada, east of the Rocky mountains. 8vo. pp. xxi+224. 96 figs. T. of c. *New York.*

Another issue appeared in 1903 without alterations of any kind.

[1905]. Wild wings; adventures of a camera-hunter among the larger wild birds of North America on sea and land. 8vo. pp. xxiv+341. 18 pl. 144 figs. T. of c. index. *New York.*

1908. The sport of bird-study. 8vo. pp. xiii+284. 75 pl. T. of c. index. *New York.*

A popular account of how to shoot birds with a camera rather than with a gun.

1910. How to Study Birds, etc. 8vo. *New York.*

1915. Propagation of wild birds; a manual of applied ornithology, treating of practical methods of propagation of quails, grouse, wild turkey, pheasants, partridges, pigeons and doves, and waterfowl, in America, and of attracting and increasing wild birds in general. 8vo. pp. xii+276. front. 64 pl. T. of c. addend. index. *New York.*

A revised and enlarged edition was issued in 1923.

1917. Birds of America. See PEARSON, T. G.

JOCHELSON, VLADIMIR ILICH [1856-].

1928. Peoples of Asiatic Russia. 8vo. pp. 277. pl. maps. *New York.*

JOHANNES DE SANCTO GEMINIANO.

1499. Summa de exemplis ac similitudinibus rerum. 8vo. pp. [18]+756. *Venice.*

This is one of the rarer incunabula—really a second edition of the 1497 (word-for-word) treatise from Dean Adams' library—a small black-letter copy which devotes a paragraph here and there to the bird life of the Middle Ages, probably as known to the writer from the pages of Aristotle and not from his own observations. See *Cat. Br. Mus. Bloomsbury*, p. 351.

JOHANSEN, ANDERS CORNELIUS JACOB [1867-].

1918. Randers Fjords Naturhistorie, ved A. C. Johansen, under Medvirksomhed af H. J. Ditlevsen [and others]. 4to. pp. 8+520. illust. maps. *Copenhagen.*

JOHANSEN, G.

1907. Material for a study of Tomsk ornithology. [In Russian.] 8vo. pp. [6]+240+[2].

The above systematic contribution to our knowledge of Siberian birds includes 291 species. It is in Russian with a partial translation into German of important headings by Prof. Reichenow, to whom the copy in hand was presented by the author.

JOHN CREER LIBRARY.

1902. A list of bibliographies of special subjects . . . July, 1902. 4to. pp. 504. *Chicago.*

The bibliography of natural history, extremely useful for the student and librarian, comprises pp. 183-288.

Jespersen, Ornithological observations in the North Atlantic Ocean.

→ 1888. *British Birds in their Haunts*. 8vo. London.

Johnson, (Samuel) *Rasselas*. 1819. With engravings by A. Raimbach from pictures by R. Smike.

→ Johnson, W.B. 1931. *Plants and animals: An introduction to Biology*. 8vo. 4 illus. with photos. London.

→ Johnston, J. 1847. *History of British zoophytes*. 2 v. part., pls. Vooret.

/a

→ 1678. *A Description of the Nature of Four-Footed Beasts, with their figures engraved in Brass*. Written in Latin. Trans. into English by J.P. Folio, 50 eng. London.

JOHNS, CHARLES ALEXANDER [1811-74].

1862. British birds in their haunts. 8vo. pp. 32+626. 190 text-figs. London.

First edition. This deservedly popular treatise passed through nearly 20 printings.

1867. British Birds in their Haunts. 8vo. London. Another of numerous editions.

→ 1905. I go a-walking through the lanes and meadows. 8vo. pp. 99. illust. Edinburgh.

1920. British Birds in their Haunts. 15th ed. 8vo. pp. 22+626. 16 col. pl. 190 text-figs. index. London.

1922. British Birds in their Haunts. 8vo. 64 col. pl. London.

JOHNS HOPKINS UNIVERSITY.

Baltimore, Md.

1887-1903. Biological Laboratory—Memoirs.

1877-93. Biological Laboratory—Studies.

1878. Chesapeake Zoological Laboratory—Scientific results.

JOHNSON, ALLEN, ed. ?1922. See DICTIONARY OF AMERICAN BIOGRAPHY.**JOHNSON, GEORGE LINDSAY** [1854-].

1901. Contributions to the Comparative Anatomy of the Mammalian Eye, etc. (Repaged reprint of the *Philosophical Trans. Roy. Soc.*) folio. London.

JOHNSON, MAYNARD STICKNEY [1900-].

[1926]. Activities and distribution of certain wild mice in relation to biotic communities. 4to. pp. 2+36. illust. (Illinois University thesis.)

Baltimore.

JOHNSON, MYRTLE.

[1828]. Seaside Animals of the Pacific Coast.

JOHNSON, P. H. 1926. See DOUGLAS, A. J. A.**JOHNSON, THEO.**

1909. Some Varieties of the Domestic Cat. 4to. pp. 27. 26 col. pl.

JOHNSON'S NATURAL HISTORY. See GOODRICH, S. G., 1875.**JOHNSTON, HARRY HAMILTON, Sir** [1858-1927].

1882. Report on the natural history of [Portuguese] Mossamedes and district, and of south-western Africa generally. 8vo. pp. 13. London.

1884. The River Congo . . . with a general description of the natural history. 8vo. pp. xvii+470. 11 pl. text illust. 2 maps. London.

1886. The Kilimanjaro Expedition, etc. 8vo. pp. 15+572. 15 pl. 4 maps. text illust. (Wanting.) London.

In the appendix of this work, describing one of the best known of Sir Harry Johnston's expeditions, is a List of the Birds collected, by G. E. Shelley, and a List of Mammals obtained, by O. Thomas.

1902. The Uganda Protectorate . . . Zoology, etc. 2 vols. 8vo. illust. (col.). London.

For this interesting History O. Thomas furnishes a List of the Mammals, C. Chubb a tentative list of the Birds, and G. A. Boulenger a List of the cold-blooded Vertebrates.

1903. British mammals. 4to. pp. 16+405. illust. (Woburn Library.) London.

1906. British Central Africa. 4to. London.

1906. Liberia [and its natural history]. London.

[c. 1923]. The story of my life. 8vo. pp. (6)+504. front. (portr.). 31 pl. 1 map (col.). append. index. London.

The autobiography of a noted naturalist, empire builder, and author, in which there are numerous references to animal life, such as those of Achill Island, the Cameroons, the Lower Congo, Tanganyika, &c.

****** and others.**

1926. Marvels of the Universe. A Popular Work on the Marvels of The Heavens, The Earth, Plant Life, Animal Life. 2 vols. 4to. 36 col. pl. 821 figs. London.

A popular treatise on natural philosophy with a scientific tone that distinguishes it from several others of its class. Vertebrate zoology is fairly presented.

n.d. Wonders of the World, etc. 28 col. pl. See WONDERS OF THE WORLD.

JOHNSTON, I. H.

1923. Birds of West Virginia. 8vo. pp. 138. front. 2 pl. 62 figs. (42 col.). 1 diag. Charleston.

JOHNSTON, JOHN BLACK [1868-].

1906. The nervous system of vertebrates. 8vo. pp. xx+370. 180 figs. T. of c. bibliogr. index. Philadelphia.

JOHNSTONE (JOHNSTON, JONSTON, JONSTONUS), JOHN [1603-75].

1632. *Thaumatographia naturalis in decem classes distincta*, etc. 12mo. Amstelodami.

This rare first edition of a famous treatise is in the *Bibliotheca Osleriana*.

1633. *Thaumatographia naturalis, in classes decem divisa*. Ed. Secunda priore auctior. 18mo. pp. 6+578. Amstelodami.

In this very early (second) edition Johnstone acknowledges his indebtedness to Aristotle and to Galen. The ten classes are: Sky, Elements, Meteors, Fossils (meaning minerals dug out of the ground), Plants, Birds, Quadrupeds, Invertebrates (*Exsanguinea*), Fishes, Man.

1641. *Thaumatographia naturalis in decem classes distincta*, etc. 12mo. pp. 498+[14]. Amstelodami.

A very interesting early treatise on animals, issued in 10 parts of 37 chapters, of which part VI is devoted to birds.

Newton (*Diet. Birds*, p. 6) describes this and the other treatises of the author, of Scottish descent but by birth a Pole, 'that ran through several editions in the seventeenth century, as little more than an epitome of the work of Aldrovandus'. The copy in hand is from the Dean Adams Library.

1657. (An) history of the wonderful things of nature set forth in ten severall classes; and now rendred into English by a person of quality. 4to. pp. [14]+354. London.

1657. *Historia naturalis*. 6 pts. in 1 vol. folio. pl. Amstelodami.

CONTENTS. Vol. [1]. De quadrupedibus [2]. De avibus. [3]. De piscibus. [4]. De exanguibus aquaticis. [5]. De insectis. [6]. De serpentibus.

This (*editio princeps*) was also published in Frankfurt a/M. in 1657-68, and there issued in six separate parts. One copy of this rare work belonged to Francis Willughby (with his autograph on the title) and is now in the Osler Library.

1665. *Thaumatographia naturalis*, etc. 12mo. [O.] Amstelodami.

[**JOHNSTONE, J.** (*contd.*)]

1718. *Theatrum universale omnium animalium, piscium, avium, quadrupedum, exanguium, aquaticorum, etc.* 2 vols. 4to. pl. *Amstelodami.*

Ruyssch's edition of the author's *Historia Animalium*, illustrated by 260 plates of medieval quality. At the end of the history of fishes there is an appendix on the *Unicornus marinus* with figures of the narwhal drawn by a ship's doctor, but with no reference to the *Museum Wormianum*. The illustration of the Rhinoceros (pl. 38, vol. 2) is probably after Albrecht Dürer, who is not mentioned.

1755-69. *Historia naturalis de Arboribus*, 2 vols. in 1; *Theatrum Universalis de Avibus . . . Insectis . . . Quadrupedibus, etc.* 3 vols. folio. 374 pl.

Actually three separate titles to constitute another edition.

1773-4. *Histoire naturelle et raisonnée des différens oiseaux qui habitent le globe.* 2 vols. folio. Pt. I, pp. (4)+23. 23 pl. 20 figs. Pt. II, pp. (4)+64. 62 pl. 1 fig. *Paris.*

One of the numerous translations and printings of this popular author.

1903-7. See ANNANDALE AND ROBINSON.

JOHONNOT, JAMES.

[1885]. Glimpses of the animate world; or, [popular] Science and literature of natural history. 8vo. pp. xx+414. 54 figs. *T. of c.* *New York.*

JOINT BULLETIN VERMONT BOTANICAL AND BIRD CLUB. See BULLETIN VERMONT BOTANICAL AND BIRD CLUB.

JOLY, H.

1886. *L'homme et l'animal.* 2nd ed. *Paris.*

JONES, C. A.

[1863]. Home walks and holiday rambles. 12mo. pp. vi+273. 4 pl. 8 figs. *index.* *London.*

JONES, DONALD FORSHA [1890-].

1925. Genetics in plant and animal improvement. 8vo. pp. viii+568. 229 figs. *T. of c. index.* *New York.*

→ **JONES, FREDERIC WOOD** [1879-].

1923-5. The mammals of South Australia. 3 pts. in 1 vol. 8vo. *illustr.* (Handbooks of the flora and fauna of South Australia.) *Adelaide.*

1929. Man's place among the mammals. 8vo. pp. 12+372. *illustr.* *London.*

JONES, GENEVIEVE ESTELLE.

[1879]-86. Illustrations of the nests and eggs of birds of Ohio. See JONES, H. E.

JONES, HOWARD E. and others.

1879-86. Illustrations of the nests and eggs of birds of Ohio with text. Illustrations by Mrs. N. E. Jones. Text by H. Jones. 2 vols. folio. Vol. I, pp. xxxviii+126. 37 pl. (col.). Vol. II, pp. 127-329. 31 pl. (col.). 2 indexes. *Circleville, O.*

This work, illustrated by hand-colored lithographs, is among the rarest of *Americana ornithologica*. It was issued in 23 parts, having been commenced by Miss Estelle Jones and Miss Eliza J. Schulze. Plate LV is wrongly numbered LVI, but has been corrected in the present copy, which is from the John Lewis Child's library, with Child's hand-painted book-plate of a Barn Swallow. Attached also to the copy in hand are several letters from various people regarding the history and value of the work, from which we learn that only 90 copies were issued, that as much as \$1,200 has been asked for a single copy, and that when Miss Genevieve Estelle died after a year's work on the illustrations her mother Mrs. N. E. Jones took up the task, working for over eight years to consummate what her daughter

had at heart, she being really the originator of the work. Elliott Coues always spoke of the work in the most flattering terms, for instance: 'There has been nothing since Audubon in the way of pictorial illustrations of American ornithology to compare with the present work—nothing to claim an equal degree of artistic skill or scientific accuracy.'

JONES, JOHN MATTHEW and others.

1859. *The Naturalist in Bermuda, etc.* 8vo. pp. xii+200. 1 map. *illustr. text.* *London.*

In this work J. W. Wedderburn described the Birds and J. L. Hurdis further notes on the same subject.

**** and **GOODE, G. B.**

1884. Contributions to the natural history of the Bermudas. Vol. I, pp. 23+352. 12 pl. *Washington.*

This is Bull. 25 of the U.S. National Mus. in which J. M. Jones describes the Mammals, Capt. S. G. Reid the Birds, and S. Garman the Reptiles.

JONES, LYNDS [1865-].

1903. The Birds of Ohio. 8vo. pp. 241. *front.* (map fold.) *index.* *Columbus.*

An annotated list of 338 species, a revision of Wheaton's *Report on the birds of Ohio*, 1882, in which 298 species were treated. In this copy the covers are bound in.

1909. The birds of Washington. See DAWSON, W. L. and BOWLES, J. H.

JONES, OWEN.

1910. Ten years of game-keeping. 3rd ed. 8vo. pp. xii+306. 15 pl. *T. of c. index.* *London.*

JONES, THOMAS RYMER [1810-80].

1855. General outline of the organization of the animal kingdom, and manual of comparative anatomy. 2nd ed. 8vo. pp. xli+842. 398 figs. 2 indexes. *London.*

The first edition of this well-known textbook was, under a slightly different title, published in (1838)-41.

1858. The aquarian naturalist. 12mo. pp. 18+524. *London.*

1861. General outline of the organization of the animal kingdom. 3rd ed. 8vo. pp. xviii+841. 423 figs. 2 indexes. *London.*

1867. The natural history of birds. 8vo. pp. 8+576. 215 text-figs. *index.* *London.*

The first edition of this concise and popular handbook, which passed through at least three more printings.

[1869-73]. Cassell's book of birds. See BREHM, A. E.

1871. A General Outline of the Organization of the Animal Kingdom, etc. 4th ed. 8vo. 336 *illustr.* *London.*

n.d. The animal creation; a popular introduction to zoology. 8vo. pp. 22+456. 500 *illustr.* *London.*

→ **JONSTONUS, JOHANNES.** See JOHNSTONE (JONSTON), JOHN.

JORDAN, DAVID STARR [1851-].

1876. Manual of the vertebrates of the northern United States, including the district east of the Mississippi River, and north of North Carolina and Tennessee, exclusive of marine species. 12mo. pp. 343. *addend. glossary. index.* *Chicago.*

The earliest independent publication on vertebrates by this famous author.

1882. Fishes of Ohio.

- 297 **GENNARO.**—Istoria della Vita, Virtù e Miracoli di S. Gennaro, vescovo e Martire Principal Padrone della Fedelissima Città, e Regno di Napoli, Scritta dal Padre F. Girolamo M. di S. Anna. *Fine plate of the armorial bearings of Guiseppe del Ponte, duca di Flumari, to whom the work is dedicated.* Sm. 4to., original limp vellum. *In Napoli, 1707* 7s. 6d.
Some leaves browned by age.
- 298 **GENTLEMAN'S JOCKEY** (The) and Improved Farrier, instructing in the Natures, Causes and Cures of all Diseases incident to Horses, with Method of Breeding, Buying, Dieting, etc., with divers other curiosities, collected by J. H. Esq., Matthew Hodson, Holled, Willis, Robinson, Holden, Empson and others. *Seventh Edition, with Additions, and folding plate.* Sm. 8vo., old calf. 1683 10s.
Some wormholes in bottom front margins of several leaves. Plate (backed) title-page soiled and a small tear in same repaired.
- 299 **GEORGE III.**—Huish (Robert) Memoirs of George the Third. *With engraved title and 20 engravings of portraits, and scenes in the life of the King, etc.* 4to., calf, joints weak. 1821 6s.
- 300 **GOLDSMITH** (Oliver) Poetical Works of. With Remarks attempting to Ascertain, chiefly from Local Observations the Actual Scene of the Deserted Village. *With engraved Dedication and 6 aquatint plates by R. H. Newell, engraved by S. Alken.* 4to., original boards, a little worn and back re-covered, uncut edges. 1811 10s.
A little stained on bottom of front fly-leaf and bottom of frontispiece at back.
- 301 **GRAHAM** (Maria) Journal of a Residence in India. *Coloured frontispiece and 15 plates.* 4to., half russia, joints rubbed and weak, worn at top of back. 1812 6s.
- 302 **GREGORY.**—The Works of the Reverend and Learned Mr. John Gregorie, Master of Arts of Christ's Church, Oxon. In Two Parts. The First containing Notes and Observations upon several Passages of Scripture. The Second his Posthuma, being divers Learned Tracts upon Various Subjects. Sm. 4to., old calf, rubbed, joint weak. 1684 6s.
Back margins of title towards bottom and one or two following leaves a little wormed.
- 303 **GROTIUS** (H.) Truth of the Christian Religion. Translated into English, with the Addition of a Seventh Book, by Symon Patrick. *Frontispiece.* Sm. 8vo., sides much chafed. 1694 3s.

*Johannis Jonstoni, Johannis. 1655. Nomenclographia Naturae in
classis decem divisa in quibus Adversanda botici,
Elementorum Mathematicorum, Topologicorum, Galenicorum, Arithmeti-
quadripartitum & Arithmeti, Piscium, Avium.
12mo., vellum. Annot. 1655.*

Jordan, Denham. Son of the Marshes is the nom de plume ^{See, also, Owen} of this writer. →

1888. A manual of the vertebrate animals of the northern United States, including the district north and east of the Ozark Mountains, south of the Laurentian Hills, north of the southern boundary of Virginia, and east of the Missouri River, inclusive of marine species. 5th ed. Enlarged and entirely rewritten. 8vo. pp. iii+375. *glossary. index.* Chicago.

1894. (A) Manual of the vertebrate animals of the northern United States, etc. 7th ed. 8vo. pp. iii+375. *glossary. index.* Chicago.
A reprint of the 5th ed., 1888.

**** and EVERMANN, B. W.

1896-1900. Fishes of North and Middle America. 4 vols. 8vo. Washington.
A standard work by two well-known systematic ichthyologists.

1898-9. The Fur Seals and Fur-Seal Islands of the North Pacific Ocean, etc. 4 vols. 2 pls. 4to. Washington.

This classic treatise includes not only a complete account of seals and seal-hunting but a description of the Birds of Pribylov Island by Wm. Palmer, 77 pages and plates; Mammals by F. W. True, and many other reports.

1898-99. See UNITED STATES. FISHERY REPORTS.

**** and KELLOGG, V. L.

1901. Animal Life: a first book of Zoology. 8vo. pp. ix+329. 1 pl. *text-figs.* London.

1902. Animal life; a first book of zoology. 8vo. pp. ix+329. 180 figs. *T. of c. glossary. index.* New York.

An American edition of this elementary treatise.

1902. Animal forms; a second book of zoology, by David S. Jordan . . . and Harold Heath. 8vo. pp. vii+258. 140 figs. *T. of c. index.* New York.

1903. Animal studies; a text-book of elementary zoology for use in high schools and colleges. 8vo. pp. viii+459. 259 figs. *T. of c. index.* New York.
In this edition the principal author collaborated with Vernon Kellogg and Harold Heath.

**** and EVERMANN, B. W.

1905. Fishes of the Hawaiian Islands. Washington, D.C.
A fundamental treatise excerpted from the *Bull. of the U.S. Fisheries Bureau*.

1905. Guide to the study of fishes. 2 vols. N.Y.
A history of North American pisces in particular, including the fossil species. In the first volume are discussions of the work of Cope, Gill, and other American ichthyologists.

**** and SEALE, A.

1906. The Fishes of Samoa. Washington, D.C.
A well-illustrated and important volume, published in the *Bull. of the Fisheries Bureau, U.S. Govt.*

**** and KELLOGG, V. L.

1907. Evolution and animal life; an elementary discussion of the facts, processes, laws and theories relating to the life and evolution of animals. 8vo. pp. 12+489. 3 col. pl. 298 *text-figs.* New York.

An important and popular contribution to the theory of evolution.

1907. Fishes. N.Y.
One of the many treatises by this famous ichthyologist.

1913. A Catalogue of the Fishes of Japan. 8vo. pp. 497. *figs. in text.* Tokio.
standard work of reference first published in a Japanese Journal.

1917-20. The Genera of Fishes. Four parts. Each a separate index. pp. 576. A contribution to the stability of scientific nomenclature. Pt. I. From Linnaeus to Cuvier, 1758-1833. Pt. II. Agassiz to Bleeker, 1833-58. Pt. III. Guenther to Gill, 1859-80. Pt. IV. 1881-1920.

Stanford University, California.

A most useful and erudite work of reference by the foremost American authority on ichthyology.

1919. Fossil Fishes of Southern California. 8vo. Stanford University Publication.

**** and HUBBS, CARL LEAVITT [1894-].

1925. Japanese Fishes.

One of the latest and best authorities on the subject.

**** and EVERMANN, B. W.

1929. Manual of the vertebrate animals of the northeastern United States. 13th ed. 8vo. pp. 32+446. *illustr. map.* Yonkers-on-Hudson.

****, EVERMANN, BARTON WARREN, and CLARK, HOWARD WALTON.

1930. Checklist of the Fishes and Fish-like Vertebrates of North and Middle America north of the northern boundary of Venezuela and Columbia. 8vo. pp. 1-670. (Rept. of U.S. Comm. of Fisheries for 1928, Part II.) Washington.

JORDAN, DENHAM.

1892. Within an hour of London town among wild birds and their haunts, by a son of the marshes [pseud.]; ed. by J. A. Owen. 8vo. pp. (6)+314. *T. of c.* Edinburgh.

1895. The wild-fowl and sea-fowl of Great Britain. 8vo. pp. (8)+326. 11 pl. *T. of c. index.* London.

JORDAN, HERMANN J. [1877-].

1929. Allgemeine vergleichende Physiologie der Tiere. 8vo. pp. 28+761. *illustr.* Berlin.

An up-to-date treatise on vertebrate physiology; most useful for students.

JORDANS, ADOLF VON.

1914. Die Vogelfauna Mallorcas mit Berücksichtigung Menorcas und der Pleyusen; ein Beitrag zur Zoogeographie des Mediterrangebietes. 8vo. pp. [4]+163. (University thesis.) Bonn.

An inaugural dissertation of considerable merit giving a systematic treatment of those Mediterranean birds frequenting Mallorca and several neighboring islands. A presentation copy from the author, from the Cabanis-Reichenow collection.

JORNAL DE CIENCIAS MATEMATICAS, PHYSICAS, E NATURAES. (Academia das Ciencias de Lisboa.) Lisbon.

1866-88. Series 1.

1889-1910. Series 2.

1917-date. Series 3.

JORNAL DE CIENCIAS NATURAIS. Lisbon.

1921-date.

JOSELYN, JOHN [fl. 1630-75].

1672. New-Englands rarities discovered; in birds, beasts, fishes, serpents, and plants of that country. 8vo. pp. 4+114. 1 pl. *text-figs.* London.

The extremely rare first edition of a famous treatise.

[JOSSELYN, J. (*contd.*)]

1678. New England's rarities discovered; in birds, beasts, fishes, serpents and plants of that country, etc. *12mo. illust. with cuts.* Pub. by G. Widdowes. Sabin 36674. Church 608. London.

This very rare edition of the first book on American (general) Natural History resulted from the author's visit to the American continent in 1638-9 and in 1663-71. The McGill collection also has the first 1672 edition, as well as the 1865 reprint.

1865. New-England's rarities discovered in birds, beasts, fishes, serpents, and plants of that country. With an introduction and notes, by Edward Tuckerman. *8vo. pp. viii + 169. 12 figs.* Boston.

As nearly as possible an exact facsimile of the original edition of this quaint and curious treatise, one of the earliest, on the Natural History of New England. The portion relating to birds occupies pp. 39-47. Apparently only 250 copies were printed.

JOURDAIN, FRANCIS CHARLES ROBERT.

1902-20. See VICTORIA HISTORY OF THE COUNTIES OF ENGLAND.

1906-9. The eggs of European birds. *4 pts.* (all pub.). *8vo.* Pt. I, pp. iv + 80. *13 pl. (col.). addend.* Pt. II, pp. 81-160. *14 pl. (col.).* Pt. III, pp. 161-240. *14 pl. (col.).* Pt. IV, pp. 241-320. *10 pl. (col.).* London.

Originally intended to consist of about 10 parts. Following the scientific and vernacular names of each species come the British and foreign names with a short account of breeding range, nest, number, weight, and measurement of eggs, &c., with excellent illustrations of same. The work was never completed, the author possibly allowing it to lapse in favor of the larger H. E. Dresser's *Eggs of the Birds of Europe*, 1905-10.

1911-13. The British bird book. See KIRKMAN, F. B. B.

1912. A hand-list of British birds, &c. See HARTERT, E. and JOURDAIN, F. C. R.

[1912]. Hybrids between black-game and pheasant. *8vo. pp. 146-9.* London.

1919-20. See MULLENS AND SWANN, KIRKE.

1926. The natural history of the Oxford district. See WALKER, JAMES J.

JOURDAN, ANTOINE JACQUES LOUIS [1788-1848].

1834. Dictionnaire raisonné . . . des Termes usités dans les Sciences naturelles, etc. *2 vols. 8vo.*

London and Paris.

JOURNAL OF ACADEMY OF NATURAL SCIENCES OF PHILADELPHIA. 1817-

1918. See ACADEMY OF NATURAL SCIENCES, PHILADELPHIA.

JOURNAL DE L'ANATOMIE ET DE LA PHYSIOLOGIE NORMALES ET PATHOLOGIQUES DE L'HOMME ET DES ANIMAUX. 1864-1919.

Paris.

JOURNAL OF ANATOMY. (Anatomical Society of Great Britain.) 1866-date.

London.

JOURNAL OF THE BOMBAY NATURAL HISTORY SOCIETY. 1886-date.

See BOMBAY NATURAL HISTORY SOCIETY.

The important English journal on natural history published in the Far East. Most of the accounts of the Indian flora and fauna first appeared in this periodical.

JOURNAL OF THE BOSTON SOCIETY OF NATURAL HISTORY. 1834-63.

See BOSTON SOCIETY OF NATURAL HISTORY.

JOURNAL OF THE BRITISH SOCIETY OF AVICULTURE.

1918-30. Editor: J. N. Wynne Williams. *8vo.* Quarterly; later irregular. Yeovil, England.

This is a useful and practical periodical, publishing numerous short papers of interest, by Wesley Page, F. W. Smalley, L. P. Luke, Mrs. L. C. Prideau, and other well-known writers on birds in general, their protection, their domestication, &c.

JOURNAL OF THE CINCINNATI SOCIETY OF NATURAL HISTORY. 1878-1917.

See CINCINNATI.

JOURNAL OF COMPARATIVE MEDICINE AND VETERINARY ARCHIVES.

New York, Philadelphia.

1880-1903. 1903-date.

JOURNAL OF THE DERBYSHIRE ARCHAEOLOGICAL AND NATURAL HISTORY SOCIETY.

1879-98. Vols. 1-20.

JOURNAL OF THE ELLIOTT SOCIETY OF NATURAL HISTORY OF CHARLESTON AND SOUTH CAROLINA.

1857-60. 1-3 (all pub.). See ELLIOTT SOCIETY, &c.

JOURNAL OF ENTOMOLOGY AND ZOOLOGY. (Pomono College.) 1909-date.

Claremont, Cal.

JOURNAL OF EXPERIMENTAL ZOOLOGY. 1904-30.

Baltimore.

An important periodical devoted to technical research.

JOURNAL D'HISTOIRE NATURELLE.

1787-9-92.

Paris.

JOURNAL INTERNATIONALE D'OISELLERIE. (In Russian.)

The original Russian title of this periodical, mostly devoted to Cage Birds, may be found in the Journal List of the *International Cat. of Scientific Publications*, 1903, p. 171, item 206.

JOURNAL OF THE INTERNATIONAL ORNITHOLOGICAL COMMITTEE. See ORNIS: as well as under the heading CONGRESS.

JOURNAL OF THE MAINE ORNITHOLOGICAL SOCIETY, THE.

1899-1911. *8vo. illust.* Vols. I-XIII. (All pub.)

Editor, J. Merton Swain.

Bangor, Maine.

During the 13 years of its existence this periodical published numerous papers of scientific merit by American ornithologists of repute, and while most of the communications deal with local birds, a number of others discuss more distant avifauna. It may be added that the *Journal* furnishes, without doubt, the best original records of the bird life of Maine. The editor was particularly active in describing avian species, giving a complete history of many widely-distributed birds; in like manner, O. W. Knight, F. T. Noble, A. H. Norton, Wm. Powers, Dana W. Sweet, Leslie Lee, H. H. Brock, A. L. Lane and many others well known in the annals of New England ornithology furnished contributions.

JOURNAL OF MAMMALOGY.

1919-date. Vol. I-. *8vo. illust.* Baltimore, Md.

The organ of the American Society of Mammalogists, founded in 1919; it is the most important special American periodical on the subject of its title.

JOURNAL OF MARINE ZOOLOGY AND MICROSCOPY. 1893-7.

Jersey.

JOURNAL OF MICROSCOPY AND NATURAL SCIENCE. 1880-date.

- Goubert, P. C. n.d. Manuel de l'oiseleur, ou l'art de prendre, d'élever, d'instruire
les oiseaux en cage ou en liberté. Paris.
- Toussaint, L. 1912. La vie dans les océans. ii + 334 pp. 45 figs. in text. Paris.
- Journal of Economic Biology. 1906-15. Vols. 1-10. (All published)
- Journal of Ecology. Oxford, Eng. Complete set & continuation orders.

Journal of Hellenic Studies. Vol. 47. pl. 7.

Journal of the Society for the Preservation of the Fauna of the Empire:
N.S. pts 5-12. 1925-30.

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JOURNAL OF MORPHOLOGY AND PHYSIOLOGY. (Wistar Institute of Anatomy and Biology.) 1887-date.
Boston, Lancaster, Philadelphia.

JOURNAL OF THE MUSEUM OF COMPARATIVE ZOOLOGY.

1919-20. (All pub.) Annual. *illustr.* Edited by Wm. Leon Dawson, Santa Barbara, Cal.

The Museum is a 'chartered public institution devoted to the study of the Birds of the World, their nests and eggs'. In addition to the chief contributor, William Leon Dawson, papers were furnished by J. Hooper Bowles, A. C. Bent, and others.

JOURNAL DES MUSEUM GODEFFREY. 1873-1910. Hamburg.

JOURNAL OF NATURAL PHILOSOPHY, CHEMISTRY, AND THE ARTS.

By William Nicholson.

1797-1802. [First Series.] 5 vols. 4to.

1802-13. New Series. 36 vols. 8vo.

After the 36th volume of the New Series the Journal was incorporated with the *Philosophical Magazine*. A very rare but important journal.

JOURNAL OF NATURAL HISTORY FOR THE COUNTY OF LANCASHIRE, etc.

Darwen.

1909-14. Continued as (The) Lancashire and Cheshire Naturalist.

JOURNAL DES NATURALISTES. Mâcon.

See SOCIÉTÉ D'HISTOIRE NATURELLE DE MÂCON. Bulletin.

JOURNAL FÜR NATURWISSENSCHAFT UND MEDICIN. 1810. Frankfurt-a-M.

JOURNAL FÜR DIE NEUESTE HOLLÄNDISCHE MEDICINISCHE UND NATURHISTORISCHE LITERATUR. 1802-4?
Herborn.

JOURNAL FÜR ORNITHOLOGIE. Ein Centralorgan für die gesammte Ornithologie. 1853-1930. Vols. 1-79. 4to and 8vo. *illustr.* many supplements and indexes. Herausgegeben von J. Cabanis, (later) E. Beldam and A. Reichenow. Casse, Leipzig, and Berlin.

This the premier German periodical on general ornithology is the oldest current magazine on the subject in existence, antedating *Ibis* by six years. With that journal and the *Auk* it probably comprises three-fourths of the original and essential literature on the subject of birds in their various relations. From these three sources have been drawn the great majority of references to and illustrations of new discoveries in avian life. The *Journal* has had on its editorial staff (from its beginning) the best known and most important of the German ornithologists. Among these may be mentioned not only the editors, Cabanis and Reichenow, but Blasius, Ch. L. Brehm, Hartlaub, Reichenbach, H. Schlegel, C. J. Sundevall, Tschusi zu Schmidhofen, Carl Henricke, O. Haase, F. Braun, Homeyer, Otto Finsch, Karl Russ, R. Böhm, Thienemann, Prince Max of Wied, Stejneger, Gundlach, Madarász, Helm, C. Parrot, E. Rey, Graf Zedlitz, O. Neumann, H. Schalow, and many others. The original articles are as a rule admirably written, well edited, and carefully illustrated. The (brief) reviews of current literature are of especial value to the student, and the *Journal* has, fortunately for science, survived the wreck and ruin of a disastrous World War.

JOURNAL DE LA PHYSIOLOGIE DE L'HOMME ET DES ANIMAUX. 1858-63. Paris.

JOURNAL OF PHYSIOLOGY. 1878-date. Cambridge, London.

JOURNAL DE PHYSIQUE, DE CHIMIE, D'HISTOIRE NATURELLE ET DES ARTS. 1773-1823. Paris.

JOURNAL RUSSE DE ZOOLOGIE. (Wanting.)

JOURNAL OF SCIENCE. 1864-85. London.

JOURNAL DES SCIENCES NATURELLES, AGRICOLES, MÉDICALES, PHYSIQUES ET ASTRONOMIQUES. 1850. Geneva.

JOURNAL (THE) OF THE SOUTH AFRICAN ORNITHOLOGISTS' UNION.

1905-16. Published at Pretoria, Transvaal. 8vo. *illustr.* indexes. Edited by a Committee of the Union. Semi-annual. Printed in London. After issue of eleven Volumes and Bulletins ('Popular Bulletins' and 'Bulletin Series'), the Journal was, in 1916, incorporated with the *South African Journal of Natural History*.

The last number gives notice of the (intended) dissolution of the S.A.O.U., its amalgamation with the Transvaal Biological Society, and the suspension of publication of this *Journal*. Later it was merged in the *South African Journal of Natural History*. This periodical, founded chiefly through the activities of W. L. Slater, at that time Director of the South African Museum, Cape Town, and continued by the energetic labors of the editorial committee and especially by A. K. Haagner, Director of the Zoological Gardens, Pretoria, contains many important contributions to African ornithology. The first volume opens with a biography of the better-known African ornithologists by W. L. Slater, followed during the succeeding eleven years by essays that form a most valuable addition to our knowledge of African birds. It is to be regretted that a magazine so ably edited should not have received the support it deserved.

JOURNAL OF TRAVEL AND NATURAL HISTORY. London.

1868-9. (All pub.) Edited by A. Murray.

JOURNAL DES VEREINS DER LIEBHABER VON SING- UND ANDEREN FREILEBENDEN VOGELN. [German translation of the Russian title.]

1902-8. (?All pub.) Organ of the Ornithological Section of the Imperial Russian Society for Acclimatization. Quarterly. 8vo. *illustr.* Editor: D. M. Rossinsky. Moscow.

JOURNAL OF THE WILD BIRD INVESTIGATION SOCIETY.

Irregular. Edited by W. E. Collinge, University of St. Andrews, Scotland. Vol. 1, Nov. 1919, No. 1; Mar. 1920, No. 2; Feb. 1921, No. 3.

Three numbers were issued when the *Journal* suspended publication in 1922. It was devoted chiefly to the preservation and protection of native British birds. Short papers were contributed by the editor, George Abbey, L. T. Thornton, Miss Rintoul, and others.

JOURNAL OF THE WILSON ORNITHOLOGICAL CHAPTER OF THE AGASSIZ ASSOCIATION. See also WILSON BULLETIN.

1893. Published by R. M. Strong. 8vo. Continuation of the *Wilson Quarterly*. Oberlin, Ohio.

Notes from Frank L. Burns (68): vols. 1 and 2. Jan. and June, 1893. 16+8 pp. These issues contain chiefly matters (membership, &c.) relating to the Chapter.

JOURNAL FÜR VOGELZUCHT. See PTIZEWODNOE.

JOURNAL OF ZOOLOGICAL RESEARCH. 1916-18. London.

- JOURNAL DE ZOOLOGIE.** 1872-7. Paris.
- JOURNAL OF ZOÖPHILY.** (Wanting.)
- JUDD, SYLVESTER DWIGHT.**
1898. Cuckoos and shrikes in their relation to agriculture. See BEAL, F. E. L.
- JUDD, WILBUR WEBSTER.**
1907. The birds of Albany County. 8vo. pp. 178. 21 pl. T. of c. index. Albany, N.Y.
One of the first edition limited to 300 copies. An important monograph.
- JUKES, JOSEPH BEETE** [1811-69].
1847. Narrative of the surveying voyage of H.M.S. Fly, commanded by Captain F. P. Blackwood, R.N., in Torres Strait, New Guinea, and other islands of the Eastern Archipelago, during the years 1842-1846: together with an excursion into the interior of the eastern part of Java. 2 vols. 8vo. Vol. I, pp. xii+423. 9 pl. 1 map (fold.). 15 figs. T. of c. Vol. II, pp. v+362. 8 pl. 1 map (fold.). 3 figs. T. of c. 10 append. London.
- JUNGERSEN, H. F. E.** 1899. See DENMARK. INGOLF-EXPEDITION.
- JUNIOR NATURALIST MONTHLY.** (New York State College of Agriculture.) 1899-1907. (All pub.) Cornell University.
- KABINET DER NATUURLIJKE HISTORIEN WETENSCHAPPEN, KONSTEN EN HANDWERKEN.** 1719-27. Amsterdam.
- KAHLE, M.** 1924. See BREHM, A. E.
- KAIDORI.** (Aviculture.) Printed in Japanese. Tokyo.
1930. June. Vol. II, No. 3. illust.
Published by the Japan Cage Bird Club.
- KAISER, ALFRED.**
[1891]. Beiträge zur Ornithologie von Aegypten. 8vo. pp. 92. Wien.
A systematic catalogue of 194 avian species observed in the Nile valley during 1884-7. The German and native synonyms are also furnished. From Prof. Reichenow's library.
- KAISERLICH-KÖNIGLICH NATURHISTORISCHE HOFMUSEUMS.** See NATURHISTORISCHES STAATSMUSEUM.
- KALBERMATTEN, LEO VON.**
1891. Sumpfleben und Jagden von Wien bis Batum in Klein-Asien. 8vo. pp. 6+180. 38 illust. map. Leipzig.
- KALENDER FÜR GEFLÜGELZÜCHTER UND VOGELFREUNDE.**
1891-2. Jahrbuch für Geflügel- und Landwirthe, für Liebhaber, Züchter und Aussteller, hrsg. von Bruno Dürigen. illust. Leipzig.
- KALENDER DER NATUR.**
1858. 1 Jahrgang (all pub.?). 8vo. Stuttgart.
Among the contributors were Blasius, Brehm, and other well-known naturalists.
- KALISCHER, OTTO.**
1905. Das Grosshirn der Papageien in anatomischer und physiologischer Beziehung. 4to. pp. 105. 10 pl. Berlin.
An author's reprint from the Cabanis-Reichenow collection on the brain of the parrot both in its morphological and physiological connections. A valuable contribution to the internal anatomy of birds.
- KALM, MATTHIAS.** 1822-3. See THUNBERG, J. C.
- KAMPEN, P. N. VAN.**
1906. See WICHMANN, C. E. A.
1927. See IHLE, J. E. W.
- KANSAS ACADEMY OF SCIENCE.** (1871 as Kansas Natural History Society.)
1916-19. Bulletin.
1868/72-date. Transactions.
- KANSAS CITY SCIENTIST.** (Kansas City Academy of Sciences.)
Valparaiso. Ind.; Kansas City, Mo.
1885-8. As Hoosier Naturalist.
1890. As Naturalist.
- KANSAS NATURAL HISTORY SOCIETY.**
See KANSAS ACADEMY OF SCIENCE.
- KANSAS UNIVERSITY; NATURAL HISTORY SOCIETY.** See OBSERVER OF NATURE.
- KAO CH'ENG** [11th cent.].
1472. Shih wu chi yüan; An encyclopedia, including the animal kingdom, chüan 10. 29.8 x 18.8 cm. [G.]
- KAPPERS, CORNELIUS UBBO ARIËNS.**
1929. The evolution of the nervous system in invertebrates, vertebrates and man. 8vo. pp. 6+335. illust. Haarlem.
- KARLSRUHE. Naturwissenschaftl. Verein, Karlsruhe.**
1862-date. Verhandlungen. indexes.
- KARR, A.**
1860. La Pêche en eau douce . . . dictionnaire. Paris.
- KATALOG DER VEREINIGTEN BIBLIOTHEK FÜR NATUR- UND ERDKUNDE.**
1904. Halle.
- KAUP, JOHANN JACOB** [1803-73].
1835-7. Das Thierreich in seinen Hauptformen Systematisch beschrieben. 8vo. 3 vols. illust. Darmstadt.
This is one of the numerous and important works of a noteworthy systematist. His first large work on comparative anatomy and the classification of fauna appeared in 1827.
1844. Classification der säugethiere und vögel. 8vo. pp. 10+144. 2 pl. Darmstadt.
[1847]. Monographien der Genera der Falconidae. 5 pts. in 1 vol. 4to. pl. Jena.
1849. Ueber Classification der Vögel. 8vo. pp. 10+34. Darmstadt.
This is the first zoological lecture given by Professor Kaup. It is quite distinct from his *Classification der Säugethiere und Vögel*, although detailing equally his personal views on classifying birds.

1849. see opposite

Kalm, Per. 1753-61. En resa til Norra America, pa kongl. Swenska Weten-skaps Academiens
befalning. 3 pts. figs. Stockholm.

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Lattinger, C. 1929. Sexual- u. Subspecies-Unterschiede im Skelettbau d. Vögel.
8/2) 2/

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847. Original mss. ^{(and drawings & illustrations) an} ~~of the~~ English translation, "monography of the Falconidae. Darmstadt,
- Thayer collection -
Published in London 1849. See Br. Mus. Cat. In E.S.W. Library. Written for the Earl of Ash

→ 1930. In the land of the lion. N.Y.

1931. Island of penguins. N.Y.

→ Keston, John. 1933. Bird life in England.

→ Keller, Otto. n.d. Die Antike Thierwelt. Leipzig.

→ 1900. Birds' Nests, Eggs and Egg-collecting. 8vo. 22 col. plates. London.

→ 1903. Wild nature's ways. 1st ed. 200 illus. Edinburgh.

→ 1904. Adventures of Cock Robin and his mate, over 170 ills. From photos by G and R Keston, cr. 8vo, gilt, fine, 1904.

KAZAN. Imperial University.

1834-date. Uchenyia Zapiski.

KEARTLAND, G. A. 1896. See HORN, W. A., Report on the . . . Scientific Expedition.**KEARTON, CHERRY** [1871-].

[1914]. Wild life across the world, introduction by Theodore Roosevelt. 4to. pp. xxvii+286. 92 pl. T. of c. London.

An interesting account of photographing wild life in India, Africa, and America.

[1923]. Photographing wild life across the world. 4to. pp. 319. 55 pl. T. of c. London.

Contains about two-thirds of the author's *Wild Life across the World*, with new records of his more recent experiences.**KEARTON, RICHARD** [1862-1928].

1883-88? Eggs and egg collecting. See SWAYSLAND, W.

1890. Birds' nests, eggs, and egg-collecting. 8vo. pp. 71. 16 pl. (col.). index. London.

1895. British Birds' Nests, How, Where and When to Find and Identify them; introduction by R. Bowdler Sharpe. 8vo. photos. London.

1898. British birds' nests, how, where, and when to find and identify them. 8vo. pp. xx+368. front. 126 figs. London.

This popular work since its first appearance in 1890 has been reprinted with additions several times.

1898. Wild life at home, how to study and photograph it. 8vo. pp. xv+188. 96 figs. T. of c. index. London.

1898. With nature and a camera. 8vo. pp. xvi+368. front. 180 figs. T. of c. index. London.

1899. Our rarer British breeding birds; their nests, eggs, and summer haunts. 8vo. pp. xvi+149. front. 62 pl. London.

→ 1900. Our Bird Friends. 8vo. 100 photos. London. The first edition of this popular book.

1901. Our bird friends. 8vo. pp. xvi+215. front. 100 figs. T. of c. index. London.

→ 1901. Wild Life at Home. 8vo. London.

1906. Our bird friends. 3rd ed. London.

1922. At home with wild nature. 8vo. pp. xii+163. 62 pl. T. of c. index. London.

1924. See WHITE, Rev. GILBERT.

**** and **BENTHAM, HOWARD.**

[1925]. The pocket book of British birds. 12mo. pp. 10+389. 191 text-figs. London.

This otherwise useful book is wretchedly illustrated.

KEATING, WILLIAM HYNOLITUS.

1825. Narrative of an Expedition to the Source of St. Peter's River, Lake Winnepeek, Lake of the Woods . . . in 1823. 2 vols. with append. 8vo. illust. London.

This important Canadian-American item of interest to zoologists and botanists devotes vol. II Appendix in part to the zoology of the Expedition by T. Say, the famous American naturalist.

KEELER, CHARLES AUGUSTUS [1871-].

1893. Evolution of the colors of North American land birds. 8vo. pp. xii+361. 19 pl. (col., 5 fold.). T. of c. bibliogr. index. San Francisco.

This essay, founded more on theory than on fact, brought about a lengthy correspondence between a reviewer of the work and the author. See the *Auk*, vol. x, 1893, pp. 189-96 and 373-80. Issued as *Occasional Papers of the California Academy of Sciences*, III. The copy in hand is an autographed presentation.

1899. Bird notes afield; a series of essays on the birds of California. 8vo. pp. vii+352. T. of c. append. San Francisco.

The appendix contains a descriptive list of California land birds with key. A second amended edition (q.v.) was issued in 1907. The present copy is an autographed gift from the author to Dr. Casey Wood.

1899. A first glance at the birds; being an introductory part to 'Bird notes afield'. 8vo. pp. 51. San Francisco.

[1907]. Bird notes afield; essays on the birds of the Pacific coast. 8vo. pp. ix+226. front. 15 pl. append. index. San Francisco.

KEITH, ARTHUR [1866-].

1928. Darwinism and what it implies. pp. 8+56. London.

KELAART, EDWARD FREDERICK [1818-60].

1852-3. Prodrromus Faunae Zelanicae, etc. 2 vols. 4to. with append. Colombo, Ceylon.

A classic contribution to the natural history of Ceylon, containing not only the author's description of several new species of Sinhalese fauna but notes by E. Blyth on rare birds and other vertebrates; by J. E. Gray on some of the mammals, &c.

KELLER, FRANZ CARL.

1890. Ornithologia Carinthiae. Die Vögel Kärntens. 8vo. pp. 6+322. T. of c. index. Klagenfurt.

A rather popular account of the birds local to the province of Kärnten. There are no illustrations.

→ **KELLNER, AUGUSTUS IMMANUEL.**

1828. Natuurlijke historie der kanarievogelen. pp. viii+104. Amsterdam.

A rare second edition of a popular work on canary birds.

KELLOGG, VERNON LYMAN [1867-].

1902. Animal life. See JORDAN, D. S.

1903. Animal studies, &c. See JORDAN, D. S.

1907. See JORDAN, D. S.

1911. The animals and man; an elementary textbook of zoology and human physiology. 8vo. pp. x+495. 244 figs. T. of c. 2 append. index. New York.

KELSALL, JOHN EDWARD and MUNN, PHILIP WINCHESTER.

1905. The birds of Hampshire and the Isle of Wight. 8vo. pp. xliiv+371. front. 15 pl. map (col.). T. of c. index. London.

An annotated list of the 294 species named, with notes on their distribution, as well as a list of the species recorded by Gilbert White at Selborne in 1774.

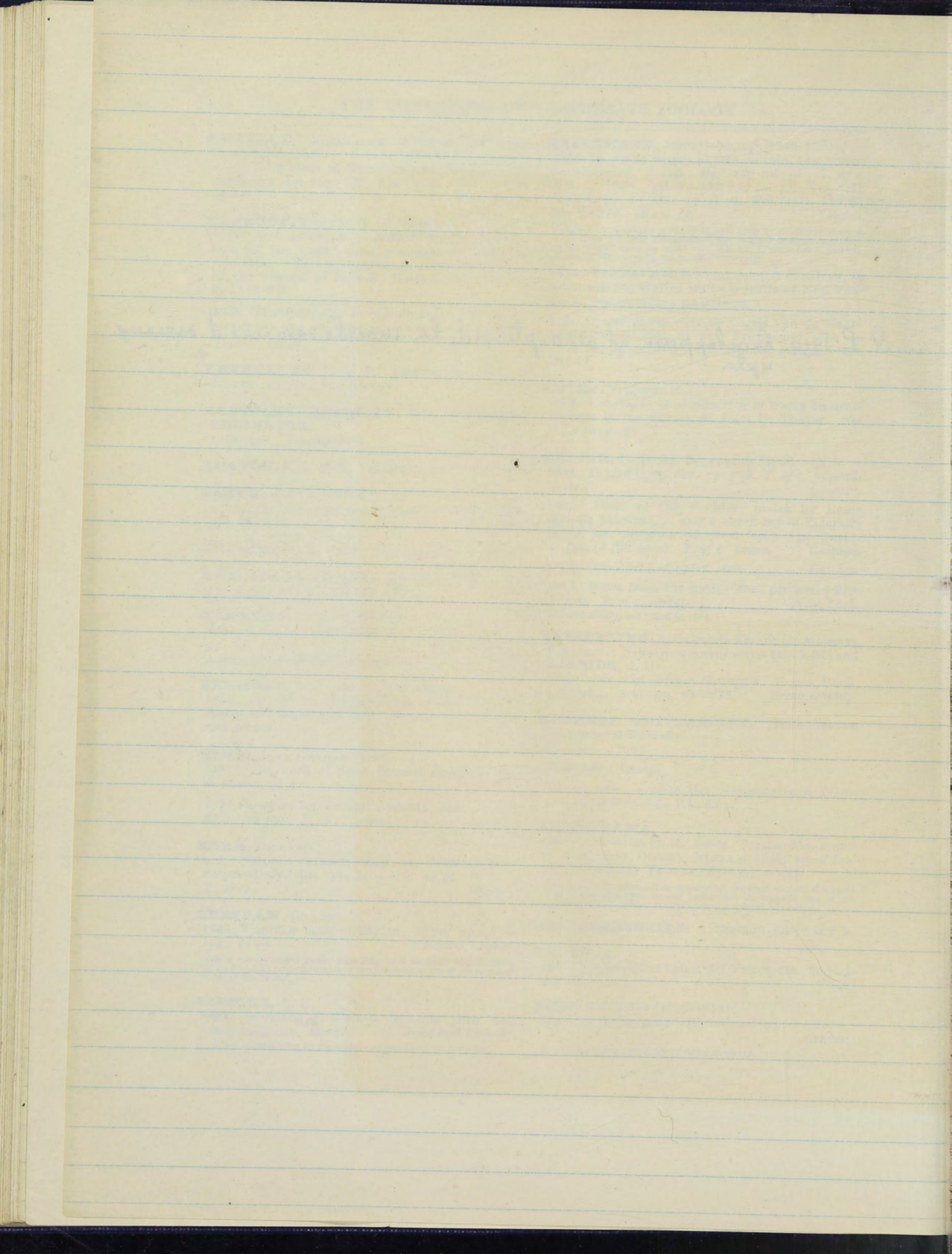
KEMPTON, R. T. 1929. See LITTLE, MALCOLM EDGEWORTH.[**KENDALL, EDWARD AUGUSTUS**] [?1776-1842].

1799. The canary bird; a moral fiction, interspersed with poetry. 32mo. pp. xi+148. 12 figs. T. of c. London.

- KENNEDY, ALEXANDER WILLIAM MAXWELL CLARK** [1851-94].
1868. The birds of Berkshire and Buckinghamshire. 8vo. pp. xiv+232. 4 pl. (col.). 1 fig. T. of c. index. Eton.
- KENNEDY, EDMUND B.** [d. 1848].
1852. Account of [his] expedition for the exploration of the Cape York peninsula in tropical Australia. (See MACGILLIVRAY, JOHN. Narrative of the voyage of H.M.S. Rattlesnake, vol. 2, pp. 117-276.)
1903. Thirty Seasons in Scandinavia. 8vo. illust. Author's pres. copy, with MS. notes and some interesting cuttings and letters from him inserted loose, referring to the natural history of northern Europe.
- KENNERLEY, C. B. R.** 1855-9. See UNITED STATES. PACIFIC RD. SURVEY.
- KENTUCKY ACADEMY OF SCIENCE, LEXINGTON.**
1914-date. Transactions.
- KENYON, F. C.** 1868. See AMERICAN NATURALIST.
- KEOGH, JOHN** [1681?-1754].
1739. Zoologia medicinalis Hibernica, etc. 8vo. pp. 16+167. Dublin.
- KEPNER, W. A.** 1928. See DAHLGREN, ULRIC.
- KERGUELEN ISLAND, ZOOLOGY OF.** See ROYAL SOCIETY OF LONDON, 1879.
- KERMODE, FRANCIS** [1874-].
1904. Catalogue of British Columbia birds. 8vo. pp. 69. index. Victoria, B.C.
A useful catalogue (with a brief description) of 363 species.
- KERMODE, PHILIP M. C. and others.**
1882. Report on the migration of birds in the spring and autumn of 1881. See BROWN, J. A. H. and others.
- KERR, JOHN GRAHAM** [1869-].
1907. The work of John Samuel Budgett. See BUDGETT, J. S.
1921. Zoology for medical students. 8vo. pp. x+485. 199 figs. T. of c. index. London.
- KERR, RICHARD.**
n.d. Nature's curiosity shop; or, Recreations in nature-study. 8vo. pp. xii+177. 46 pl. (20 col.). T. of c. London.
- KERSHAW, CICELY.**
1925. Familiar birds of Ceylon. 12mo. pp. [2]+144. 44 pl. Colombo, Ceylon.
This is a very useful guide, especially as it contains identification tables based on both the size and predominant colors of the common birds of the Island.
- KESSLER, A. E.**
1805. Pruefung Gall'schen Systems Hirn und Schaedel-Lehre. illust. Jena and Leipzig.
A useful contribution to the history of comparative anatomy.
- KEULEMANS, JOHN GERRARD** [1842-1912].
1869-76. Onze Vogels in huis en tuin, beschreven en afgebeeld. 3 vols. 4to. 200 col. pl. T. of c. Vol. I. 1869. pp. 3+131. 70 col. pl. Vol. [II]. [1873]. pp. 3+133. 70 col. pl. Vol. [III]. [1876]. pp. 3+110. 60 col. pl. Leyden.
A collection of colored prints of various birds by a celebrated artist. Keulemans not only lithographed the original outlines but afterwards colored them by hand. The Blacker Library has a portfolio of original drawings by this master illustrator.
1873. Original sketches and colored drawings, to illustrate Sir Walter Buller's Birds of New Zealand. See ORIGINAL DRAWINGS.
- n.d. Opmerkingen over de vogels van de Kaapverdische eilanden en van Prinseiland (ilha do principie) in de Bogt van Guinea gelegen. 4to. pp. 39.
- KEYES, VIRGINIA M.**
1913. Catalogue of a collection of books on ornithology in the library of John E. Thayer. See THAYER, J. E.
- KEYSER, LEANDER SYLVESTER** [1856-].
1894. In bird land. 8vo. pp. 269. T. of c. append. index. Chicago.
1902. Birds of the Rockies; plates by Louis Agassiz Fuertes . . . and a check list of Colorado Birds. 8vo. pp. xiv+355. front. (col.). 7 pl. (3 col.). 39 figs. (8 full page). T. of c. index. Chicago.
1907. Our Bird Comrades. 8vo. Chicago.
1912. News from the birds. 8vo. pp. xxii+229. 21 figs. T. of c. index. New York.
The first edition was issued in 1898.
- KEYSERLING, ALEXANDER FRIEDRICH MICHAEL LEBERECHE NIKOLAUS ARTHUR VON** [1815-91] and **BLASIUS, J. H.**
1840. Die wirbelthiere Europa's. Erstes Buch. (all pub.). 8vo. pp. 98+248. Braunschweig.
- KHARKOV UNIVERSITET. Obshchestvo Ispytatelei Prirody.**
1873-87. Trudy.
1893-date. Trudy.
French title: Société des Naturalistes à l'Université Impériale de Kharkov.
- KHAYL-NĀMA.**
1829. A treatise on the horse. Persian MS. found in Hyderabad, Deccan, dated A.H. 1245. small 8vo. n.p. (Probably Teheran, Persia.) Anon.
This beautifully transcribed manuscript does not contain the name of the original author or the scribe but is evidently one of the standard works on that favored oriental animal, the horse.
- KHOLODKOVSKIĪ, N. A.** See CHOLODKOWSKY, N.
- KHUEN, A.**
1864. Blicke in das Leben der Thiere, etc. 2nd ed. 8vo. Wien.
- KIDD, BENJAMIN** [1858-1916].
1921. A philosopher with nature. pp. 8+211. London.
An interesting and instructive series of essays.

Kennerl, P. 1910. Developpement et resorption de la moelle osseuse d. oiseaux.
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KIDD, WALTER AUBREY [1852-].
1907. The sense of touch in mammals and birds
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WAY, R.

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KAMPFER, Engelbert. *Histoire naturelle, civile et eccle-
siastique de l'empire du Japon.* 2 volumes. 4 leaves, 52, 217 pp.; 2 leaves,
323 (badly numbered: 313) pp., 96 pp. *With frontispiece, and 45 fine plates,*
partly double-page or folding. Folio. Original calf, gilt backs. The Hague,
1729. Fr. 90.—

Brunet, III, 638. Pagès, no. 390. Tiele, p. 133, no. 585 says that the text of this
first French edition is more complete than the one of the Dutch issue of the same year
(the German text did not appear before 1777). The illustrations show views, maps, costumes,
plants, the places of the body which were cauterized by «moxa» for certain diseases, monu-
ments, gardens, temples, etc. The first appendix gives a «Histoire naturelle du Thé»,
articles on paper manufacture, Japanese colic, etc. «The interest and value of this work
are very great. It not only contains a history, but also a description of the political, social
and physical state of the country in the 17th century. For upwards of a hundred years it
remained the chief source of information about Japan.» (Enc. Brit.)

491. **KAMPEN, Nicolas van, and Son.** *Traité des fleurs à oignons:*
contenant tout ce qui est nécessaire pour les bien cultiver. 5 leaves, 117 pp.
Svo. Wrappers. Haarlem, 1760. Fr. 25.—

Not in Pritzel and Jackson. Very scarce. The writers were «fleuristes» at Haarlem.
Contents: *Traité de la Jacinthe. Traité de la Tulipe. Traité de la Renoncule et de l'Ane-
mone, etc.*

492. **KEGELER, Caspar.** *Einn Regiment Darinnen sich vor der*
*Erschrecklichen krankheyt, der pestilentz, preseruiren, Desgleichen Etz-
liche frostliche Medelen, hilff vnnd ertzeneyen.* Black letter. 16 leaves,
last blank. *With two pretty woodcuts (St. Christopher; Trinity).* Svo. Red
morocco (Zaehnsdorf). Leipzig, Schumann, 1521. Fr. 75.—

First edition of a remarkable «Pestregiment». Rare impression; the printer was the
author of a well known collection of German short stories, the «Nachtbüchlein».

493. **KEPLER, Joh.** *Dissertatio cum Nuncio Sidereo nuper ad*
mortales misso a Galileo Galilaeo. 3, 18 leaves. 4to. Vellum. Prague,
1610. Fr. 275.—
First edition of great rarity. Galileo's 'Nuncius Siderens' was published early in 1610,

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8vo. pp. xv+334.
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316. 6 pl. 16 figs.
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Stejneger, D. Elliot, W. B.
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Cones, W. N. Lockington,
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al History. Vol. IV.
col.). 24 pl. (1 col.).
dex. Boston.

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o of the plates in color, one
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New York.

of vertebrates. 8vo.
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Philadelphia.

first blank. *With 49 splendid woodcuts (one with a movable slip), mostly pertaining to mnemonics; 5 large and 88 smaller, fine ornamental initials.* 4to. Old wooden boards, half covered with calf, clasps (original binding). Venice, Ratdolt, 1485.

Hain-Copinger 13546. Proctor 4399. Brit. Mus. Cat. V. p. 289. Dibdin, Bibl. Spenceriana III, 472—86. Redgrave 49. Essling I, 293. Rare second edition, quite different from the first. «To the cuts of the first edition have been added 4 new cuts.» (Brit. Mus. Cat.) Of an especially charming and delicate design are the beautiful initial letters. Pollard calls them «unequalled in their own kind until William Morris». The woodcuts represent: 1. A diagram in the shape of a tree showing the different elements of speaking. 2. A town on sea. 3. A cut of the Ptolemaic system. 4. Figures of a nude man and woman, «said to be one of the first examples of undraped figures in a printed book» (Redgrave). 5. An alphabet (41 curious cuts in circles), the letters of which are formed of animals, utensils etc. 6. A sphere with a movable slip in the shape of a fish, which is usually missing (but present in this copy). 7. A chess-board with the figures set up. (Linde I, Annex. p. 150). 8. A large «tree» of qualities, etc. 9. A cut with 25 animal-figures. Several small wormholes traverse the book, a few very slight stains, otherwise very good copy with wide margins.

679. **QUERCETANUS** (Du Chesne), Josephus. *De prisorum philosophorum verae medicinae materia.* Deque simplicium et rerum signaturis a Hermeticis philosophis comparatis. Selecta consilia medica. 12 leaves, 432 pp. 8vo. Original limp vellum. St.-Gervais (near Geneva), 1603.

Ferguson II, 237. Rosenbaum, Additamenta, p. 68 (Historia pharmacologiae) quotes an edition of 1609. «He was one of the first to give an account of the notion of palingenesis.» (Ferguson.) «The first physician in France to recommend the antimonial remedies described by Paracelsus.» (Power-Thompson.) One of the first books printed at St.-Gervais. Somewhat waterstained, a wormhole through the blank margins of some leaves. Fr. 25.—

680. **RAMAZZINI**, Bernardino. *Opera omnia medica et physiologica.* Acc. vita autoris. 2 books in one vol. 5 leaves, 26, 328 pp.; 3 leaves, 40, 228 pp., 10 leaves. *With 5 large plates.* 4to. Old boards. London, 1739.

The De morbis artificum diatriba of Ramazzini opened up an entirely new department of modern medicine, the diseases and hygiene of occupations. Comprises a treatise «De barometro dissertationes duae Jacobi Placentini». Fr. 25.—

681. **RAPIN**, René. *Hortorum libri IV.* 2 parts. — **MEURSIUS**. *Arboretum sacrum.* — **POLITIANUS**. *Rusticus.* Adhaec *Lipsii* leges hortenses et *Bonamici* carmen de vita rustica. Four parts in one volume. Frontispiece, 12 leaves, 116 pp., 6 leaves; 2 leaves, 82 pp.; 2 leaves, 128 pp., 1 leaf; 26 (badly numbered 32) pp. 8vo. Old calf. Utrecht, 1672.

Collection of books on gardening, domestic life, fruit-culture, forestry, etc. Fr. 15.—

682. **RAY**, John. *Methodus plantarum nova.* 11 leaves, 166 pp., 17 leaves. *With frontispiece and copper-plate (seed vessels).* 8vo. Old calf. London, 1682.

Pritzel 7435. «Ray's method of classifying plants may be considered as the basis of the natural system in botany.» (Univ. Biogr.) «He far outstripped his contemporaries in his enlightened views of arrangement.» (Brit. Enc.) Fr. 25.—

683. **RAY**, John. *Methodus plantarum, emendata et aucta.* Accedit *methodus graminum, etc.* 18 leaves (incl. portrait), 202 pp., 13 leaves. *With fine portrait after Faithorne.* 8vo. Original calf, gilt back. London, 1703.

Pritzel 7435. «In the second edition he followed Rivinus and Tournefort; he was no longer a fructicist but a corollist.» (Brit. Enc.) Fr. 20.—

684. **RAZOUMSKY**, Comte G. de. *Histoire naturelle du Jorat et de ses environs, et celle des trois lacs de Neufchâtel, Morat et Bienné; précédées d'un Essai sur le climat, les animaux etc. de la partie du Pays de Vaud.* 2 vols. 16 leaves, 322 pp.; 2 leaves, 238 pp. *With 6 folding plates of animals and minerals.* 8vo. Early 19th cent. half calf, gilt back. Lausanne, 1789.

Brunet IV, 1129. Agassiz IV, 161, 5. Fr. 20.—

not in list
ordered by

KIDD, WALTER AUBREY [1852-].

1907. The sense of touch in mammals and birds with special reference to the papillary ridges. 8vo. pp. viii+176. 174 figs. T. of c. append. London. A small introduction or anatomical basis for the consideration of the sense of touch. Reviewed by Dr. Casey Wood in the *Journal A.M.A.*, Nov. 1907.

KIDD, WARING.

1849. The letters of Rusticus. See NEWMAN, E.

KIDDER, DANIEL PARISH [1815-91] and **FLETCHER, J. C.**

1857. Brazil and the Brazilians, portrayed in historical and descriptive sketches. 8vo. pp. 630. 19 pl. (2 col., birds). 125 figs. 3 maps (1 fold.). T. of c. 9 append. Philadelphia.

The references to birds and other animals are numerous, including such species as Jacana, Boat-bill, Toucan, Harpy Eagle, Umbrella bird, Variegated Breast Parrot, and Rose-colored Spoonbill, the two last depicted in color.

KIDDER, J. H.

1875. Ornithology of Kerguelen Island. See COUES, ELLIOTT, 1842-99.

KIEF. Travaux de la Société Ornithologique de Kief du nom de K. Th. Kessler, sous la rédaction du président de la société V. M. Artobolevsky. The titles in both Russian and French, the text in Russian only.

1913. Tome I. Livraison 1. royal 8vo. pp. 219. (All pub.?) Kief, Russia.

A note on the cover of the first number says Tome I. Livraison 2, 1914, 'is in the press'. It has not been seen by the Compiler. The initial issue of this valuable contribution to scientific ornithology was established in memory and honor of Professor Kessler, the founder of the Society. It contains a paper by the Russian zoologist, B. Dombrowski, on the birds of Colchis, Adzarien, and neighboring localities and two essays by E. A. Charlemagne. Like other Russian periodicals devoted to science it was swept aside by the World War.

KIEF. Universitet Sv. Vladimira. Obshchestvo Estestvoispytatelei.

1921-2. Sbornik.

1870-date. Zapiski.

French title: Société des Naturalistes de Kiev.

KIEL. See KOMMISSION Z. WISSENSCH. UNTERSUCHUNG D. DEUT. MEERE IN KIEL.

KIELSEN, FREDERIK CHRISTIAN [1774-1850].

1835. Icones amphibiorum. 4to. pp. 4. 42 pl. Hafniae.

A useful atlas of the amphibia.

KILLERMANN, SEB.

1910. Die Vogelkunde des Albertus Magnus. 8vo. pp. viii+100. T. of c. Regensburg.

Appended is a list of the birds described by the author, to whom the editor attributes a wide knowledge of natural history. Although Albertus Magnus drew most of his information from Pliny and Aristotle yet there are many observations and descriptions of species in his works that are wholly original.

KINBERG, JOHAN GUSTAF HJALMAR [1820-91]. [1875]. Svinets tänder. 8vo. pp. 40. Stockholm.

[1876]. Svinets hufvudskål; några iakttagelser. 8vo. pp. 7. Stockholm.

[1879]. Sueda fogelägg. 8vo. pp. 13. Stockholm. Author's reprint of an article on Swedish birds' eggs.

n.d. Utdrag ur arkäologisk zoologi. 8vo. no t.p. pp. 48. [Stockholm.]

KING, CLARENCE [1842-1901]. [1877]. See RIDGWAY, R.

KING, PHILIP PARKER [1793-1856].

1839. Narrative of the surveying voyages of His Majesty's ships Adventure and Beagle, between the years 1826 and 1836. 3 vols. and append. pl. diagr. maps. London.

KING, WILLIAM ROSS [1822-?94].

1866. (The) sportsman and naturalist in Canada, or Notes on the natural history of the game, game birds, and fish of that country. 8vo. pp. xv+334. 6 pl. (col.). 13 figs. T. of c. append. index. London.

Observations on the animal life of Canada, during a three years' residence in the country. Many of the notes refer to birds and other animals, three of the colored plates being ornithological. There may have been two impressions of the work, as the sign '\$' on page 293, line 5, appears to have been omitted from certain copies, but is present in this one. Cf. *Cat. Ayer Ornith. Lib.*, 1926, p. 350.

KING GEORGE AND QUEEN CHARLOTTE, VOYAGES OF THE. See DIXON, GEORGE, 1789; also PORTLOCK, NATHANIEL, 1789.

KINGSLEY, CHARLES [1819-75].

1871. At last; a Christmas in the West Indies. 2 vols. 12mo. Vol. I, pp. xii+316. 6 pl. 16 figs. T. of c. Vol. II, pp. vii+315. 7 pl. 12 figs. T. of c. London.

An interesting account of the author's visit to these islands, with notes on its natural history. Amongst the birds mentioned are black vultures, 'tick' birds, toucans, goatsuckers, the hanging nests of merles, with a descriptive account of the home of the Guacharos birds in the caves round the island of Trinidad. A second edition of this justly popular work was published in 1872, with numerous reprints to 1887, followed by a third edition in 1889 with again reprints to 1905, and still another in 1910.

1910. At last; a Christmas in the West Indies. 12mo. pp. x+334. 40 figs. T. of c. London.

KINGSLEY, JOHN STERLING [1854-1930].

1868. See AMERICAN NATURALIST.

1882. The naturalist's assistant; a hand-book for the collector and student, with a bibliography of fifteen hundred works necessary for the systematic zoölogist. 8vo. pp. (4)+228. 40 figs. bibliogr. index. Boston.

1882-3. See SCIENTIFIC AND LITERARY GOSSIP.

1885. The Standard Natural History. 6 vols. 8vo. Boston.

One of the best semi-popular treatises on the general subject. The Vertebrata are described by well-known writers, the three volumes devoted to these sub-classes and the separate section on Mammalia being introduced by R. B. Wright, who also wrote on the Ungulata, Primates, and other captions; chapters on Batrachia by E. D. Cope; Reptilia by H. C. Bumpus; Aves by L. Stejneger, D. Elliot, W. B. Barrows, and J. S. Kingsley. A portion of the extensive treatment of Mammals was supplied by T. Gill, E. Coues, W. N. Lockington, W. B. Scott, S. Lockwood, and G. Macloskie.

[1888]. The Riverside Natural History. Vol. IV. Birds. pp. (8)+566. front. (col.). 24 pl. (1 col.). 273 figs. T. of c. bibliogr. index. Boston.

This work differs from the *Standard Natural History*, 1885, only in having a different title-page and with two of the plates in color, one being used as a title-page, as well as an added bibliography at the end of the volume, pp. 549-56.

1898. Elements of comparative zoology. 12mo. pp. vii+357. 148 figs. T. of c. append. index. New York.

1912. Comparative anatomy of vertebrates. 8vo. pp. ix+401. 346 figs. T. of c. bibliogr. glossary. index. Philadelphia.

[**KINGSLEY**, J. S. (contd.)]

1926. Guides for vertebrate dissection. The dogfish (*Acanthias*), an elasmobranch. Revised ed. 8vo. pp. 6+36. New York.

→ **KINGSWAY SERIES**. Nature study and the blackboard. See SHOOSMITH, F. H.

KINLOCH, ALEXANDER ANGUS AIRLIE [1838-1919].

1885. Large game shooting in Thibet, the Himalayas, and northern India. 4to. pp. 6+237. 30 pl. map. Calcutta.

This record of useless animal murder is somewhat redeemed by an accurate description of the victims and their habits.

KINNEAR, N. B.

1928. A List of Owls, with description of each. Printed for private distribution. London.

KIPLING, JOHN LOCKWOOD [1837-1911].

1892. Beast and man in India; a popular sketch of Indian animals in their relations with the people. 8vo. pp. xii+359. 95 figs. T. of c. London.

KĪPRIYANOV, VALERIAN ALEKSANDROVĪCH [1818-].

1881-3. Studien über die fossilen Reptilien Russlands. 4 pts. 4to. 66 pl. St. Petersburg.

→ **KIRBY**, WILLIAM [1759-1850].

1835. Animals, their History, Habits and instincts. 2 vols. 8vo. illust. (Bridgewater Treatise.) London.

→ **KIRBY**, WILLIAM FORSELL.

1907. Mammals of the World, etc. 4to. pp. xvi+141. figs. in text. 30 col. pl. (Wanting.) London. A brief but systematic account.

→ **KIRK**, H. B.

1913. The present aspect of problems in heredity. Melbourne.

Author's reprint from vol. XIV of the *Proc. Austr. Assocn. Ad. Sc.*

KIRKHAM, STANTON DAVIS [1868-].

1908. In the open; intimate studies and appreciations of nature. 8vo. pp. vii+223. 7 pl. T. of c. index. San Francisco.

KIRKMAN, FREDERICK BERNULF BEEVER [1869-] and others.

1911-13. The British bird book; an account of all the birds, nests and eggs found in the British Isles. 4 vols. 4to. Vol. 1, pp. xviii+449. 63 pl. (46 col.). 12 figs. map. T. of c. Vol. 2, pp. xii+540. front. (col.). 68 pl. (47 col., 1 eggs). 10 figs. T. of c. Vol. 3, pp. xii+609. front. (col.). 62 pl. (41 col.). 12 figs. T. of c. Vol. 4, pp. xii+692. front. (col.). 86 pl. (61 col., 19 eggs). 16 figs. (5 maps). T. of c. index. London.

This work was issued in 12 parts. The photographs and colored plates are very good.

**** and **HUTCHINSON**, HORACE G.

1924. British sporting birds. 4to. pp. xii+428. 43 pl. (32 col.). 8 figs. T. of c. London.

KIRSCH, O. M. and **NEUMANN**, E. See NEUMANN, E. and KIRSCH, O. M.

KITABU'L-HAYWAN.

ca. 1580. Manuscript in Arabic. See ANONYMOUS.

→ **KITTLITZ**, FRIEDRICH HEINRICH [1799-1874].

1830. Über die Vögel der Inselgruppe von Boninsima. 8vo. no t.-p. pp. 17. 5 col. pl. St. Petersburg.

A critical, descriptive, local list of birds inhabiting the Bonin group of islands, Chile. From the Godman Library.

1830. Über einige Vögel von Chile. 4to. no t.-p. pp. 28. 17 col. pl. From Académie imp. des sciences de St. Petersburg. Mémoires des savans étranger. Bound with two others. St. Petersburg.

One of the important and early systematic descriptions of Chilean birds by a well-known authority. From the Godman Library.

1831. Über einige noch unbeschriebene Vögel von der Insel Luzon, den Carolinen und den Marianen. no t.-p. pp. 10. 16 pl. (14 col.). St. Petersburg.

A systematic description, with colored portraits, of ten species of birds new to science, from Luzon, Caroline, and Mariana Islands. From the Godman Library.

1832-3. Kupfertafeln zur Naturgeschichte der Vögel. 3 Hefte. 8vo. pp. 28. 36 col. pl. Frankfurt am Main.

KITTO, JOHN [1804-54].

1841. Palestine: the physical geography and natural history of the Holy Land. 4to. pp. 6+438. illust. London.

KIYOSHI, SENRIODO TAKIZAWA.

1879. Sketches of Birds and Flowers.

KJAERBØLLING, NIELS [1806-71].

1851-6. Danmarks Fugle. 2 vols. 1 atlas and supplements. 8vo and folio. pp. 24+422. 96 col. pl. Kjøbenhavn.

There ought to be 104 colored plates in this early edition of an important work on the birds of Denmark. The *editio princeps* appeared 1847-52, since when there have been several editions, all more or less differing in number and variety of plates. Most of them are irregularly numbered while some of the atlases are largely made up of previously issued plates.

1854-8. Ornithologia Danica. Danmarks Fugle. 252 Afbildninger af de dragtskiftende gamle Hanner, sampt de fra Hannerne væsentligt afvigende Hunner og unge Fugle. folio. col. pl., the last two headed *Supplementavle*. Kjøbenhavn.

A collection of colored plates, issued supplementary to the author's earlier *Danmarks Fugle*.

[1856]. De i det øvrige Scandinavien: Sverig, Norge, Paa Island og Færøerne forekommende Fuglearter, der ei ere bemærkede i Danmark. 45 colorerede Afbildninger. folio. with '35 suppl. and 53 tab.', all col. Kjøbenhavn.

There is the sub-title at this point and bound in as an integral part of the volume is the following title-page, evidently intended to cover one of the preceding and the following series of illustrations: *Ornithologia danica. Danmarks Fugle*, I. 304 Afbildninger af de gamle Hanner, med særskilt text af N. Kjaerbølling. Kjøbenhavn. Forfatterens Forlag. 1858. Then follow 2 suppl. with 8 col. pl. The text is entirely wanting. The present copy is from the celebrated library founded by Burgomaster J. W. Six (book-plate) whose portrait was painted by Rembrandt.

1872. Skandinaviens fugle, med særligt hensyn til Danmark og de nordlige bilande. folio. Kjøbenhavn.

The above describes the atlas only of the present 1872 edition. It has in all 85 colored plates irregularly placed, e.g. the two supplements and extra plates are not in numerical order. A very important contribution to the literature and depiction of Scandinavian avifauna.

AC

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13 October 1931.

Mr. F.R. Shepherd,
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U.S.A.

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[The following text is extremely faint and largely illegible. It appears to be a list of references or a table of contents, possibly related to the literature of vertebrates mentioned in the header. Some words are difficult to discern but may include terms like 'LITERATURE', 'VERTEBRATE', and various author names.]

Dr. Casey Wood,
General Post Office,
Pasadena,
California.

← Kingston, W. H. G. 1874. The western world. 800.

e/

← Kirby, F. O., ¹⁸⁹⁶ The Haunts of Wild Game. 800. Port., illus., map. London.

Beautiful birds in far off lands.

← Kirby, W. F. 1883. Evolution and natural history. cr. 800.

← Kircher A. 1667. China Monumentis etc. Nat. hist. illus. Amsterdam. ^{rare} Gl. Lib.

← Kitchen, E. A. 1934. Distributional check-list of the birds of the State of Washington. North West Fauna Series. No. 1.

→ Klein schmidt-Weigold-Hartert, 1922. Stötzersche Expeditionen. 4to.

Klein, J. T. 1766. H.S. Gladstone [personal comm.] believes this to be the earliest work with col. ill. of birds' eggs.

H→ Bot. a second copy of 1759, Stemmata etc. from McW. cheap. ^{did not order Bot} ^{but the} ^{not in yrs. Cat} ^{to McW.}

1875-9. Skandinaviens Fugle . . . med Danmark og de Nordlige Bilande. 2 vols. 8vo. Text vol. in 2nd ed. Atlas, folio, of 106 hand-col. pl.

Kjøbenhavn.

A rare issue, not described in the *Ayer-Zimmer Catalogue*.

1879. To nye Tavler til Dr. Kjaerbølling's Skandinaviens Fugle.

Kjøbenhavn.

This small supplement has only two plates.

KJELLER, A. 1822-3. See THUNBERG, C. P.

KJELLMAN, ADOLF FREDRIK.

1875. Iakttagelser vid studiet af foglarnes digestionsorganer. 8vo. (Upsala University thesis.)

KLAGENFURT NATURHISTORISCHES LANDES-MUSEUM. RUDOLFINIUM.

1852-date. Jahrbuch.

1864-1930. Jahresbericht.

See also CARINTHIA.

KLEIN, JACOB THEODOR [1685-1759].

1731. Descriptiones Tubulorum marinarum. 4to. pp. 14+30. 10 pl. Gedani.

1740-9. J. T. Klein Historiae Piscium naturalis promovendae, etc. 5 pts. (3 vols.). 4to. illust. Gedani.

A valuable contribution to the early history of ichthyology.

1743. Summa dubiorum circa classes quadrupedum et amphibiorum in . . . Caroli Linnaei Systemate naturae. 4to. pp. 4+50. pl. Lipsiae.

1750. Historiae avium prodromus cum praefatione de ordine animalium in genere. 8vo. pp. 16+238. 7 pl. (4 fold.). index. Lubeck.

This (first edition) is one of the important and fundamental treatises on ornithology—a work of reference for research scholars. It has been translated into German and utilized in large part by many writers. The copy in hand is from Prof. Reichenow's library and bears his autograph.

1754. Doutes ou Observations sur le revue des Animaux. 28 pl. Paris.

1754. Ordre naturel des oursins de mer et fossiles, avec des observations sur les piquans des oursins de mer, et quelques remarques sur les Bélemnites. 12mo. pp. [2]+234. pl. Paris.

A French translation from the original Latin treatise on the *Echinus*, giving, also, the latter text.

1759. Stemmata avium quadraginta tabulis ornata; accedunt nomenclatores. 4to. pp. [16]+48. 40 fold. pl. Lipsiae.

A classified study of the heads, tongues, and feet of birds. The preface is written in parallel columns of Latin and German, the remainder of the text in the latter language only. In the present copy pencilled, explanatory notes accompany each folding plate. This treatise takes rank among the fundamentals of avian literature.

1760. Vorbereitung zu ein. vollständ. Vögelhistorie. 8 pl. Leipzig and Lubeck.

This introduction to a history of bird life in general is a translation by D. H. Behn from the original Latin edition.

1760. Verbesserte und vollständigere Historie der Vögel; hrsg. [with a pref.] von Gottfried Reyger. 4to. pp. [24]+234+[26] Danzig.

An amended translation into German of Klein's *Prodromus*, 1750. The first edition appeared about the same time under the title *Vorbereitung zu einer vollständigen Vögelhistorie*. The copy in hand, from the Reichenow collection, has no plates.

1766. Ova avium plurimarum ad naturalem magnitudinem delineata et genuinis coloribus picta. 4to. pp. 36. 21 col. pl. Leipzig.

A catalogue in both German and Latin of 145 birds' eggs from various parts of the earth. A previous owner of the copy in hand has supplied the English names for the eggs depicted on the rather poor colored plates.

KLEINSCHMIDT, OTTO.

1913. Die Singvögel der Heimat. 8vo. pp. 10+107. 86 col. pl. Leipzig.

A popular description of German song-birds illustrated with unusually good colored prints.

KLESSNER, W.

1921-3. Das grossgefögel. 2 vols. Berlin.

KLETKE, H.

1854-6. Alex. von Humboldts Reisen in America und Asien. 4 vols. in 2. Berlin.

KLOPPER, F.

1870. Vortrag (in Knittelversen) über Ornithologie. 2nd ed. 8vo. pp. 24. Witten.

Inserted in this volume of verse (on bird life) is a letter from the author further explaining his views about the poetry of ornithology.

KLOSS, C. BODEN.

1903. In the Andamans and Nicobars; the narrative of a cruise in the schooner 'Terrapin', with notices of the islands, their fauna, etc. 8vo. pp. 16+373. 65 pl. 3 maps. 29 figs. London.

A cruise for the purpose of obtaining natural history objects. Special attention was paid to the trapping of small mammals. Sixteen new species were obtained, thus raising the known mammalian fauna of the islands from 24 to 40 species, while the collections also included 10 hitherto undescribed species of birds.

1930. See SMITH, MALCOLM.

KLOSS, FRIEDRICH.

1896. Die Prachtfinken. 8vo. pp. 4+172. 20 text-figs. index. Leipzig.

A semi-popular and well-written monograph on the natural history, care, and culture of (especially) domesticated Finches. The present copy is from the Cabanis-Reichenow collection.

1897. Die Amazonenpapageien. 8vo. pp. 4+46. 8 text-figs. index. Leipzig.

A well-written, semi-popular monograph on Amazon Parrots, their care and culture. From the Cabanis-Reichenow collection.

1901. Der Graupapagei. 8vo. pp. 63. illust. (In Cabanis, J. L., *Opuscula Ornithologica*, vol. 6.)

Leipzig.

Second edition of a systematic but popular work on several varieties of the African Gray Parrot, with advice as to their care and culture.

KNAPP, JOHN LEONARD [1767-1845].

1829. The journal of a naturalist. 2nd ed. 8vo. pp. xvi+423. vignette. 7 pl. (1 col.). 5 figs. T. of c. index. London.

Written on the lines of Gilbert White's *Natural History of Selborne*, the district dealt with lying between Bristol and Gloucester. The first edition was also published in 1829—both anonymously—but with a different title-page. A third edition was issued in 1830, and a fourth in 1838.

1830. The journal of a naturalist. 3rd ed. 8vo. pp. xvi+440. 7 pl. (1 col.). 7 figs. T. of c. index. London.

1838. The journal of a naturalist. 4th ed. 8vo. pp. xvi+440. 7 pl. (1 col.). 7 figs. T. of c. index. London.

Differing in no way from the third edition of 1830. This fourth edition is not mentioned in Mullens' bibliography of British ornithology. An American edition was also published at Buffalo in 1853 under the title *Country rambles in England; or Journal of a Naturalist*, by Miss S. Fenimore Cooper.

- KNATCHBULL-HUGESSEN**, W. W. See BRABOURNE and CHUBB, C. (1915)-17; and GRÖNVOLD, H.
- KNAUER**, FRIEDRICH KARL [1850-].
1914. Vogelschutz und Federnindustrie; eine Streitfrage der Zeit. 8vo. pp. 159. 59 figs. *T. of c. index.* Wien.
Discussion, statistics, and methods of regulating the feather-industry or traffic in birds of plumage.
- KNIGHT**, CHARLES [1791-1873].
1831. Architecture of birds. 12mo. pp. 12 + 392. *illustr.* London.
n.d. Pictorial museum of animated nature. 2 vols. in 1. folio. *illustr.* London.
- KNIGHT**, CHARLES ROBERT [1874-] and **HARDCASTLE**, ELLA.
[c. 1909]. Birds of the world for young people. 8vo. pp. xliii + 260. 43 pl. (4 col.). 11 figs. *T. of c. index.* New York.
- KNIGHT**, CHARLES WILLIAM ROBERT.
1921. Wild life in the tree tops. 4to. pp. 12 + 144. 32 pl. *T. of c. index.* London.
A second impression of the work was made in 1922.
1925. Aristocrats of the air . . . and a preface by Viscount Grey of Fallodon. 4to. pp. xii + 165. *col. front. pl.* London.
Very interesting personal observations and photography of the Buzzard, Hobby, and other birds of prey.
- n.d. The book of the golden eagle. 4to. pp. xii + 296. *front. (col.). 31 pl. 9 figs. T. of c.* London.
A full account of the home-life of the bird in Scotland, illustrated with fine photographs of the young and parent birds at the nest. A chapter is devoted also to the taming of an eagle by the author for hawking purposes.
- KNIGHT**, FRANCIS ARNOLD.
[1891]. The rambles of a dominie. 4to. pp. x + 193. *front. 2 pl. 13 figs. T. of c.* London.
The present copy is one of a large paper edition with proof illustrations, limited to 100 copies signed by the author.
- KNIGHT**, ORA WILLIS.
→ 1908. The birds of Maine; with key to and description of the various species known to occur or to have occurred in the state. 8vo. pp. xvii + 693. *map. 26 pl. (2 diagr.). bibliogr. index.* Bangor, Me.
One of the best books of its kind, giving more real information than one finds in works of a similar nature.
- KNIGHT**, THOMAS F.
1866. Descriptive catalogue of the fishes of Nova Scotia. Pub. by direction of the Provincial government, Halifax.
1867. Shore and deep sea fisheries of Nova Scotia. Pub. by direction of the Provincial government, Halifax.
- KNIP**, Mme PAULINE (born COURCELLES).
[1838-43?]. Les pigeons par Madame Knip, le text par C. J. Temminck. 2nd ed. 2 vols. *folio.* Vol. I, pp. 128 + 30. 87 pl. (col.). *T. of c.* Vol. II, pp. (6) + 114. 60 pl. (col.). *T. of c.* Paris.
The first edition of vol. I was published in [1808]-11. Volume I of the above copy is of the second edition with alterations, and issued contemporaneously with vol. II. This second volume (which was under-printed) is said to be probably the rarest item in the whole range of ornithological literature; it contains 60 plates. C. J. Temminck wrote the text of vol. I; that of vol. II—which is new—being by Prévost. An illustrated supplement by Chas. Lucien Bonaparte appeared in 1857 under the title *Iconographie des Pigeons.*
- KNIFE**, HENRY R.
1912. Evolution in the Past. 8vo. pp. xiii + 242. 56 pl. *text illustr.* London.
Much of this valuable work is devoted to the various vertebrate classes.
- NOBEL**, E. MAUD.
1926. Amazon parrots, a short descriptive list with directions for their care in captivity. 8vo. pp. 16. *front. (col.).* [Hertford.]
This author has also written extensively on a research she has been following for many years, viz. methods to determine the sex of parrots—many of whose species present external appearances alike in the male and female.
- KNORTZ**, KARL [1841-?1914].
[1913]. Die Vögel in Geschichte, Sage, Brauch und Literatur. 8vo. pp. (4) + 296. 18 figs. *T. of c.* München.
- KNOTTNERUS-MEYER**, TH.
1927. Birds and beasts of the Roman Zoo. Tr. from German by Bernard Miall. 8vo. pp. 6 + 378. *pl.* London.
- KNOWLEDGE**. 1881-1917. London.
- KNOWLEDGE AND SCIENTIFIC NEWS**. See KNOWLEDGE. London.
- KNOWLTON**, FRANK HALL [1860-1926] and **RIDGWAY**, ROBERT.
1909. Birds of the world; a popular account, with a chapter on the anatomy of birds, by Frederic A. Lucas; the whole ed. by Robert Ridgway. 4to. pp. 13 + 873. 16 col. *pl. text-figs.* New York.
A comprehensive and excellent work of reference for the student. It is well illustrated and has up-to-date chapters on avian anatomy, classification, and distribution.
- KNOX**, ARTHUR EDWARD [1808-86].
1849. Ornithological rambles in Sussex. 8vo. pp. vi + 250. 3 pl. London.
Other editions were issued; the second in 1850 and the third in 1855, the last being the best.
1850. Ornithological rambles in Sussex. 2nd ed. 8vo. pp. x + 254. 3 pl. *T. of c.* London.
1850. Game birds and wild fowl; their friends and their foes. 8vo. pp. x + 264. 4 pl. London.
1855. Ornithological rambles in Sussex. 3rd ed. 8vo. pp. xii + 260. *front. 3 pl. T. of c.* London.
1872. Autumns on the Spey. 8vo. pp. 8 + (171). 4 pl. (col.). 3 figs. *T. of c.* London.
- KOBELT**, WILHELM [1840-?1911].
→ 1885. Reiseerinnerungen aus Algerien und Tunis. 8vo. pp. 8 + 480. 13 pl. 11 *text-figs.* Frankfurt a/M.
- KOCH**, GOTTLIEB VON [1849-?1921].
1871. Synopsis der vögel Deutschlands. 12mo. pp. vii + 137. 206 figs. 8 pl. Heidelberg.
A concise and briefly descriptive catalogue of the German avifauna. The figures are mostly illustrations of anatomical peculiarities in species. The little book is scarce, the copy in hand being a present from the author.
- KOCH**, OSCAR.
1911. Übersicht über die Vögel Estlands. (Verein für Naturkunde Estlands.) 8vo. pp. 4 + 89. Reval.
A short descriptive and systematic account of 255 species of North German birds.

Knopfli, W. 1918. Beitr. z. Morphologie u. Entwicklungsgesch. de
Brustschulterskelettes bei d. Vögeln. 7 pls., 87 figs.
Cuatrecasas-Meyer, 1907. Ueber d. Tränenbein d. Huftiere. 34 figs.

Knorr. Georg Wolfgang ^{1766-67.} *Deliciae physiquae choisies ou choix de tout
ce que les trois règnes de la nature contiennent.
Deliciae naturae selectae oder ausserlesene Naturlicher
Cabinet. 2 Vols. 2 leaves, 8. 132 pp. 6 leaves, 20,
104 pp. Royal folio. Old calf. Backgold. Nuremberg.
~~1766/67~~*

897. a list of the Birds of Maine. Showing their distribution by Counties
and their status in each County. 8vo, maps, pp. 184. Augusta.

Published by ^{and Ishizawa, T.}
Hobayashi, Keisuke, 1933. The Eggs of Japanese Birds. 13 pls. pub. in 20
Kobe.

1902. Verbreitung der Tierwelt. 12 col. pls. Leipzig.

Koch, 1863. Die Myriapoden. 119 col. pls. Halle.

→ Koehler, 1914. Echinoidea of the Indian Museum. 20 pl. Calcutta.

→ Kolbe, Pierre ^{1741.} Description du Cap de Bonne-Espérance.

Où l'on trouve tout ce qui concerne l'histoire naturelle
du pays; les mœurs etc. des Hollandois; et établissement
des Hollandois. 3 vols. 11 leaves. 370 pp. 1 leaf; 7 leaves,
228 pp. 10 leaves, 280 pp. Amsterdam. ~~1744~~

→ Koizumi, K + Tsuchioka, S. 1934. Paintings of One hundred Birds and
Flowers in Japan. Sketched from several pose of life.
200 full colored plates, in 4 volumes. Tokyo.

→ Kölliker, Albul. 1880. Grundriss der Entwicklungsgeschichte
des Menschen und der Höheren Thiere.

KOCHTS, ALEXANDER ERICH. See LORENZ, THEODOR, 1910.

KÓCSAG.

1928-30. Vols. I-IV. A quarterly periodical for the study and protection of birds. Official organ of the Association of the Hungarian ornithologists, and the Society for the bird-protection in East Hungary. Budapest.

→ **KOEHLER**, FR. EUGEN.

[1896]. Schädliche Vogelarten. 8vo. pp. (4)+44. 24 pl. (col.). index. Gera-Untermhaus.

The purpose of the book is not to advocate the extermination of the birds classed as 'injurious' but to intensify, by way of contrast, the protection of the others, and to convey useful information regarding the habits of birds.

1898. Nützliche Vogelarten und ihre Eier. 8vo. col. pl. Gera.

n.d. Nützliche Vogelarten und ihre Eier. 8vo. pp. (2)+61. 25 pl. (col.). index. Halle a/s. Another edition of what is known as 'Koehler's Useful Birds' [and their eggs], published with Government approval, and colored plates.

KOEHLER, JEAN BAPTISTE FRANÇOIS RENÉ [1860-].

1885. Contribution à l'étude de la faune littorale des îles anglo-normandes (Jersey, Guernsey, Herm et Sark). 8vo. pp. 62. pl.

KOELSCH, ADOLF [1879-].

1919. Die Verwandlungen des Lebens. 8vo. pp. 94. illust. Zürich.

KOENIG, ALEXANDER FERDINAND [1858-].

[1895-6]. Reisen und Forschungen in Algerien. 2 vols. 8vo. 16 col. pl. 24 photopl. Vol. I. 1895. pp. 168. Vol. II. 1896. Zweiter Thiel. pp. 426. Bernberg.

This author also writes as O. Le Roi. A systematic catalogue, with descriptive matter, of over 400 species found in Tunis and Algiers. The second part of the monograph has an appended list of all the faunal species. The present copy is from Prof. Reichenow's library.

1911. Avifauna spitzbergensis. Forschungsreisen nach der Bären-Insel und dem Spitzbergen-Archipel, faunistischen und floristischen ergebnissen. 4to. pp. 10+294. 60 pl. (34 col.). 74 text-figs. map. Bonn.

A report on three ornithological expeditions to Spitzbergen and on the birds of that archipelago. The copy in hand is one of an edition *de luxe* with a sumptuous leather cover heavily embossed with a reproduction in gold of the frontispiece.

KÖNIGSBERGER ARCHIV FÜR NATURWISSENSCHAFTEN UND MATHEMATIK. 1811-12. Königsberg.

KÖNIGSBERGER NATURWISSENSCHAFTLICHE UNTERHALTUNGEN. 1844-52. Königsberg.

KOENIG-WARTHAUSEN, RICHARD.

1889. Die Kreuzschnäbel und ihre Fortpflanzung. 8vo. pp. 52. (Jahresheft. des Vereins f. v. Naturk. in Württemberg, 1889.) Stuttgart.

Author's excerpt, on the *Curvirostrae* in general and European species in particular; the subject scientifically treated. The present volume was a presentation copy to Prof. Blasius.

KOEPERT, OTTO [1860-].

1892. Der Star (*Sturnus vulgaris* L.) in volk-wirtschaftlicher und biologischer Beziehung. 8vo. pp. 115. Altenburg, S.-A.

A contribution to the study of the common starling, and especially of its economic status.

1893. Bilder aus dem Tier- und Pflanzenreiche. See BRESLICH, W. and KOEPERT, O.

KOEPPE, THEODOR.

[1885]. Anleitung zur Züchtung und Ansiedelung von Nachtigallen. 12mo. pp. 6+112. T. of c. Berlin.

KOHAUT, REZSÖ.

1894. Magyarországi madarak meghatározó könyve. 12mo. pp. 8+210. index. Budapest.

A description (in Magyar) of Hungarian birds, giving generic headings, to include such species as occur locally. From the Reichenow Library.

KOHLER, M.

1895. Unsere Vögel. See LEHMANN, O.

→ **KOLDEWEY**, KARL [1837-? 1909].

1873-4. Die Zweite deutsche Nordpolarfahrt in 1869 und 1870. 2 vols. Leipzig.

1874. The [Second] German arctic expedition of 1869-70. 8vo. pp. 8+590. 35 pl. (4 col.). 40 figs. 2 maps. London.

An interesting description of this expedition, edited by H. W. Bates, translated by L. Mercier. (1) Joint passage of the two ships, and voyage and wreck of the *Hansa*; (2) Voyage of the *Germania*. There are some 24 references to birds scattered throughout the volume.

KOLLAR, VINCENZ [1797-1860] and others.

1848-57. Bildliche Naturgeschichte aller drei Reiche, etc. 4 pls. (in 3 vols.). 8vo. col. illust. (Wanting.) Pest und Wien.

Volumes I and II of this well-illustrated treatise are devoted to zoology. The mammals and birds are described by Kollar and J. Heckel, pp. 364, 57 col. pl., 1848-53; the amphibia and fishes by Kollar, L. Fitzinger, and J. Heckel.

KOLLIBAY, PAUL.

1906. (Die) Vögel der Preussischen Provinz Schlesien. 8vo. pp. 370. illust. Breslau.

A comprehensive study of 317 avian species (migrants starred) observed in Prussian Silesia. A bibliography covering A.D. 1800-1905 fills 13 pages. Altogether an up-to-date contribution to ornithology.

→ **KOLLMAN**, MAX. See BABAULT, GUY, 1916-23.

KOLTHOFF, GUSTAF ISAK [1845-].

1898-1920. Nordens fåglar af G. Kolthoff och L. A. Jägerskiöld; ny utvidgad och omarbetad upplaga af C. J. Sundevalls 'Svenska foglarna'. folio. pp. 16+343. 69 col. pl. See also JÄGERSKIÖLD, L. A. Stockholm.

1903. Bidrag til kändedom om norra Polartrakternas däggdjur och fåglar. folio. pp. 104. illust. Stockholm.

1911-26. Nordens fåglar af L. A. Jägerskiöld och Gustaf Kolthoff, under medverkan av Rud. Söderberg, med tavlor av Olof Gylling. 2 vols. illust. with pl. and text-figs. Stockholm.

A complete systematic and well-illustrated account of Scandinavian aves; really an amended, enlarged, and much improved printing of the 1898 edition.

1920. See GYLLING, OLOF.

KOMMISSION ZUR WISSENSCHAFTLICHEN UNTERSUCHUNG DER DEUTSCHEN MEERE IN KIEL. 1871-91. Berlin. 1894-date. New Series.

KONINGSBERGER, JACOB CHRISTIAAN [1867-].

1901-09. De Vogels van Java en hunne Oeconom-beteeknis. 112 pl. Batavia.

- [KONINGSBERGER, J. C. (contd.)]**
 1911. Java, zoologisch en biologisch. *Svo.* pp. 492. Nos. 1-20. *Buitenzorg.*
 This edition is not complete, ending abruptly at p. 492.
 1915. Java, zoologisch en biologisch. *Svo.* pp. [6] + 663. *Buitenzorg.*
 This is the 1915 edition of the preceding work, bringing it to completion with the addition of an excellent index where all the references in the text to the birds of Java will be found. There are no illustrations, but the different assemblages of animals in the various ecological horizons are described graphically.
- KONINK. ZOOL. GENOOTSCHAP 'NATURA ARTIS MAGISTRA'.** *Amsterdam.*
 1848-date. See BIJDRAGEN TOT DE DIERKUNDE.
- KONO BAIREI.**
 1881. One Hundred Birds (Hyaku-cho Gwafu), Colored Japanese Sketches in three volumes, placed in European order.
 1884. Two supplementary volumes (Nos. 2 and 3), arranged in (European) order.
- KOREA, SEOUL, BRANCH OF ROYAL ASIATIC SOCIETY OF GREAT BRITAIN AND IRELAND.** See ROYAL ASIATIC SOCIETY . . . KOREA, SEOUL, BRANCH.
- KOREN, JOHAN** [1809-85].
 1846-77. Fauna littoralis Norvegiae. 3 vols. folio. *Christiana.*
 Observations, extending over 30 years, of the coastal fauna of Norway. See also SARS, M.
- **** and **DANIELSSEN, D. C.**
 1883. Nye Alcyonider . . . tilhørende Norges Fauna. 4to. pp. xvi + 38. 13 col. pl. *Bergen.*
- KÖRNER, M.**
 1839-46. Skandinaviska foglar. Tecknade efter naturen. 4to. pp. 22 + 2. 62 col. pl. *Lund.*
 This scarce and important treatise on the avifauna of Scandinavia was published by the author himself, illustrated by numerous hand-colored plates.
 1859. Skandinaviska Foglar; tecknade efter Naturen, lithograferade, tryckte och utgifne af M. Körner. 1sta. Häftet. 4to. 60 pl. (col.), 298 figs. *Lund.*
 Sixty colored plates representing 262 species of Scandinavian birds in summer and winter plumage. The complete work calls for 62 plates but pls. nos. 51 and 59 are missing in the present copy. The first edition was published in 1839-46.
- KOSMOS. Zeit. für angewandte Naturwiss.** *Leipzig, Vienna.*
 1857-60. Vols. 1-4 (all pub.).
- KOSMOS. Zeitschrift für einheitliche Weltanschauung auf Grund der Entwicklungslehre.** 1877-86. *Leipzig and Stuttgart.*
 Three series of this important journal, in all 19 vols., eventually merged with HUMBOLDT (q.v.).
- KOSMOS, handweiser für naturfreunde; hrsg. vom Kosmos, gesellschaft der naturfreunde.** 1904-30. Bd. 1-28. *Stuttgart.*
- KOSMOS-JAHRBÜCHER; Jahrbuch der Vogelkunde.** 1907-11. *Stuttgart.*
- KOTTENKAMP, FRANZ.**
 1847. See RENNIE, JAMES.
 1874. Vorschule der Thierkunde. *Svo.* *Stuttgart.*
- KOVALEVSKIĪ, VLADĪMIR O.** [1842-83].
 1873. Versuch einer natürlichen Classification der Fossilen Hufthiere. (In German and Russian.)
 A systematic treatise of considerable value.
- KRAKOW. Bulletin international; Academijska umiejtności, Krakow.**
 1889-1900. Comptes Rendus des Séances, and the continuation, Serie B, 1901-date.
- KRANZ, CAJETAN ANTON** [1839?-86]. 1870. See WEBER, J. C.
- KRARUP-HANSEN, CHRISTIAN JOHAN LODBERG** [1817-95].
 1869. Essai d'une théorie du vol des oiseaux, des chauves-souris et des insectes; traité populaire accompagné de xylographies. *Svo.* pp. 44. *illustr. Copenhagen.*
 An important contribution to aerial flight.
- KRAUSE, GEORG A. J.** [1858-].
 1901. Die Columella der Vögel (Columella auris avium) ihr Bau und dessen Einfluss auf die Feinhörigkeit. 4to. pp. 8 + 26. 4 pl. *text-figs.* *Berlin.*
 1905-13. Oologia universalis palaeartica. 3 vols. 4to. Vol. I, 58 ff. (text, etc.). 56 pl. (col.). *index.* Vol. II, 57 ff. (text, etc.). 50 pl. (col.). Vol. III, 63 ff. (text, etc.). 51 pl. (col.). *Stuttgart.*
 A beautiful series of colored plates of the eggs of Palaeartic birds, each plate representing from three to five or more clutches of eggs showing the range in variation. The text is in German and English. The work, interrupted in 1913, has never been resumed. It was issued in 78 parts, each with two plates, except the first, which had four. There should be 158 plates but there are only 157. The covers of the 78 parts are bound in at the end of the volumes under notice.
- KREFFT, JOHANN LUDWIG GERHARD** [1830-81].
 1865. Two Papers on the Vertebrata of the Lower Murray and Darling; and on the Snakes of Sydney. *Svo.* pp. 60. *Sydney.*
 1868. Notes on the fauna of Tasmania. *Svo.* pp. 14. 2 figs. *Sydney.*
 Printed for private circulation only. 162 species of birds are described, about 20 of which are peculiar to the island.
 1869. The Snakes of Australia; an illustrated and descriptive catalogue of all the known species. 4to. pp. xxv + 100. *illustr. 12 col. pl.* *Sydney.*
 This important work was preceded by another, dated 1865, in which the author confines his descriptions to the ophidia of Sydney and neighborhood.
 1871. The mammals of Australia, illustrated by Harriet Smith and Helena Forde, with a short account of all the species hitherto described. folio. 16 pl. with letterpress. *Sydney.*
- KRIDER, JOHN.**
 1879. Forty years notes of a field ornithologist. Giving a description of birds [collected] by him. *Svo.* pp. xi + 84. T. of c. *Philadelphia.*
- KRIEGER, OTTO VON.**
 1878. Die hohe und niedere Jagd. *Svo.* pp. 179. *Trier.*
 An historical and sociological account of the chase—including falconry and other bird hunting—in Thuringia during the sixteenth and seventeenth centuries.

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 Falconry
 extent

Kraepelin, 1891-95. Revis. d. Skorpione. 5 pls.

Kraell. 1912. Lebende Tiere. Leipzig.

— case. Harry Harris tells me that the missing pl. was issued with the prospectus - and as it was to be introduced after part 78, it never appeared.

→ Kükenthal, 1902-07. Versuch ein. Pwis. d. Aleyonarien.

→ Kummerlöwe, H. 1930-31. Vergleich. Untersuchungen über das
Genadensystem weiblicher Vögel. et Ilc. M. 160. Taf. u. 196 abb.

Kuo P' O. ^ 1 [title in Chinese] Erh ya.

→ Kinoda, N. 1933 Birds of the Island of Java. Tokyo.

→ Kuhl, H. 1820. Conspectus Peittacorum. 4to.

→ |

→ One hundred and twenty studies in colour of animal life. 2nd ed. 1920
Im Lande meiner Modelle.

KROATISCHE NATURWISSENSCHAFTLICHE GESELLSCHAFT. See HRVATSKO PRIRODOSLOVNO DRUŠTVO U ZAGREBU.**KROHN, H.**

1903. Der Fischreier und seine Verbreitung in Deutschland. *Svo. pp. 103. col. map. Leipzig.*

A monograph on the heron (*Ardea cinerea*) and its distribution in Germany. The copy in hand is a present from the writer.

[1924]. Die Vogelwelt Schleswig-Holsteins und ihre Erforschung im Verlauf von fünf Jahrhunderten von 1483 bis zur Gegenwart. *Svo. pp. 494. 1 pl. (fold. maps). bibliogr. Hamburg.*

KRUIMEL, JAN HERMAN.

1916. Onderzoekingen over de veeren bij Hoenderachtige Vogels. (Amsterdam University theses.) *folio. pp. 4+93. 4 pl. 4 figs. 2 indexes. Leiden.*

On the feathers of gallinaceous birds.

KRYMSKOE OBSHCHESTVO ESTESTVOISPYTATELEI I LIUBITELEI PRIRODY. *Sevastopol.*

1911-13? Zapiski.

French title: Société des Naturalistes et des Amis de la Nature en Crimée.

KUEKENTHAL, WILLY [1861-].

1925. Handbuch der Zoologie. *Berlin.*

A very important treatise, a subscription work intended to meet the wants of advanced students.

KÜENZEL, WALTER [1893-].

1918. Versuch einer systematischen Morphologie des Gehirns der Vögel. *4to. pp. 17+111. 7 pl. T. of c. Geneva.*

Indices of the five divisions of the brain in relation to the entire surface of the brain are established and form the basis of comparison between lower and higher types. The highest values are found in the Psittacidae. (Bern University thesis.)

KUHL, HEINRICH [1797-1821].

1820. Beiträge zur zoologie und vergleichenden anatomie. *2 pts. 4to. pp. 151+212. 11 pl. Frankfurt-a/M.*

1820. Buffoni et Daubentoni figurarum avium coloratarum nomina systematica; ed., praef. et indicibus auxit Theodorus van Swinderen. *4to. pp. [4]+26. Groningae.*

A rare and valuable collection of papers on various subjects by this famous comparative anatomist, the first tabulating 1,008 colored plates published in the works of Buffon and Daubenton, furnishing systematic names for the species when these were lacking. Then follows an *Index Systematicus* of 147 genera, after the classification of Illiger, as published in his *Prodromus Systematis Avium*, Berlin, 1811; after which an *Avium Ordines, Familiae et Genera in Systemate Cl. Illigeri* and, finally, an alphabetic index of genera according to Illiger. From Prof. Cabanis' library.

KUHLMANN, F.

[n.d.] Some preliminary observations on the development of instincts and habits in young birds. (Wanting.)

KUHNERT, WILHELM [1865-].

1907-11. Farbige Tierbilder. *2 Folgen. folio. col. pl. Berlin.*

n.d. Meine Tiere; die Radierungen Wilhelm Kuhnerts. *4to. pp. xxvi+31. Berlin.*

Reproductions of etchings of animals, dating from 1914 to 1924, by Kuhnert, who travelled in Africa for the purpose of sketching wild game from life. He is especially noted for his delineations of lions. Of other noteworthy sketches may be mentioned the group of Ceylon Buffaloes (pl. 32) and the African Water-buck (pl. 95). The descriptions are by Hermann Hirzel.

KUMLIEN, LUDWIG [1853-1902].

1879. Contributions to the natural history of Arctic America, made in connection with the Howgate polar expedition, 1877-78. *Svo. pp. 179. T. of c. Washington.*

An author's separate (Bulletin No. 15 of the United States National Museum).

****** and HOLLISTER, NED.**

1903. The birds of Wisconsin. *Svo. pp. iv+143. front: 7 pl. 2 indexes. Milwaukee.*

A systematic and valuable annotated list of 357 species.

KUO P'O [A.D. 276-324], Commentator.

1801. A dictionary of ancient terms, with terms and illustrations for animals, birds, insects, fishes, etc., reprint from a Sung edition (960-1280). *40.8 x 26.8 cm. [G.]*

KUNST- UND HANDWERKSVEREIN; Naturforschende Gesellschaft. See OSTERLÄNDISCHE BLÄTTER FÜR LANDES- NATUR- UND GWERBEKUNDE.**KUPFFER, CARL WILHELM VON [1829-1902] and BENECKE, B. A.**

1879. Photogramme zur Ontogenie der Vögel. Serie I (all pub.). *folio. pp. 48. 15 pl. Halle.*

KURODA, NAGAMICHI.

1913. Geese and swans of the world. *4to. pp. [8]+118. 9 pl. (4 col.). (The Ornithological Society of Japan.) Tokyo.*

Title-page and systemic nomenclature in English; text in Japanese.

1917. General survey of Korean and Manchurian birds. *4to. pp. 95+182. Tokyo.*

A few cuts in the text, with the zoological names of species in English and Japanese. A systematic study, published in Japanese by the Ornithological Society of Japan, of the avifauna of Korea and Manchuria. The copy in hand is a presentation to the library by the author who has kindly supplied a MS. translation of the title in English.

1925. A contribution to the knowledge of the avifauna of the Riu Kiu islands and the vicinity. *4to. pp. vi+293. 8 pl. (col.). 1 map (fold.). T. of c. bibliogr. index. Tokyo.*

An important work on the birds of the Riu Kiu or Loo-choo islands, a chain of about 40 islands between Kiushiu, the southernmost of the Japanese group, and Formosa. Kuroda obtained examples of 231 Riu Kiu birds out of a total of 281 forms reported from these islands. Fine colored drawings from the paintings of Juzo Kobayashi accompany the text.

1926. A Monograph of the Pheasants of Japan including Korea and Formosa. *pp. 40. 12 col. and 3 plain pl. T. of c. Published by the Author. Tokyo.*

A classic treatise, extremely well prepared, on the above subject.

KUSER, JOHN DRYDEN.

1912. The birds of Somerset hills [New Jersey]. *12mo. pp. (4)+160. 22 pl. (col.). 1 map. T. of c. index. [Rahway, N.J.]*

The list includes 132 species and subspecies. The present copy is a presentation from the author, with his autograph.

1917. The way to study birds.

New York and London.

KÜSTER, HEINRICH CARL [1807-76] and HAHN, C. W.

1818-50. Voegel aus Asien, Afrika, Amerika und Neuholland, &c. See HAHN, C. W. and KÜSTER, H. C.

*Seiler
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KUTCHIN, VICTOR.

[1922]. What birds have done with me. *8vo.*
pp. 274. front. *T. of c.*
Boston.

L., H. M.

n.d. Rough notes on natural history in Norfolk
and the eastern counties. *12mo.* pp. (4)+141.
17 figs. *index.*
London.

LABAT, JEAN BAPTISTE [1663-1738].

1722. Nouveau Voyage aux isles de l'Amérique,
etc. 6 vols. *12mo.* *illustr.*
Paris.

The Compiler is acquainted with this work mainly because of many
references to the fauna of the British West Indies. It is among the
fundamentals for a study of those islands.

**LABILLARDIÈRE, JACQUES JULIEN HOUTON
DE [1755-1834].**

1800. An account of a voyage in search of La
Pérouse, undertaken by order of the Constituent
Assembly of France and performed in the years
1791-93, in the Recherche and Espérance. 3 vols.
2 vols. *8vo.* text. 1 vol. *folio.* atlas. Pub. by
J. Debrett. Tr. from the French. Vol. I, pp. lxxii +
464. *T. of c.* *index.* Vol. II, pp. vii + 423 + 43.
T. of c. Vol. III, pp. 6. 44 pl. (1 chart *fold.*).
London.

A voyage having two ends in view, the search for M. de la Pérouse
and his companions, and the study of the natural history, &c., of the
countries visited. References to birds are numerous throughout both
volumes, with illustrations of the Black Swan, Calao, Black-spotted
Parrakeet, Magpie of New Caledonia, Albatross, various Pigeons,
Gulls and Petrels, &c., &c.

1800. Voyage in search of La Pérouse, performed
by order of the Constituent assembly, during the
years 1791, 1792, 1793, and 1794, and drawn up
by M. Labillardière . . . one of the naturalists
attached to the expedition. 2 vols. *8vo.* Vol. I,
pp. xxxii + 487. 15 pl. (1 chart *fold.*). *T. of c.*
Vol. II, pp. 344 + 105. front. 29 pl. *T. of c.*
append.
London.

This edition (translated from the French and printed for John
Stockdale) differs in many respects from that of the same date
printed for J. Debrett. The wording of the title-page is different as
well as the general arrangement of the text and plates, the latter not
being in a separate folio atlas, but reduced in size and bound in
amongst the text, the number of plates appearing as 46 owing to
two of the plates in the atlas being divided into two.

**LA BLANCHÈRE, PIERRE RENÉ HENRI MOULIN
DU COUDRAY DE [1821-80].**

1875. Les oiseaux utiles et les oiseaux nuisibles
aux champs—jardins—forêts, etc. 2nd ed. *16mo.*
pp. vii + 387. 150 figs. *index.*
Paris.

1884. Les oiseaux utiles et les oiseaux nuisibles.
4th ed. *12mo.* pp. 8 + 387. *illustr.*
Paris.

1885. La Pêche et les Poissons. Nouv. Diction-
naire des Pêches. 4to. 45 col. pl.
Paris.

LA BONITE. Voyage autour du Monde.

1840-52. Zoologie. 2 vols. and atlas. 100 col. pl.
See VOYAGES, FRENCH.
Paris.

**LABORATOIRE ZOOLOGIQUE ET STA-
TION BIOLOGIQUE DE SÉBASTOPOL.**

1903-5. Travaux. Series 1.

1915-date. Travaux. Series 2.

LABOUCHÈRE, HENRY MATTHEW.

1874. Bird-life, &c. See BREHM, A. E.

**LACAZE-DUTHIERS, H. DE. 1872. See
ARCHIVES DE ZOOLOGIE EXPÉRIMENTALE ET
GÉNÉRALE.****LACÉPÈDE, BERNARD GERMAIN ÉTIENNE DE LA
VILLE [1756-1825].**

1749-1825. See BUFFON and others.

1788-9. Histoire naturelle des quadrupèdes ovi-
pares et des serpents. 2 vols. *8vo.* *illustr.* pl. See
BUFFON, 1749-1804.
Paris.

One of the earliest treatises on natural history by this associate of
Buffon.

1810. The wonders of animated nature; consisting
of descriptions at large and engraved representa-
tions of the principal animals and birds in the
Royal menageries of London and Paris. Tr. from
Lacépède, with considerable additions by the
English editor. *8vo.* pp. 198. front. (*fold.*). 14 pl.
(*fold.*). *T. of c.*
London.

1819. See BUFFON, G. L.

1825. Histoire naturelle des quadrupèdes ovi-
pares, serpents, poissons et cétacés pour faire
suite aux Œuvres de Buffon. Nouvelle éd. 5 vols.
8vo.
Paris.

1856. Histoire Naturelle de Lacépède, etc. 2 vols.
8vo. col. *illustr.* (Wanting.)

This is the first of a series of treatises on vertebrates by this famous
naturalist. It is based on Cuvier and Desmarest. The many subse-
quent volumes and editions by this author follow Buffon (q.v.), and
his teachings.

1860-4. Histoire naturelle . . . les cétacés, les
quadrupèdes ovipares, les serpents. 2 vols. *8vo.*
Paris.

LACKOWITZ, WILHELM.

1884. Unsere Vögel. Bilder aus dem Vogelleben
Norddeutschlands. See RÖPER, PAUL M. and
LACKOWITZ, WILHELM.

**LA COQUILLE, VOYAGE OF. See LESSON,
RENÉ PRIMEVÈRE, 1839.****LACROIX, A. and others.**

1924-5. Inventaire des périodiques scientifiques
des bibliothèques de Paris. 4 pl.
Paris.
See under ACADÉMIE DES SCIENCES.

LACROIX, ADRIEN.

1873-5. Catalogue raisonné des oiseaux observés
dans les Pyrénées Françaises. *8vo.* pp. 299. 8 col.
pl.
Toulouse and Paris.

LADD, NIEL MORROW.

[1916]. How to make friends with birds. 32mo.
pp. (8) + 228. 206 figs. (8 col.) *index.*
Garden City, N.Y.

1926. How to make friends with birds.
Garden City, N.Y.

LAEFFLER, E.

1905. Dænemarks Natur und Volk. Copenhagen.

LAET, JOANNES DE [1593-1649].

1648. G. Marcgravii . . . Historiae Rerum Natura-
lium Brasiliae, libri octo, etc. *folio.*

This is a compilation of the uses of certain Brazilian products in
medicine (in which some South American fauna are described) based
on G. Piso's treatise on the same subject.

LA FRESNAYE, FRÉDÉRIC DE [? 1786-1861].

[1837-8]. Synopsis Avium ab A. d'Orbigny in
ejus per Americam meridionalem itinere, etc.
2 pls. *8vo.*

As indicated, the above title (on the birds of South America) forms
two of ninety parts of d'Orbigny's famous Voyage dans l'Amérique
Méridionale (q.v.).

P.H.M. = Leather Hilly M[ussenden].

- habat, Jean Baptiste. 1663-1738. ~~Mon~~ Nouveau voyage aux isles
1724. de l'Amérique. La Haye, 1724. 2 Vols.
1724. - The same. La Haye, 1724. 6 Vols.
1742. - The same. Paris, 1742. 8 Vols.
1730. Voyage du chevalier des Marchais en Guinée,
isles voisines, et à Casamance. Paris, 1730. 4 Vols.
1730. Voyages en Espagne et en Italie. Paris, 1730. 8 Vols.
Lack, David. 1934. The Birds of Cambridgeshire. This work, which
contains 118 pages of text and a folding map of the
area, is the result of the combined work of the
members of the Cambridge Bird Club.

Macroy-Dauliad. 1891. La plume des oiseaux. 368 p. fig.

388. Histoire de la Testacelle. 12 pls.

→ La Fresnaye. Essai d'une nouvelle manière de grouper les genres.

→ Lamond, Henry. 1916. The Sea- Trout. 4 to. 9 col. pl. 62 illus. London.

de
→ Lamballe. A. J. J. 1858. Electriques des Poissons etc 104 pp. Paris. 5/6.

→ Lampe, 1904-12. Katal. d. Vogeleammlung. d. Wiesbadener Museums.

→ Laidlaw. F. C. 1933. Care + propagation of Ornamental waterfowl

> Lampert. ^{68 Illust.} Bilder-Atlas (1913) - Vögel.

↳ ^bLamprecht. Kálmán. ~~Palaeornithologie 1933.~~ 1933. Handbuch
der Palaeornithologie. 209 Textabbildungen und 4 Tafeln.

→ Landau, G. Beiträge zu Fauna in Deutschland. Kassel 1849.

1845-51. See VOYAGES, FRENCH; EN ABYSSINIE, DANS LES PROVINCES DU TIGRÉ, etc.

[1863]. Catalogue des Oiseaux de la collection de . . . M. le Bon. de Lafresnaye. 8vo. pp. 258. Lithographed. Falaise.

The collection listed in the above Catalogue of Birds was purchased in 1865 by Dr. Henry Brant and presented to the Boston Society of Natural History, who, a few years later, presented it to the Museum of Comparative Zoology, Harvard University.

1863. Catalogue des ouvrages scientifiques composant la bibliothèque de M. le Bon. de La Fresnaye. 8vo. pp. 11. Falaise.

LAILAW, FRANK FORTESCUE. 1902. See GARDINER, J. S.

LAIMBEER, RICHARD HARPER.

1923. Birds I have known. 8vo. pp. xviii+401. front. (col.). 98 pl. (49 col.). T. of c. index. New York.

LAING, HAMILTON MACK [1883-].

1913. Out with the birds. 8vo. pp. (12)+249. front. 23 pl. T. of c. New York.

**** and TAVERNER, P. A.

1925. Birds collected and observed during the cruise of the Thiepval in the North Pacific, 1924. Canada. Depart. of Mines. 8vo. pp. (4)+46. front. 2 pl. 1 fig. T. of c. bibliogr. Ottawa.

An annotated list of the birds observed and collected during the cruise, the critical remarks in small type being supplied by P. A. Taverner who is also responsible for the nomenclature and determination of specimens.

LAISHLEY, RICHARD.

1858. A popular history of British birds' eggs. 8vo. pp. xi+313. front. (col.). 19 pl. (col.). index. London.

LAMARCK, JEAN BAPTISTE PIERRE ANTOINE DE [1744-1829].

1802. Recherches sur l'organisation des corps vivans, et particulièrement sur son origine, sur la cause de ses développemens et des progrès de sa composition, et sur celle qui, tendant continuellement à la détruire dans chaque individu, amène nécessairement sa mort. 8vo. pp. viii+216. index. Paris.

A rare title of great value in the study of evolution. See also the author's *Philosophie zoologique*.

1809. Philosophie zoologique, ou exposition des considérations relative à l'histoire naturelle des animaux; à la diversité de leur organisation et des facultés qu'ils en obtiennent; aux causes physiques qui maintiennent en eux la vie et donnent lieu mouvemens qu'ils exécutent; enfin, à celles qui produisent, les unes le sentiment, et les autres l'intelligence de ceux qui en sont doués. 2 vols. 8vo. pp. 475 and xxv+428. Paris.

An association copy of extreme rarity and importance in the study of the illustrious author's contributions to the theory of animal evolution. It bears the following inscription: 'A Monsieur Cuvier de la part de l'auteur.' The copy has the stamp 'G. Cuvier' and 'Muséum d'Histoire Naturelle' on the title-pages, and has at one time been sold as a duplicate. A number of passages from the *Recherches* (q.v.) have been reprinted verbatim in the *Philosophie zoologique*. Neither the *Recherches* nor the *Philosophie* is in the British Museum Library, and there is only one volume of the latter in the Prussian State Library.

1809. Philosophie zoologique. Übersetzt von A. Lang unter dem Titel: 'Zoologische Philosophie von Jean Lamarck, nebst einer biographischen Einleitung von Charles Martins.' Jena, 1876.

A German translation of the rare original.

LAMBRECHT, KÁLMÁN.

1921. Fossilium Catalogus. Editus a C. Diener. Pars 12: K. Lambrecht. Aves. 8vo. pp. (4)+104. index. Berlin.

Part 12 of Section 1 of a work planned to embrace all fossils. The present number covers the class Aves. The specific date is from the original wrapper.

LAMOUREUX, Madame S.

1828. Iconographie des Reptiles, etc. 8vo. (Wanting.)

This interesting series of reptilian portraits forms part of Bory de Saint-Vincent's contribution to the *Encyclopédie portative—Résumé d'Erpétologie*.

LAMPE, M. 1901-3. See GERMANY. DEUTSCHE SÜDPOLAR-EXPEDITION.

LAMPERT, KURT [1859-1918].

1910. Das Leben der Binnengewässer. 2nd ed. 4to. pp. 18+856. illust. pl. Leipzig.

LA MURITHIENNE.

1868-date. Bulletin de la Soc. Valaisanne, etc. 6 vols. See also MURITHIENNE.

LA NATURE. PARIS.

1873-1917. 94 vols.

LANCASHIRE AND CHESHIRE FAUNA COMMITTEE. Manchester.

1914/15-date. Annual Report and Reports of Recorders.

LANCASHIRE AND CHESHIRE NATURALIST. 1914-date. See also LANCASHIRE NATURALIST and JOURNAL OF NATURAL HISTORY . . . LANCASHIRE, etc. Darwin.

LANCASHIRE NATURALIST. Darwin.

1907-8. Continued as Journal of Natural History . . . Lancashire, etc.

LANCASHIRE SEA FISHERIES LABORATORY. See LIVERPOOL UNIVERSITY.

LANCASHIRE AND WESTERN SEA FISHERIES JOINT COMMITTEE. Liverpool.

1906-10. Quarterly Report on Scientific Work.

LAND AND WATER. 1862-1920. London.

LANDBRUG OG NATURVIDENSKAB. 1867-70. Odense.

LANDOIS, HERMANN [1835-?1907]. 1878. See ALTUM, B. and LANDOIS, H.

LANDREIN, ALEXANDRE.

1867. Les monstres marins. Paris.

LANDSEER, THOMAS [1795-1880] and BARROW, J. H.

1832. Characteristic sketches of animals, drawn from the life and engraved by Thos. Landseer; with descriptive and illustrative notices by J. H. Barrow. folio. pp. x+(68). 32 pl. 32 figs. (tail-pieces). London.

A series of 32 beautiful etchings of animals accompanied by two pages of descriptive letterpress and etched tail-piece to each. See also BARROW, J. H.

- LANDSHUT. Naturwissenschaftl. Verein. Bayern.**
1864-1910. Bericht (all pub.).
1864-1900 as Botanischer Verein in Landshut.
- LANE, CYRIL GRANT.**
n.d. Creature-life in Australian wilds. 4to. pp. 304. front. 100 figs. *T. of c. index.* London.
An account of 18 years spent in the Australian bush observing and photographing the unique creatures found there. The birds are described on pages 153-278 illustrated with 38 beautiful photographs.
- LANG, ANDREW [1844-1912].**
1896. The animal story book. 12mo. pp. 14+400. London.
- LANG, ARNOLD [1855-1929].**
1891-6. Text-book of Comparative Anatomy. Tr. into English by H. M. Bernard . . . with a preface by E. Haeckel. 2 pts. 8vo. illust. London. Highly recommended to students.
- LANG (Capl.).**
1904. Overheard, by Skene Dhu [pseud.]. 12mo. pp. [10]+150. *T. of c.* Madras.
Popular sketches of scenes in the jungle in most of which birds are made to figure.
- LANGDON, FRANK WARREN [1851-].**
1879. A revised list of [256] Cincinnati birds. 8vo. pp. 27. no title. Cincinnati.
A separately paged reprint from the *Journal of the Cincinnati Society of Natural History*, Jan. 1879.
- LANGÉ, DIETRICH [1863-].**
1899. Our native birds. 8vo. pp. ix+162. 10 figs. *T. of c. index.* London.
- LANGGUTH, CHRISTIAN AUGUST.**
1803. De mumiis avium in labyrintho apud Sacaram repertis. 8vo. pp. 4+49. pl. *Vitebergae.*
An interesting inaugural thesis on mummified birds found in a tomb at Sakkarah, Egypt.
- LANGILLE, JAMES HIBBERT.**
1884. Our birds in their haunts: a popular treatise on the birds of eastern North America. 8vo. pp. (4)+5-624. front. 1 pl. 24 figs. *index.* Boston.
- LANGIUS, J. J. 1760.** See LINNAEUS, CARL.
- LANGKAVEL, BERNHARD.**
1868. Aristotelis de partibus animalium libri quatuor. See ARISTOTLE.
- LANGSDORF, GEORG HEINRICH VON [1774-1852].**
1813-14. Voyages and Travels in Various parts of the World, 1803-7. 2 vols. 4to. London.
Rare English translation of the original German edition, 1812, in which the natural history of the countries visited is not forgotten.
- LANIER, SIDNEY [1842-81].**
1899. Bob; the story of our mocking-bird. 8vo. pp. 12+64. 16 pl. (col.). New York.
- LANKESTER, EDWIN [1814-74].**
1855. The natural history of Dee Side and Braemar. See MACGILLIVRAY, WILLIAM.
[1860]. The uses of Animals in relation to the industry of Man, etc. 8vo. pp. 8+380. illust. in text. London.
- LANKESTER, EDWIN RAY [1847-1929].**
1870. On comparative Longevity in Man and the Lower Animals. 8vo. pp. 9+135. (Wanting.) London.
One of the earliest and best contributions of this well-known naturalist to vertebrate zoology.
1880. Degeneration; a chapter in Darwinism. pp. 6+75. illust. London.
1891. Zoological articles, contributed to the Encyclopaedia Britannica. 4to. pp. 8+195. illust. Edinburgh.
1898-1902. The scientific memoirs of Thomas Henry Huxley. See HUXLEY, T. H.
1900-9. A treatise on zoology. 9 vols. 8vo. illust. London.
1905. Extinct animals. 8vo. pp. xxiii+331. 218 figs. *index.* New York.
1910. A history of birds. See PYCRAFT, W. P.
1910. Monograph of the Okapi. Atlas, pp. xii. 48 pl. See BR. MUS. NAT. HIST. London.
[1915]. Diversions of a naturalist. 2nd ed. pp. xv+416. 43 figs. *index.* London.
1919. Science from an Easy Chair. 14th ed. 12mo. 66 illust. London.
A cheap reissue of this charming book.
[1920]. Secrets of earth and sea. 12mo. pp. xvii+243. 60 figs. *index.* London.
1920. More Science from an Easy Chair. 12mo. 34 illust. London.
A cheap reissue, in part, of *Science from an Easy Chair*: Second series, 1912.
- LANNING, GEORGE [1852-1920].**
1911. Wild life in China; or, Chats on Chinese birds and beasts. 8vo. pp. xvi+255. *T. of c. append.* Shanghai.
- LANSDELL, HENRY [1841-? 1913].**
1893. Chinese Central Asia; a ride to Little Tibet. 2 vols. 8vo. Vol. I, pp. xl+456. 60 figs. 1 map. Vol. II, pp. xiii+512. 19 figs. 2 maps. *append. index.* London.
A companion work to the author's *Russian Central Asia*, 1885. During the journey many specimens of the fauna of the country were collected and a list made of the Aves appears in Appendix A pp. 410-14.
- LANSING, Mrs. JENNY H. [1840-? 1908] and HOFFMANN, RALPH.**
1898. Bird world; a bird book for children. 8vo. pp. viii+214. 13 pl. 65 figs. (8 col.). *append. index.* Boston.
- LANZONI, GIUSEPPE [1663-1730].**
1689. Zoologia parva; sive, Tractatus de animalibus ad medicinam facientibus. 12mo. pp. 10+161. Ferrariae.
- LA PÉROUSE, JEAN FRANÇOIS DE GALAUP [1741-88?].**
(1798) An VI. Voyage autour du Monde, etc. 4 vols. 4to. text. 1 vol. folio. atlas. Paris.
The second edition of this famous expedition, so productive of scientific results, for zoology in particular. See also, LABILLARDIERE, J. J. DE.

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Lowe, C.H. 1912. All about dogs. 8vo. p. xii, 400, 87 illus.

Lowie, H.H. 1909. Observations on habits and placentalion of *Tatus meremincetus* and suggested classification of edentates. Univ. Okla. Res. Bull. 2. 27p.

1910. Science from an easy chair. col. front., illus., London.

→ 1854-56. Museum of science and art. 12 v. illus.

→ Lascelles, Gerald. Falconry. Badminton Library, London. 1892. 2 copies.

→ Lattin, F. H. 1892. The Standard Catalogue of North American birds
eggs. Ed. 3. 53 pp. New York.

(1798) An VI. Voyage around the World. Tr. from the French first edition. Numerous pl. reduced in size from the French (large) 4to re-engraved. 3 vols. 8vo.

1799. A voyage round the World . . . by the Boussole and Astrolabe. 2 vols. folio. With folio atlas. English tr.

LAPLACE, CYRILLE PIERRE THÉODORE [1793-1875].

1839. Voyage autour du monde par les mers de l'Inde et de Chine exécuté sur la corvette de l'état la Favorite pendant les années, 1830-32. Vol. 5. 8vo. pl. Paris.

CONTENTS: Zoologie par J. F. T. Eydoux.

This is that part of the report of a celebrated voyage dealing with the zoology.

LA PLATA—MUSEO.

1891-1903. Annales—Sección Paleontológica.

1893-5. Annales—Sección Zoológica.

LARDNER, DIONYSIUS [1793-1859].

1835. The cabinet Cyclopaedia conducted by . . . D. Lardner . . . Natural history. Vol. 115.

1836-7. The cabinet cyclopaedia. Natural history. Vols. 117-18.

n.d. Another edition undated.

LA ROCHELLE.

1864-1911. Annales de l'Académie des Sciences Naturelles. Vols. 19-20, 24, 26-32, 34-6.

LASKEY, W.

1919. Aviaries, bird-rooms and cages. See NORMAN, H.

n.d. Budgerigars and cockateels. See ARTHUR, C. P.

LATASTE, FERNAND. 1885-99. See EXPLORATION SCIENTIFIQUE DE LA TUNISIE.

LATHAM, JOHN [1740-1837].

1781-5. A general synopsis of birds. 3 vols. 4to. 106 col. pl. London.

For the times in which he lived Dr. Latham's treatise is in many respects remarkable for its comprehensiveness and completeness. A devotee of Linnaeus he was prejudiced against the admission into scientific classification of new genera and species although he was advanced enough to adopt several of these. He added later to this illustrated history of the birds of the world Supplement (I), 1787, Supplement II, 1801, and between these dates an 'Index ornithologicus, 1790'—all of which are separately noticed in this catalogue. A collection of the Synopsis, Supplements, and Index will be found in the Mullens-Swann *Bibliography*, pp. 340-1.

1787. Supplement to the General Synopsis of Birds. 4to. pp. iii + 298. illust. title. col. pl. CVII-CXIX. index. London.

Contains additions to reviews of the material in the author's *General Synopsis of Birds*, 1781-5.

1790. Index ornithologicus, sive Systema ornithologiae; complectens avium divisionem in classes, ordines, genera, species, ipsarumque varietates: adjectis synonymis, locis, descriptionibus, &c. 2 vols. 8vo. Vol. I, pp. xviii + 466. Vol. II, pp. 467-920. London.

One of the three works supplementary to the author's *General Synopsis of Birds*, 1781. It is in reality a systemic list of the whole class Aves. It forms a Latin thesis on the higher groups and species, to the latter of which Latham now gives binomial titles which in his earlier work were considered under their vulgar names only.

1791-1812. Allgemeine Uebersicht der Vögel. Uebersetzt von Bechstein. 8 Theile, nebst Register. 180 col. pl. Nürnberg.

A German translation and adaptation of Latham's *Synopsis*, in eight parts.

1801. Supplementum indicis ornithologici, sive systematis ornithologiae. Studio et opera. 4to. pp. 74. London.

A continuation of the *Index ornithologicus*, 1790.

1801. Supplement II to the General Synopsis of birds. 4to. pp. 376 + 20. 140 col. pl. index. London.

There seems to be some doubt as to the exact date of issuing this supplement, which forms a revised, amended, and descriptive list to date of publication of such species as appeared to the author to require notice.

1809. J. Latham Systema Ornithologiae, sive index Ornithologicus . . . Editio nova . . . locupletata curis et opera E. Johanneau. 12mo. pp. 444. Paris.

This copy of a fundamental work of extreme value to the systematic student was purchased at the Milne-Edwards sale many years ago by Dr. Chas. Richmond and long used by him as a work of reference. It forms a unique author's copy with MS. additions by Johanneau and Milne Edwards. See the chapter on *Unica* in this INTRODUCTION.

1821-8. A general history of birds. 10 vols. and 1 vol. index. 4to. 193 col. pl. Winchester.

In this copy the index to the 10 vols. is bound separately. The whole work has been rewritten to date. The nomenclature, apart from the scientific names in the synonymy, is in the vulgar tongue. The author evidently expected that the systematic titles would be furnished by later systematists. A few new bird portraits are provided, on additional plates; otherwise the treatise contains much the same information as is found in the earlier works of this author. The volumes (a careful collation of which will be found in the *Ayer Cat.*, p. 376-7) are indispensable to the research student.

1827-8. MS. appendix to Latham's birds with original paintings by F. J. Shore. See ORIGINAL DRAWINGS. F. J. SHORE.

LATHAM, ROBERT GORDON [1812-88].

1850. The natural history of the varieties of man. 8vo. pp. 28 + 574. illust. text. London.

LATHAM, SYMON.

1633. Lathams Falconry; or The falcons lure, and cure: in two books. The first, concerning the ordering and training up of all hawkes in generall; especially the Haggard Falcon gentle. The second, teaching approved medicines for the cure of all diseases in them. 2nd ed. 12mo. pp. (24) + 147. vignette. T. of c. London.

This is the first book of the second edition: quite as good as the first edition, 1615, of which according to Harting it is a reprint without alteration. Less desirable editions were published in 1653 and 1658.

1633. Lathams new and second booke of falconry, concerning the ordering and training up of all such hawkes as was . . . left unmentioned in his printed booke of the Haggard Falcon and Gerfalcon, etc. 2nd ed. 12mo. pp. (22) + 148. 34 figs. T. of c. London.

The second book of the second edition bound up as usual with the first book. The engraved title differs somewhat slightly from that of the first book. The woodcuts in the second part of this edition are those from woodcut titles to the second part of the first edition.

LA TOUCHE, JOHN DAVID DIGUES.

1925-6. A handbook of the birds of eastern China (Chihli, Shantung, Kiangsu, Anhwei, Kiangsi, Chekiang, Fohkien, and Kwangtung provinces). Pts. 1-3 in 1 vol. 8vo. 8 pl. 1 col. map. London.

This informative, well-written monograph is in course of preparation, three parts having been so far published, and 21 families dealt with.

- **LAUBMANN, ALFRED.**
1930. Vögel. (Wissenschaftl. Ergebnisse der Deutschen Gran-Chaco-Expedition.) 4to. pp. 334. 31 pl. 13 figs. in text. *index.* Stuttgart.
- A systematic and up-to-date account of the birds of Argentina and neighboring areas. This volume is one of six, prepared by various well-known zoologists, based on the German Expedition under Dr. Krieg, 1925-6. See also WISSENSCHAFTLICHE ERGEBNISSE D. DEUTSCHEN GRAN-CHACO-EXPEDITION, 1930.
- LAUDER, THOMAS DICK** [1784-1848] and **BROWN, CAPT. THOMAS.**
1833. Parrots. (The miscellany of natural history, vol. I.) 8vo. pp. x+170. 35 pl. (col.). 1 pl. (diagr.). 1 fig. T. of c. Edinburgh.
- Following a sketch of John James Audubon, with portrait, comes a discussion of the physical, intellectual, and imitative faculties of parrots, with an account of each species.
- n.d. Macaws, cockatoos, parrakeets, and parrots; with chapters on diseases and cages from Karl Russ. 8vo. pp. (4)+130. 24 pl. 1 fig. T. of c. London.
- LAUGIER DE CHARTROUSE, MEIFFREN.**
1838. See TEMMINCK, COENRAAD J.
- LAUSANNE. Musées d'Histoire Naturelle.**
1887-1911. Rapport des Conservateurs.
- LAUSANNE. Société Vaudoise des Sciences Naturelles.**
1922-date. Mémoires.
- LAVALLE, A.**
n.d. Die Rasse- und Nutzgeflügelzucht. 2nd ed. 8vo. pp. 23. 5 pl. (1 col.). 4 text cuts. Berlin.
- LA VARRE, WILLIAM J.** [1898-].
1919. Up the Mazaruni for diamonds. 8vo. pp. xiv+139. 16 pl. T. of c. Boston.
- British Guiana sketches, with references to the birds, &c., and an account of the native Indians shooting animals with poisoned arrows by means of a long reed blow-pipe.
- LAVATER, J. R.**
1700. Historiae Helveticae Naturalis prolegomena Publicae Eruditorum sunetesei subjecta. 8vo. pp. 30. Tiguri.
- An inaugural dissertation (for a medical degree) on an introduction to the natural history of Switzerland. A fairly good bibliography accompanies the Latin text.
- LAVAUDEN, LOUIS.** 1924. See BABAULT, GUY.
- ****, **BLANCHET, A., and BÉDÉ, P.**
1924. Contributions à l'ornithologie Tunisienne pour servir de complément et de supplément aux [Whitaker's] Birds of Tunisia. 8vo. pp. 23. 1 pl. Tunis.
- LAW, SATYA CHURN.**
[1925]. Pet birds of Bengal. Vol. I. 8vo. pp. xxix+366. front. (map). 7 pl. 41 figs. *index.* Calcutta.
- This volume (which may be unique) is interesting mainly because it is a printer's proof submitted to Thacker, Spinx & Co., Calcutta, that they might decide whether they would allow their *imprimatur* as publishers to appear on it. The book was written and printed by native Indians and, everything considered, is a fair sample of book-making, in spite of inverted illustrations (see p. 98) and other defects. This copy was purchased on Dec. 17, 1924, from the manager of Thacker, Spinx & Co., who said that the date on the title-page should be 1925 and not 1923 as the treatise had at that date not yet been published.
- LAWRENCE, GEORGE NEWBOLD** [1806-95].
1858. Reports of explorations and surveys . . . for a railroad from the Mississippi River to the Pacific Ocean . . . Birds; by S. F. Baird. With the co-operation of . . . G. N. Lawrence. See UNITED STATES. PACIFIC RAILROAD SURVEYS.
- 1860.** Birds of North America, &c. See BAIRD, S. F.
- 1870.** Birds of North America. Another edition. See BAIRD, S. F., CASSIN, and LAWRENCE.
- 1871.** Natural history of the Tres Marias and Socorro. See GRAYSON, Col. A. J.
- 1874.** Birds of W. and N.W. Mexico. Boston.
- 1875.** Birds of southwestern Mexico. Collected by Francis E. Sumichrast for the United States National museum. 8vo. pp. 56. *index.* Washington.
- Author's edition of an important descriptive catalogue of 321 species of Mexican birds.
- 1892.** Bibliography [of the works] of G. N. Lawrence by L. S. Foster. pp. 124. (Bull. U.S. National Museum.) Author's excerpt.
- LAWRENCE, JOHN** [1753-1839].
1869. History and Delineation of the Horse, etc. 4to. illust. [O. 3184.] London.
- LAWRENCE, WILLIAM** [1783-1867].
1816. An Introduction to Comparative Anatomy and Physiology. 8vo. [O. 3185.] London.
- LAWYER, GEORGE A.**
1918. Federal protection of migratory birds. Separate from Yearbook of the Department of Agriculture, 1918, No. 785. 8vo. pp. 16. 3 pl. 2 figs. (maps). T. of c. Washington, D.C.
- This pamphlet deals with the present Federal protection of, and future outlook for migratory birds.
- LAYARD, EDGAR LEOPOLD** [1824-1900].
→ **1867.** The birds of South Africa; a descriptive catalogue of all the known species occurring south of the 28th parallel of south latitude. 8vo. pp. 16+382. 1 pl. Cape Town.
- This well-known and fundamental monograph includes in a description of 702 species a number of birds new to ornithologic science. The volume in hand is the library copy of the Author's friend, Frederic R. Surtees. The latter supplied the autographs on p. iii, and had bound with this monograph J. H. Gurney's review of and additions to the Catalogue. Many clippings and notes were also added by the same hand. The following original drawings—probably painted by Mr. Surtees—have been inserted on the pages indicated: Nest of the Weaver Bird, frontispiece; Alcedo cristata, p. 65; Nests of Hyphantornis, p. 179; Kafir Finch, p. 184; Quail's Egg, p. 275; Charadrius bitorquatus, p. 296; Nycticorax africanus, p. 310.
- 1875-84.** The birds of South Africa. 4to. pp. 25+890. 12 col. pl. London.
- The above admirable treatise appeared in six parts and is a much enlarged edition of the *editio princeps* of 1867. It is edited by Bowdler Sharpe who rewrote much of it and described several new species.
- n.d. Catalogue of [320] Ceylon Birds. 8vo. pp. 2. Colombo.
- LEA, JOHN.**
1909. The romance of bird life; being an account of the education, courtship, sport and play, journeys, fishing, fighting, piracy, domestic and social habits, instinct, strange friendships, etc. 8vo. pp. 376. 26 pl. *index.* Philadelphia.

927. Zur ornithologie d. Ionischen Inseln 11. 7 Taf. u. Karte.

853. On the ornithology of Ceylon. 10 pts.

→ Lee, H. 1875. The octopus. front. illus., pp. 114.

n.d. Sea fables explained. 8vo. pp. 139, pls., woodcuts.

→ Lee, Ida. 1920. Captain Bligh's second voyage to the South Sea. 8vo. pp. xix, 290
17 pls.

LEACH, J. A. [d. 1929].

1911. An Australian bird book; a pocket book for field use. 12mo. pp. 2+200. many col. pl. and text-figs. index. Melbourne.

A very useful and popular guide to the birds of Australia, with numerous subsequent reprintings.

1916. An Australian bird book; pocket book for field use. 3rd ed.

1917. An Australian bird book, etc. 4th ed.

[1918]. An Australian bird book. [Printer's paged proofs for the 5th ed.]

The copy in hand is a unique present to the E.S.W. Library from the author, in the shape of marginal and other notations on the book proof for the 5th edition.

1923. An Australian bird book; a complete guide to the identification of Australian birds. 12mo. pp. 232. 390 col. figs. 296 text-figs. index. Melbourne.

This edition of an extremely useful pocket guide to Australian birds has a supplement that is provided with an index.

[1923]. Supplement to the 5th ed. of An Australian bird book. 8vo. no t.-p. 10 fol. (Melbourne.)

Corrected page proof with notes, presented by the author to the E.S.W. Library.

n.d. A descriptive list of the birds native to Victoria, Australia. 12mo. pp. 74. index. Melbourne.

A useful descriptive list arranged in columns of facts about the birds issued by the Education Dept. of Victoria.

n.d. Royal Australasian Ornithologists' Union. Official check list of Australian birds. 2nd ed. 4to. 29 fol. Rough draft to R.A.O.U. members with letter from J. A. Leach, President. See also ROYAL AUSTRALASIAN ORNITHOLOGISTS' UNION. Melbourne.

This is an advance, typed manuscript, a corrected copy. Presented to the E.S.W. Library by Dr. Leach.

LEACH, WILLIAM ELFORD [1790-1836].

1814-17. The zoological miscellany; being descriptions of new or interesting animals. 3 vols. 8vo. Vol. I, pp. 144. 60 pl. (col.). 2 indexes. Vol. II, pp. 154. 60 pl. (col.). 2 indexes. Vol. III, pp. 151. 29 col. pl. index. London.

1818. See TUCKEY, J. K.

1882. Leach's Systematic Catalogue of the specimens of the indigenous Mammalia and Birds in the British Museum. Edited by O. Salvin. pp. iv +42. Originally issued by the Trustees of the British Museum. See also WILLUGHBY SOCIETY.

LEAR, EDWARD [1812-88].

1820-36. 43 sketches and water-color portraits of animals. See ORIGINAL DRAWINGS.

1830-2. Illustrations of the family of Psittacidae, or parrots. folio. pp. (6)+(2). 42 pl. (col.). London.

A series of beautiful hand-colored lithographs by the author, but without text. The work is noted not only for its artistic value, but also for its accuracy of portrayal. It was issued in 12 parts, the contents of all, and the dates of some, being given by Mathews (*Austr. Av. Record*, 1, pp. 23-5, 1912) from the original wrappers. The first part bears date Nov. 1 1830, and the last, on the title-page, 1832.

**** and **SOWERBY, J. DE CARLE.**

1872. Tortoises, Terrapins and Turtles drawn from life. folio. pp. 6+16. 70 pl. London.

This is a beautiful, composite work for which the two artists furnished the drawings and John E. Gray the letterpress. 40 plates were used also to illustrate T. Bell's *Monograph of the Testudinata*.

LEBENSBLDER AUS DER TIERWELT EUROPAS.

Bd. II. Säugethiere und Vögel.

Bd. IV. Antilopen.

See also ANONYMOUS.

LECHE, WILHELM. 1859-97. See BRONN, H. G. Die Klassen, etc., 1859-97.

LECHNER, A. A. VAN PELT. See VAN PELT LECHNER, A. A.

LECKY, WALTER (pseud.). See MCDERMOTT, WILLIAM A.

LÉCLUSE (OR L'ÉCLUSE) JULES CHARLES DE [1526-1609]. See also CLUSIUS, CAROLUS.

1605. Caroli Clusii Atrebatii . . . Exoticorum libri decem; quibus animalium, etc. folio. illust. See also CLUSIUS, C. DE. Antverpiae.

The Osler Library has several medico-zoological works of this well-known writer.

1611. Caroli Clusii Atrebatii Cyrae posteriores, seu Plurimarum non antè cognitarum, aut descriptorum stirpium, peregrinorumque aliquot animalium novæ descriptiones, etc. folio. pp. 3+71+24. Antverpiae.

A later, amended edition of the original issue dated 1605.

LE COQ, ALBERT VON [1860-].

1913. Bemerkungen über Türkische Falknerei. folio. pp. 12. 14 figs. in text. Leipzig.

An interesting and well-illustrated account of falconry in Turkey with reproductions of photographs of hawks and eagles and their accoutrements as birds of the chase. The brochure is separately bound, from the Cabanis-Reichenow collection.

LEDRU, ANDRÉ PIERRE [1761-1825]. 1810. See SONNINI DE MANONCOURT, C. N. S.

LEE, OSWIN A. J.

1896-9. Among British birds in their nesting haunts. 4 vols. folio. Vol. I, pp. vi+159. 40 pl. 15 figs. Vol. 2, pp. vi+145. 40 pl. 15 figs. Vol. 3, pp. vi+155. 40 pl. 14 figs. Vol. 4, pp. vi+157. 40 pl. 16 figs. Edinburgh.

A series of fine photogravures showing the nesting sites of 122 species, with descriptions of their habits, &c. The book (never completed) was issued in 16 parts of 10 plates each.

LEE, RAWDON B.

1899. A history and description of the modern [non-sporting] dogs of Great Britain and Ireland. New ed. 8vo. pp. 10+428. 23 pl. London.

LEE, (Mrs.) SARAH (BOTH WALLIS) [1791-1856].

?1850. Anecdotes of the habits and instincts of birds, reptiles, and fishes; with illust. by Harrison Weir. 12mo. pp. x+11-420. front. 5 pl. T. of c. New York.

The author's name was first Miss Sarah Wallis, then Mrs. T. E. Bowdich and, finally, Mrs. Sarah (Robert) Lee. See BOWDICH, T. H.

LEEDS NATURALISTS' CLUB AND SCIENTIFIC ASSOCIATION.

1886-90? Transactions.

LEEGE-JUIST, OTTO.

1905. Die Vögel der ostfriesischen Inseln. 8vo. pp. 10+198. index. Emden.

A concise descriptive catalogue (with bibliography) of the birds of East Frisia with their local and systematic names. The species nesting on the islands are specially indicated.

- LEEUWENHOEK, ANTONI VAN** [1632-1723].
1685-1718. (Works. 5 vols.) In Dutch.
A complete set of this naturalist-physician's writings. [O.]
1686. Ontledingen en Ontdekkingen van levende Dierkens in de Teel-Deelen van verscheyde Dieren, Vogelen en Visschen, etc. 4to. [O.]
Leyden.
1695. Arcana naturae detecta. 4to. *illustr.* [O.]
Delphis Bat.
1697. Continuatio Arcanorum Naturae, etc. 4to. *illustr.* [O.]
Delphis Bat.
1719. Epistolae physiologiae . . . variorum Animalium. 4to. *illustr.* [O.]
Delphis.
- LEFEBVRE, CHARLEMAGNE THÉOPHILE** [1811-60], *ed.*
[1845-51]. Voyage en Abyssinie exécuté pendant les années 1839, 1840, 1841, 1842, 1843, par une commission scientifique. 6 vols. 4to. *pl. and atlas.*
Paris.
A famous scientific expedition, made under the auspices of the French Government. The Zoology, part 4, of the records, was described by O. des Murs, F. Prévost, Mm. Guichenot, and Guérin-Méneville.
- LEFÈVRE, AUGUSTE ALFRED** [1828-].
1848. Atlas des œufs des oiseaux d'Europe. 8vo. 17 pls. 136 col. pl.
Paris.
Names and synonyms are given at the bottom of each plate. The figures show the great variation in the markings of many eggs. An English translation was published at both Paris and London.
- LE FÈVRE, JACQUES d'Étaples** (cir. 1455-1537).
1521. In hoc opere continentur totius philosophiae naturalis paraphrases: hoc ordine digestae. 356 fol. *illustr.* Simonem Colineu.
Paris.
A rare volume of great interest to students of vertebrate zoology. Not in the *Cat. Br. Mus. (Nat. History)*.
- LEFFINGWELL, WILLIAM BRUCE.**
1888. Wild fowl shooting. Containing scientific and practical descriptions of wild fowl: their resorts, habits, flights and the most successful method of hunting them. 8vo. pp. (4)+373. 5 pl. 8 figs. *T. of c.*
Chicago.
One of a numerous class of so-called 'sporting' monographs, but relieved by short descriptions of wild fowl, their plumage, their weight, general habits, &c.
1890. Shooting on upland, marsh, and stream. pp. 473. *front.* 13 pl. 28 figs. *T. of c.*
Chicago.
A companion volume to the author's *Wild Fowl Shooting*. It consists of a number of articles by well-known 'sportsmen', each writing on the game bird of which he has had the most experience.
- LEGG, JOHN** [1755-1802].
1780. A discourse on the emigration of British Birds . . . By a Naturalist. 4to. pp. ix+45.
Salisbury.
1814. A discourse on the Emigration of British Birds; or, This Question at last Solv'd, etc. 8vo. pp. xv+64.
London.
There were several editions of this work, this one being ascribed to George Edwards (of Market-Lavington) whose name appears in the title as author. As in most copies, the date (1814) is erased! See Mullens and Swann's *Bibliography of British Ornithology*, p. 349.
- n.d.* A discourse on the emigration of British birds. *folio.* See EDWARDS, GEORGE, OF MARKET-LAVINGTON. *Editio altera.*
- LEGGÉ, WILLIAM VINCENT.**
[1878]-80. A history of the birds of Ceylon. 4to. pp. xvi+1,237. 34 pl. (col.). 1 pl. (diagr.). 1 map (col.). 11 woodcuts (32 figs.). *T. of c.* 2 append. 2 indexes.
London.
A complete and important monograph of the 371 birds of Ceylon, issued in three parts the dates of which are as follows: pt. I, Nov. 1878; pt. II, Sept. 1879; and pt. III, Sept. 1880. Part II contains a reprint of the first 13 lines of p. 345 which is bound in with the original cover at the end of the volume. The hand-colored plates by J. G. Keulemans are very fine. The present copy contains the original and second subscription lists as well as the three original covers which are bound in at the end of the volume. The volume in hand belonged to the naturalist C. H. Marshall, he being one of the original subscribers.
- 1880-[1?]. A history of the birds of Ceylon. 4to. pp. xvi+1,237+4. *front.* (map col.). 34 pl. (col.). 1 pl. (diagr.). 11 woodcuts (32 figs.). *T. of c.* 3 append. 2 indexes.
London.
This is a second edition containing a third appendix, which does not appear in the first issue. This appendix was published as an after-note with the second issue of the book, Feb. 1881. The original list of subscribers does not appear in this issue, only the second one. Only one cover is bound in at the end of this volume dated 1880, and giving the contents of the whole book, so that possibly it was the only one issued with this second printing.
- LE GRAND, ANTOINE** [17th cent.].
1673. Historia Naturæ, Variis Experimentis & Ratiociniis Elucidata. Secundum Principia Stabilita In Institutione Philosophiæ Edita ab eodem Authore. 8vo. pp. 22+4+15.
Londini.
From the library of Sir Joseph Copley. The rare first edition (on natural history) not listed in the *Cat. Br. Mus. (Nat. Hist.)*. See also ANTONIUS LE GRAND.
- LEGUAT, FRANÇOIS** [1637-1735].
1708. Voyage et Aventures en deux Isles desertes des Indes orientales. 2 vols. *illustr.*
London.
Among other figures is a drawing of the Dodo, from Mauritius.
1891. Voyage to Rodriguez, Mauritius, etc. 2 vols. *illustr.*
London.
Translation of the original French treatise with all the maps, figures &c., carefully reproduced by the Hakluyt Society.
- LEHMANN, OSKAR.**
1895. Unsere Vögel. 8vo. pp. 12+100. 12 col. pl. 200 figs.
Stuttgart.
- LEICESTER LITERARY AND PHILOSOPHICAL SOCIETY.**
1835. Transactions.
1879. Transactions.
1879/80. Transactions.
1886-date. Transactions.
- LEIDEN.** See LEYDEN.
- LEIDY, JOSEPH** [1823-91].
1852. Description of . . . extinct mammalia and chelonia . . . in Nebraska, etc. 4to. (Wanting.)
Washington.
One of the first paleontological works of this noted naturalist.
1852. See UNITED STATES. GEOL. SURVEY, WISCONSIN, etc.
- [1853]. The ancient fauna of Nebraska. A description of remains of extinct mammalia and chelonia from the *mauvaises terres* of Nebraska. *folio.* pp. 126. (Author's excerpt from *Smithsonian Contributions to Knowledge*.) *Washington.*
- [1873]. Contributions to the extinct vertebrate fauna of the western territories. *folio.* pp. 358. See also UNITED STATES. SURVEY TERRITORIES.

8/- Famous Physicists /

→ Le Messurier, A. 1888. Game, shore, and water birds of India. 8 vo. 121
illus.

→ Lumbrye, Juan. 1850. Aves de la isla de Cuba. 4 to. 20 pls. Havana. [Original ed.]

LEIGH, CHARLES [1662-?1701].

1700. The natural history of Lancashire, Cheshire, and the Peak, in Derbyshire. 3 vols. 4to. pp. (22) + 112 + (35). 24 pl. 1 map. (col. fold.). index. Oxford.

LEIPZIG. Archiv für die systematische Naturgeschichte. 1804. See ARCHIV . . . LEIPZIG.

LEIPZIG. Beitrage z. Naturkunde. Kiel. 1805-10.

LEIPZIG.

1755-1922. Sitzungsberichte der Naturforsch. Gesellschaft zu Leipzig. Jahrg. 1-48.

LEIPZIGER MAGAZIN Z. NATURKUNDE, etc. Leske u. Hindenberg. Leipzig. 1784. Jahrg.

LEISLER, JOHANN PHIL. ACHILLES.

1811-15. Nachträge zu Bechsteins Naturgeschichte Deutschlands. 2 pts. 8vo. col. front. Heft I = pp. 12 + 99 + 1. 1 col. pl. Hanau.

This is a rare but important item for zoologists. The Library copy (Erstes Heft) was secured for the Compiler by Dr. C. W. Richmond. There is a complete issue in the library of the London Zoological Society but none in the larger collections of the British Museum. The second part (on bats) was issued four years after the first.

LELAND, CHARLES GODFREY [1824-1903].

1864. Legends of the birds. 8vo. pp. (4) + 46. 16 figs. (12 col.). Philadelphia.

Curious legends of birds, in verse, with explanatory footnotes. There are colored illustrations, about 1½ inches square, pasted in the centre of floral designs occupying a whole page. The book is very scarce.

LELAND STANFORD UNIVERSITY. Contributions from the Hopkins Marine Laboratory.

1895-1904. Nos. 1-32. (Mostly on Fishes and Flora.) (All pub.)

LEMAIRE, C. L.

1836. Bibliothèque zoologique. Histoire naturelle des oiseaux exotiques. 8vo. Paris.

Actually the first edition; the second was published in 1837 with a change of title.

[1837]. Histoire naturelle des oiseaux d'Europe. Première partie. Passereaux. 8vo. pp. (4) + 203. 80 pl. (col.). 1 fig. (col.). T. of c. Paris.

Passerine Birds of Europe, drawn from nature by Panquet.

LE MAOUT, EMMANUEL, i.e. JEAN EMMANUEL MARIE [1800-77].

1853. Histoire naturelle des oiseaux, suivant la classification de M. Isidore Geoffroy-Saint-Hilaire. 4to. pp. 48 + 425. 35 col. pl. figs. in text. Paris.

An excellent, comprehensive account of the birds of the world, with a description of selected species and tables for the recognition of orders, families, and genera and sub-genera. This work is very rare.

1855. Histoire naturelle des oiseaux. 2nd ed. 4to. pp. (2) + xlvi + 425 + (3). front. 34 pl. (15 col.). 504 figs. T. of c. index. Paris.

LEMBEYE, JUAN.

1902. Aves de la isla de Cuba. 4to. pp. 136 + 4. 20 pl. index. Berlin.

This is a facsimile copy of the original (1850) edition—a very rare treatise on the birds of Cuba with an account of their distribution, synonymies, characteristics, &c. The index gives both the vernacular and zoological names. Eighteen of the 20 plates, copied from Audubon, were colored.

LEMBKE (OR LEMBCKE), GEORG.

[1800]-17. Teutsche Ornithologie. See BORKHAUSEN, M. B. and others.

LE MESSURIER, AUGUSTUS [1837-].

1904. Game, shore, and water birds of India. 4th ed. 8vo. pp. xvi + 323. 29 pl. (col.). 8 diagr. 180 figs. 5 tab. index. London.

The first edition was privately printed and issued in 1874, the second in 1878, and the third in 1887.

The present copy has been augmented by 30 colored plates by various artists.

LEMETTEIL, E.

1874. Catalogue raisonné ou histoire descriptive et méthodique des Oiseaux de la Seine-Inférieure. 2 vols. illust. Rouen.

A very rare treatise on the birds of Northern France. Not listed in the *Cat. Br. Mus. (Nat. Hist.)*.

LE MOINE, JAMES MACPHERSON [1825-1912].

1860. Ornithologie du Canada. D'après la nomenclature de Baird. 2 vols. 12mo. (Cover title, Les oiseaux du Canada.) Vol. I (Pt. I), pp. iii + 100 + 2. Vol. II (Pt. II), pp. 10 + 398. Québec.

There are two practically identical editions of this early and important, systematic work on the birds of Canada. The first edition was published in April 1860, the second printing in May 1861. Various covers and cover titles were indiscriminately employed for the two parts (or volumes) of the several copies in the E.S.W. Library. These are: *Histoire Naturelle du Canada. Les Oiseaux; Ornithologie du Canada*, and *Les Oiseaux du Canada*. Sometimes these covers bear the number of the edition, part, and date of issue; sometimes one or all is missing. One of the volumes is an autographed presentation copy from the author.

1861. Ornithologie du Canada. 2 vols. 12mo. pp. 4 + 6 + 398. Québec.

Issued in May 1861, and practically identical with the *editio princeps* of 1860.

1863-4. Maple Leaves, etc. 1st and 2nd Series. 2 vols. in 1. 8vo. Québec.

1864. Tableau synoptique de l'ornithologie du Canada; classification et nomenclature du 'Smithsonian Institution' de Washington. 12mo. pp. 24. Québec.

A very rare little pamphlet that gives a list of 250 Canadian birds (with their native names), mostly compiled from the Smithsonian Report, 1858. This useful work, fundamental in character, is not listed in any of the larger catalogues. The finest copy is in the National Museum at Ottawa, and another in the E.S.W. Library; none in the *Cat. Br. Mus. (Nat. Hist.)*, nor in the library of the Smithsonian Institution at Washington. The Director of the Canadian National Museum kindly presented the E.S.W. Library with an excellent photostat of Le Moine's very rare tractate.

1866. The birds of Canada. A popular lecture, delivered before the Literary and Historical Society of Quebec, April 25th, 1866. Reprinted from the Transactions of the Society. 8vo. pp. 27 + 29-32 + 33-4. front. Québec.

1892. The birds of Quebec. 8vo. pp. 8. (Canadian Record of Science, 1892.)

Contains lists of Lower Canadian birds.

LEMOINE, VICTOR [d. 1897].

1878-81. Recherches sur les oiseaux fossiles des terrains tertiaires inférieurs des environs de Reims. 2 pts. 4to. Pt. II, pp. (4) + 75-170. 6 pl. (fold.). Reims.

LE MOS, PEDRO JOSEPH [1882-].

c. 1920. The bird in art. 5th ed. 4to. pp. [4]. 16 pl. Worcester, Mass.

The Compiler has gathered materials for a companion volume—now in MS. form—*Bird Portraits in Ancient and Medieval Art*—for the E.S.W. Library.

- LENINGRAD.** See AKADEMIIA NAUK.
- LENINGRADSKOE OBSHCHESTVO ESTESTVOISPYTATELEĪ.** (St. Petersburg Society of Naturalists.)
1870–date. Trudy. See also VĪESTNIK ESTESTVOZNAŅĪĀ.
- LENZ, FRIEDRICH** [1889–].
1928. Einführung in die Biologie der Süßwasserseen. 8vo. pp. 8+221. *illustr.* Berlin.
- LENZ, HARALD OTHMAR** [1799–1870].
1838–43. Gemeinnützige Naturgeschichte. 4 vols. 8vo. *Gotha.*
The library copies of this semi-popular natural history are made up of two volumes of the 1838 edition and two volumes dated 1843. Another set is in five volumes, the mammals from the sixth edition 1884, and the birds from the fifth edition, 1875. The work, by an able naturalist, circulated extensively in Germany.
1856. Zoologie der alten Griechen und Römer. 8vo. pp. 24+656. *Gotha.*
- 1875–87. Gemeinnützige Naturgeschichte. 5th ed. 5 vols. 8vo. *pl.*
Vol. 1. Säugetiere. 2. Vögel. 3. Reptilien, Amphibien, Fische und wirbellosen Thiere. 4. Pflanzenreich. 5. Mineralreich.
Vol. 1, 6th ed.
Also, in the E.S.W. Library, is a separately published volume (2) on the Birds, dated 1875.
- LEONARD, HENRY C.**
1873. Pigeon Cove and vicinity. 12mo. pp. viii+193. 30 *figs.* T. of c. *Boston.*
An animal story of Pigeon Cove, Cape Ann, New England.
- LEONARD, JOHN LYNN.**
1924. First aid to animals. 8vo. pp. x+396. 37 *figs.* T. of c. *index.* *New York.*
This useful and interesting and easily understood work is written for the layman, not the veterinarian.
- LEOPOLDINISCH-CAROLINISCHE DEUT. AKAD. D. NATURFORSCHER.**
1859–1923. Leopoldina. *Jena and Halle.*
1926–date. Leopoldina. *Leipzig.*
1757–date. Nova Acta.
- LÉOTAUD, ANTOINE** [1814–67].
1866. Oiseaux de l'île de la Trinidad (Antilles). 8vo. pp. 20+560. *illustr.* *Port d'Espagne.*
This carefully prepared and valuable treatise (published by national subscription) on the birds of Trinidad is the earliest general work on the fauna of the island. Dr. Léotaud describes 294 avian species, giving in all cases their zoological and vulgar names.
- LEPEKHIN, IVAN IVANOVICH** [1737?–1802].
1774–83. Tagebuch der Reise durch verschiedene Provinzen des Russischen Reiches in den Jahren 1768–1771; aus dem Russischen übersetzt von M. C. H. Hase. 3 vols. 4to. *illustr.* *pl.* *Allenburg.*
References to birds are scattered through the work. For example, on p. 221, the medium-sized Kassarka is identified with the Canada Goose, but the figure of it on plate 9 (part 3) shows it to be another species.
- LE ROI, OTTO.**
[1906]. Die Vogelfauna der Rheinprovinz. 8vo. pp. 323. *index.* *Bonn.*
A separately issued, systematic account of 284 avian species frequenting the Rhine area. Both the vernacular and zoological names are given, with the natural history and other descriptive data, a valuable contribution to our knowledge of the subject. From the library of Prof. Reichenow. This author also wrote under the Teutonic name of König, A. F. (q.v.).
- **** and **GEYR VON SCHWEPPEBURG, HANS.**
1912. Beiträge zur Ornithologie der Rheinprovinz. Erster Nachtrag zur 'Vogelfauna der Rheinprovinz'. 8vo. pp. 150. *index.* *Bonn.*
Additional notes on the birds treated in the author's *Vogelfauna der Rheinprovinz* (q.v.) with a description of some species not mentioned in that work.
- LEROY, E.**
1883. Aviculture. La perruche ondulée et autres perruches acclimatées. 2nd ed. 12mo. pp. (8)+167. 3 *pl.* T. of c. *Paris.*
1885. Aviculture. La poule pratique, par un praticien. 8vo. pp. (4)+256. 41 *figs.* T. of c. *Paris.*
1893. Chez les oiseaux. 4to. pp. viii+295. 30 *pl.* 109 *figs.* T. of c. *Paris.*
A natural history of birds, illustrated with remarkably fine woodcuts.
- LÉRY, JEAN DE** [1534–1611].
1578. Histoire d'un Voyage fait en la terre du Brésil. 8vo. pp. 71+489+15. *text-figs.* *La Rochelle.*
Many editions, in Latin, French, and German, have been published of this valuable work, in which South American animals are frequently described. The above is the *editio princeps*, a very rare printing, not listed in the *Cat. Br. Mus. (Nat. History)*. A fifth French edition was published in Geneva in 1611.
- LESCUYER, JEAN FRANÇOIS** [1838–].
1885. Noms et classification des oiseaux de la vallée de la Marne. 2 *pts.* 8vo. pp. 28. *fold. map.* *Saint-Dizier.*
A local list of useful proportions. The folding map is intended to be hung up for ready reference.
- LESCUYER, M. F.**
1876. Oiseaux de passage et tendues. 8vo. pp. 116. T. of c. *Paris.*
A brochure dealing with the various French laws regulating bird-hunting and their effect upon indigenous and visitant bird life in France and elsewhere. The copy in hand was presented to Milne Edwards by the author.
- LESLIE, A. STEWART** [1870–1925].
1912. The Grouse in Health and Disease. Popular ed. 8vo. *London.*
- LESLIE, GEO. D.** [1835–].
1893. Letters to Marco. 8vo. pp. 18+260. *London.*
Charming letters, à la Gilbert White, to an old college friend on natural history subjects.
- LE SOUËF, A. S. and BURRELL, HARRY.**
1926. Wild Animals of Australasia, etc. 8vo. *illustr.* *London.*
This interesting work embraces a study of the *Mammals of New Guinea and the Nearer Pacific Islands*, with a chapter on the Bats of Australia and New Guinea by E. Le G. Troughton.
- LE SOUËF, WILLIAM HENRY DUDLEY.**
1907. Wild Life in Australia. 8vo. pp. 15+439. 2 *col. pl.* *figs. in text.* 1 *portr.* *Christchurch, N.Z.*
A very attractive account of the zoology and other departments of natural history.
- **** and **LUCAS, A. H. S.**
1911. (The) birds of Australia, &c. See LUCAS, A. H. S. and LE SOUËF, W. H. D.
1922. Official guide to the gardens of the Royal Zoological and Acclimatisation Society of Victoria. 8vo. pp. 51. *front. plan (fold.)*. 36 *figs.* *Melbourne.*

Peroy, E. 1875. Oviculture. Faisans, perdrix, colins. Initiation à l'élevage. 2^d ed. Paris.

← Säugetiere /

Peroy, E. 1892. Timbuktu, Reise durch Marokko, die Sahara und den Sudan, in den Jahren 1879 und 1880. 2^d ed. 2 v. 8 v. 57 pls. 9 maps.

Opold, Aldo. 1931. Report on Game Survey No. Central States. Madison.

← n.d. Game Management. 8 v. 1/2 v. ^{xxii + 481;} 36 illust.

→ 1842. Mœurs, instincts et singularités de la vie des animaux
mammifères. 294 pp. Paris.

→ Le Vaillant. 1780-85. Voyage de M. de Vaillant dans -- l'Afrique,
5m. 8 Vo. Nouvelle Edition. Jones.

→ Le Vaillant. 1790. (Travels in Africa, 1780-85, Transl. Vol. 1. 8 Vo
1790. → premier & second. 1/2 p. 1790 Lausanne. 2 Vols.

LESSON, RENÉ PRIMEVÈRE [1794-1849].

1826-39. See VOYAGES, FRENCH. VOYAGE AUTOUR DU MONDE . . . SUR LA COQUILLE, 1822-5.

1827. Manuel de Mammalogie, etc. 12mo. pp. 15 + 441. Paris.

In this volume the versatile author describes briefly most of the species of the mammalian orders.

1828. Manuel d'ornithologie, ou Description des genres et des principales espèces d'oiseaux. 2 vols. 18mo. Vol. I, pp. iv + 421. Vol. II, pp. 448. Paris.

An important, concise little work describing the genera and species of birds of the world, with a review of previous systems of classification. An atlas of 129 plates was published to accompany this treatise. The present volumes are from the library of Prof. Cabanis and bear his autograph.

1828-37. Histoire naturelle générale et particulière des mammifères et des oiseaux découverts depuis 1788 jusqu'à nos jours. 11 vols. 8vo. pl. Paris.

CONTENTS. Vol. 1. Cétacés. 2-3. Races humaines. 4-5. Mammifères. 6-9. Oiseaux. 10. Oiseaux et mammifères. 11. Planches.

1829-33. Histoire naturelle des oiseaux-mouches. 8vo. pp. 46 + 223. 86 col. pl. T. of c. Paris.

This fundamental classic is one of a well-known series of volumes on humming-birds by the same author. See *Histoire Naturelle des Colibris*, 1830, and *Les Trochilidées*, 1832. The present copy was issued at varying intervals in 17 parts. The final plates show anatomical details of some birds, and pictures of their nests.

1830-1. Traité d'Ornithologie, ou Tableau méthodique, etc. 8vo. pp. 32 + 659. 119 col. pl. Paris.

An important work because it furnishes the author's opinions on avian nomenclature and classification and gives illustrated tables of the orders, sub-orders, families, tribes, genera, sub-genera and races of birds. It appeared in eight parts, the first four during 1830 and the rest in 1831.

1830-2. Histoire naturelle des colibris, suivie d'un supplément à l'histoire naturelle des oiseaux-mouches. 13 (? 14) pls. 8vo. pp. 10 + 196. 66 col. pl. index. Paris.

This fundamental and well-known classic treatise on humming-birds was issued in parts and in four printings varying as to quality of paper, character of type, and coloring of the plates. The monograph is, in fact, a continuation or second volume of the writer's *Histoire Naturelle des Oiseaux-Mouches*.

The *Cat. Br. Mus. (Nat. Hist.)* gives the following dates of issue: Livraisons 1-3, 1830; 4-12, 1831; 13, 1832. In the E.S.W. Library is a very rare, complete, tall paper copy (one volume) of which the type has been entirely reset. Another copy, from the Godman Library, has the original wrappers bound in. On the last wrapper it states that the first part was issued in Oct. 1830; on the cover (in script) is the note '14e Livraison'; but it is a question whether a 14th part was ever published. The work was reissued in 1847.

1830-2. Centurie Zoologique, etc. 8vo. 80 col. pl. Paris.

This fine example of colored atlas was published in *livraisons* between March 1830 and May 1832. It is a descriptive collection of drawings of rare animals by the artist Prêtre.

1831-4. See VOYAGES, FRENCH; AUX INDES-ORIENTALES.

[1832-5]. Illustrations de Zoologie, etc. 8vo. 60 col. pl. Issued in 20 *livraisons*, with descriptive letterpress. Paris.

1832-3. Les Trochilidées; ou, Les colibris et les oiseaux-mouches, suivis d'un index général. 8vo. pp. 44 + 171. 66 col. pl. Paris.

A classic work on humming-birds, issued in 14 parts. This volume (really the third of the author's extensive *Histoire Naturelle des Oiseaux*) includes a brief, systematic catalogue of 110 species. The copy in hand is from the Godman Library.

1835. Histoire naturelle des oiseaux de paradis et des épimaques. 2 vols. 8vo. pp. 41 + 248. 43 col. pl. Paris.

A classic monograph, published in *livraisons*, on the Birds of Paradise. The best annotation is that of Zimmer (*Ayer Cat.*, p. 390).

1837. See BOUGAINVILLE, Baron DE, 'Thétis and Esperance'.

1842. Nouveau Tableau du Règne Animal . . . Mammifères. 4to. pp. 204. (Wanting.) Paris.

In this list the author gives his ideas on classification and nomenclature of mammalia.

**** and MÉNÉGAUX, A., ed.

1913. Articles d'ornithologie de R.-P. Lesson . . . parus dans l'Écho du monde savant de 1842 à 1845. 8vo. pp. 280. front. (portr.). T. of c. Paris.

LESSONA, MICHELE.

? 1890-2. Storia naturale illustrata. 4 vols. 4to. 2 vols. Uccelli. 1 vol. rettili—anfibi—pesci. 1 vol. invertebrati. About 900 pp. and 50 pl. in each vol. many figs. in text. indexes. Milano.

One of the most comprehensive popular treatises in the Italian language.

LETTERS OF INFORMATION. Organ of the Nebraska Ornithologists' Union.

LETTERS. Manuscript and typescripts of zoologists. See ZOOLOGISTS, MANUSCRIPT AND TYPESCRIPT LETTERS OF.

LETTSON, JOHN COAKLEY [1744-1815].

1772. The Naturalist's and Traveller's Companion, etc. 8vo. London.

Dealing chiefly with zoology and other departments of natural history. An extra (colored) plate is inserted in a copy from the Osler Library.

LEUCKART, FRIEDRICH SIGISMUND [1794-1843].

1832. Allgemeine Einleitung in die Naturgeschichte. 8vo. pp. 130. 2 col. pl. Stuttgart.

The first volume of G. W. Bischoff's *Naturgeschichte der drei Reiche*. The celebrated family of Leuckart naturalists confined their investigations of zoology almost entirely to invertebrates.

LEUNIS, JOHANNES [1802-73].

1860. Synopsis der Naturgesch. des Thierreichs. 8vo. pp. 66 + 1,014. 1,000 figs. Hannover.

Second edition of a useful and profusely illustrated work frequently reprinted. The first edition was published in 1844.

1861. Schul-naturgeschichte. 3 vols. in 1. 8vo. illust. Hannover

**** and **LUDWIG, HUBERT.**

1883-6. Dr. Johannes Leunis Synopsis der Tierkunde. Ein Handbuch für höhere Lehranstalten, etc. Dritte Auflage, von Hubert Ludwig. 2 vols. 8vo.

Vol. I, pp. xiv + 1,083. 955 woodcuts in the text. index. Hannover, 1883.

Vol. II, pp. xvi + 1,231. 1,160 figs. in text. index. Hannover, 1886.

LEVAILLANT (LE VAILLANT), FRANÇOIS [1753-1824].

1790. Travels from the Cape of Good Hope into the interior of Africa, etc. From the French by Elizabeth Helme. 2 vols. 8vo. Vol. I, pp. xii + 395. 4 pl. (2 fold.). Vol. II, pp. (2) + 404. 5 pl. London.

An account of the author's experiences amongst the natives of Africa. There are many references to birds, afterwards used in his *Histoire naturelle des Oiseaux d'Afrique*.

[LEVAILLANT, F. (contd.)]

(1794) An III. Second Voyage dans l'Intérieur de l'Afrique, par le Cap de Bonne-Espérance 1783-85. 3 vols. Paris.

From the Republican date it would appear from this copy that there was a French edition published in 1794, and not during 1795 (An IV). If so the *Cat. Br. Mus. (Nat. Hist.)* does not list it.

(1795) An IV. Second voyage dans l'intérieur de l'Afrique, par le cap de Bonne-Espérance, dans les années 1783, 84 et 85. 2 vols. 4to. 13 pl. Paris.

1796. New travels into the interior parts of Africa, by the way of the Cape of Good Hope, in the years 1783, 84 and 85. Vol. I, pp. 50+(20)+288. 5 pl. 1 map (fold.). Vol. II, pp. 383. 8 pl. (2 fold.). Vol. III, pp. 488. 9 pl. London.

1797. See BECHSTEIN, JOHANN MATTHÄUS.

1798. Voyage dans l'intérieur de l'Afrique par le Cap de Bonne-Espérance. Nouvelle édition. 2 vols. 8vo. illust. Paris.

1801-5. Histoire naturelle des perroquets. 2 vols. folio. col. pl. Paris.

A famous fundamental treatise on Parrots, to which two supplements afterwards appeared. See BOURJOT SAINT-HILAIRE and DE SOUTANCÉ. This monograph appeared irregularly in 24 *livraisons*; Nos. 1 and 2 in 1801; 4-8, 1802; 10-16, 1803; 17-20, 1804; 22-4, 1805.

The chief value of this monumental work lies in its fine hand-colored plates; there is not much to be learned, in a systematic sense, from the sparse descriptions. Briefly we find: Tome premier, An IX (1801). pp. 8+135+2. 72 col. pl. T. of c. Tome second, An XIII (1805). pp. 4+112+2. 73 col. pl. T. of c. The present copy is bound as three volumes, with Bourjot Saint-Hilaire's monograph as the third volume.

1805-8. Histoire naturelle des oiseaux d'Afrique. 6 vols. 300 col. pl. Paris.

In this famous monograph the species are listed under their vulgar names, identification being assisted by the excellent hand-colored plates. Since the work was first issued (during 1796-1812) in 51 parts, it has been several times reprinted, and particular copies may be a compound of several printings, and often are incomplete. From a scientific standpoint the treatise is not very valuable nor is it always reliable.

Zimmer (*Ayer Cat.*, p. 391) gives a good review of the six volumes. The copy in hand is a fine specimen of bookmaking, from the Clifton Library. A brief collation of it is as follows: Vol. I. 1805 (An XIII). pp. xii+127+2. 49 col. pl. T. of c. Vol. II. 1805 (An XIII). pp. 148+[3]. 48 col. pl. T. of c. Pl. 65; frontispiece. Vol. III. 1806 (An XIV). pp. [2]+144+[3]. 53 col. pl. T. of c. Pl. 142 as front. Vol. IV. 1805 (An XIII). pp. 104. 49 pl. (48 col.). T. of c. Pl. 164 as front. Vol. V. 1806 (An XIV). pp. 124. 48 col. pl. T. of c. Pl. 210 as front. Vol. VI. 1808. pp. 132. 53 col. pl. T. of c. Pl. 280 as front.

1806. Histoire naturelle des oiseaux de paradis et des rolliers, suivie de celle des toucans et des barbus. 2 vols. folio. col. illust. Paris.

This magnificent work was issued in 19 *livraisons*. The *Cat. Br. Mus. (Nat. Hist.)* gives the dates of issue as: Liv. 1-2, 1801; 3-5, 1802; 6-12, 1803; 13-14, 1804; 15-19, doubtful. The volume, *Histoire Nat. des Promerops et des Guépriers* (q.v.) was subsequently issued as *Livraisons* 20-33. Collation of the two vols. is: Vol. I. 1806. Large folio. pp. [2]+153+2. 56 col. pl. (2 folding); 56 dup. pl. uncolored. index. Vol. II. 1806. large folio. pp. 1+133+4. 58 col. and 58 dup. uncol. pl. index.

1807. Histoire naturelle des promerops, et des guépriers; faisant suite à celle des oiseaux de paradis. 3 vols. folio. 83 col. pl. Paris.

An important ornithological classic that may be regarded as supplementary to the author's *Histoire Naturelle des Oiseaux de Paradis et des Rolliers*, 1806, as it was issued in 14 numbered *livraisons* (20-33) continuation of the 19 parts assigned to the former work. Furthermore, the index of the present work is 'Du Troisième volume', and includes a list of plates of rollers, barbets, and jacamars as an 'addition aux deux premiers volumes'. Following is a collation of the three parts into which the above volume is divided: Vol. (part) I. Promerops. pp. [3]+81. 31 col. pl. Vol. (part) II. Guépriers. pp. 1+67. 21 col. pl. Vol. (part) III. Courocous et turacous. pp. 52+2. 31 col. pl. (11 in supplement). supplement. index to whole work.

1837-8. Histoire naturelle des perroquets . . . Troisième volume (supplémentaire) pour faire suite aux deux volumes de Levaillant par. See SAINT-HILAIRE, A. B.

LEVENDE NATUUR. 1897-date? Amsterdam.

LEVER, A. See SHAW, G., 1792-6. Museum Leverianum.

LEVERKHÜN, PAUL.

1889. Ein Flug durch die Schweiz; offener Brief an seine Freunde. 8vo. pp. 24. Stettin.

Most of the titles by this important zoologist are represented in the E.S.W. Library and other McGill collections by separately bound author's reprints. Only the more important of these *opuscula* are listed here.

1891. Fremde Eier im Nest; ein Beitrag zur Biologie der Vögel. 8vo. pp. [12]+212. Berlin.

1891. Ornithologisches aus Lichtenbergs Werken. 8vo. pp. 31.

n.d. Literarisches. 3 vols. 8vo.

A large number of tractates on ornithologic subjects.

LEVESON, HENRY ASTBURG [1828-75].

1883. The hunting grounds of the old world, by 'the Old Shekarry' [pseud.]. 12mo. pp. xiv+498. 7 pl. T. of c. London.

Of the thousands of harmless and defenceless animals slain by this 'sportsman' a few are put to some useful purpose by a description of their appearance and habits.

LEVICK, GEORGE MURRAY.

[1915]. Antarctic penguins; a study of their social habits. 8vo. pp. x+140. 55 pl. (figs. 1-74). T. of c. append. London.

An exhaustive and interesting account of the life and habits of the Adelie Penguin (*Pygoscelis adeliae*), and other penguins.

LEWER, S. H.

1910. Canaries, hybrids and British birds in cage and aviary. See ROBSON, JOHN.

LEWES, GEORGE HENRY [1817-78].

1859-60. The physiology of common life. 2 vols. 12mo. Vol. I, pp. ix+455. 33 figs. T. of c. Vol. II, pp. viii+485. 36 figs. T. of c. index. Edinburgh.

1862. Studies in animal life. 8vo. pp. 8+196. illust. pl. London.

LEWIN, JOHN WILLIAM [fl. 1804-20].

1808. (Birds of New Holland, with their Natural History . . . painted after nature by J. W. Lewin.) Edited, with a Preface, by T. Lewin. folio. 18 col. pl. with descriptive text. (Wanting.)

This rare volume seems to have been the first edition of the author's first treatise on Birds of New South Wales of which numerous printings and reissues exist. The 1838 edition, edited by T. C. Eyton, is the best, with the plates most carefully (hand)-colored.

1838. A natural history of the birds of New South Wales, collected, engraved, and faithfully painted after nature. New and improved ed. folio. pp. 36. 26 col. pl. London.

The fourth edition of the early and rare *Birds of New Holland*, and quite the same as that work except that a list of vulgar and systematic names has been added for each species, and that the plates are better colored. The copy in hand was collated by Bernard Quaritch and found perfect.

Sevaillant, F.

Histoire naturelle d'une partie d'oiseaux nouveaux et
rares de l'Amérique.

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1822. A natural history of the birds of New South Wales, collected, engraved
and faithfully painted after nature. 26 col. plates by hand.
London.

→ Leydig, 1860. Naturgeschichte d. Daphniden. 10 pl. Tübingen. ^{→ chiefest L}

→ Lewis, Ethelreda. u. d. Trader Horn. 8vo. pp. 201. New York.

LEWIN, WILLIAM [d. 1795].

[1785]. British birds' eggs painted from the Portland museum. 4to. pp. (1)+(97). 90 original col. drawings. index. London.

Ninety original water-color drawings depicting 145 eggs. The figures agree mainly with those issued in the first edition of the author's *British Birds*, but seem to have been executed with still greater care, and must have been painted before 1786, as the contents of the Portland Museum were sold in April of that year. Probably a unique set, the title, descriptions, and index being in the handwriting of Lewin.

1789-94. The birds of Great-Britain with their eggs, accurately figured. 7 vols. folio. 323 col. pl. London.

Each volume in this copy has a separate title. They form the first edition of a well-known treatise. The descriptive text is given only in English, unlike the second printing (1795) which appeared in both French and English. The hand-colored plates vary much in quality; some are crude but others are clear and well made. Briefly collated, the seven volumes exhibit: vol. I, 1789, 51 col. pl.; vol. II, 1790, 51 col. pl.; vol. III, 1791, 46 col. pl.; vol. IV, 1792, 48 col. pl.; vol. V, 1792, 45 col. pl.; vol. VI, 1793, 45 col. pl.; vol. VII, 1794, 37 col. pl.

1796-1801. (The) birds of Great Britain, systematically arranged, accurately engraved and painted from nature; with descriptions, including the natural history of each bird. 8 vols. 4to. 336 col. pl. indexes. Half-title: The Birds of Great Britain and their eggs. London.

The second edition of the folio printing that appeared in 1789-94 (q.v.). It has two title-pages (in French and German), and the bilingual text gives a short description of the pictured birds. As in the first edition some of the plates are crudely reproduced. The dates on title-pages and number of plates in each volume of the copy in hand are as follows: vol. I, 1800, 42 col. pl.; vol. II, 1796, 42 col. pl.; vol. III, 1796, 42 col. pl.; vol. IV, 1797, 42 col. pl.; vol. V, 1797, 42 col. pl.; vol. VI, 1800, 42 col. pl.; vol. VII, 1800, 42 col. pl.; vol. VIII, 1801, 42 col. pl.

LEWIS, ELISHA J.

1871. The American Sportsman, etc. 8vo. pp. 510. Philadelphia.

One of numerous editions, the first appearing in 1855, and the fourth in 1885.

LEWIS, GRACE ANNA.

[1868]. Natural history of birds. Lectures on ornithology in ten parts. 12mo. pp. 32. Pt. 1 (all pub.?). Philadelphia.

The Compiler has not seen more than the (rare) first part of these lectures, written in popular style.

LEWIS, HARRISON FLINT.

1929. The natural history of the double-crested cormorant (*Phalacrocorax auritus auritus* [Lesson]). 8vo. pp. (4)+94. 14 figs. (2 maps). T. of c. bibliogr. Ottawa.

A monograph on an interesting bird, containing much that is new of its life-history.

LEWIS, JOHN.

1911-13. The British bird book, &c. See KIRKMAN, F. B. B.

LEWIS, J. SPEDAN.

[1929]. Dispersal of [his] private collection of live birds. 4to. pp. 15. London.

This Catalogue contains the number, names, and prices of the birds in the various aviaries belonging to the writer. The collection is principally made up of species from New Guinea, Borneo, East Asia, and Africa, and the prices affixed give a good indication of their market value in 1929. Both vernacular and systematic names are given.

LEWIS, MERIWETHER [1774-1809] and **CLARK, W.**

1893. History of the Expedition under the Command of Captains Lewis and Clark to the Sources

of the Missouri, etc., during 1804-6. 4 vols. 8vo. *New York.*
illustr.

The original account of this famous expedition, much of its energies devoted to the natural history of the parts visited, was published in Philadelphia in 1814. E. Coues wrote an introduction to the edition in hand.

LEY, WILLY.

1929. Konrad Gesner; Leben und Werk. 8vo. pp. 8+154. *portr. illustr.* München.

LEYBOLD, FEDERICO [1827-79].

1873. Escursión a las pampas argentinas; hojas de mi diario. 8vo. pp. 107. *map.* Santiago.

Contribution to the natural history of the Andes.

LEYDEN. Rijks Museum van Natuurlijke historie. See also LEIDEN.

1879-1914. Notes.

1915-date. Zoologische Mededeelingen.

LEYDEN UNIVERSITY. A catalogue of all the choicest rarities in the publick anatomie hall of the University of Leyden. See SCHUYL, FRANCIS.**LEYDIG, FRANZ** [1821-?93].

1881. Die Augenähnlichen Organe der Fische. 8vo. pp. 100. 10 pl. Bonn.

LHERMINIER, F. J.

1827. Recherches sur l'appareil sternal des oiseaux. 8vo. pp. 96. 4 pl. (fold.). Paris.

On the sternum of birds, extracted from the sixth volume of the *Annals of the Linnaean Society of Paris*. The two subclasses are Normal and Anomalous Birds, but by a misprint they both appear as *Oiseaux normaux*, corresponding respectively to carinate and ratite birds.

LHYUD, EDWARD [1660-1709].

1760. Lithophylacii Britannici ichnographia; sive, Lapidum aliorumque fossilium Britannicorum. Editio altera. 8vo. pp. 22+156. 25 pl. text-figs. Oxonii.

LIBRARY OF MODERN SCIENCES. Edited by Edwin E. Stosson and others.

1926. Animals of land and sea. See CLARK, A. H.

(THE) LIBRARY FOR YOUNG NATURALISTS.

1909. Animals of Africa. See BRYDEN, H. A.

LICHTENSTEIN, ANTON AUGUST HEINRICH [1753-1816].

1838. Beitrag zur ornithologischen Fauna von Californien, nebst Bemerkungen über die Artkennzeichen der Pelicane und über einige Vögel von den Sandwich-Inseln. folio. pp. 35. 5 col. pl. Berlin.

A separately bound brochure from the Cabanis Library on certain birds of California and Hawaii. Colored plate I figures the California Condor.

1882. Lichtenstein's Catalogus Rerum Naturalium rarissimarum, 1793. Edited by F. du Cane Godman. 8vo. pp. iv+(xi)+60. London.

This reprint contains only the mammals and birds. See also WILLUGHBY SOCIETY.

There was, also, another reprint of this excessively rare treatise, edited the same year by Tegetmeier, the Director of the Willughby Society, but as it was found to contain many errors it was withdrawn in favor of the transcript by du Cane Godman. The Compiler has, through the courtesy of Dr. Chas. W. Richmond, a copy of the Tegetmeier reissue in the original boards. It is not known to the *Cat. Br. Mus. (Nat. Hist.)* nor to most bibliographers.

- LICHTENSTEIN, MARTIN HINRICH CARL** [1780-1857].
1816. Das Zoologische Museum der Universität zu Berlin. *8vo.* pp. 108. *plan.* Berlin.
A descriptive account of the zoological collections in the Museum of Berlin University in 1816. Birds are treated on pp. 27-65. This pamphlet is from the Cabanis-Reichenow collection.
1822. Verzeichniss von Vögeln, Conchylien und Insecten, Doubletten des zoologischer Museums hiesiger Königl. Universität. *12mo.* pp. 31. Berlin.
A list of 477 duplicates of birds and similar lists of other animal specimens in the Berlin Museum—the whole to be sold by auction.
- 1827-34. Darstellung neuer . . . Säugethiere . . . 65 Arten, etc. *4to.* pp. (118). *atlas.* 50 *col. pl.* Berlin.
The material for these drawings (colored lithographs) was taken from the Zoological Museum in Berlin of which the (text) writer was curator, and from which he issued numerous (now valuable) sale catalogues of duplicates.
1837. Verzeichniss einer Sammlung verschiedener insbesondere neuholländischer Naturalien, welche am 6ten April 1837 . . . öffentlich meist-bietend versteigert werden sollen. *8vo.* pp. 24. Berlin.
One of the author's famous auction catalogues (dated 1837) of duplicates in the Berlin Museum, including many birds. From the library of Prof. Cabanis.
1854. Nomenclator avium Musei Zoologici Berlinensis. Namenverzeichnis. *8vo.* pp. viii + 123. *index.* Berlin.
This fundamental list of birds in the Berlin Museum, essential to the study of many species, seems to have been the joint work of Lichtenstein and Cabanis. The present copy was originally part of the Cabanis-Reichenow Library. A second copy, also in the E.S.W. Library, has appended notes by P. L. Selater who writes on a fly-leaf: 'given to me by Lichtenstein at Berlin in August/54. P.L.S.'
- LICHTHAMMER, J. W. and others.**
[1800]-17. Teutsche Ornithologie. See BORKHAUSEN, M. B. and others.
- LIDÉN, A. J.**
1875. Bidrag till kändedomen om Skulderapparatens och vingens ben hos Svenska Roffoglar. *8vo.* (Upsala University thesis.) Stockholm.
- LIDTH DE JEUDE, THEODOR WILLEM VAN.**
1890-1907. See WEBER, M. C. W.
1906-30. See WICHMANN, C. E. A.
- LIEBE, KARL THEODOR** [1828-94] and **AL-LIHN, M.**
1886. Kurze Erläuterung zu der Wandtafel der wichtigsten deutschen Kleinvögel. *8vo.* pp. 36. *map* (57 *figs.*). Zeitz.
[1893]. Ornithologische Schriften; gesammelt und hrsg. von C. R. Hennicke. *8vo.* pp. 724. *portr.* *index.* Supplement. pp. 48. Leipzig.
- LIÉGE. Laboratoire d'Embryogénie et d'Anatomie Comparée.**
1875-6. Recherches.
- LI FANG** [925-96] and others.
1812. T'ai p'ing yú lan; A classified encyclopedia, including material for animals, birds, fishes, insects, worms, etc., chüan 889-951. 26 × 16.2 cm. [G.]
- LILFORD, Lord** [THOMAS LITTLETON POWYS] [1833-96].
1867. Notes on European ornithology; being four papers extracted from *The Ibis* for 1860, 1862, 1865 and 1866. *8vo.* pp. 107. 2 *col. pl.* London.
A repaged and specially bound series of articles from the Godman Library. There is no preface, but the following copy of an illuminating letter (inserted) to Osbert Salvin may well supply its place:
'My dear Salvin,—I just write a line to say that the printers have stupidly made me F.R.S. in the title-page of my notes of which I sent you a copy. This may matter very little in point of fact, but it annoys me that it should appear that I assume an honour to which I have no claim.
'Very truly yours,
'Lilford.'
- [1880]. Notes on the birds of Northamptonshire. *8vo.* pp. 113. *n.p.*
- 1885-97. Coloured figures of the birds of the British islands. [Completed by Osbert Salvin.] 7 *vols.* 4to. 421 *col. pl. portr.* London.
This truly magnificent work was issued in two practically identical editions, the copy in hand being the first printing, which was supplied to subscribers in 36 parts. A brief description of every British species accompanies the beautiful chromolithograph portraits. Part I was issued in Oct. 1885, part 36 in Jan. 1898. A brief collation is as follows: Vol. I, pp. xxxv + pp. 112, with *portr.* and 51 *pl.* Vol. II, pp. ix + pp. 120, with 54 *pl.* Vol. III, pp. ix + pp. 130, with 66 *pl.* Vol. IV, pp. ix + pp. 154, with 65 *pl.* Vol. V, pp. ix + pp. 138, with 59 *pl.* Vol. VI, pp. ix + pp. 150, with 65 *pl.* Vol. VII, pp. ix + pp. 170, with 61 *pl.*
The majority of the colored drawings are by Thorburn and Keulemans while a few are by Lodge and Foster. The work was not completed at the time of Lord Lilford's death, when it was undertaken by Osbert Salvin. An account of the dates of issue and other items of information regarding this work will be found in Hugh S. Gladstone's *Handbook to Lord Lilford's Coloured Figures of the Birds of the British Isles*.
- [c. 1891]. Birds of Spain. *8vo.* pp. 21 + (1) + (50). 1 *pl. (col., 4 figs. by A. Thorburn).* [London.]
A fragment of an unpublished work (without title-page) set up by Porter the publisher of Princes Street, London, for Lord Lilford about 1891. In an attached letter to this book dated December 15, 1911, Porter explains that Lord Lilford abandoned the idea, and gave the eight plates, which he had had reproduced, to Col. Irby, who published them in the 2nd edition of his *Ornithology of the Straits of Gibraltar*. The colored plate is a specimen for a proposed *Manual or Handbook of British Birds* to be based on Lilford's larger work, the idea being to have about 100 to 105 plates, four figures on a plate, and text expanded from Col. Irby's *Key List of British Birds*, so as to form a small but complete reference book to carry about whilst traveling. Fifty blank pages are bound in at the end of this copy for notes. This unique copy in hand is from the Mullens Library.
1895. Notes on the birds of Northamptonshire and neighbourhood. 2 *vols.* *8vo.* Vol. I, pp. xvi + 352. *front.* 16 *pl.* 31 *figs.* T. of c. Vol. II, pp. viii + (2) + 315. 7 *pl.* 13 *figs.* *map (fold.).* T. of c. *index.* London.
1903. Lord Lilford on birds; being a collection of informal and unpublished writings; ed. by A. B. R. Trevor-Battye. *4to.* pp. xviii + 312. *pl.* 12. *index.* London.
1917. Handbook to Lord Lilford's coloured figures of the birds of the British Islands. See GLADSTONE, H. S.
- LILLE, D. G.** See BR. MUS. (NAT. HIST.). 'Terra Nova', 1914-22.
- LILLE INSTITUT ZOOLOGIE.** See WIMEREUX, STATION ZOOLOGIQUE.
- LILLIE, FRANK RATTRAY** [1870-].
1908. The development of the chick; an introduction to embryology. *8vo.* pp. xi + 472. 250 *figs. (few col.).* *append. index.* New York.

Lignan Science Journal. Illust. Publication of Lignan University, Canton
In lib. only Vol. ~~x~~ nos. 1 and 2. ^{4-11 - to complete} [order] complete via Miss ^{many articles on ~~ecology~~ Aug 21/32} Hampton ^{current}

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[Naumburg]

→ Lindsey, W. L. 1879. Mind in the lower animals in health and disease. 2v. 800.

→ ~~Linnell, H. R. and others. A text book in general zoology
463 p. 1909.~~

LILLJEBORG, WILHELM [1816-?1903].

1844-5. *Observationes Zoologicae*. Pts. I-II. 4to. pp. 57. 1 pl. London.

1861-2. On Cetacea, etc. 8vo. Upsala.
Author's separate from the Upsala *Universitets Aarskrift* of even date.

1891. Sveriges och Norges fiskarne fauna. 3 vols. 8vo. pp. 2,432. illust. Upsala.
An important treatise on Swedish and Norwegian pisces, by a well recognized authority on Scandinavian fishes.

LINCOLN, FREDERICK CHARLES [1892-].

1917. The woodpeckers of Colorado. pp. 21. illust. Published by the Colorado Mountain Club.

1924. Instructions for banding birds. 8vo. pp. 28. 26 figs. T. of c. bibliogr. Washington.

1924. Returns from banded birds, 1920 to 1923. 8vo. pp. 56. 4 pl. 1 fig. map. T. of c. index. Washington.

Returns from 100 species of banded birds reported to the Biological Survey 1920-3.

1926. United States Department of Agriculture. Department circular 362. Trapping ducks for banding. 8vo. pp. 20. 18 figs. T. of c. Washington, D.C.

1930. American waterfowl. See PHILLIPS, JOHN CHARLES.

LINCOLNSHIRE NATURAL HISTORY.

1898. Notes and Queries.

LINDERMAYER, ANTOINE.

1860. Die Vögel Griechenlands. 8vo. pp. 138. index. Passau.

A supplementary study of the birds of Greece contributed to Oken's *Isis*, 1843. The synonymy, distribution, habits, &c., of Greek birds are concisely discussed. The book is rather rare.

LINDGREN, HJALMAR OSSIAN.

1876. Studier öfver däggjursägget. 8vo. pp. 2+138. pl. (Lund Universitet thesis.) Lund.

LINDNER, C.

[1914]. (Die) Brutvögel von Naumburg, Weissenfels, Zeitz und Umgegend. 8vo. pp. 38. 2 col. pl. Naumburg-a-S.

LINDSAY, B.

1895. An introduction to the study of zoology. 8vo. pp. xix+356. 124 figs. T. of c. glossary. index. London.

LINDSAY, WILLIAM LAUDER [1829-80].

1880. Mind in the Lower Animals in health and disease. 2 vols. 8vo. pp. 1,004. New York.

LING CH'ANG HUAN. 1927. See TU YA T'SIUN.

LING TI-CHIH [16th cent.].

1577. Wên hsüan chin tzü lu; A classified compendium of literary quotations on all kinds of subjects, including the animal kingdom, chüan 20 and part of chüan 21. 25 x 16.8 cm. [G.]

LINK, JOH. ANDR.

[1886-7?]. Die Vögel der Hassberge und deren Umgebung; ein Beitrag zur Vogelfauna Frankens. 8vo. pp. 38. no t.-p. n.p.

LINNAEAN ASSOCIATION, PENNSYLVANIA COLLEGE. Gellysburg.

1844-8. Literary record and journal.

LINNAEUS (LINNÉ), CAROLUS [1707-78] also **LINNÉ, KARL VON.**

1738. Petri Artedi . . . Ichthyologia . . . Opera posthuma. 8vo. Lugd. Bat.

One of the early treatises of Linnaeus, probably written while he was living in Leyden.

1743. Caroli Linnæi Oratio . . . intra Patriam. Ejusque Elenchus Animalium per Sueciam observatorum. 8vo. Appended is Gessner's *Dissertationes*. [O.] Lugd. Bat.

The Osler Library has a number of Linnean titles.

1743. An oration, etc. Tr. by Benj. Stillingfleet. Stillingfleet's *Miscellaneous Tracts*. [O.]

1746. Fauna Suecica sistens animalia Sueciae regni; quadrupedia, aves, amphibia, pisces, insecta, vermes, distributa per classes et ordines, genera et species. 12mo. pp. 25+411. pl. Stockholmiae.
This is the rare first edition.

1746. C. Linnæi . . . Fauna Svecica . . . distributa per classes, etc. 8vo. pp. 26+411. 2 pl. Stockholmiae.

A pirated reprint of the first edition.

1748. Linnæi . . . Systema Naturae, etc. Editio sexta. 8vo. pp. (29)+224. 8 pl. Stockholmiae.

1748. C. Linnæi . . . Systema Naturae, sive regna tria naturae systematice proposita per classes, ordines, genera et species. 8vo. pp. 44+224. 8 pl. Lipsiae.

This is the seventh edition of the famous classic, really a reprint of the sixth edition except that the names of the animals and minerals are given in German instead of Swedish. The epithetics alone of Linnaean literature would fill several pages. The McGill libraries appear to possess most of the essentials, including several pirated and badly printed editions of the *Systema Naturae*. In the majority of the doubtful reprintings the vertebrate have suffered less than the botanical and other sections.

1753. Museum Tessinianum, etc. folio. pp. 6+123+9. 12 pl. Holmiae.

Printed in both Latin and Swedish. The author's name is not printed on the title-page but Tessin (in the preface) asserts that the work (descriptive of the Museum contents) was that of Linnaeus.

[1758] 1894. Editio decima (Systema Naturae). Reprint of Tomus I; cura Societatis Zoologicae Germanicae iterum edita. 8vo. pp. 4+824+3. (Holmiae) Lipsiae.

1759. Caroli Linnæi . . . Animalium specierum in classes, ordines, genera, species, methodica dispositio. 8vo. pp. 2+253+3. Lugduni Batav.
One of the numerous reprints of the tenth edition.

1760. Systema Naturae. Praefatus est J. J. Langius . . . ad editionem decimam reformatam Holmiensem. 2 vols. 8vo. (Pirated ed.) Halae Magdeburgicae.

A very good pirated reprinting of vol. I, *Regnum animale*, with 830 pages and few errors. On p. 723 *Cyproea derosa* is given instead of *C. erosa*; on p. 142 *Ardea nigra* is entered as *A. igna*. Vol. II is devoted entirely to the *Regnum vegetabile*.

1766-8. Systema Naturae, etc. Editio duodecima reformatata. 3 vols. 8vo. illust. Holmiae.

Parts 1 and 2 of Vol. I are devoted to the *Regnum animale*, pp. 1,327+36. This is eminently a practical edition, facilitating the work of classifying species.

- [**LINNAEUS, C.** (*contd.*)]
- 1773-6. Des Ritters C. von Linné . . . vollständige Natursystem nach der zwölften Latinischen Aufgabe. 6 pts. and supplements, in 9 vols. 8vo. *illustr.* Nürnberg.
- There were several editions and abridgments of this German edition by P. L. S. Müller which to the present time is used as a valuable and dependable work of reference.
1776. A catalogue of the birds, beasts, fishes, insects, plants, etc. contained in Edwards's Natural History, in seven volumes, with their Latin names by Sir C. Linnaeus. *folio*. pp. 15+1. London.
- Published by Linnaeus after the death of Edwards. It was probably intended to form one of the 'seven parts'. See EDWARDS, GEORGE *Natural History*, vol. I [1743], by Robson.
- 1788-93. Systema Naturae, etc. Editio decima tertia, aucta, reformata, cura J. F. Gmelin. 3 vols. 8vo. *illustr.* Lipsiae.
- On the whole the most important of these fundamental works of reference. The student of vertebrate zoology will be interested in Tomus I, *Regnum animale*; pars 1, Mammalia, pp. 10+232, 1788; pars 2, Aves, pp. 233-1032; pars 3, Amphibia et Pisces, pp. 1033-1516—the last two parts both published in (1789). There was a reissue of this volume (and vol. III, 8vo, Lugduni) in 1789-96.
1800. Faunae Suecicae—Vertebrata—Pars prima, . . . quem recognovit, emendavit, et auxit Andreas Joannes Retzius. pp. 10+362. 1 col. pl. Lipsiae.
- The library copy of this rather scarce Linnaean is interleaved and has many MS. notes by a former owner.
1805. See PULTENEY, R.
1806. A general system of nature, through the three grand kingdoms of animals, vegetables, and minerals . . . translated [from the 13th ed.] from Gmelin, Fabricius, Willdenow, &c. . . with a life of Linné . . . and a dictionary . . . of the terms . . . of natural history, by William Turton. 7 vols. 8vo. Vol. I, pp. vii+943. *portr.* 19 pl. (*col.*) *index.* London.
1811. Lachesis Lapponica; or, A tour in Lapland. J. E. Smith, editor. 2 vols. 8vo. Vol. I, pp. xvi+366. 43 *figs.* Vol. II, pp. (2)+306. 34 *figs.* 2 *append.* *index.* London.
- Amended translation with copious notes of a Journal by Linnaeus.
1832. See BIOGRAPHY, by A. L. A. Fée.
1894. Caroli Linnæi Systema naturæ. Regnum animale. Editio decima, 1758, cura Societatis zoologicæ germanicæ iterum edita. 8vo. pp. 824. Lipsiae.
- Reprint of the tenth improved edition.
1899. An Index to the generic and trivial names of Animals . . . in the 10th and 12th editions of . . . the Systema Naturae. 8vo. pp. 8+108. Manchester.
- An indispensable contribution to Linnaean literature, by C. D. Sherborn, the well-known bibliographer.
- 1905-6. Skrifter, utgifna af Kongl. Svenska Vetenskapsakademien. 3 vols. 4to. Uppsala.
1907. C. von Linnés betydelse Såsom naturforskare och läkare, etc. 8vo. Stockholm.
- An 'appreciation' of Linnaeus as naturalist, issued by the Kongl. Svenska Vetenskapsakademien on the bi-centenary of the great man's birthday. E. Lönnberg and C. Aurivillius wrote the tribute to Linnaeus as zoologist in an essay of 80 pages.
- **** and **LÖNNBERG, EINAR.**
1907. Caroli Linnæi . . . Methodus avium sveticarum, utgifven af Einar Lönnberg. 8vo. pp. (4)+96+56. 1 pl. (*fold.*). Uppsala.
- A transcript of an unpublished manuscript by Linnaeus on the birds of Sweden, entitled, 'Methodus Avium Svecicarum', with notes by Lönnberg. The original MS. is said to have been in the form of a pocket notebook, interleaved with loose sheets containing matter of questionable date; the notebook carried a title-page bearing the date January 1, 1731.
- LINNEA.** Tidskrift for de unga. 1897-1905. (Continued as Linnean Magazine.) Minneapolis.
- LINNEAN BULLETIN.** 1884. Lancaster, Pa.
- LINNEAN MAGAZINE.** 1905-8. (Continues Linnea.) Minneapolis.
- LINNEAN SOCIETY OF LONDON.**
- 1855-*date.* Journal (Zoology).
- 1838-*date.* Proceedings.
- 1875-*date.* Transactions (Zoology).
- LINNEAN SOCIETY OF NEW SOUTH WALES.** Sydney.
- 1882?-*date.* Abstract of Proceedings.
- 1875-*date.* Proceedings.
- LINNEAN SOCIETY OF NEW YORK.**
- 1888-*date.* Abstract of Proceedings.
- 1882-4. Transactions (all pub.).
- LINNESKA SAMFUNDETS HANDLINGAR.** 1832. Stockholm.
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- LILOUVILLE, J.** See FRANCE. DEUXIÈME EXPÉDITION ANTARCTIQUE FRANÇAISE (1908-10).
- LISBON.** Academia das Sciencias. See ACADEMIA DAS SCIENCIAS DE LISBÔA.
- LISBON.** See JORNAL DAS SCIENCIAS . . . NATURAES.
- LISTE DER AUTOREN ZOOLOGISCHER ARTBEGRIFFE,** etc. 1888. See ANONYMOUS.
- LISTER, MARTIN** [? 1638-1712].
1678. Historiae Animalium Angliae tres tractatus, etc. 4to. *illustr.* London.
- Lister's first work, for a description of which see S. Wood, Martin Lister, Zoologist and Physician, *Annals of Medical History*, Jan. 1929. See BIBLIOTHECA OSLERIANA, 3246.
- LIST OF BRITISH BIRDS.**
- n.d. (? Bowdler Sharpe.) See ANONYMOUS.
- LITTLE, MALCOLM EDGEWORTH and KEMPTON, R. T.**
1929. A laboratory manual for comparative anatomy. 4to. pp. 19+286. pl. New York.
- LITTLEJOHNS, R. T. and LAWRENCE, S. A.**
1921. Bird Homes in the Bush. Sydney.
- n.d. Birds of our bush. 8vo. pp. 208. 67 *photopl.* *index.* Melbourne.
- A popular account of interesting Australian birds, illustrated with charming photographs taken by the authors. Dr. J. A. Leach has written for it a relevant introduction.
- LITTLE NATURE LIBRARY.**
1922. Birds worth knowing. See DOUBLEDAY, Mrs. NELLIE.

77 Des Ritters Carl von Linné Lehr-Buch über das Natur-
System. Nürnberg, ~~1783~~ 1781-82. 2 vols. Col. f. 18" vol.
Very Rare ^{class} [Mew] or (W)

→ Linville, H.R. and others. 1929. A Text-book of General Zoology.
pp. 463.

→ 1834. Lives of Eminent Zoologists from Aristotle to Linnaeus. 12mo. pp. 391, post.
Edinburgh. See, also, Ambr.

→ (Dooy, W.A.) 1918. The main currents of Zoology. pp. 216.

^ frucht

Baltischen

LITTLER, FRANK MERVYN.

1910. A handbook of the birds of Tasmania and its dependencies. *8vo.* pp. 18+242. 42 pl. *append. indexes.* *Launceston, Tasmania.*

Describes (and depicts many of the) 214 species. The photoplates are unusually clear and good. The permanent list of birds numbers about 114.

LIVERPOOL BIOLOGICAL SOCIETY.

1886–date. Proceedings and Transactions.

LIVERPOOL MUSEUMS. (Under City control.)

1898–1901. Bulletin.

LIVERPOOL NATURAL HISTORY SOCIETY.

1840. Report.

LIVERPOOL NATURALISTS' FIELD CLUB.

1860–date. Proceedings. *Liverpool.*

LIVERPOOL NATURALISTS' JOURNAL.

1866–8. (All pub.)

LIVERPOOL UNIVERSITY. Department of Oceanography.

1886–date. Annual Report.

1899–date. Memoirs.

LIVERPOOL UNIVERSITY. Lancashire Sea-Fisheries Laboratory.

1892–date. Report. (Wanting.)

LIVING ANIMALS OF THE WORLD, etc.

? 1927. ANONYMOUS.

LIVINGSTONE, GEORGE.

1868. British birds, their haunts and habits. *8vo.* pp. 4+282. *illustr.* *London.*

Interesting scientific observations of various British species. The identity of the anonymous writer is established by an inserted letter in a copy of the work in the W. H. Mullens Library. The book is quite rare, a small edition only having been privately printed.

LLOYD, H. E.

1824. Travels in Brazil in the years 1817–20. *See* SPIX, JOHANN B.

LLOYD, HOYES.

n.d. Canada's feathered friends. *8vo.* pp. 6. [*Ottawa.*]

A pamphlet published by the Dominion Parks Branch, Department of the Interior, giving the names and usefulness of the more common Canadian birds.

[1920?]. Protection of bird neighbours. *8vo.* pp. 8 [*Ottawa.*]

LLOYD, LLEWELYN [1792–1876].

1854. Scandinavian adventures. With some account of the northern fauna. 2 vols. *8vo.* Vol. I, pp. xxi+512. *front. (col.). 6 pl. (col., 1 map). 67 figs. T. of c. append.* Vol. II, pp. xi+546. *front. (col.). 5 pl. (col.). 35 figs. T. of c. index.* *London.*

1867. The game birds and wild fowl of Sweden and Norway; together with an account of the seals and salt-water fishes of those countries. 1st ed. *8vo.* pp. xx+599. *front. (col.). 51 pl. (47 col.). 74 figs. 1 map (fold.). T. of c. index.* *London.*

A popular account of the subject, including detailed notes on the

methods of hunting and capturing the various animals described. The greater part of the book, pp. 1–371, consists of a description of the birds, with no less than 33 of the colored and 3 of the plain plates being devoted to them also. The colored plates are chromolithographs by M. Körner, W. von Wright, and J. Wolf. A second edition appeared later in the same year.

1873. *See* ANDERSSON, CHARLES JOHN.

LOCHE, VICTOR [1806–63].

1844–67. Exploration scientifique de l'Algérie, etc. Oiseaux. *See* ALGERIA.

[1858]. Catalogue des Mammifères et des Oiseaux observés en Algérie, etc. *8vo.* pp. 11+158. *Paris.*

This work is based on observations made during the French governmental *Exploration scientifique de l'Algérie*, 1840–42, and is cited in Prince Bonaparte's *Conspectus Avium*.

1867. Histoire naturelle des Oiseaux—Mammifères. *See* EXPLORATION SCIENTIFIQUE DE L'ALGÉRIE (1858).

LOCHNER VON HUMMELSTEIN, JOHANN HEINRICH.

1716. Rariora Musei Besleriani quae olim Basilius et M. R. Besleri collegerunt. *folio.* pp. 24+112. 41 pl. *Norimbergae.*

LOCKINGTON, WILLIAM NEALE. *See* KINGSLEY, J. S., ed., 1885.

LOCKWOOD, SAMUEL. *See* KINGSLEY, J. S., ed., 1885.

LOCY, WILLIAM A.

1915. Biology and its Makers. 3rd ed. *8vo.* pp. 468. 123 *cuis. index.* *New York.*

A very useful treatise on the subject. The first edition was issued in 1908, the second in 1915.

[1925]. The Growth of Biology. Zoölogy from Cuvier. *8vo.* pp. 481. 140 *illustr. index.* *N.Y.*

A valuable aid to an understanding of the development of the science. The writer also considers other departments of biology.

LODGE, REGINALD B.

1903. Pictures of bird life. *8vo.* pp. 376. 7 pl. (*col.*). 231 *figs. index.* *London.*

An interesting account of methods and experiences in photography while hunting birds with the camera.

[1908]. Bird-hunting through wild Europe [with a camera]. *8vo.* pp. 333. 94 pl. (121 *figs.*). *T. of c. append. index.* *London.*

LOEB, JACQUES [1859–1924].

1908. Ueber den chemischen Charakter des Befruchtungsvorganges. *Leipzig.*

1918. Forced movements, tropisms, and animal conduct. *8vo.* pp. 209. *illustr.* *Philadelphia and London.*

One of this famous experimenter's treatises on animal habits and behavior.

LOEWIS, OSKAR VON.

1895. Unsere Baltische Singvögel. *8vo.* pp. 299. *Reval.*

A very good account of North European songsters, especially those of Finland and Kurland.

LOISEL, GUSTAVE [1867–].

[1907]. Rapport sur une Mission . . . les jardins d'Allemagne, du Royaume-uni, etc. 49 pl.

LOMER, GERHARD RICHARD and MACKAY, MARGARET S.

1924. Catalogue of scientific periodicals in Canadian libraries. 4to. (McGill University Publications.) Montreal.

A most helpful list for librarians, bibliographers, and advanced students.

LONDON, EDINBURGH AND DUBLIN PHILOSOPHICAL MAGAZINE AND JOURNAL OF SCIENCE. London.

1798-1826. Series 1.

1827-32. ,, 2.

1833-50. ,, 3.

1851-75. ,, 4.

1876-1900. ,, 5.

1901-25. ,, 6.

1926-date. ,, 7.

LONDON MEDICAL AND PHYSICAL JOURNAL. (Early title *Med. and Phys. Journal.*) 1799-1833.

LONDON NATURALIST. 1914-30.

This periodical publishes many notes and papers on the bird life and lore within the Metropolitan area. It is the organ of the London Natural History Society. From 1914-20 it published the *Transactions* of the Society.

LONDON SCIENCE CLASS-BOOKS.

1903. Zoology of the vertebrate animals. See MACALISTER, ALEXANDER.

LONDON ZOOLOGICAL SOCIETY.

1872-5. Revised list of the vertebrate animals now or lately living in the gardens of the Zoological society of London, [and supplement 1872-74]. 2 vols. 8vo. Vol. I, pp. iv+399. 30 figs. *T. of c. index.* Vol. II, pp. (4)+54. *T. of c. index.* London.

1896. List of the vertebrate animals now or lately living in the gardens of the Zoological society of London. 9th ed. 8vo. pp. xvi+724. 70 figs. *T. of c. index.* London.

A nearly complete catalogue of all the species of Vertebrates of which specimens have been exhibited in the Society's Menagerie during the past 34 years (1862-96). The portion relating to the class Aves will be found on pp. 216-551, with 26 illustrations, figs. Nos. 45-70. In the 1st edition (1862) the number of birds recorded was 409, in the present one it has risen to 1,676.

1902-12. Index zoologicus. An alphabetical list of names of genera and subgenera proposed for use in zoology as recorded in the 'Zoological record' 1880-1900, together with other names not included in the 'Nomenclator zoologicus' of S. H. Scudder. Comp. (for the Zoological society of London) by Charles Owen Waterhouse, and ed. by David Sharp. 8vo. pp. 12+420. London.

1929. List of the vertebrate animals exhibited in the gardens of the Zoological society of London, 1828-1927. Centenary ed. [ed. by P. C. Mitchell]. 4 vols. 8vo. London.

CONTENTS. Vol. 1. Mammals, by Maj. S. S. Fowler. 2. Birds, by G. C. Low. 3. Reptiles, by Maj. S. S. Fowler, Amphibia by M. A. Smith, Fishes by E. G. Boulenger. 4. Centenary volume.

A very useful catalogue (with notes) of the living vertebrates in the London Zoo.

n.d. The animals, etc., in the Zoological gardens; photographs from life by Frank Haes. 8 pls. in 1 portfolio. photo. London.

n.d. List of abbreviations with titles of journals containing papers dealing with matters of zoological importance. See ANONYMOUS.

LONG, JOSEPH W.

1874. American wild-fowl shooting. Describing the haunts, habits, and methods of shooting wild fowl, particularly those of the western states of America. 8vo. pp. xiv+330. 3 pl. 22 figs. *T. of c.* New York.

One of those books describing effective methods of slaughtering beautiful wild birds that the Compiler hopes will soon be as much out of date as the flintlock once used for hunting them.

LONG, WILLIAM JOSEPH [1867-].

1901. Fowls of the Air. 8vo. Boston.

1919. How animals talk, and other pleasant studies of birds and beasts. 8vo. pp. [6]+302. illust. pl. New York.

LONGCHAMPS, MICHEL EDMOND DE SELYS. See SELYS-LONGCHAMPS.

LONGHI, PAOLO.

1898. Sopra i resti di un cranio di Champsodelphis; fossile scoperto nella molassa miocenica del Bellunese. 8vo. pp. [6]+60. pl. Padova.

LONG ISLAND NATURAL HISTORY CLUB. See WARBLER.

LONGOLIUS, GYBERTUS, of Utrecht [1507-43].

1544. Dialogus de avibus, et earum nominibus Graecis, Latinis, et Germanicis [etc.]; [ed. by William Turner]. 12mo. pp. [112]. Coloniae, Io. Gymnicus.

The original of one of the earliest and rarest books on birds. It is a posthumous, Cologne publication, edited by William Turner, the author of another rare work, *Avium praecipuarum historia*, 1544, and friend of Gilbert Longolius. The present volume is complete, in fine condition, and has been recently bound by Riviere. There is no note of this work in the *Cat. Br. Mus. (Nat. Hist.)*, nor in the collection of the Zoological Society. See also TURNER, WILLIAM.

LÖNNBERG, AXEL JOHAN EINAR [1865-].

1905. Die Vögel der Schwedischen Südpolar-Expedition, 1901-03. 4to. pp. 9. Stockholm.

Birds of the Swedish Antarctic Expedition. Most of the collection was unfortunately lost with the wreck of the vessel. Covers bound in.

1905. Short notes on a collection of birds from Tianshan. 8vo. pp. 23. 1 pl. (col.). Uppsala.

1905. See NORDENSKJÖLD, N. O. G.

1906. Contributions to the fauna of South Georgia. 1. Taxonomic and biological notes on vertebrates. folio. pp. 104. pl. Uppsala.

1907. Caroli Linnaei Methodus avium Sveti-carum. See also LINNAEUS, C.

1909. Notes on birds collected in southern Transbaicalia and northern Mongolia. 8vo. pp. 42. 9 figs. Uppsala.

1910. See SJÖSTEDT, B. Y.

1911. Birds collected by the Swedish Zoological expedition to British East Africa. 4to. pp. 113. 5 pl. (col.). Uppsala.

← 23. A Little Brother to the Bear and other animal studies. front., illus. Boston.

→ Lorusberg and ¹⁹²²Reudahl, Contribution to the ornithology of Ecuador.

Uhu

→ Loris. Biennial periodical. Game & Bird Prot. Soc. Ceylon - Vol. 1. 1937.

? City Schools. . . .

1917. Mammals collected in Central Africa. 4to. 12 pl. Stockholm.

1917-29. Svenska fåglar, efter naturen och på sten ritade af M. & W. von Wright. 105 pls. in 6 portfolios. See WRIGHT, M. and W. Stockholm.

1920-4. The natural history of Juan Fernandez and Easter Island. See SKOTTSBERG, CARL J. F.

LOOMIS, LEVERETT MILLS [1857-].

1891. An historical sketch of South Carolinian ornithology. pp. 7. Pub. by the Author. N.Y. A review of the chief publications on the subject.

1918. A Review of the Albatrosses, Petrels, and Diving Petrels. 4to. pp. 187. 17 pl. (2 maps fold.). T. of c. index. Expedition of the California Academy of Sciences to the Galapagos Islands, 1905-1906. San Francisco.

Author's reprint of *Proc. Cal. Acad. Sc.*, April 22, 1918. A carefully prepared treatise divided into six parts: (1) Historical, (2) Geographic distribution, (3) Migration, (4) Variation, (5) Classification and Nomenclature, (6) Results of the Study. The last part comprises nearly two-thirds of the entire report treating of the 44 species obtained by the expedition, and going into great detail regarding variation in size and coloration, migration and habits, &c., of these puzzling birds of the high seas.

LOON, THE. Devoted to Ornithology and Oology. Editor: Thad. Surber. White Sulphur Springs, Virginia.

1889. Monthly. 8vo. Each number has table of contents.

F. Burns (73) furnishes the following notes: Vol. I. 1889. Nos. 1-10, Jan.-Oct. pp. 78 (all issued).

This periodical belonged to the better class of minor ornithological journals as evidenced by the character of its contributions and the scientific status of its contributors. Among the latter were F. H. Andrews, W. L. Kells, Chas. T. Hepburn, C. W. Swallow, E. B. Webster, and J. Claire Wood.

LOOS, KURT.

1910. Der Schwarzspecht; sein Leben und seine Beziehungen zum Forsthaushalt. 8vo. pp. viii + 145. 21 pl. T. of c. Wien.

The family life of the Great Black Woodpecker, *Picus martius* L., the European prototype of the North American Pileated Woodpecker, *P. pileatus*.

n.d. Der Eule in Böhmen; nebst einigen Notizen über die Verbreitung dieser Eule in einigen andern Ländern. 4to. pp. 70+(3). 5 pl. 3 maps (fold., 2 col.). T. of c. Saaz.

Habits and distribution of the Eagle-Owl, *Bubo maximus*, in Bohemia, with illustrations and sections of the disgorged pellets.

LORD, CLIVE ERROL and SCOTT, H. H.

1924. A synopsis of the vertebrate animals of Tasmania. 8vo. pp. (8)+340. front. 41 pl. 117 figs. glossary. 2 indexes. Hobart.

A preliminary compilation of the Tasmanian vertebrates.

LORD, JOHN KEAST [1818-72].

1866. The naturalist in Vancouver Island and British Columbia. 2 vols. 8vo. Vol. I, pp. xiv + 358. 6 pl. 1 fig. T. of c. Vol. II, pp. vii + 375. 3 pl. 1 fig. T. of c. append. London.

LORD, THOMAS [fl. 1796].

1791. Lord's entire new system of Ornithology. folio. pp. 6+114. 111 col. pl. London.

An extremely scarce but scientifically unreliable work. It was issued in parts of three sheets and plates each. The copy in hand lacks pl. 83, 113-14, but is otherwise complete. It is from the Mullens Library with an inserted letter and two of the original colored wrappers bound in.

LORD, WILLIAM ROGERS.

1902. A first book upon the birds of Oregon and Washington; a pocket guide and pupils' assistant in the study of most of the land birds and a few of the water birds of these states. 12mo. pp. 304+4. 20 text-figs. index. Portland, Ore.

Second edition of a popular work. The systematic names of bird species are not mentioned.

LORD DERBY NATURAL HISTORY MUSEUM, LIVERPOOL.

1920. Handbook and guide to the British birds on exhibition in the Lord Derby natural history museum, Liverpool. [By J. A. Clubb.] 2nd ed.

LOREK, C. G.

1834-7. Fauna prussica; Abbildungen der Säugethiere, Vögel, Amphibien und Fische Preussens. 8vo. pp. 4+16. 130 pl. index. Königsberg.

A rare and important atlas of North German vertebrate fauna.

LORENZ, THEODOR.

1887. Beitrag zur Kenntniss der ornithologischen Fauna an der Nordseite des Kaukasus. 4to. pp. xii+62. 4 col. pl. 2 text-figs. Moscow.

A condensed description of the avifauna of the northern Caucasus. The copy in hand was presented to P. L. Selater by the writer with his autograph.

1910-11. Die Birkhühner Russlands deren Bastarde, Ausartungen und Varietäten. atlas folio. pp. 4+10. wrapper title, advt., dedication, title. 24 hand-col. fotogr. pl. 3 figs. in text. Vienna.

Beautifully illustrated (unfinished) atlas on *Tetrao tetraz*, the Russian Black Cock. It was completed by Kohts and published after the death of the author. The wrapper is undated and marked 'Lieferung I'. The advt. promises 24 colored plates and 50 colored figures.

LORENZI, LAURENTIO (Lorenzo).

1767-73. Ornithologia Methodice Digesta, atque Iconibus aeneis ad vivum illuminatis ornata. See also MANETTI, XAVERIO.

LORENZINI, STEFANO.

1678. Osservazioni intorno alle torpedine. 8vo. pp. 6+136. Firenze.

A rather rare work on the torpedoes.

LORQUINIA. (Lorquin Nat. Hist. Club.)

1916-19. 2 vols. (all pub.).

LORT-PHILLIPS, E.

1888. The unknown horn of Africa . . . The drawings of the fauna . . . from specimens chiefly collected by E. Lort-Phillips. See JAMES, F. L.

LOS ANGELES, CALIFORNIA. Department of Natural Sciences.

1915-18? Miscellaneous Publications.

LOS ANGELES ZOOLOGICAL SOCIETY.

1912. Proceedings.

LOTOS. Prague. 1850-date.

LOTSY, JOHANNES PAULUS [1867-] and GODDIJN, W. A.

1928. Voyages of exploration to judge of the bearing of hybridization upon evolution. 1. South Africa. 2 vols. 8vo. illust. pl. The Hague.

LOTTINGER, A. J.

(1795) An 3. Histoire du coucou d'Europe. pp. 36. *Strasbourg.*

This is an excessively rare but interesting tractate, mentioned in the *Carus Bibliotheca* but not found in the *Cat. Br. Mus. (Nat. Hist.)*.

LOUISIANA SOCIETY OF NATURALISTS, NEW ORLEANS.

1897-9. Proceedings. (All pub.)

LOVASSY, A. VON. See BUDAPEST, 1900.**LOVELL, ROBERT** [1630?-90].

1661. Πανζωορκετολογία. Sive Panzoologico-mineralogia. 8vo. pp. 96+519+152. *Oxford.*

The *History of Minerals* has a separate title. Lovell or Lovel, naturalist and physician, published his works while still a student at Oxford. [O. 3274]

LOW, ALBERT PETER. See CANADA. REPORT, etc. 1906.**LOW, DAVID** [1786-1859].

1842. The breeds of the domestic animals of the British Islands. 2 vols. folio. *illustr.* London.

The descriptions are preceded by a full history of the wild and domesticated races so far as known. The two most remarkable circumstances in the history of the Horse are the character of the British race-horse and the escape of the horse from human control in Spanish America.

LOW, GEORGE [1747-95].

1813. Fauna Orcadensis; or, The natural history of the quadrupeds, birds, reptiles and fishes of Orkney and Shetland. 4to. pp. 20+230. *Edinburgh.*

The author was introduced to Thomas Pennant by Sir Joseph Banks, and this sketch of the Natural History of the Orkney Islands was at first designed for Pennant's information. He did for Orkney what Gilbert White did for Selborne.

LOW, GEORGE CARMICHAEL [1872-].

1924. The literature of the *Charadriiformes* from 1894-1924, with a classification of the order, and lists of the genera, species and subspecies. 8vo. pp. 11+220. *London.*

LOWE, PERCY ROYCROFT [1870-].

1911. A naturalist on desert islands. 8vo. pp. xii+300. front. 31 pl. 2 maps (col., 1 fold.). 3 figs. *T. of c. index.* London.

The experiences of a naturalist during six winter cruises among little-known islands of the Caribbean Sea and the Gulf of Mexico.

[1913]. Our common sea-birds: cormorants, terns, gulls, skuas, petrels and auks. 4to. pp. xvi+310. 238 pl. (1 map). *T. of c. index.* London.

1928. Studies and observations bearing on the phylogeny of the ostrich and its allies. 8vo. pp. 63. *illustr. pl.* London.

Author's reprint.

LOWE, RICHARD THOMAS [1802-74].

1843-60. A history of the fishes of Madeira. 5 pts. 8vo. pp. 16+196. 17 col. pl. *London.*

This work was issued in parts, only five of which were published. Plates 17-19, 21-24, 26, and 27 were never issued in the colored state, the original drawings having been lost.

LÖWIS, OSCAR VON.

1895. Unsere Baltische Singvögel. 8vo. pp. 2+299. *index.* Reval.

LOYD, LEWIS RICHARD WILLIAM [1882-].

1925. Lundy; its history and natural history. 8vo. pp. xii+248. 19 pl. 1 map (fold.). 8 figs. *T. of c. index.* London.

[? 1926]. Bird facts and fallacies. 8vo. pp. 246. *T. of c.* London.

Interesting and useful popular history of ancient and medieval ornithology, mostly of British birds.

1929. The birds of south-east Devon. 8vo. pp. 176. 5 pl. 1 map (fold.). *T. of c. index.* London.

LUBBOCK, Sir JOHN, Baron AVEBURY [1834-1913].

1879. Scientific lectures. 8vo. pp. x+187. 54 figs. *T. of c.* London.

1892. The beauties of nature and the wonders of the world we live in. 12mo. pp. xiv+429. front. 11 pl. 55 figs. *T. of c.** New York.

The present edition of this popular work is the first reprint (American) of the original publication in London of the same year; others, almost identical in text and illustrations and dated 1893, 1895, and 1905, are in the McGill libraries.

1908. On the senses, instincts, and intelligence of animals. 8vo. pp. xxix+292. 118 figs. *T. of c. index.* New York.

Vol. LXV of the International Scientific Series.

LUBBOCK, RICHARD [1759-1808].

1845. Observations on the Fauna of Norfolk, etc. 8vo. pp. 8+156. map. *Norwich.*

1879. Observations on the Fauna of Norfolk, and more particularly on the district of the Broads. 8vo. pp. xxxvi+239. front. (map fold.). 2 pl. *T. of c. append.* *Norwich.*

The fame of Richard Lubbock as a naturalist rests on this work, the first edition of which appeared in 1845, reissued in 1848 and 1860, with a new edition in 1879 as above. There are appendices by Alfred Newton, Thos. Southwell, and Henry Stevenson.

LÜBECK. See NATURHISTORISCHES MUSEUM.**LÜBEN, AUGUST** [1804-74].

1848. Vollständige Naturgesch. d. Säugetiere. 38 pl. *Eilenburg.*

1854. Leitfaden zu einem methodischen Unterricht in der Naturgeschichte. 5th ed. 3 vols. 8vo. *illustr.* Leipzig.

LUCANUS, FRIEDRICH KARL HERMANN VON [1869-].

1904. Die Höhe des Vogelzuges und seine Richtung zum Winde auf Grund aeronautischer Beobachtungen. pp. 24. (Repaged separate from the *Proceedings of the Fifth Internat. Zoological Congress, Berlin, 1901.*) *Neudamm.*

1922. Die Rätsel des Vogelzuges; ihre Lösung auf experimentellen Wege durch Aeronautik, Aviatik und Vogelberingung. 8vo. pp. viii+226. 1 pl. 4 figs. (maps). *T. of c. 2 indexes.* Langensalza. A detailed study of bird-migration and its problems.

1923. Die Rätsel des Vogelzuges. 2nd ed. *Langensalza.*

[1925]. Das Leben der Vögel. 8vo. pp. 428. 19 pl. (col., 3 of eggs). 136 figs. *T. of c. index.* Berlin. A general study of birds, their structure, development, breeding, song, flight, and distribution.

Howe, Frank A.

Days with the Rare Birds. 26 photographs by the
Author. London: Trefoil Publishing Co.

Dis/n Same work listed under Loewis (q.v.) p. 441.

→ Lucas, Jane. "Mother Nature" series. v.1. Mother Nature's babies. v.2. Mother Nature's water creatures. v.3. Mother Nature's queer creatures.
Ea. vol. illus., 8 pls (4 col.)

1477. Lumen animae. Liber moralitatum -- rerum naturalium. Augsburg -
↗ Press of Anton Sorg. Fol. Osler Library.

LUCAS, ARTHUR HENRY SHAKSPERE [1853-].
1896. See HORN, W. A., Report on the . . . Scientific Expedition.

**** and **LE SOUËF, W. H. D.**
1909. The Animals of Australia, etc. 8vo. Christchurch.

Mostly devoted to the mammals and written in semi-popular but strictly scientific style.

**** and **LE SOUËF, W. H. D.**
1911. The birds of Australia. 8vo. pp. 11+489. 6 col. pl. text-figs. index. Melbourne.

On the whole the best handbook for popular use yet published. The textual cuts are better than the average and greatly assist the identification of species. Many of them are from the *Emu*.

1914. See BR. ASSOC. AD. SCIENCE, 1914.

LUCAS, EDWARD VERRALL [1868-].
1928. The More I see of Men. 6th ed. 12mo. pp. 8+129. pl. London.

A charming little collection of this popular author's writings, in prose and verse, dealing with dogs. He explains his title by the quotation:—

'The more', said one, 'of men I see,
The more do dogs appeal to me.'

LUCAS, FREDERIC AUGUSTUS [1852-].
1891. Notes on the preparation of rough skeletons. 8vo. pp. 11. illust. (*Bulletin of the U.S. National Museum*, no. 39.) Washington.

1895. The tongues of woodpeckers. 8vo. pp. 35-44. 3 pl. Washington.

Author's separate. The evidence favors the view that modifications of the tongue are directly related to the character of the food and are not of value for classification.

1901. Animals of the Past. 8vo. pp. xx+258. 16 pl. text illust. New York.

Mostly concerned with prehistoric fauna of North America.

1903. Animals before Man in North America. N.Y.

A work worthy of the attention of all students of prehistoric zoology.

1909. The anatomy of birds. See KNOWLTON, F. H., Birds of the world.

→ **LUCAS, JOSEPH.**
1899. The pleasures of a pigeon-fancier. 2nd ed. For private circulation only. 8vo. pp. (8)+119. 7 pl. (2 col.). 7 figs. T. of c. index. London.

LUCERNE. Naturforschende Gesellschaft.
1895-date. Mitteilungen.

LUCKNOW. North-Western provinces and Oudh provincial Museum.
1890. Catalogue of the birds. See REID, GEORGE.

LUCRETIUS CARUS, TITUS [95?-55 B.C.].
1495. De rerum natura. 4to. Hain—C. 10283. Proctor 5271. [O. 1.] Venice.

1713. De Rerum Natura libri sex. 12mo. [O. 2.] London.

1761. Di Tito Lucrezio Caro Della Natura delle cose, Libri VI. Tradotti da Alessandro Marchetti in Londra. 32mo. pp. 24+222+5. portr. vignnetted title. [London.]

A translation into corresponding Italian metre of the poet's original Latin hexameters. If one cannot concede the claim of some admirers of Lucretius that he should be regarded as a conscious proponent of the theory of evolution yet he certainly made a very good guess at it, and may well be classed as a forerunner, albeit the oldest, of

Darwinism. Let us say that Democritus, Epicurus, and (especially) Lucretius dreamed about it but that Charles Darwin established the theory of evolution on a firm foundation of evidence and demonstration. Osler rates Lucretius high as a philosopher who versified startling conjectures now accepted as reasonable concepts of modern science. He believes, for example (*Bib. Osler.*, p. 1), that 'the lines in Book V, 925-1010 [ed. 1495, Venice] could be transferred to any modern text-book of anthropology'.

1773. De Rerum Natura libri sex. 8vo. Baskerville Press, Birmingham.

1796-7. De rerum natura libros sex, ad exemplarium MSS. fidem recensitos, longe emendatiores reddidit, commentariis perpetuis illustravit, indicibus instruxit et cum animadversionibus Ricardi Bentleii, non ante vulgatis, aliorum subinde miscuit Gilbertus Wakefield. 3 vols. folio. London.

1813. Tito Lucrezio Caro della Natura delle cose libri sei tradotti da Alessandro Marchetti. 8vo. pp. 37+452. Milano.

An Italian translation into corresponding verse of the author's age-long attempt to get to the bottom of the real causes of natural phenomena—a problem frequently attacked by ancient and medieval philosophers. Carus gives but little attention to the mysteries of animal life but does say something about them (*vide* p. 354) now and then.

1850. The same. Carolus Lachmannus recensuit et emendavit. 8vo. [O. 3.] Berol.

1866. The same. With notes by H. A. J. Munro. 2nd ed. 2 vols. 8vo. [O. 4.] Camb.

1910. The same. Tr. by Cyril Bailey. 12mo. [O. 7.] Oxford.

[1916]. Of the Nature of Things. Metrical tr. by Wm. E. Leonard. 8vo. [O. 8.] London.

1918. The poetry of Lucretius. By C. H. Herford. 8vo. [O. 9.] Manchester.

This famous poem on natural history has been popular for twenty centuries and the foregoing titles represent but a few of the numerous editions of it that have appeared in many languages. Most of the volumes in hand are from the Osler Library.

LUDWIG, ALFRED.
1894. Das Birkwild dessen Naturgeschichte, Jagd und Hege. 2nd ed. 4to. pp. 15+254. Wien.

LUDWIG, H. See LEUNIS, J., 1883-6.

LUIGI, Duke of the Abruzzi [1873-].
1909. Ruwenzori. See FILIPPI, F. DE.

→ **LUMHOLTZ, KARL SOFUS** [LOFTUS] [1851-].
1889. Among cannibals; an account of four years' travels in Australia and of camp life with the aborigines of Queensland. 8vo. pp. xx+395. 28 pl. 2 maps (col. fold.). 97 figs. T. of c. append. index. London.

LUND (SWEDEN), UNIVERSITET.
1864-1904. Acta.

1905-date. Afdelning 2.

LUNDQVIST, G.
1927. Bodenablagerungen und Entwicklungstypen der Seen. 8vo. pp. 4+124. tab. Stuttgart.

LÜNEBURG. Naturwissenschaft. Verein für das Fürstentum Lüneburg.

1855. Denkschriften I (all pub.).

1852-64. Jahresbericht (incl. Bericht) 1-13 (all pub.).

1865-date. Jahreshefte.

LÜTKEN, CHRISTIAN FREDERICK [1827-1901].
1875. A revised catalogue of the Fishes of Greenland. 8vo. London.

Part VII of the British Admiralty *Manual of the Natural History of Greenland*.

1883-1930. See DENMARK. INGOLF-EXPEDITION.

LUTZ, E.

1926. Der Pfahlbauer, etc. 8vo. Stuttgart.
Furnishing, among other information, an account of the animals of and about the lake-dwellers.

LUTZ, K. G.

1899. Wanderungen in Begleitung eines Naturkundigen. 25 col. pl. Stuttgart.

[1900]. Der Vogelfreund; unsere einheimischen Vögel in Wort und Bild. 3 vols. 24mo. Vol. I, pp. iv+160. 40 pl. (col.). 4 figs. index. Vol. II, pp. (2)+154. 40 pl. (col.). 3 figs. index. Vol. III, pp. (4)+203. 41 pl. (col.). 11 figs. index. Stuttgart.

A very complete guide to the birds of Germany, illustrated by numerous excellent colored plates. German and Linnaean names are given in all cases.

n.d. Lessons in Natural History. 32 pl. N.Y.
An American translation.

n.d. Die Raubvögel Deutschlands, nebst einem Anhang über Vogelschutz. 8vo. pp. 8+171. 16 col. pl. 12 figs. in text. T. of c. Stuttgart.

A popular account, systematically arranged and with all the local names of the birds of prey commonly found in Germany.

LYCEUM OF NATURAL HISTORY. See
NEW YORK ACADEMY OF SCIENCES.

LYDEKKER, RICHARD [1849-1915].

1885-7. The Sheep and its Cousins. 8vo. London.
One of the earliest brochures of this famous naturalist.

1885-7. See BR. MUS. CATALOGUE.

1888-90. Catalogue of the Fossil Reptilia and Amphibia in the British Museum. 4 pts. 8vo. London.

One of the many invaluable series issued by the Trustees.

1889. See NICHOLSON, H. A. and LYDEKKER, R.

1891. Catalogue of the fossil birds in the British Museum. 8vo. pp. xvii+368+17. 75 figs. addend. 2 indexes. London.

This catalogue accounts for about 129 genera and 250 species, many introduced for the first time.

1891. See FLOWER, W. H. and LYDEKKER, R.

1894. A hand-book to the marsupialia and monotremata. 8vo. pp. 16+302. illust. pl. (Allen's Naturalist's Library.) London.

?1894. Game Animals of India, Burma, etc. 2nd ed. 8vo. London.

1894-6. The royal natural history. 6 vols. 4to. 72 col. pl. 1,600 text-figs. indexes. London.

CONTENTS. Vols. 1-2. Mammals. 3, pt. 1. Mammals. 3 and 4. Birds. 5. Reptiles—Amphibians—Fishes. 6. Invertebrate animals. Preface by P. L. Sclater.

1895. A hand-book to the British mammalia. 8vo. pp. 14+339. illust. (Allen's Naturalist's Library.) London.

[1895]. A hand-book to the carnivora. Pt. 1. illust. pl. (Allen's Naturalist's Library.) London.
CONTENTS. Pt. 1. Cats, civets, and mungooses.

1896. A Geographical History of Mammals. 8vo. pp. 12+400. col. illust. Cambridge.

An important treatise, afterwards translated into German by Siebert.

1896. A dictionary of birds. See NEWTON, A.

1897. The Concise Knowledge of Natural History. Edited by A. H. Miles. 8vo. pp. 16+771. text illust. (Wanting.) London.

The vertebrate sections of this popular treatise on general zoology were written by the author except the section on Birds, by E. Bowdler Sharpe. It compares favorably with a dozen other works of similar title and scope issued about the end of the nineteenth century.

1898. The Deer of all lands, etc.; Cervidae living and extinct. 4to. pp. 20+329. 24 col. pl. illust. text. (Wanting.) London.

A fine monograph on an interesting subject, beautifully illustrated.

1898. Wild Oxen, Sheep, and Goats . . . living and extinct. 4to. pp. 14+318. 28 col. pl. London.

One of several monographs by this voluminous writer on the vertebrate fauna of the world.

1900. The great and small game of India, Burma, & Tibet. 8vo. pp. 18+416. 9 col. pl. text-figs. London.

This edition consists of 250 copies numbered and autographed, of which the volume in hand is No. 232.

1901. Die geographische Verbreitung und geologische Entwicklung der Säugetiere. Autorisierte Uebersetzung aus dem Englischen von G. Siebert. 2nd ed. 8vo. pp. 14+532. 82 figs. col. charts. Jena.

A German translation of a well-known treatise on the geographical distribution of mammalian life.

1901. The great and small game of Europe, western & northern Asia and America; their distribution, habits, and structure. folio. pp. 20+445. 8 col. pl. 75 figs. in text. London.

This edition consists of 250 autographed copies, of which the volume in hand is No. 176.

****, **BOWDLER SHARPE**, and others.

1904. The concise knowledge of natural history. 8vo. pp. 16+771. 530 figs. 2 indexes. London.

1908. A guide to the domesticated animals (other than horses) exhibited in the . . . British Museum (Natural History).

1908. The sportsman's British bird book. 8vo. pp. xvii+620. 320 photogr. index. London.

This excellent treatise comprises many more species than its title would indicate, and is rather a scientific treatise than a gun man's manual.

1908. The game animals of Africa. 8vo. pp. xix+484. 97 figs. London.

1910. Library of natural history; introduction by E. T. Seton. 6 vols. 4to. illust. pl. New York.

**** and others.

1912. Amphibia. London.

This treatise, edited by a galaxy of natural history talent, should be shelved in every zoological library.

[1912]. Animal portraiture: with fifty studies in full colour reproduced from the original paintings [by Wilhelm Kuhnert]. 4to. pp. viii+104. 50 pl. (col.). T. of c. index. London.

7 Lycosthenes, Conradus. (Conrad Wolffhart) Prodigi^{orum} Chronik^{on}
1557. pp. 116 (fragment). ^[very rare edition] Numerous wood cuts [of animals] Basel

→ Macalpine, D. 1860. Zoological atlas, anatomy of vertebrates and invertebrates. 2 v. folio, 480 col. figs. + diag.

→ Macdonald, D. G. F. 1872. Cattle, sheep and deer. 3^d ed. 8 vo. 745 pp. port.

→ Macdonald, D. 1907. The Oceanic Languages, their Grammatical structure, vocabulary and origin. 6 v. 8 vo., 1907.

1913. See BR. MUS. (NAT. HIST.).

1913-16. See BR. MUS. (NAT. HIST.).

[1916]. Wild life of the world; a descriptive survey of the geographical distribution of animals. 3 vols. 4to. Vol. I, pp. xiv+472. 40 pl. (col.). 244 figs. T. of c. index. Vol. II, pp. xii+440. 39 pl. (col.). 221 figs. T. of c. index. Vol. III, pp. xi+457. 41 pl. (col.). 160 figs. T. of c. 2 indexes. London.

The gifted author died on the 15th of April 1915, while this extensive work was in the press.

1926. The game animals of Africa. 8vo. pp. 14+483. illust. London.

Second edition revised by J. G. Dollman.

n.d. Marsupials. 8vo. pp. 18+302. pl. (Allen's Naturalist's Library.) London.

LYELL, CHARLES H. [1797-1875].

1863. Geological Evidences of the Antiquity of Man. 3rd ed. 8vo. pp. 12+520. 1 pl. text-figs. London.

A most important treatise (of which there were many editions) for the student of vertebrate zoology.

1873. (The) geological evidences of the antiquity of man. 4th ed. 8vo. pp. 19+572. illust. pl. maps. London.

LYNCH, WILLIAM FRANCIS [1801-65] and CASSIN, J.

1852. Official report of the U.S. Expedition to explore the Dead Sea and River Jordan. pp. 235. front. (map fold.). 16 pl. 1 chart. T. of c. Baltimore, Md.

The Ornithological Report of this Expedition (classified by J. Cassin) is unaccompanied with plates, as from the intense heat, and other causes, few birds were preserved.

LYNN, H. E. 1917. See LYNN, J. C.

LYNN, J. C. and LYNN, H. E.

[1917]. Birds in a wood. 12mo. pp. (8)+248. front. (col.). index. London.

LYNN NATURAL HISTORY SOCIETY.

Lynn, Mass.

1846. Publications. See also HOLDER, J. B.

LYON. MARCUS WARD [1875-].

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Author's edition.

**** and OSGOOD, W. H.

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MAAR, A.

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The raising of pedigree ducks and of wild ducks capable of domestication.

MAATSCHAPPIJ DILIGENTIA, THE HAGUE.

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MABBOTT, DOUGLAS C.

1920. Food habits, seven species American shoal-water ducks. 8vo. pp. 67. 7 pl. T. of c. (Contrib. from the Biolog. Survey.) Washington.

MABERLY, C. T. ASTLEY.

[1925]. Nature studies of a boy naturalist. 12mo. pp. 141. 50 figs. T. of c. London.

MAC. See also M^o.

MACALISTER, ALEXANDER [1844-1920].

1878. Introduction to Systematic Zoology and Morphology of Vertebrate Animals. 8vo. pp. 8+365. illust. text. London and Dublin.

An early textbook by a famous teacher of natural history.

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1880. Biological atlas; a guide to the practical study of plants and animals. 4to. pp. ix+49. 24 pl. (col.). Edinburgh.

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1901. Zoology; an elementary text-book. See SHIPLEY, A. E. and MACBRIDE, E. W.

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1908. Notes on the mammals and birds of northern Canada. See MAIR, CHARLES.

MACGILLIVRAY, JOHN [1822-67].

1852. Narrative of the voyage of H.M.S. Rattlesnake [to the Far East]. 2 vols. 8vo. Vol. I, pp. ix+402. 6 pl. 15 figs. 1 map (fold.). T. of c. append. Vol. II, pp. iv+395. 5 pl. 1 fig. T. of c. 6 append. London.

In this expedition the birds were catalogued by J. Macgillivray, other vertebrates being neglected, or not described.

- MACGILLIVRAY, WILLIAM** [1796-1852].
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- 1837-40. A history of British birds, indigenous and migratory: including their organization, habits, and relations. 3 vols. 8vo. illust. London.
 A very important, unique copy of an ornithological classic. The copy in hand of the three rather scarce volumes is of extreme interest because they were the author's own autographed copy, evidently amended by him to form part of a second edition. The dealer's catalogue furnishes a fair account of this valuable piece of ornithological history: 'An unique and exceedingly interesting copy, containing a great amount of fresh information in the author's neat handwriting throughout the three volumes, but more so in Vols. 1 and 3. The text has not only been corrected in the matter of single words, writer's and printer's errors, etc., but whole passages have been cancelled and fresh matter substituted in the margins. In addition many leaves and slips have been loosely pasted in, filled with extra matter, the whole being in MacGillivray's handwriting and obviously intended for an enlarged and revised edition. This intention he was unfortunately unable to carry out, his death intervening in 1852, after he had been spared to see the fifth and last volume of the *History* issued. No other edition was ever published.' See also the notes on another copy in the E.S.W. Library which bears evidence of another attempt to publish an enlarged and revised five-volume edition of this important treatise.
- 1837-52. (A) history of British birds, indigenous and migratory. 5 vols. 4to. illust. London.
 Cones says of this important classical treatise on British ornithology and of its celebrated author that he was 'an original thinker, a hard student, and an ornithologist of large, practical experience who wrote down what he believed to be true with great regard for accuracy of statement, and in a very agreeable manner'. In addition to the ordinary library copy the E.S.W. Library has the five volumes profusely annotated by A. J. Balston (nat. 1839), a local naturalist of repute, and author of the *Birds of Kent*. He inserted a number of illustrations, feathers, and other additions which make the copy of increased value and interest. Briefly collated the volumes are: Vol. I, 1837. pp. xvi+631. pl. I-IX. 95 text-figs. Vol. II, 1839. pp. xii+503. pl. X-XIII. figs. 96-185 in text. Vol. III, 1840. pp. xii+768. pl. XIV-XXII. figs. 186-276. Vol. IV, 1852. pp. xxviii+700. pl. XXIII-XXVI. figs. 1-59. Vol. V, 1852. pp. xx+688. pl. XXVII-XXIX. figs. 60-100.
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 A compact handbook of British birds, with descriptions of all the species, genera, and higher groups, in the classification adopted by the author. The first edition was issued in 1840-2.
- **** and **LANKESTER, EDWIN**.
 1855. The natural history of Dee Side and Braemar. 8vo. pp. xx+507. 5 pl. 23 figs. append. index. London.
 The manuscript of this work was completed by the author just before his death in 1852. It was later purchased by Queen Victoria and printed at her command. There is an annotated list of 101 species of birds. The copy in hand is a presentation from H.R.H. Prince Albert to Prof. Walker Arnott.
1910. Life of William MacGillivray . . . ornithologist. 8vo. pp. xiii+222. front. 11 pl. T. of c. index. London.
 A record of the life and work of the most eminent British ornithologist of his day, by J. Arthur Thompson. Inserted is a letter from MacGillivray to T. D. Weir.
- MACK, AMY ELEANOR**.
 1922. Bushland stories. 8vo. pp. 6+183. pl. Sydney.
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 A second edition.
- MACKENZIE, A.**
 1802. Voyages dans l'Intérieur de l'Amérique Septentrionale faits en 1789-93. 3 vols. folio. (Translated.) ? Paris.
- MACKINTOSH, N. A. and WHEELER, J. F. G.**
 1929. Southern blue and fin whales. (*Discovery Reports*, Colonial Office.) Vol. I, pp. 257-540. pl. 25-44. London.
 Author's separate.
- MACLAUD, CH.**
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- MACLOSKIE, GEORGE** [1834-]. See **KINGSLEY, J. S., ed.**, 1885.
- MACLURIAN LYCEUM**. Philadelphia.
 1827-9. Contributions . . . to the arts and sciences.
- MACCOUN, JAMES MELVILLE** [1862-]. See **CANADA, Report, etc.**, 1906.
 1909. See **MACCOUN, JOHN**.
- MACCOUN, JOHN** [1832-1920].
 1882. Manitoba and the great North-west . . . [its] natural history, etc. 8vo. pp. xxii+687. 3 pl. (col.). 3 maps (fold., 2 col.). 19 figs. (5 plans and diagr.). T. of c. Guelph, Ont.
 Several chapters are devoted to the natural history and botany of the district. Another edition appeared in 1883, published in London.
1883. Manitoba and the great Northwest, etc. 8vo. illust. London.
 Like the issue of 1882, but with a much abbreviated title-page, and lacking the two large colored folding maps of the Dominion of Canada and the North-west territory.
- 1900-4. Catalogue of Canadian birds. (Geological Survey of Canada.) Pts. I-III in 1 vol. 8vo. Pt. I, pp. vii+218. Pt. II, pp. iv+219-413. Pt. III, pp. iv+415-733+xxiii. bibliogr. index. Ottawa.
 A popular account of all the Canadian birds, with records of local occurrence, breeding habits, and museum specimens at hand.
- **** and **MACCOUN, JAMES M.**
 1909. Catalogue of Canadian birds. 8vo. pp. viii+761+xxviii. bibliogr. index. (Dept. of Mines.) Ottawa.
 An enlarged and revised edition of the senior author's work published in 1900-4.
1916. Catalogue des Oiseaux du Canada. (Ministère des Mines. Commission Géologique, Canada.) 8vo. pp. xii+909+xxv. index. Ottawa.
 A French edition of the *Catalogue of Canadian Birds* by the same authors and published by the Government, that previously appeared in three parts, the first in 1900 and the last in 1904. The present volume, like the English edition referred to and another published in 1909, furnishes a full account of Canadian species, with museum and other local lists. The copy in hand is dated 1916 on the wrapper and 1915 on the title-page.
- MACPHERSON, H. B.**
 1911. (The) home-life of a golden eagle. 3rd ed. 8vo. pp. 45+(3). 32 pl. London.
 Periodical observations at the nest of a pair of Golden Eagles in the heart of the Grampian Hills. The first edition was published in 1909; the second in 1910.
- MACPHERSON, HUGH ALEXANDER** [1858-1901] and **DUCKWORTH, WILLIAM**.
 1886. The birds of Cumberland, including some notes on the birds of Westmorland. 8vo. pp. xx+206. front. (col.). map (col.). index. London.
 A short account of 250 species.
1891. An introduction to the study of British birds. 8vo. pp. 6+120. 20 figs. London.

MacKintosh, Birds of Darjeeling and India.

Complete sets with wrappers of both these.

1., Henry Brewster.

→ Madoc, Col H.W. 1934. Bird life in the Isle of Man. London.

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→ 1897. Ornithol. Ergebnisse s. Reise nach Ceylon, Vögel v. Bero in Neu-Guinea. 5 col. pls.

→ 1904. Ueber die Vögel Cyperus. col. pls.

CATALOGUE

1892. A vertebrate fauna of the sands. Westmorland of the sands. *See* pp. 1-2 birds. 1 map (col. fold.). 2 indexes.

1893. The partridge. Nat. Macpherson. Shooting by Cookery by George Saint. front. 10 pl. 1 fig. 11 diag. Not a very happy mixture of statistics and kitchen recipes! This of this edition published in 1894.

1894. The grouse. Nat. Macpherson. Shooting by Cookery by George Saint. 11 pl. 1 fig. 7 diag. T. of Another of the *Par and Feather* 'sportsman', and the cook divide the this edition in 1894.

1895. The pheasant. Nat. Rev. H. A. Macpherson. Stuart-Wortley. Cookery. Shand. 3rd ed. *See* pp. 5 diag. T. of c.

Another of the *Par and Feather* 'sportsman' writer, and an authority about the pheasant, his history and his subsequent preparation for 1897. A history of fowling the many curious devices are or have been captured the world. *See* pp. 11-12. T. of c. index.

1898. Tubinares. *See* BUTCHER 1904. A fauna of the north Skye. *See* HARVEY-BROWN

MADARÁSZ, GYULA [1881. Adatok a Czinke-Iszertamához költözés tekintetében. [Data on the arrival of the Titmice, with special reference to the species of the garrulous species.] *See* pp. 1-2. A treatise in Hungarian on the author's non-Hungarian text was often quoted.

1887. *See* FELZELN, AUGUSTUS
→ 1899-1903. Magyarország világi megismerésének természettudományi része. Vögel Ungarns, Auszug. *See* pp. 222-233 + 666. 9

The birds of Hungary, with an account of their distribution. 1901. *See* ZICHY, J.

→ 1910. Neue Vögel aus Ostafrika. 1 pl. Description of four new species of birds from the museum in East Africa.

MADAY, ISIDOR V. MANN
1891. Referat über den Vögel für die Bodenkultur in Ungarn. Intern. Ornitholog. Cong. Budapest. *See* pp. 17. Outline of a plan for the international protection of birds.

1910. Vogelschutz Bestimmungstabelle. *See* pp. 116. T. of c.

1892. A vertebrate fauna of Lakeland; including Cumberland, Westmorland, with Lancashire north of the sands. 8vo. pp. civ+552. 8 pl. (2 col., birds). 1 map (col. fold.). 9 figs. T. of c. glossary. 2 indexes. *Edinburgh.*

1893. The partridge. Natural history by H. A. Macpherson. Shooting by A. J. Stuart-Wortley. Cookery by George Saintsbury. 8vo. pp. vi+276. front. 10 pl. 1 fig. 15 diagr. T. of c. *London.*

Not a very happy mixture of scientific description, gun-room statistics, and kitchen recipes! There was another (identical) reprint of this edition published in 1894.

1894. The grouse. Natural history by H. A. Macpherson. Shooting by A. J. Stuart-Wortley. Cookery by George Saintsbury. 8vo. pp. vi+293. 11 pl. 1 fig. 7 diagr. T. of c. *London.*

Another of the *Fur and Feather Series*, in which the scientist, the 'sportsman', and the cook divide the honors. There was a reprint of this edition in 1894.

1895. The pheasant. Natural history, by the Rev. H. A. Macpherson. Shooting, by A. J. Stuart-Wortley. Cookery, by Alexander Innes Shand. 3rd ed. 8vo. pp. viii+265. 9 pl. 1 fig. 5 diagr. T. of c. *London.*

Another of the *Fur and Feather Series*, in which the rev. author, a 'sporting' writer, and an authority on cookery join to tell us all about the pheasant, his history and habits, his holiday slaughter, and his subsequent preparation for the table.

1897. A history of fowling; being an account of the many curious devices by which wild birds are or have been captured in different parts of the world. 8vo. pp. liv+511. 4 pl. 180 figs. T. of c. *Edinburgh.*

1898. Tubinares. See BUTLER, A. G. British birds.

1904. A fauna of the north-west Highlands and Skye. See HARVIE-BROWN, JOHN ALEXANDER.

MADARÁSZ, GYULA [1858-].

1881. Adatok a Czinke-Félék Boncz es Rendzertamához különös tekintettel a Magyarországi fajokra. [Data on the anatomy and systematics of the Titmice, with special reference to the Hungarian species.] 8vo. pp. 26. 2 pl. *Budapest.*

A treatise (in Hungarian) on various species of *Paridae*. The author's non-Hungarian first name is *Julius*, under which he is often quoted.

1887. See PELZELN, AUGUST VON.

1899-1903. Magyarország madarai a hazai madárvilág megismerésének vezérfonala. Anhang. [Die Vögel Ungarns, Auszug in deutscher Sprache.] 4to. pp. xxxiii+666. 9 pl. (col.). 170 figs. *Budapest.*

The birds of Hungary, with an abstract in German.

1901. See ZICHY, J.

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Description of four new species of birds collected for the Budapest museum in East Africa.

MADAY, ISIDOR V. MAROS.

1891. Referat über den internationalen Schutz der für die Bodenkultur nützlichen Vögel; dem II. Intern. Ornitholog. Congress in Budapest 1891. *Budapest.*

Outline of a plan for the international protection of useful birds.

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MADDEN, JOHN.

1897. The wilderness and its tenants. 3 vols. 8vo. Vol. I, pp. xvi+461. Vol. II, pp. (6)+566. Vol. III, pp. (6)+553. *index.* *London.*

MADON, PAUL.

1928. Les corvidés d'Europe; leur régime, les relations avec l'agriculture et la chasse. 4to. pp. 255+27. T. of c. *Paris.*

Critical summary of analyses of the stomach-contents of members of the Crow family in Europe.

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MADRAS JOURNAL OF LITERATURE AND SCIENCE. *London, Madras.*

1833-53. Series 1.

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MADRID. See ACADEMIA DE CIENCIAS EXACTAS, etc.

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MAGALHÃES, FERNÃO DE. See PLISCHKE, HANS, 1926.

MAGAUD, L.

1883. Les Oiseaux de la France. 4to. 21 col. pl.

MAGASIN DE ZOOLOGIE. *Paris.*

1831-8. Series 1.

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See also REVUE ET MAGASIN DE ZOOLOGIE PURE ET APPLIQUÉE, and REVUE ZOOLOGIQUE.

MAGAZIJN VOOR WIS- EN NATUURKUNDIGE WETENSCHAPPEN. 1827-8. *Amsterdam.*

MAGAZIN FÜR ALLGEMEINE NATUR- UND THERGEGESCHICHTE. 1790-6. *Göttingen.*

MAGAZIN FÜR FREUNDE DER NATURLEHRE UND NATURGESCHICHTE. 1794-7. *Berlin, Stralsund.*

MAGAZIN F. D. GES. THIERHEILKUNDE.

1835-74. Vols. 1-40. First forerunner of Archiv f. wissensch. u. pkt. Tierheilkunde. *Berlin.*

MAGAZIN FÜR HEILKUNDE UND NATURWISSENSCHAFT IN POLEN. 1828. *Warsaw.*

MAGAZIN FÜR DIE HÖHERE NATURWISSENSCHAFT UND CHEMIE. 1784-7? *Tübingen.*

MAGAZIN FÜR DIE NATURKUNDE HELVETIENS. 1787-9. *Zürich.*

- MAGAZIN FÜR DIE NATURKUNDE UND OECONOMIE MECKLENBURGS.** 1791-5. Schwerin, Leipzig.
- MAGAZIN FOR NATURKUNDSKAB.** 1871-7? Copenhagen.
- MAGAZIN FOR NATUR- OG MENNESKELKUNDSKAB.** 1841-6? Copenhagen.
- MAGAZIN FOR NATURVIDENSKABERNE.** 1823-8. Christiania.
1832-6. New series.
Continued as *Nyt Magazin . . . Natur*.
- MAGAZIN FÜR DIE NEUESTEN ENTDECKUNGEN IN DER GESAMMTEN NATURKUNDE.** 1807-18. (All pub.) See GESELLSCHAFT . . . FREUNDE, BERLIN.
- MAGAZIN FÜR DEN NEUESTEN ZUSTAND DER NATURKUNDE.** Jena, Weimar. 1797-1806. (Continues *Magazin für das Neueste aus der Physik und Naturgeschichte*.)
- MAGAZIN FÜR DAS NEUESTE AUS DER PHYSIK UND NATURGESCHICHTE.** Golha.
1781-99. Continued as *Magazin für den Neuesten Zustand der Naturkunde*.
- MAGAZIN FÜR RUSSLANDS GESCHICHTE, LÄNDER- UND VÖLKERKUNDE.** 1825-6. Mitau.
- MAGAZIN FÜR DIE THIERGESCHICHTE, THIERANATOMIE, UND THIERARZENEIKUNDE.** Göttingen.
1790-4. Continued as *Zoologische Annalen*.
- MAGAZIN DES TIERREICHS.** 1793-5. Erlangen.
- MAGAZINE OF NATURAL HISTORY AND JOURNAL OF ZOOLOGY.** London.
1829-36. Series 1.
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Forerunner of the *Annals and Magazine of Natural History*.
- MAGAZINE OF NATURAL HISTORY AND NATURALIST.** London.
1860. (Continues *Naturalist*.)
- MAGAZINE OF ZOOLOGY AND BOTANY.** London, Edinburgh.
1837-8. Continued as *Annals of Natural History*, and later *Annals and Magazine of Natural History*.
- MAGDEBURG. Museum für Natur- und Heimatkunde.** Magdeburg.
1905-date. Abhandlungen.
- MAGDEBURG. Naturwissenschaftl. Verein.** 1871-84. Jahresbericht 1-15.
Continued as:
1885-1907. (All pub.) Jahresbericht und Abhandlung.
- MAGNUS, HUGO FRIEDRICH** [1842-1907].
1870. *Untersuchungen über den bau des knöchernen vogelkopfes.* 8vo. pp. 4+108. 6 pl. Leipzig.
A contribution to the study of the bony skull in birds. The copy in hand is from the Cabanis-Reichenow collection.
- MAGYARHONI TERMÉSZETBARÁT.** Neutra.
1856-8. German title, *Naturfreund Ungarns*.
- MAGYAR ORNITHOLOGIAI KÖZPONT.** Budapest.
1898. *Nomenclator avium regni Hungariae.* folio. pp. 80.
A useful list of 329 Hungarian bird species with their systematic and local names.
- MAGYAR TERMÉSZETTUDOMÁNYI TÁRSULAT.** Budapest.
1841-59. *Évkönyvei.*
1873-1907. *Könyokiado-Vallalat.*
1860-7. *Közlönye.*
1896-7, 1910. *Megbizásabol.*
French title, *Société Royale Hongroise des Sciences Naturelles.*
German title, *Ungarische Naturwissenschaftliche Gesellschaft.*
- MAHDI-HASAN.**
1907. *Zinatu'l khayl.* A treatise on the horse in Hindustani verse. 8vo. pp. 220. num. cuts in text. index. lith. Cawnpore.
- MAILLARD, L.**
1862. *Notes sur l'île de la Réunion (Bourbon).* 2 pts. 8vo. 41 col. pl. text-figs. Paris.
A second edition was issued in 1863 that shows a rearrangement of the topics in an important history of the flora and fauna found in this tropical island.
- MAILLIARD JOSEPH.**
1930. *The Birds of Golden Gate Park.* 8vo. pp. 84. 94 figs. San Francisco.
Published under the auspices of the California Academy of Sciences.
- MAIN, A. L.**
1925. *Bird Companions, etc.* 8vo. Boston.
- MAINE.**
1861. *Preliminary Report on the Natural History, etc.*
- MAINE NATURALIST.** (Knox Academy of Arts and Sciences.) 1921-date. Thomaston.
- MAINE ORNITHOLOGICAL SOCIETY, JOURNAL OF THE.** A Quarterly Journal of Maine Ornithology.
1899-1911. (All pub.) 8vo. illust. index. Editors: J. Merton Swain, Waterville, and W. H. Brownson. Bangor, Me.
During the 13 years of its existence this periodical published numerous papers of scientific merit by American ornithologists of repute, and while most of the communications deal with the agenda of the Society (of which it was organ) and with local birds a number of others discuss more distant avifauna. It may be added that the *Journal* furnishes, without doubt, the best original records of the bird life of Maine. J. Merton Swain was particularly active in describing avian species, giving a complete history of many widely-distributed birds; in like manner, O. W. Knight, F. T. Noble, A. H. Norton, Wm. Powers, Dana W. Sweet, Leslie Lee, H. H. Brock, A. L. Lane and many others, well-known in the annals of New England ornithology, also made valuable contributions.

← Magnus, Claus. 1561. Storia de' costumi de' popoli settentrionali. 8vo. pp. [22] 511.
Venice.

← Maier, Michael. Tractatus de Volucris Arborea, absque patre et matre, in Insulis Orcadum, forma Anserculorum proveniente, seu de Ortu miraculoso potius, quam naturali, Vegetabilium, Animalium, Hominum et Supernaturalium quorundam. Frankfurt, Nic. Hoffmann, 1619. 8vo 180 pp. Boards. £ 6.6.-

Original edition of this learned treatise on the famous Barnacle Geese that grow on trees in Scotland. This strange natural history legend persisted and was seriously believed for many centuries, and is in this book treated as established fact.

The author of this scarce little book, Michael Maier (1568-1622) is mainly famous as an alchemist and as the most learned amongst the chemists of his time.

Miss B. Pls. paste this ~~in~~ (all of it) in its proper alphabetical order Interleaved
= mar 26/34

→ Malherbe, A. Du rôle des oiseaux chez les anciens et chez les modernes.

→ Malinq, E. G. 1867. Song birds. 800.

→ Mau, de. 1887. Podpphthalmu. Crustacea of the Mergui Archipelago. 5 pts., 19 pls.

MAINE ORNITHOLOGIST AND OOLOGIST, THE.

1890-1. (All pub.) Edited and published by H. Staunton Sawyer. 8vo. Monthly. *Garland, Me.* F. L. Burns has the following notes: Vol. I, Nos. 1-12, March 1890-Feb. 1891. pp. 46. Nos. 3/4 double. Vol. II, 1891, Nos. 1-3, March-May. pp. 12. Asst. Editor: C. N. Hillman.

Merged in the *International Naturalist*. Contains short papers by the Editor, B. S. Bowditch, Geo. Mims, J. W. P. Smithwick, Stewart White, J. W. Jacobs, and others.

MAINE UNIVERSITY. Department of Natural History.

1888-97? Bulletin.

MAINLAND, LESLIE G.

1925. Zoo saints and sinners. 8vo. pp. 111. front. (col.). 2 pl. 30 figs. T. of c. London.

MAIOLUS, S.

1597. Dies caniculares seu colloquia tria, et viginti, quibus pleraque naturae admiranda, quae aut in aethere fiunt, aut in Europa, Asia, atque Africa, quin etiam in ipso orbe nouo [America, etc.], et apud omnes Antipodas sunt, recensentur. 4to. pp. 1177. Romae.

A very rare and useful treatise including lengthy accounts of birds and the other vertebrates of the four continents. The work is not listed in the *Cat. Br. Mus. (Nat. Hist.)*.

MAIR, CHARLES [1840-].

1908. Through the Mackenzie basin; a narrative of the Arthabasca and Peace River treaty expedition of 1899; also Notes on the mammals and birds of northern Canada, by Roderick MacFarlane. 8vo. pp. 494. portr. map. many pl. and photos. London.

This classic account of the natural history and other characteristics of Northern Canada contains a good, systematic description of its bird life, more than 400 species being described. A list of Birds and Eggs occupies pp. 287-448, with an index to these pages on pp. 492-4.

MAITLAND, ROBERT T.

1897. Prodrome de la faune des Pays-Bas et de la Belgique Flamande; ou, Enumération systématique de tous les animaux y observés depuis 1679-1897 excepté les insectes. 4to. pp. 10+62. Leide.

1898. Notices sur les Animaux rares des Pays-Bas, etc. La Haye.

MAKHZAN-I-ILAJ-I-HAYWANI, by Doki Nandan.

1900. In Hindustani. pp. 137. lithograph. Meeruth. This treatise on Indian veterinary art was composed about 1899. There are two copies, practically identical, in the Blacker Library.

MALAKOZOLOGISCHE BLAETTER.

1854-62. Vols. 1-9. Cassel.

MALAN, SOLOMON CAESAR [1812-94].

1848. A systematic catalogue of the eggs of British birds; arranged with a view to supersede the use of labels for eggs. 8vo. pp. viii+170. London.

MALAYAN BRANCH OF ROYAL ASIATIC SOCIETY OF GREAT BRITAIN AND IRELAND. See ROYAL ASIATIC SOCIETY, MALAYAN BRANCH.

MALCHIEN, A. 1861. See ORIGINAL DRAWINGS, Malchien, A.

MALCOLM, GEORGE and MAXWELL, AYMER. 1910. Grouse and grouse moors. 8vo. pp. viii+286. 16 pl. (col.). 1 pl. 11 diagr. index. London.

MALHERBE, ALFRED [d. 1866].

1843. Faune ornithologique de la Sicile. 8vo. pp. 2+242. illust. index. Metz.

A scarce, specially entitled, repaged and indexed extract from the *Mém. Acad. roy. de Metz, 1842, 1843*. It is of value to the research student because of the scientific treatment of the subject, including a concise description of Sicilian species both indigenous and visitant.

1844-57. [Ornithological papers.] 8vo. pp. (8)+274+(4). (10 papers.) Metz.

A collection of 10 ornithological papers (in French), author's reprints, by Alfred Malherbe during the years 1844-57.

[1850]. Nouvelle classification des picidées ou pics, etc. 12mo. pp. 1-56. Metz.

A repaged, redated, and revised tractate, for a reading of which the Compiler is indebted to Dr. Chas. W. Richmond. The copy in hand, amended in MS. by Dr. Richmond, was originally published in *Mémoires de l'Académie Nat. de Metz, 1848-9*, but without mention of three new generic names given in the excerpt.

1861-2. Monographie des picidées, ou Histoire naturelle des picidés, picumninés, yuncinés ou torcols. 4 vols. folio. 123 col. pl. 2 vols. text. 2 vols. plates. Metz.

This, probably the best monograph on the woodpeckers of the world, is finely illustrated by well-drawn, hand-colored plates. The treatise was limited to 100 copies and issued in 24 livraisons. Sundevall, C. J., fully reviews the work in his *Conspectus avium Picinarum*. The following is a short collation of the four volumes in this library: Vol. I. 1861. text. pp. lxx-214. 18 figs. in text. Vol. II. 1862. text. pp. 325. Vol. III. 1861. col. pl. 1-XLVIII (bis), XLIV-LXI. Vol. IV. 1862. col. pl. LXVII (bis)-LXXXVIII-CXXI.

MALM, AUGUST WILHELM [1821-82].

1852-73. Zoologiska observationer. 6 pts. 8vo. illust. Göteborg.

1869. Naturhistor. Museum i Goeteborg. Stockholm.

1877. Goeteborgs och Bohusläns fauna vertebrata. 8vo. pp. 10+674. 9 col. pl. Göteborg.

MALPIGHI, MARCELLO [1628-94].

1673. Dissertationes epistolicae duae, una de Formatione Pulli in Ovo. 4to. [O.] Londini.

1686. Opera omnia. 2 vols. illust. [O.] London.

1697. Opera posthuma, figuris aeneis illustrata. folio. illust. [O.] London.

MALVERN NATURALISTS' FIELD CLUB, TRANSACTIONS OF THE.

1855-70. Three parts. 1855. Pt. I. pp. 40. Worcester. 1858. Pt. II. pp. 46. 2 pl. (1 col.). Malvern. 1870. Pt. III. pp. 216. 8 pl. (1 col.). Worcester. Bound in are the *Proceedings*, 1871-5.

MALUMPHY, T. L. 1929. See GIESEN, JOHN.**MANCHESTER FIELD NATURALISTS' AND ARCHAEOLOGISTS' SOCIETY.**

Manchester, England.
1865?-1914? Reports and Proceedings.

MANCHESTER (N. H.) INSTITUTE OF ARTS AND SCIENCES.

1899-1911. Vols. 1-5 (all pub.).

- MANETTI, XAVERIO** [1723-84] and others.
1767-76. Ornithologia methodice digesta atque iconibus aeneis ad vivum illuminatis ornata. 5 vols. folio. Vol. I, pp. (8)+96. 120 pl. (col.). 3 figs. Vol. II, pp. (6)+86. 120 pl. (col.). 2 figs. Vol. III, pp. (8)+78. 120 pl. (col.). 2 figs. Vol. IV, pp. (6)+72. 1 pl. 120 pl. (col.). Vol. V, pp. (6)+99. 120 pl. (col.). 6 indexes. Florentiae.
Illustrated by 600 costly copper plates colored from nature. Not only each volume but each plate has a separate dedication. Pl. 218 shows a white peacock, the *Pavo albus* of Gesner and Aldrovandus. The nomenclature is chiefly that of Brisson, although Linnaeus is also quoted. The text is in Italian and Latin with duplicate titles.
- MANGIN, ARTHUR** [1824-87].
1866. Der Ocean. Berlin.
A German translation of the original French edition, 1864.
1868. The mysteries of the ocean. Translated from the French by W. H. D. Adams. 4to. pp. 12+470. pl. 130 figs. New York.
1869. The desert world. From the French by Michelet. 8vo. pp. xi+624. 35 pl. 125 figs. index. London.
1870. Nos Ennemis et nos Allies. Tours.
- MANN, JAMES.**
1848. The American bird-keeper's manual; or, Directions for the proper management of American and foreign singing birds. 16mo. pp. viii+166. T. of c. Boston.
- MANN, ROBERT JAMES** [1817-86].
1876. Natal. See BROOKS, H.
- MANNHEIMER VEREIN FÜR NATURKUNDE.** See VEREIN FÜR NATURKUNDE, MANNHEIM.
- MANNING, HENRY EDWARD, Cardinal** [1808-92].
1915. The Little Flowers of St. Francis of Assisi. Tr. from the Italian *Fioretti di S. Francesco*. Sermon to the Birds, pp. 48-50. London and Boston.
A posthumous edition.
- MANSEL-PLEYDELL, JOHN CLAVELL** [1817-1902].
[1888]. The birds of Dorset. 8vo. pp. xvi+179. 10 figs. append. index. London.
- MANTELL, GIDEON ALGERNON** [1790-1852].
1851. Petrifications and their teachings; or, A hand-book to the gallery of organic remains of the British museum. 8vo. pp. 11+496. illust. London.
- MANTON, WALTER PORTER** [1857-].
[1882]. Taxidermy without a teacher: comprising a complete manual of instruction for preparing and preserving birds, animals and fishes. 8vo. pp. (6)+56. 5 figs. T. of c. Boston.
- MANZELLA, ALBERTO.**
1879-94. Iconografia dell' Avifauna Italica . . . Tavole. Fasc. 1-53. folio.
These fine plates really constitute the Atlas accompanying the large work of E. H. Giglioli.
- MANZINI, CESARE.**
1645. Ammaestramenti per allevare, pascere & curare gli uccelli, li quali s' ingabbiano ad uso di cantare. 12mo. pp. 58. illust. T. of c. Milano.
A curious, rare and instructive little work on cage birds—the Nightingale, Canary, Lark, Thrush, etc.—their care and methods of teaching them to sing. Not listed in the *Cat. Br. Mus. (Nat. Hist.)*.
- MAO CH'I-LING** [1623-1707].
1796. Mao Hsi-ho ch'üan chi. Collection of 117 miscellaneous works, one entitled *Hsü shih chuan niao ming*, treating of the birds in the Book of Poetry. 26.8 x 16.8 cm. [G.]
- MARBURG. Gesellschaft zur Beförderung des ges. Naturwissenschaften in Marburg.**
1866-1930. Sitzungsberichte.
1923-30. Schriften.
- MARCGRAVIUS, GEORGIUS** [1610-44].
1648. G. M. . . . Historiae rerum naturalium Brasiliae libri octo. folio.
A famous treatise by this naturalist-physician, a joint work with G. Piso . . . de medicina Brasiliensi libri quatuor, etc. (q.v.).
1658. G. M. . . . tractatus . . . Brasiliae, etc. folio.
A conjoint treatise with G. Piso (entitled) *De Indiae utriusque re naturali et medica libri quatuordecim*, etc.—one of the earliest works on South American zoology.
- MARCH, W. T.**
1863. Notes on the Birds of Jamaica, with remarks by Baird. Philadelphia.
- MARCHANT, JAMES ROBERT VERNAM and WATKINS, WATKIN.**
1897. Wild birds protection acts, 1880-96. 2nd ed. 8vo. pp. xiv+174. append. index. London.
An important work of reference for those interested in the subject.
- MARCHESA, VOYAGES OF THE.** See GUILLEMARD, FRANCIS HENRY HILL, 1886.
- MARCUELLO, FRANCISCO.**
1617. Primera parte de la historia natural, y moral de las aves. 8vo. pp. 28+220 num. folios. figs. in text. Zaragoza.
This interesting, exceedingly rare and curious work is probably the first systematic Spanish work on ornithology. Although the writer projected other volumes only this first one was published. There is no copy in the library at Tring, in the collection of the Zoological Society, nor in Nat. History library of the British Museum, nor in any of the Oxford or Cambridge libraries. The volume in hand is from the library of Don Pedro Salvá y Mallén in whose published catalogue (Tom. II, p. 405) it is described as follows: 'Solo se publicó esta primera parte. Describe Marcuello la historia natural de cada pájaro, y á continuacion saca una moralidad, á verzes ingeniosas, deducida de las buenas ó malas inclinaciones del ave, la que aplica á las de igual clase, que realzan ó rebajan al género humano.'
'Nic. Antonio llama Lucas al autor en verz de Francisco.'
- MAREY, ÉTIENNE JULES** [1830-1904].
1874. Animal mechanism: a treatise on terrestrial and aerial locomotion. 8vo. pp. xvi+283. 101 figs. index. New York.
This first edition of an essay by an authority on animal aeronautics forms vol. XI of the celebrated *International Scientific Series* and in view of the recent rise of aviation in the world of science, war, and commerce, has become quite rare. Several other editions have been published, the third in London, 1883, pp. 16+283, with text illustrations.
1890. Physiologie du mouvement; le vol des oiseaux. 4to. pp. 2+39. 1 pl. 164 text-figs. Paris.
A masterly treatment of bird flight from the earliest times to the present, especially from the mathematical viewpoint.

1767. Storia degli Uccelli. 5 vols: 4to: Inuy col. M. Firenze.

/Alli's/

896. Marcou, J. Life, letters and works of Agassiz. 2 v. 8vo. ports.,

Manson, R. 1898. Zig-zag ramblings of a naturalist. 2^d ed. 8vo. pl.

Manelli, Elenco sistematico de la fauna de la Provincia de Buenos Aires.

→ Marshall, G. M. 1894. *Biological lectures, etc.*

→ Marmocchi, F. C. 1844. *Prodromo della storia naturale generale e comparata d'Italia*. pp. 1363. 1 map. Firenze.

→ Marples, George and Anne. *Sea Terns or Sea Swallows: Their habits, language, arrival and departure.*

London

1895. Movement. 8vo. pp. xv+323. 204 figs. *index.* New York.

This excellent translation from the original French is a comprehensive summary of the possibilities of instantaneous photography, the book also being replete with suggestiveness of new lines of research in the matter of movement. The flight of birds will be found described on pp. 226-38, the rise and fall of the wings being determined by the use of Chronophotography. The work forms vol. LXXIII of the *International Scientific Series*.

MARINE BIOLOGICAL ASSOCIATION OF SAN DIEGO. California University.

1904-11. Continued as Bulletin of the Scripps Institution for Biological Research, California University.

MARINE BIOLOGICAL ASSOCIATION OF THE UNITED KINGDOM. Plymouth.

1887-8. Journal.
1889-date. Journal. New series.

MARINE BIOLOGICAL LABORATORY, WOOD'S HOLE, MASS.

1890-9. Biological Lectures.
1898-9. Zoological Bulletin. Vols. I-II. Fore-runner of the Biological Bulletin.

MARINE RESEARCH SOCIETY.

Salem, Mass.
1922-date. Log.
1922-date. Publication.

MARK, EDWARD LAURENS [1847-].

1903. Mark anniversary volume. To Edward Laurens Mark, Director of the Zoological Laboratory at Harvard University in celebration of twenty-five years of successful work for the advancement of zoology, from his former students 1877-1902. 4to. pp. xiii+513. front. (portr.). 36 pl. (partly col.). T. of c. New York.

MARKHAM, ALBERT HASTINGS [1841-? 1913].

1881. A Polar reconnaissance . . . Voyage of the 'Isbjörn' to Novaya Zemlya in 1879. 8vo. pp. 16+361. 2 maps. illust. London.
Capt. H. W. Feilden made notes on the birds; while Dr. Günther described the fishes.

MARKHAM, GERVASE [? 1568-1637].

1676. Cheap and good husbandry for the well-ordering of all beasts and fowls. 13th ed. 4to. pp. [10]+146+[10]. *index.* London.
A curious old work which passed through many editions, the first in 1614.

MARKS, JEANNETTE AUGUSTUS [1875-] and **MOODY, JULIA.**

1910. A holiday with the birds. 8vo. pp. xi+211. front. (col.). 15 pl. T. of c. New York.

MARLBOROUGH COLLEGE NATURAL HISTORY SOCIETY.

1866-1930. Report. Marlborough.

MARRINER, GEORGE R.

1908. The kea; a New Zealand problem including a full description of this . . . bird, together with the theories to explain its sheep-killing propensities. 8vo. pp. 151. front. 44 figs. 1 map. T. of c. bibliogr. Christchurch, N.Z.

1909. The kea, etc. 8vo. pp. 151. front. 44 figs. (1 portr.). 1 map. T. of c. bibliogr. London.
An exact reprint of the first issue, 1908.

MARRIOTT.

n.d. (The) parrot-keeper's guide, comprising the natural history of macaws, cockatoos, parrots, parrakeets, lorries and love-birds. 16mo. pp. 48. front. 26 pl. 2 figs. *index.* London.

MARSCHALL, AUGUST FRIEDRICH [1804-87].

1873. Nomenclator zoologicus, continens nomina systematica generum animalium tam viventium quam fossilium, etc. 8vo. pp. 4+482. Vindobonae.
Lists 19,966 entries, but Scudder (*Nomenclator zoologicus*, 1882) states that it is inaccurate and unreliable.

MARSEILLES.

1882-1930. Annales du Musée d'Histoire Naturelle. See also MUSÉE D'HISTOIRE NATURELLE DE MARSEILLES.

MARSH, E. L.

[1919]. Birds of Peasemars. 8vo. pp. (12)+233. 7 pl. T. of c. Toronto.
An account of the birds of Peasemars Sanctuary, Georgian Bay, Canada.

MARSH, OTHNIEL CHARLES [1831-99].

1878. Introduction and succession of vertebrate life in America. 4to. pp. 57. (*Proceedings of the American Assoc. Adv. of Science*, 1877.)

Autographed present from the writer.

1880. History and methods of palaeontological discovery. 4to. pp. 50. New Haven.
Presentation copy from author, with autograph.

1880. Odontornithes. A Monograph of the Extinct Toothed Birds of North America. 4to. pp. 201. 34 pl. 40 figs. in text. Washington.

MARSHALL, ARTHUR MILNES [1852-93].

1893. Vertebrate embryology; a text book for students and practitioners. 8vo. pp. xxiii+640. 255 figs. *index.* New York.

**** and **HURST, C. HERBERT.**

1895. A junior course of practical zoology. 4th ed. 8vo. pp. xxxii+486. 73 figs. *append. index.* London.

The first edition was published in 1887; the second in 1888; the third in 1892; the sixth in 1905; the eighth in 1918; and the ninth in 1920.

1905. Junior course of practical zoology. 6th ed. 8vo. pp. xxxiv+490. 75 figs. *append. index.* London.

1918. A junior course of practical zoology. 8th ed., revised. 8vo. pp. xxxvi+515. 94 figs. *append. index.* London.

1920. A junior course of practical zoology. 9th ed. 8vo. pp. xxvi+517. 94 figs. *append. index.* London.

1928. The frog; an introduction to anatomy, histology, and embryology. 12th ed. 8vo. pp. 10+182. *illust.* London.

MARSHALL, CHARLES HENRY TILSON and **MARSHALL, GEORGE FREDERICK LEYCESTER.**

1870-1. A monograph of the Capitonidae, or scansorial barbets. 4to. pp. (10)+xli+(1)+(190). 73 pl. (col.). T. of c. *index.* London.

This fine monograph was issued in nine parts, of which pts. I-V appeared in 1870 and pts. VI-IX in 1871. The introductory matter is said to have appeared in pt. V. In the present copy pl. Nos. 1, 5, 14, 15, 19, 20, 21, 24, 38, 43, 45, 47-51, 54, 55, and 68 are original water-color copies—not the printed plates as issued.

- **** and **HUME**, A. O.
1879-81. The game birds of India, Burmah and Ceylon. See HUME, A. O. and MARSHALL, C. H. T.
- MARSHALL**, ELIZABETH J. and **McGREGOR**, R. C.
1922. Philippine birds for boys and girls. See MCGREGOR, R. C. and MARSHALL, E. J.
- MARSHALL**, GEORGE FREDERICK LEYCESTER and **MARSHALL**, C. H. T.
1870-1. A monograph of the Capitonidae. See MARSHALL, C. H. T. and MARSHALL, G. F. L.
1877. Birds' nesting in India; a calendar of the breeding seasons, and a popular guide to the habits and haunts of birds. 8vo. pp. (8)+183. 12 pl. *T. of c.* Calcutta.
- MARSHALL**, H. R.
1898. Instinct and Reason, etc. *New York.*
- MARSHALL**, WILLIAM ADOLF LUDWIG [1845-1907].
1887. Atlas der Tierverbreitung. folio. col. pl. *Gotha.*
1889. Die Papageien. 8vo. pp. 4+63. 63 col. pl. 1 col. map. (*Zoologische Vorträge*, Heft 1.) *Leipzig.*
A general description of the order *Psittaci*, with tables showing the distribution of species and genera. The copy in hand is from the Reichenow Library, and is one of similar treatises by the same author on other avian orders.
1889. Die Spechte (Pici). 8vo. pp. [4]+76. map. (*Zoologische Vorträge*, Heft 2.) *Leipzig.*
A general description of the woodpeckers, with tables and a map showing the distribution of the species and genera. The treatise is compiled in uniformity with his monograph on the Parrots. The copy in hand is from the Reichenow Library.
1895. Der Bau der Vögel. 8vo. pp. 8+462. 220 figs. in text. *Leipzig.*
An excellent, well-illustrated manual on the structure and minute anatomy of the bird. The present copy is from the library of Prof. A. Reichenow.
1895. Plaudereien und Vorträge. Erste und Zweite Sammlungen. 2 vols. 8vo. illust. *Leipzig.*
Two series of chapters on bird-life in Europe.
1898. Bilder-Atlas zur Zoologie der Vögel. 4to. pp. 194. 238 woodcuts. *Leipzig and Vienna.*
One of a series of Atlases. The drawings are good, faithfully depicting species of 17 orders of aves. The volume is rather scarce. The copy in hand is one of the Cabanis-Reichenow collection.
1911-13. (Die) Vögel. See BREHM, A. E.
[1923]-7. Bilderatlas zur Tierkunde, mit beschreibendem Text. 2te Aufl. 4 vols. in 1. folio. illust. *Leipzig.*
- MARSIGLI**, LUIGI FERDINANDO [1658-1730].
1726. Danubius Pannonico-Mysicus, etc. 6 vols. folio. illust. *Hagae Com. et Amsteld.*
An early classic on the natural history of the River Danube with an account (vols. IV-VI) of the animals living in it and about its course; a description of the fishes, the birds and their nests, the quadrupeds roaming the banks, etc.
- MARSTON**, ROBERT BRIGHT [1853-]. 1904.
See AFLALO, F. G.
- MARTENS**, EDUARD CARL VON [1831-1904].
1867-76. Die Preussische Expedition nach Ost-Asien, etc. 4 vols. 8vo. illust. *Berlin.*
Two volumes are devoted to zoology, edited by E. v. Martens, an important contribution to a little-known faunal region.
1869-79. See DECKEN, C. C. VON DER.
- MARTENS**, FRIEDRICH.
1675. Spitzbergische oder Groenlandische Reise Beschreibung gethan im Jahr 1671. 4to. pp. 8+132. 16 pl. *Hamburg.*
This work furnishes the first exact description of Arctic Zoology, and is very rare, a facsimile print of it having been made by the Hakluyt Society.
- MARTIN**, Mrs. ANNIE.
1890. Home life on an ostrich farm. 8vo. pp. 288. front. 7 pl. *T. of c.* *London.*
A popular account of the breeding and rearing of ostriches in South Africa.
- MARTIN**, EDWARD ALFRED.
[1897]. A bibliography of Gilbert White. 8vo. pp. xiii+274. front. 4 pl. (1 map). *Westminster.*
This book, published under the auspices of the Selborne Society, not only contains an account of the celebrated naturalist, but also an almost complete list of the various editions of his work from 1789-1895, in all about 60.
- MARTIN**, ERNEST WHITNEY [1873-].
1914. The birds of the Latin poets. pp. (4)+260. bibliogr. index. *Stanford University, Calif.*
A successful attempt to present, in their own words, a picture of the Roman attitude towards bird life as reflected by their greatest poets. The collected material is fairly comprehensive down to the second century of the Empire, the thread being resumed in the Latin Anthology.
- MARTIN**, HORACE TASSIE [1859-?98].
1892. Castorologia, or The history and traditions of the Canadian beaver. 8vo. pp. 16+238. 14 pl. 2 maps. append. *Montreal and London.*
A presentation copy from the author, with autograph.
- MARTIN**, MARTIN [-1719].
1698. A late voyage to St. Kilda. 1 vol. 8vo. *London.*
- MARTIN**, PHILIPP LEOPOLD.
1869-82. Die Praxis der Naturgeschichte. 5 pts. and an atlas. 8vo and 4to. *Weimar.*
This treatise teaches fully (pp. 10+216, 10 pl.) Taxidermy, 1876; Dermoplastik and Museum preparations in general (pp. 16+295, 10 pl.) 1880; the divisions and annexes of a zoological garden, their arrangement and care (pp. 9+252, 12 pl.) 1878, and the confinement and treatment of the birds, mammals, reptilia, amphibia, &c., in menageries, parks, and gardens (pp. 15+210) 1882. Altogether it is a most useful work for those engaged in any of the practical departments of zoology. There seem to have been other printings of the work, the above being (in part) the second edition.
- MARTIN**, R.
1834-5. History of British Colonies. 5 vols.
- MARTIN**, W.
1930. The New Zealand Nature Book. 12mo. pp. 15+235. 65 pl. index. *Auckland.*
A popular manual on natural history for use in schools.
- MARTIN**, WILLIAM CHARLES LINNAEUS [1798-1864].
1852. A general history of humming-birds, or the *Trochilidae*: with especial reference to the collection of J. Gould. 8vo. pp. vii+232. 16 pl. (col.). index. *London.*
A small work supplementing Jardine's *Natural History of Humming-birds*; according to Coues, it was issued as a later volume of that series.
1854. The feathered tribes of the British Islands. See MUDIE, ROBERT.

1904. Die Tiere der Erde. 3 v. col. pls., figs. Stuttgart.

v.d. An introduction to the study of birds; or, The elements of ornithology on scientific principles, etc. Am. 12^{mo}. 524 pp. London.

→ Martinielli, F. 1872. Memoria s. collezione di Colombi nostrali. 4to.
Les apparitions des turdides.

MARTINENGO-CESARESCO, EVELYN LILIAN HAZELDINE (CARRINGTON) [1852-?1912].

1909. The place of animals in human thought. 8vo. pp. (4)+376. front. 33 pl. index. London.

Reprinted in part from the *Contemporary Review*, and here put into book form. An account of Greek and Hebrew conception of animals, animals in Eastern fiction, and the growth of modern ideas about animals.

MARTINI, FRIEDRICH HEINRICH WILHELM. See BUFFON, 1772-1809.

MARTIN SAINT-ANGE, GASPARD JOSEPH [1803-88] and GUÉRIN, F. E.

1834-40. *Traité élémentaire d'histoire naturelle comprenant l'organisation, les caractères et la classification des végétaux et des animaux, les mœurs de ces derniers, etc.* Livr. 1-48. 4 vols. 8vo. pl. (All pub.) Paris.

A very rare and important, though incomplete treatise on natural history. According to Engelmann's *Bib. Histor.-Nat.*, vol. i, p. 181, this work was published in three vols., of which vol. I, on zoology and comparative anatomy, was issued in 55 *livraisons*; vol. II on botany in 17 *livraisons*, and vol. III on mineralogy and geology in 5 *livraisons*.

MARTIUS, C. F. P. VON.

1823-31. *Travels in Brazil in the years 1817-20.* See SPIX, JOHANN B.

MARTORELLI, GIACINTO.

1895. *Monografia illustrata degli uccelli di Rapina in Italia.* 4to. pp. 6+215. 4 col. pl. text-figs. Milano.

A brochure on Italian accipitres and other rapacious birds.

1906. *Gli Uccelli d'Italia.* 4to. pp. 16+679. 6 col. pl. text-figs. Milano.

A popular textbook dealing to some extent with ornithology in general, but chiefly furnishing a good description of local avifauna. A revised edition is in process of publication, headed by the names of the ornithologists Edgardo Moltoni and Carlo Vandoni.

MARTYN, WILLIAM FREDERIC.

1785. *A new dictionary of natural history.* 2 vols. 4to. pl. (col.). London.

A rare work devoted to the popular side of natural history, more particularly based on the collections in the Leverian Museum established by Sir Ashton Lever in Leicester Square, London, in 1774.

MARVELS OF THE UNIVERSE. See JOHNSTON, HARRY, and others, 1926.

(THE) MARVELS LIBRARY.

1926. *The marvels of animal ingenuity, etc.* See EALAND, C. A.

MARYLAND ACADEMY OF SCIENCES, BALTIMORE.

1921-date. Bulletin.

1837-1921. *Transactions* (all pub.).

MASEFIELD, JOHN RICHARD BEECH.

1897. *Wild bird protection and nesting boxes.* 12mo. pp. 129. 9 pl. 12 figs. in text. Leeds.

1906. *Dampier's voyages.* See DAMPIER, Capt. W.

MASIUS, HERMANN, i.e. KARL WILHELM HERMANN [1818-93].

1855. *Studies from nature [in North Germany].* 8vo. pp. viii+196. 8 pl. 4 figs. T. of c. London.

Translated from the German. The first printing was in 1852.

1862. *Die Thierwelt.* Jena.

An excellent, semi-popular account of world fauna.

1870. *Die Welt der Vögel.* See MICHELET, JULES.

MASON, FRANCIS [1799-1874].

1850. *The natural productions of Burmah; or, Notes on the fauna, flora, and minerals of the Tenasserim provinces and the Burman empire.* 8vo. pp. (14)+332. Maulmain.

Contains, *inter alia*, a short annotated list of the birds known to inhabit Burmah at that time. How little was known of the ornithology of Burmah 12 years previously may be gathered from the fact that Dr. Helfer who was about to proceed on an exploring expedition was told by Dr. Pearson in his official charge, that he might possibly find there the Dodo and the Cassowary!

1860. *Burmah . . . Notes on the nations, fauna, flora.* 8vo. pp. xvii+(1)+913. indexes. Rangoon.

The second edition; the first appeared in 1850, and a third in 1882-3, rewritten and enlarged by W. Theobald.

MASSACHUSETTS.

1838. *Reports of the Commissioners on the Zoological Survey of the State.* 8vo. pp. 107. Boston.

In this official report E. Emmons listed the Quadrupeds, pp. 5-30; W. B. O. Peabody the Birds, pp. 31-33; D. H. Storer the Reptiles and Fish, pp. 35-50. These lists were subsequently enlarged and the species described more fully in journals and other reports noted in this Catalogue.

MASSACHUSETTS AUDUBON SOCIETY.

Boston.

1917-date. Bulletin.

MASSACHUSETTS. Department of Agriculture. Division of Ornithology.

Annual report. 8vo. Edward H. Forbush, Director. Boston.

Contents and notes of first three issues:

No. 1 [1920]. pp. 46. *illust. T. of c.* Issued 1921.

No. [2]. 1921. pp. 41. *illust. T. of c.* Issued 1922.

No. [3]. 1922. pp. 23. Issued 1923. A useful serial regularly published every year to date. For a time a supplement, *Notes for Observers in Ornithology*, was issued separately on the 15th of each month. No more were published after March 1923.

1920-30. *Items of interest.* Published monthly by the Division of Ornithology, Dept. of Agriculture, Commonwealth of Mass., E. H. Forbush, Director. Mimeographed. pp. 3-6. Boston.

These notes were, naturally, descriptive of local avifauna, but often contained valuable records of migration, bird-banding, and other activities outside the State of Massachusetts.

MASSACHUSETTS SOCIETY FOR THE PREVENTION OF CRUELTY TO ANIMALS. See OUR DUMB ANIMALS.

MASSACHUSETTS. Zoological and botanical survey.

1839. *Reports on the fishes, reptiles and birds of Massachusetts.* pp. xii+426. 4 pl. index. Boston.

The report on the ornithology of the State by W. B. O. Peabody, will be found on pp. 257-404. Following the vernacular and scientific name of each species, is a short description of its general habits and distribution, etc.

1840. *Report on the quadrupeds of Massachusetts.* 8vo. pp. 2+86. Cambridge.

MASSÉNA, A. (Prince D'ESSLING).

1846. *Catalogue de la magnifique collection d'oiseaux de M. le Prince d'Essling.* 4to. pp. 41. Paris.

This collection was bought by Mr. Wilson and presented to the Academy of Sciences in Philadelphia where it still is. The title is also listed under Canivet [de Carentau], Emmanuel, who probably made the Catalogue.

MASSINGHAM, HAROLD JOHN.

[1921]. *Dogs, birds & others, natural history letters from 'The Spectator'.* 8vo. pp. 198. T. of c. London.

[**MASSINGHAM**, H. J. (*contd.*)]

[1921]. Some birds of the countryside. 8vo. pp. 208. *T. of c.* London.

[1922]. Poems about birds, from the middle ages to the present. 8vo. pp. 415. *index.* London.

[1923]. Untrodden ways; adventures on English coasts, heaths and marshes, and also among the works of Hudson, Crabbe, and other country writers. 8vo. pp. 11+255. *front. (col.). index.* London.

1924. Sanctuaries for birds and how to make them. 8vo. pp. (8)+160. 8 pl. 18 figs. *append.* London.

→ **MATERIALY K POZNANIŪ FAUNY I FLORY ROSSIISKOL IMPERII.** Moscow. 1892-1918? Otdiel Zoologischeskii.

MATHER, KIRTLEY F.

1930. Sons of the Earth. 100 *illust.* New York.

A popular work on paleontology written by the professor of geology in Harvard University. A very good review of the subject is the chapter on the 'family tree of the higher vertebrates'.

MATHESON, DARLEY.

1914. British game birds. 8vo. pp. 10+173. 31 pl. (10 col.). *T. of c.* London.

MATHEW, MURRAY ALEXANDER and **D'URBAN** W. S. M.

1892. The birds of Devon. See D'URBAN, W. S. M. and MATHEW, M. A.

1894. The birds of Pembrokeshire and its islands. 4to. pp. lii+131. *front. 3 pl. 1 fig. 2 maps. index.* London.

An interesting account of the 236 species recorded. Another edition (8vo) was issued the same year.

1896-8. See BUTLER, A. G.

MATHEWS, FERDINAND SCHUYLER [1854-].

1904. Field book of wild birds and their music; a description of the character and music of birds, and complete musical notations of bird songs. 8vo. pp. xxxv+262. *front. (col.). 52 pl. (37 col.). index.* New York.

A fairly successful notation of bird-song.

MATHEWS, GREGORY MACALISTER [1870-].

1910-28. The birds of Australia. 12 vols. *folio. col. pl. indexes. supplements.* London.

The latest and most comprehensive systematic treatise on Australian birds. The 12 volumes, with their supplements, are profusely illustrated by beautiful hand-colored plates after drawings by Grönvold, Keulemans, Lodge and other well-known artists. Every detail of a well-ordered, scientific monograph is given, accompanied by a Check list and followed by a Bibliography and biography of authors. The copy in hand has all the (dated) wrappers bound in.

1913. A list of the birds of Australia; containing the names and synonyms connected with each genus, species, and subspecies of birds found in Australia. 4to. pp. 26+453. *col. map.* London.

The author remarks that the above list is 'the logical sequence to his *Reference List to the Birds of Australia* published in *Novitates Zoologicae*, vol. XVIII'. After a somewhat controversial discussion of Australasian avian nomenclature he proceeds to furnish a tabulated list, with synonymy, types, type-localities, and range of all the Australian avifauna. There is appended a very complete and useful index, filling pp. 333-453. The work has become rather scarce; the copy in hand is from the Cabanis-Reichenow collection.

1920. Supplement No. 1. [to] The birds of Australia. Check list of the birds of Australia. Part I.

Orders Casuariiformes to Menuriformes. Showing under each genus and species every synonym at present known to the Author, with references to coloured plates in this work and in Gould's *Birds of Australia*. 4to. pp. iv+116. London.

1920-4. The birds of Australia. Check list of the birds of Australia. 3 pts. in 2 vols. *folio.* Being Supplement nos. 1-3 of his *Birds of Australia*. London.

**** and **IREDALE**, TOM.

1921. (A) manual of the birds of Australia. 8vo. pp. 24+279. 10 col. pl. Vol. I. (All pub.) London.

CONTENTS. Casuarii to Columbæ. A scientific handbook on Australian birds and some extra-limital species. The nomenclature, synonymy, diagnosis, habits, distribution, and sexual differences are, with other characters, concisely stated, and the work is unusually well illustrated. The whole forms, so far as it goes, an abbreviated treatise that combines the essential information, with additions to date, of the larger works of Gould and Mathews.

1923. Supplement No. 2. [to] The birds of Australia. Check list of the birds of Australia. Part 2. Order Passeriformes (part). *folio. pp. xvi+117-56. append.* London.

The present copy and Supplement No. 3 are in the original dated covers, enclosed in a cardboard case.

1925. The birds of Australia. Bibliography of the birds of Australia. Books used in the preparation of his work with a few biographical details of authors and collectors. 4to. pp. 8+149. *portr.* London.

A most useful review of the literature and brief account of the writers, a supplement to the comprehensive 1910-28 *Birds of Australia* (q.v.).

1927-30. Systema avium Australasianarum; a systematic list of the birds of the Australasian region. Prepared in conjunction with Special Committees of the British and American Ornithologists' Unions. 8vo. pp. x+426. *index.* [London.]

Embraces the Pacific Islands, from Easter Island to the Celebes. The classification is that of Sharpe's *Hand-list*. The nomenclature is founded on the Rules of the International Zoological Congress. The figure in brackets after the Latin name refers to the *Catalogue of Birds in the British Museum*. An endeavor has been made to fix the type-locality of every quotation and the genotype of each genus.

1928. The Birds of Norfolk and Lord Howe Islands, etc. 4to. pp. 139. *index. many hand-col. and monochrome pl.* London.

A well-made addition to the author's *Birds of Australia*, illustrated by Grönvold in his best style.

MATON, WILLIAM GEORGE [1774-1835].

1805. A general view of the writings of Linnaeus. See PULTENEY, R.

MATSCHIE, PAUL.

1893-date. See DEUTSCH-OST-AFRIKA.

1905. See SCHILLINGS, CARL GEORG.

1909. See BRAUER, AUGUST.

→ **MATTHEWS**, L. HARRISON. 1925. See 'DISCOVERY' REPORTS.

✓ **MA TUAN-LIN** [13th and 14th cent.].

1896. Wên hsien t'ung k'ao. Encyclopedia of general information, containing material about the animal kingdom, chüan 311-14. 24.4 × 15.2 cm. [G.]

no. birds

1931. Birds of the Beach. 8vo. pp. 309, 69 illus. London.

(Matthews. F.S.)

← 1921. Rev. int. ed. 1924. 325 p.

Matthews, G. ^{1844.} Traité des phénomènes électro-physiologiques
des animaux, suivi d'études anatom. sur
le système nerveux etc de la tortue par
Paul Savi. Paris, Fortin-Masson, ~~1844~~.
m-8, avec 6 pl. qui se déplient. Toile (5284)
v - XIX, 348 pp. ch.

→ Maund and Hall. 1837. The Naturalist. Vol. 1, 4to. col. pls. Groombridge.

→ Maurice, G.T.K. 192-. Observations and reflections on wild creatures. 286p.

o Prinz | Prinz |

Mayer, Joseph. ¹⁹³⁷. The seven seals of science. 111pp. ~~1927~~

The story of seven sciences - Mathematics, Astronomy,
Physics, Chemistry, Zoology, Botany & Psychology.

May, W. For an account of the smallest book on this subject, see
British Birds (Magazine) Vol. 18, pp. 258-259, 319 and Vol. 21, pp. 287-8,
where H.S. Gladstone describes a vol. by Alfred Nullo, 2.6 x 2.15 in, 1810 A.D.

MAUNDER, SAMUEL [1785-1849].

1848. (The) treasury of natural history; or, A popular dictionary of animated nature. 2 vols. 16mo. Vol. I, pp. xiv+408. front. 473 figs. (107 birds). T. of c. Vol. II, pp. 409-812. 381 figs. (114 birds). glossary. London.

MAXIMILIAN, Prince ZU WIED-NEUWIED. See WIED-NEUWIED, Prince ZU.**MAXWELL, AYMER** [1877-1914] and **MALCOLM, G.**

1910. Grouse and grouse moors. See MALCOLM, G. and MAXWELL, A.

1911. Partridges and partridge manors. 8vo. pp. xii+327. front. (col.). 15 pl. (col.). 5 diagr. 3 figs. index. London.

1913. Pheasants and covert shooting. 8vo. pp. ix+332. front. (col.). 15 pl. (col.). 5 diagr. index. London.

MAXWELL, HERBERT EUSTACE [1845-].

1904. British fresh-water fishes. 4to. pp. 8+316. pl. (The Woburn Library of Natural History.) London.

1909. Memories of the months. 5th series. 8vo. pp. xi+304. front. 5 pl. T. of c. London.

A rearranged collection of essays published in British general journals, mostly on bird lore.

1917. See CORNISH, CHAS. J.

MAXWELL, MARIUS.

1924. Stalking big Game with a Camera. 4to. pp. 20+311. index. append. New York.

A fine series of photographs of the larger (living) African fauna, with a preface by Sir Sydney Harmer. What an improvement on the methods employed by other 'hunters' who joyfully slaughter their victims to 'see what they look like'.

MAWSON, DOUGLAS [1882-].

[1915]. The home of the blizzard, being the story of the Australasian antarctic expedition, 1911-1914. 2 vols. 8vo. Vol. I, pp. xxx+349. 116 pl. (8 col.). 17 figs. T. of c. Vol. II, pp. xiii+338. 103 pl. (10 col.). 20 figs. 3 maps. 7 append. index. London.

References to birds and other animals are numerous.

MAY, W.

n.d. The little book of British birds. pp. vi+7-191. front. 46 pl. 1 fig (vignette). T. of c. London.

This little book—probably one of the smallest ~~and not the smallest~~ on British birds forms one of Tilt's handbooks for children each containing 48 plates, the present ones (woodcuts) being especially good for so small a volume. The size of this volume is three inches by two and one-half inches, probably the smallest format on birds yet published. The print is clear and easily read and the contents fairly good.

MAYER, A.

1821. Vollständiger Unterricht, wie Nachtigallen, Schwarzplattten, graue und gelbe Spottvögel zu fangen, etc. 12mo. pp. 8+96. T. of c. Pesth. The fourth edition of a scarce little work on local cage-birds, with directions as to catching, taming, and caring for them.

MAYER, ALFRED MARSHALL [1836-97].

1884. Sport with gun and rod in American woods and waters. 2 vols. 4to. Vol. I, pp. (4)+448. 20 pl. figs. T. of c. Vol. II, pp. (2)+449-888. 16 pl. figs. index. Edinburgh.

Volumes relating chiefly to the killing of birds, somewhat redeemed by reliable descriptions of the victims and by directions how to mount them.

MAYER, AUGUST FRANZ JOSEPH CARL [1787-1865].

1865. Ueber das Ei der Vögel und der Reptilien. 4to. pp. 95. 4 col. pl. Dresden.

This important tractate is an author's separate.

MAYER, CHARLES.

1921. Trapping Wild Animals in Malay Jungles. 8vo. pp. 207. illust. New York.

1924. Jungle Beasts I have Captured [in Borneo, Sumatra, &c.]. pp. 12+269. illust.

An interesting account, well written.

MAYNARD, CHARLES JOHNSON [1845-1929].

1870. The naturalist's guide in collecting and preserving objects of natural history, with a complete catalogue of the birds of the eastern Massachusetts. 8vo. pp. ix+170. 10 pl. append. index. Boston.

The first part is a taxidermist's manual, the second contains an annotated list of 299 species of birds, with notes on their distribution and habits. The present copy is one of the rare first edition of Maynard's first book. Another edition appeared in 1871, with a revised and enlarged printing 1877.

1871. The naturalist's guide, etc. 8vo. pp. vi+170. 10 pl. append. index. Boston.

This edition differs from that of 1870 only in having no frontispiece or list and explanation of plates.

1877. (The) naturalist's guide. 8vo. pp. ix+204. 11 pl. (2 col.). 2 append. index. Salem, Mass.

A revised and enlarged edition of the first issue of 1870, with two colored plates of birds.

1881. The birds of eastern North America; with original descriptions of all the species which occur east of the Mississippi River, between the Arctic circle and the Gulf of Mexico, with full notes upon their habits, etc. 4to. pp. iv+532. 35 pl. (col.). append. 3 indexes. Newtonville, Mass.

Zimmer (*Ayer Cat.*, p. 423) gives a full account of the chequered career of this important treatise, illustrated by means of colored lithographs drawn by the author. Another revised edition was published in 1889-95.

1888-94. Contributions to Science. 2 vols. 8vo. illust. Newtonville, Mass.

Irregularly issued essays, charmingly and accurately written, on numerous natural history subjects.

1889-95. The birds of eastern North America. Revised ed. Newtonville, Mass.

1890. Eggs of North American birds. Illustrated with ten hand-colored plates. 8vo. pp. iv+159. front. (col.). 9 pl. (col.). append. Boston.

1896. Handbook of the sparrows, finches, etc., of New England. 8vo. pp. vii+94. 1 diagr. 18 pl. (col.). 11 figs. append. index. Newtonville, Mass.

1898. A catalogue of the birds of the West Indies which do not occur elsewhere in North America north of Mexico. 8vo. pp. 40. 2 append. Newtonville, Mass.

1905. The warblers of New England. 8vo. pp. (8)+140. front. (col.). 18 pl. (hand-col.). 6 pl. (uncol.). 56 figs. append. addend. index. West Newton, Mass.

The first edition of this work was issued in 1901, with six parts and 13 plates, engraved and hand-colored by the author. The present copy bears date 1905 and is No. 110 of a 'Souvenir' edition of 500 copies.

[MAYNARD, C. J. (contd.)]

1910. An atlas of plates for the directory to the birds of Eastern North America. *front. (col.)*. 50 pl. (col.). 7 figs. (col.). *index*.

West Newton, Mass.

An ornithological Atlas, bearing the date of 1906 on the title-page, but not published until 1910. The 51 plates, some of which were drawn on stone, were used to illustrate the author's *Birds of Eastern North America*, but as the method of coloring many of them was quite different from that there employed, they are practically new plates. The remainder were engraved on wood especially for this book, the drawing and engraving being the work of the author, whilst the coloring was done under his supervision. The edition was limited to 100 copies of which the present one is No. 60, it having been especially colored and autographed by the author for Dr. Casey Wood. See attached letter dated December 27, 1922.

1916. A field ornithology of the birds of eastern North America. *8vo. pp. (2)+550. front. (col.)*. 1 pl. 423 figs. *append. index*. West Newton, Mass.

Written mainly for the identification of birds in the field, giving such points as form, flight, habits, and color that are readily seen by an ordinary field-glass. The songs or other sounds uttered by the birds are also given.

[1928]. Vocal organs of talking birds and some other species. Illustrated by the author. *12mo. pp. vii+380. front. (col.)*. 15 pl. (2 col.). 76 figs. *index*. West Newton, Mass.

MAYNARD, Mrs. LUCY WARREN.

1898. Birds of Washington and vicinity; including adjacent parts of Maryland and Virginia. *8vo. pp. 204. 18 figs. T. of c. index*. Washington.

1902. Birds of Washington and vicinity. Revised ed. *8vo. pp. 210. 18 figs. index*. Washington.

MAYOU, BESSIE.

[1877]. Natural History of Shakespeare. *pp. viii+220. index*. Manchester.

Mc. See also MAC and M'.

McATEE, WALDO LEE [1883-].

1905. Birds of the vicinity of the University of Indiana. (*Proceedings of the Indiana Academy of Sciences*, 1904.) *pp. 65-202. 32 figs. T. of c.*

Author's reprint. The total number of species is 225, which includes 70 per cent. of the birds from the entire State. Numerous tables are given summarizing the facts recorded in the body of the paper.

1905. The horned larks and their relation to agriculture. *8vo. pp. 37. front. 1 pl. 13 figs. index*. Washington.

1908. Food habits of the grosbeaks. *8vo. pp. 92. front. (col.)*. 3 pl. (2 col.). 40 figs. *T. of c.* Washington.

These lovely birds hitherto appreciated for their bright plumage, sweet song, and attractiveness as cage birds, are here shown by the present investigation to be entitled to every consideration at the hands of farmers owing to their services to agriculture in the eating of obnoxious weeds and invertebrates.

1911. Woodpeckers in relation to trees and wood products. *8vo. pp. 99. 12 pl. (2 col.)*. 44 figs. *T. of c.* Washington.

1926. The relation of birds to woodlots in New York State. *8vo. pp. 1-152. 4 pl. index*. (*Roosevelt Wild Life Bulletin*, vol. 4, no. 1.) Syracuse, N.Y.

[1927]. Propagation of game birds. *8vo. pp. (2)+57. 27 figs. T. of c.* Washington.

Author's separate.

This bulletin applies primarily to the ring-necked pheasant, bobwhite, quail, mallard duck, and the Canada goose, species with which most success has been achieved on American game farms.

McCAULEY, C. A. H.

1877. Notes on the ornithology of the region about the source of the Red River of Texas. (*Bulletin U.S. Geol. and Geograph. Survey.*) *8vo. pp. 655-95*. Washington.

Author's edition, containing very full and interesting field-notes on the habits of birds frequenting a tract of country of which little was known.

McCHESNEY, J. H.

1895. Descriptions of new species of fossils from the palaeozoic rocks of the Western States. *4to. pp. 76. illust.* Chicago.

Author's reprint from *Trans. Chicago Acad. of Sc.*, vol. I.

McCLYMONT, JAMES ROXBURGH.

1920. Essays on early ornithology. *8vo. pp. 35. 2 pl. T. of c.* London.

n.d. Notes and articles contributed to the Zoologist and the Emu; reprints selected by the author. *8vo. 14 pts. in 1 vol. phot.*

Presentation copy from author.

McCOY, FREDERICK [1823-99].

1855. Systematic description of the British palaeozoic fossils in the Geological museum of the University of Cambridge. *folio. pp. [773]. pl.* London.

1878-88. Prodomus of the Zoology of Victoria. Decades 1-17. *2 vols. 20 pls. 8vo. 200 col. pl.* Melbourne.

McCULLOCH, A. R. See BR. ASSOC. AD. SCIENCE, 1914.

McCULLOUGH, (Mrs.) MYRTLE (born REED) [1874-].

[c. 1904]. The book of clever beasts, studies in unnatural history. *8vo. pp. 10+231. illust. pl.* New York.

McDERMOTT, WILLIAM A.

1899. Birds and books; by Walter Lecky [*pseud.*]. *16mo. pp. 243*. Boston.

McEWEN, ROBERT STANLEY [1888-].

[1923]. Vertebrate embryology. *8vo. pp. xi+544. 252 figs. bibliogr. index*. New York.

MCGILL UNIVERSITY. Department of Zoology.

1901-3. Papers.

1917-date. Publications.

MCGILL UNIVERSITY PUBLICATIONS.

See CANADA. MCGILL UNIVERSITY.

McGREGOR, RICHARD CRITTENDEN [1871-].

1901. Land Birds of Santa Cruz Co., California. *8vo. pp. 22*.

Author's separate (*Pacific Coast Avifauna*, No. 2).

1903-24. Birds from Luzon, Mindoro, Palawan and various other provinces and islands of the Philippine Group. *8vo.* (Author's reprints.) Manila.

This well-known systematist, who has devoted the best years of his life to editing the *Bulletins of the Science Bureau* in which most of his scientific papers have been published, is the greatest living authority on the faunal life of the Philippine Islands. In addition to numerous papers he has published several text-books on the animals—mostly birds—of the U.S. possessions in the Far East.

→ McAtee, W.L. 1918. Natural history of the district of Columbia
142 pp. 1918.

Mc Kenney, E. A.
→ Bird City.

$\left| \begin{array}{c} C \\ U \end{array} \right|$

1904. Birds from Benguet Province, Luzon, and from the islands of Lubang, Mindoro, Cuyo, and Cagayancillo. *8vo.* pp. 16. *Manila.*

1904. The birds of Calayan and Fuga. Babuyan group. *8vo.* pp. 34. 5 pl. (*Bulletin of the Philippine Museum*, no. 4.) *Manila.*

Author's specially printed, local list of Philippine Islands birds.

1905. I. Birds from the islands of Romblon, Sibuyan, and Cresta de Gallo. II. Further notes on birds from Ticao, Cuyo, Culion, Calayan, Lubang, and Luzon. *8vo.* pp. 34. 11 pl. (3 of eggs). *Manila.*

These notes and descriptions of the birds from the above islands were issued as publications of the Philippine Bureau of Government Laboratories.

1905. I. Birds from Mindoro and small adjacent islands. II. Notes on three rare Luzon birds. *8vo.* pp. 32. 18 pl. *Manila.*

Specially entitled excerpts bound in the same wrapper.

**** and **WORCESTER**, DEAN C.

1906. A hand-list of the birds of the Philippine Islands. *4to.* pp. 123. 2 indexes. *Manila.*

The 'Hand-List' gives in systematic sequence a list of all the birds hitherto known to occur in the Philippine Islands, numbering 692 species.

1909. (A) manual of Philippine birds. 2 vols. *8vo.* pp. 16+769. indexes. *Manila.*

A complete and well-known monograph on the birds of the Philippine Islands, with a full description of each species, their synonymy, habits, nidification, and distribution. The volumes in hand are the author's own interleaved copy with numerous notes. They were presented by him to the E.S.W. Library. He has autographed the first volume and in it made this notation: 'This copy was used by me in making the index; it also includes a duplicate proof of the index. Bound in two volumes by a native Filipino binder in Manila.'

1915. Birds in their economic relation to man. *8vo.* pp. 14. 12 figs. *Manila.*

1920. Index to the genera of birds. *4to.* pp. 185. *Manila.*

There are 8,839 names catalogued in this very useful index (that includes subgenera) based on Bonaparte's *Conspectus*, Gray's *Hand-list*, the *Catalogue of Birds in the Br. Museum*, Sharpe's *Hand-list*, Dubois' *Synopsis*, and in three lists by C. W. Richmond. The book in hand is a presentation copy to Casey Wood from the author.

**** and **MARSHALL**, ELIZABETH J.

1922. Philippine birds for boys and girls. *8vo.* pp. 138. front. (col.). 5 pl. (col.). 26 figs. *Manila.*

A useful guide to the commoner varieties of Philippine birds. A second edition was issued in 1927 concerning which a letter from the author to Mrs. D. Marshall is inserted in the present copy.

McILHENNY, EDWARD AVERY [1872-] and **SHUFELDT**, ROBERT WILSON.

1914. The wild turkey and its hunting. *8vo.* pp. xi+245. 20 pl. (1 eggs). 1 fig. *Garden City, N.Y.*

McILWRAITH, THOMAS.

1866. List of Birds observed near Hamilton, Canada West. *8vo.* *Salem.*

1894. The birds of Ontario; being a concise account of every species of bird known to have been found in Ontario. 2nd ed. *8vo.* pp. 426. front. (portr.). 40 figs. addend. glossary. index. *Toronto.*

An annotated list of species, with descriptions of plumage, habitat, nests and eggs, &c.; a revised and enlarged edition of the first, 1886 issue.

McINTOSH, WILLIAM CARMICHAEL [1838-?1913].
1875. The marine invertebrates and fishes of St. Andrews. *folio.* pp. 6+186. 9 pl. (col.). *Edinburgh.*

**** and **MASTERMAN**, ARTHUR THOMAS.

1897. The life-histories of the British marine food-fishes. *8vo.* pp. 15+516. 21 col. pl. *London.*

[1917]. List of Works, Memoirs and Papers. *8vo.* *illust.* [O. 3299, viii.]

McKERROW, RONALD B.

1927. An Introduction to Bibliography for literary students. *8vo.* *Oxford.*

One of the sources of information used in compiling this INTRODUCTION and CATALOGUE.

McLEARN, FRANK HARRIS [1885-].

1924. Palaeontology of the Silurian rocks of Arisaig, Nova Scotia. *4to.* pp. 180. 30 pl. (*Canada. Geological Survey. Memoirs.*) *Ottawa.*

McMULLIN, S. H.

[1879]-86. Illustrations of the nests and eggs of birds of Ohio with text. See JONES, H. E.

McMURTIE [MCMURTRIE, MCMURTIER], HENRY.

1834. Cuvier's Animal Kingdom arranged according to its organization. Translated from the French and abridged for the use of Students. *8vo.* *illust.*

McNIELE, J. H.

1925. Two ornithologists on the lower Danube. See SWANN, H. KIRKE.

McQUADE, JAMES.

1885. The cruise of the Montauk to Bermuda, the West Indies and Florida. *8vo.* pp. xv+441. front. 15 pl. 1 fig. *T. of c.* *New York.*

M'VEAN, COLIN A.

[1877]. Notes on the ornithology of Yeddo. *8vo.* pp. 11. *[Tokyo.]*

McWILLIAM, JOHN MORELL.

1927. The birds of the Island of Bute. *8vo.* pp. (4)+128. 9 pl. (1 map). 3 append. index. *London.*

MECKEL, JOHANN FRIEDRICH [1781-1833].

1826. Ornithorynchi paradoxi descriptio anatomica. *folio.* pp. 63. 8 pl. *Lipsiae.*

One of the first anatomical descriptions of the Duckbilled Platypus — by a famous comparative anatomist.

MECKLENBERG.

1847-30. Archiv d. Vereine d. Freunde d. Naturgeschichte in Mecklenburg. Jahrg. 1-83. Register und Supplemente.

MEDIZINISCH-NATURWISSENSCHAFTLICHES ARCHIV. 1907-10. *Berlin.*

MEDIZINISCH-NATURWISSENSCHAFTLICHE GESELLSCHAFT ZU JENA.

1878-1913. Denkschriften.

1877-1914. Sitzungsberichte der Jenaischen gesel. f. med. u. natur.

- MEDLOCK, HENRY.**
1853. The book of nature, introduction to the sciences of . . . zoology. By F. Schoedler. 1st American ed. . . . translated from the 6th German ed. by H. Medlock. See also SCHOEDLER, F. K. L.
[1862]. Elements of natural philosophy, by F. Schoedler. Second edition, translated from the 6th German ed. by H. Medlock. New edition, &c. See SCHOEDLER, F. K. L.
- MEEK, ALEXANDER** [1865-].
1922. Essentials of zoology. 8vo. pp. xii+325. 145 figs. index. London.
- MEEK, ARTHUR S.**
[1913]. A naturalist in cannibal land. 8vo. pp. xviii+238. front. 31 pl. index. London.
An interesting account of the author's wanderings in Australia and New Guinea. References to birds are numerous throughout the volume. The present Lord Rothschild wrote an introduction to the volume.
- MEERWARTH, H.**
[1908]. Lebensbilder aus der Tierwelt. 2nd series. Birds. 8vo. pp. 8+596. num. pl. T. of c. Leipzig.
A profusely illustrated, popular description of a selection of interest-birds from all over the world. The well executed photo-plates (over 200) add greatly to the value and attractions of the work. The present copy is from the Cabanis-Reichenow collection.
- MEGENBERG, KONRAD VON** [1309-78].
1478. Das Buch der Natur. folio. 290 leaves. Johann Bämmler. Augsburg.
This second edition of the first German book on natural history contains 12 full-page woodcuts contemporarily colored. For complete collation see Hain no. 4042. This copy, bound in original oak boards with leather back, lacks pp. 279 and 288 of the text. From the dealer's description is abstracted the following:
Small folio. 290 (of 292) leaves, 28 lines to the full page without marks. Gothic letter. Ornamental initials. (Fol. 1:) Das Register . . . (Fol. 4:) Hye nach volget das buch der natur . . . (Fol. 292:) Hie endet sich das buch der natur. Das hat getruckt vn volpracht Johannes Bämmler zu Augspurg. An mitwoch vor Bartholomei. Ano re, in dem. lxxviii. jare . . .
Second Edition. The (colored) cuts are identical with those of the first edition. They represent the following subjects: 1. A man being examined by two doctors. 2. The world, the solar system, and heaven. 3. Quadrupeds. 4. Birds. 5. Wonders of the Sea. 6. Fishes, etc. 7. Serpents and mythical animals. 8. Insects. 9-10. Trees and flowers. 11. St. Ulrich holding the fish. 12. Monstrosities. The two missing leaves (279 and 288) are unimportant and consist of text only. There is no copy in the British Museum or in the Bodleian library, and Schreiber records but five examples. The copy in hand is in fine state, crisp and untouched. The woodcuts of the *editio princeps*, 1475, Bämmler, always appear uncolored; the illustrations of the present copy may, consequently, be regarded as the earliest portraits of birds in color to be found in any printed book. The copy in hand has a script index.
- MÉHELÿ, L. VON.**
1900. See BUDAPEST.
1901. See ZICHY, J.
- MÉHEUT, M.**
1913. Étude de la mer; faune et flore, etc. 2 vols. folio. Paris.
An edition, practically a reprint of the first edition, with a preface by Yves Delage, appeared in 1924. It has pp. 414 and 50 col. pl., mostly of fishes.
- MEINERTZHAGEN, DANIEL** [1875-98] and **HORNBY, R. P.**
1899. Bird life in an arctic spring. 8vo. pp. [6]+150. 27 photopl. London.
The posthumously published diary of a young naturalist—completed by a friend.
- MEINERTZHAGEN, R.**
1930. See NICHOLL, MICHAEL.
- MEISEL, MAX.**
1924-9. A Bibliography of American Natural History; the Pioneer Century, 1769-1865. 3 vols. 8vo. Brooklyn.
This practical series discusses the role played by scientific societies in the progress of botany, paleontology, zoology, etc., in America, giving a history of their foundation, activities, publications, officialdom, from the middle of the eighteenth century to the year 1865.
- MEISNER, CARL FRIEDRICH AUGUST** [1765-1825].
1804. Systematisches Verzeichniss der Vögel. 8vo. pp. 6+70. Bern.
- **** and SCHINZ, H. R.**
1815. Die Vögel der Schweiz, systematisch geordnet und beschrieben, mit Bemerkungen über ihre Lebensart und Aufenthalt. 8vo. pp. xxviii+327. col. pl. Zürich.
An enlarged edition of these authors' *Systematisches Verzeichniss der Vögel*, 1804, forming a descriptive catalogue of Swiss Birds. The colored frontispiece, representing *Sterna leucopetra*, so often missing, is bound in at the back of the present copy. It has also many MS. notes; five pages of them at the end of the book.
- MELA, AUKUSTI JUHANA** [d. 1904].
1885. Fauna. Helsingfors.
A useful reprint from *Finlands Geografi*.
[1909]. Suomen Luurankoiset-Vertebrata Fenica-toinen kokonaan uudistettu painos toimittanut K. E. Kivirikko. 8vo. pp. 10+532. illust. maps. Porvoossa.
A treatise in Finnish on Scandinavian vertebrates, especially those of Finland.
- MÉLANGES DE LA SOCIÉTÉ LINÉENNE DE BORDEAUX.** 1831-date. See BORDEAUX.
- MELBOURNE. National museum.**
1929. Illustrated guide to the collection of fossils in the National museum of Victoria. 8vo. pp. 10+55. illust. Melbourne.
- MELL, RUDOLF.**
? 1925-9. Beiträge zur Fauna sinica. Pts. 1-4. Grundzüge einer Oekologie der chinesischen Reptilien u. einer herpetologischen Tiergeographie Chinas.
This is an important series on Chinese reptiles.
- MELLANDER, J.** See THUNBERG, C. P., 1822-3.
- MELLERSH, W. L.**
1902. A treatise on the birds of Gloucestershire. 8vo. pp. viii+111. map. 6 pl. T. of c. index. Gloucester.
- MELLET, J.**
1823. Voyage dans l'Amérique, etc. Agen.
- MELLIS, JOHN CHARLES.**
1875. St. Helena . . . including its fauna, flora, etc. 4to. pp. 14+426. pl. map. London.
- MELVILLE, ALEXANDER GORDON** and **STRICKLAND, H. E.**
1848. The dodo and its kindred. See STRICKLAND, H. E. and MELVILLE, A. G.
- MÉMOIRES DE L'ACADÉMIE DES SCIENCES . . . FRANCE.** See ACADEMIE DES SCIENCES DE L'INSTITUT DE FRANCE. 1901-22.

Meise, W. 1928. Verbr. d. Gaskrähe.

1930. Die Vogelwelt der Mandchurei.

Meisner, F. 1820. Museum der Naturgeschichte Helvetiens. vol. 1 (all part) 4 to. 13 (11 col.) pls.
Bern.

Meek, J. E. 1904. Fresh water fishes of Mexico, north of the isthmus of Tehuantepec. 8vo. illus., Chicago.

Mehely, 1905. Die herpetol. Verhältnisse d. Messek. Gebirges unnd. Kapela. 4/bis

Meinert, 1890. Crustacea Malacost. Saml. of "Hauds" Togten. 2 pls., atlas.

Melville, Herman 1933. Moby Dick. Abridged edition. pp. 360. London.

1758. Mémoire instructif sur la manière de rassembler, de préparer, de conserver, et d'envoyer les diverses curiosités d'histoire naturelle. 8vo. 25 fold. pls., Lyons.

compte rendu

→ Menabeus, A. (From Salamander Book Shop).

→ Menegany. Etude des oiseaux de l'équateur.

MÉMOIRES POUR L'HISTOIRE NATURELLE DE LANGUEDOC. 1737. Paris. (Wanting.)

MÉMOIRES DE LA SOCIÉTÉ DE PHYSIQUE ET D'HISTOIRE NATURELLE DE GENÈVE. 1821–date. See GENEVA. (Wanting.)

MÉMOIRES DE LA SOCIÉTÉ DES SCIENCES NATURELLES DE MAROC. 1921–8. Pts. 2–18.

MÉMOIRES DE LA SOCIÉTÉ DES SCIENCES NATURELLES DE NEUCHÂTEL. 1836–1914. 1–5 (all pub.).

MÉMOIRES DE LA SOC. DES SCIENCES NATURELLES DE SEINE ET OISE, précédé d'un compte rendu des travaux de cette Soc. depuis sa fond. jusqu'à l'année 1842. 1835–42. 2 vols. Versailles.

MÉMOIRES DE LA SOCIÉTÉ DES SCIENCES NATURELLES DE STRASBOURG. 1830–70. Nos. 1–6 (all pub.).

MÉMOIRES DE LA SOCIÉTÉ DES SCIENCES PHYSIQUES ET NATURELLES DE BORDEAUX. 1855–date. See BORDEAUX.

MEMOIRS OF THE AMERICAN ACADEMY OF ARTS AND SCIENCES. 1785–1882. See AMERICAN ACADEMY.

MEMOIRS OF THE AUSTRALIAN MUSEUM, SYDNEY. 1851–date.

MEMOIRS OF THE MUSEUM OF COMPARATIVE ZOOLOGY, HARVARD UNIVERSITY. 1864–date. Vol. 1–date.

This important series began as the *Illustrated Catalogue*. After publication of eight annual numbers the name was changed.

MEMOIRS OF NATURAL SCIENCES. See BROOKLYN INSTITUTE OF ARTS AND SCIENCES.

MEMOIRS OF THE NUTTALL ORNITHOLOGICAL CLUB. 1886–1930. Published by the Club. 8vo. Cambridge, Mass.

The first four titles of this important serial read: *Bird Migration*, by William Brewster, pp. 22; *The Ipswich Sparrow*, by Jonathan Dwight; the *Birds of Essex Co., Mass.*, by C. W. Townsend, April 1905, and the *Birds of the Cambridge Region*, by Wm. Brewster, July 1906.

MEMORIA ANUAL D. BUENOS AIRES MUSEO NACIONAL DE HISTORIA NATURAL. 1924–date.

MEMORIA D. BUENOS AIRES MUSEO NACIONAL DE HISTORIA NATURAL. 1894–9. 1–6.

MEMORIAS D. R. ACADEMIA DE CIENCIAS EXACTAS, FÍSICAS Y NATURALES DE MADRID. 1850–date. See (R.) ACADEMIA DE CIENCIAS, etc. . . . MADRID.

MEMORIAS D. (R.) ACADEMIA DE CIENCIAS Y ARTES DE BARCELONA. 1876–date. See (R.) ACADEMIA DE CIENCIAS . . . BARCELONA.

MEMORIAS D. ACADEMIA MEXICANA DE CIENCIAS EXACTAS, FÍSICAS Y NATURALES. 1876–1910. See ACADEMIA MEXICANA, etc.

MEMORIE D. (R.) ACCADEMIA DELLE SCIENZE DELL' ISTITUTO DI BOLOGNA. See (R.) ACCADEMIA . . . BOLOGNA. 1850–1907.

MEMORIE APPARTENENTI ALLA STORIA NATURALE DELLA REAL ACADEMIA DELLE SCIENZE DI PARIGI. 1748–68. Vols. 1–13. 4to. (With 485 pl.) Venice. These volumes are a translation into Italian, some years later, of the *Mémoires* of the *Académie Royale des Sciences* of Paris, beginning 1716. The translated volumes contain some additional matter not appearing in the original French issues.

MEMORIE DELLA CLASSE DI SCIENZE FISICHE. BOLOGNA. See (R.) ACCADEMIA . . . BOLOGNA. 1908–date.

MENABENUS, APOLLONIUS.

1581. *Tractatus de Mango Animalis*, etc. 4to. Milan.

Extremely rare first, practically unknown, edition of this work on the Glutton, the Elk and the Reindeer. Not recorded by Agassiz; not in the British Mus. (Nat. Hist.)

MENAUT, E.

1874. *L'Amour maternel chez les animaux.* *illustr.* Paris.

MÉNÉGAUX, HENRI AUGUSTE [1857–].

1902–4. *Les Mammifères.* 8vo.

This treatise is Vols. I and II of J. O. E. Perrier's *La Vie des Animaux*. 1906–8. See FRANCE. EXPÉDITION ANTARCTIQUE.

1910. *Les oiseaux de France* [par] Gabriel Étoc (*pseud.*). Avec Préface par H. A. Ménégaux.

1912. *Catalogue des oiseaux de la collection Martottan du Muséum d'histoire naturelle de Paris.* 8vo. pp. 4+216. *index.* Tours.

This repaged separate gives a list of 4,000 bird-skins in the collection. 1913. *L'élevage de l'autruche, récolte et commerce des plumes.* . . . Préface de M. Edmond Perrier. 4to. pp. 156. *pl. diagr.* Paris.

On the culture of the ostrich for commercial purposes, especially in French territory. A presentation from the author.

1913. See LESSON, RENÉ PRIMEVÈRE.

1916–23. See BABAUT, GUY.

**** and RAPINE, J.

[1921]. *Les noms des oiseaux trouvés en France* (noms latins, français, anglais, italiens et allemands). 8vo. pp. 68. *index.* Paris.

**** and BABAUT, GUY.

1923. *Étude d'une collection d'oiseaux de l'Afrique orientale anglaise et de l'Ouganda.* 4to. pp. 157. 6 pl. 1 map (fold. col.). *T. of c.* Paris.

**** and BERLIOZ.

1923. *Oiseaux . . . de la Mission à Angola*, etc.

MÉNÉTRIÉS, EDOUARD [1802-61].

1832. Catalogue raisonné des objets de zoologie recueillis dans un voyage au Caucase et jusqu'aux frontières actuelles de la Perse. 4to. pp. 272. St. Pétersbourg.

[1835]. Monographie de la famille des Myotherinae où sont décrites les espèces qui ornent le musée de l'Académie impériale des sciences. 4to. pp. [2]+101. 16 pl. St. Pétersbourg.

An early, fundamental, and scarce monograph on the Pittas and allied genera. The copy in hand is a repaged separate from the P. L. Scater collection. Presentation copy to Geoffroy Saint-Hilaire from author, with autograph.

MENNESSIER DE LA LANCE, GABRIEL RENÉ [1835-].

1915-17. Essai de Bibliographie hippique, etc. 2 vols. and supplement. 8vo. [O. 7208.] Paris.

MENZBİR, MIKHAIL ALEKSANDROVICH.

1882. Ornithologičeskaya Evropejskoï gheografija Rossiï. In Russian only. 8vo. pp. 4+524. 8 col. pl. Moskva.

Monograph on the geographical distribution of the birds of Russia in Europe. A second edition appeared in 1892. The present copy was given by the author to P. L. Scater.

[1883]. Revue comparative de la faune ornithologique des gouvernements de Moscou et de Toula. 8vo. pp. 47. Moscou.

A local, distributive list of 266 species of indigenous and migrant birds observed in the Russian governments of Moscow and Toula.

1885. Oiseaux de la contrée Trans-Caspienne. See ZAROUDNOÏ, N.

1887. Vergleichende Osteologie der Pinguine in Anwendung zur Haupteintheilung der Vögel. 8vo. pp. (2)+105. 1 pl. (col. fold.). Moscou.

Places the penguins in a new subclass of birds, *Eupodornithes*, of mesozoic origin, with particular resemblances to *Ceratosaurus*.

1888-94. Ornithologie du Turkestan et des pays adjacents. 4to. pp. (14)+391. 15 pls. (col.). Moscou.

A monograph of the ornithology of Turkestan based on the birds collected by N. A. Syeverzov, and his MSS. thereon. The work was planned to occupy six volumes but was never completed. The present text, according to the announcement on the wrappers, was intended to form vol. II. The covers of the copy in hand are bound in at the end of the present text.

MERIDEN BIRD CLUB, REPORTS.

[1911-16]. Report 1st-3rd. 3 vols. 8vo. illust. Edited by Ernest H. Baynes. Boston.

Contributors to this interesting periodical are E. H. Baynes, Frank W. Howe, and others, dealing with bird protection, nesting sites, bird enemies, bird food, etc.

MERREM, BLASIUS [1761-1824].

1781. De Animalibus Scythicis apud Plinium. 4to. pp. 22. Goettingae.

1784-6. Beytraege zur besondern Geschichte der Vögel gesammelt. 2 pls. (all pub.). 4to. 12 col. pl. Göttingen.

A very rare and important item when complete. Plate 6 in the present copy is reproduced in good facsimile. Carus wrongly places the dates of publication as 1786-7.

[1812-13]. Tentamen systematis naturalis avium. 4to. pp. 24.

An excerpt with special MS. title, from the Cabanis-Reichenow collection of important reprints. The author divides the subclass *Aves* into *carinatae* and *ratitae*, as usual, but makes a plea for further anatomical subdivisions differing in many respects from other and popular classifications, all of which he tabulates and discusses. As the author says: 'Genera plerumque secundum Linneum allegavi, non quod optima, sed quod notissima sunt.' The work certainly ranks among the fundamentals in the literature of avian classification.

MERRETT, CHRISTOPHER [1614-95].

1666. Pinax rerum naturalium Britannicarum, etc. 8vo. pp. 30+221. London.

The first (and rare) printing of this British classic on natural history appeared in 1666, and although not of much scientific value is still one of the titles that should be known to the advanced student of zoology.

1667. Pinax rerum naturalium britannicarum, continens vegetabilia, animalia, et fossilia in hac insula reperta inchoatus. 12mo. pp. 32+223. Londini.

The official second edition of a celebrated work (chiefly on botany and medicine), with the date 1667 in Arabic characters, that serves, among other markings, to distinguish it from the intermediate printing with the date in Roman.

For zoologists Dr. Merrett's cyclopaedia is of great interest because it contains the earliest known list of British birds and something like a bibliography, on the last page.

Birds, pp. 170-84, comprise 170 species. The first edition is practically identical with the two printings collated in this catalogue. From the Dean Adams Library.

MERRIAM, CLINTON HART [1855-].

1877. A review of the birds of Connecticut. 8vo. pp. (2)+165. index. errata and addend. New Haven.

A model, annotated catalogue of 291 species. The present copy is an autographed gift from P. L. Scater.

1887. Report of the ornithologist [and mammalogist] for the year 1887. 8vo. pp. (4)+399-456. 2 figs. T. of c. index. Washington.

Author's special edition. One of a series of annual reports, all of which are to be found in the McGill libraries.

1888. Report on bird migration in the Mississippi valley in the years 1884-85. See COOKE, W. W.

1888. Report of the ornithologist and mammalogist, for 1888. 8vo. pp. (4)+477-536. 1 pl. 2 figs. T. of c. Washington.

1889. Natural history of the Tres Marias Islands, Mexico. 8vo. pp. 97. 2 figs. bibliogr. index. Washington.

A general account by the author; mammals and birds by E. W. Nelson.

1899. Results of a biological survey of Mount Shasta, California. 8vo. pp. 179. 4 pl. 46 figs. index. Washington.

1904. See PALMER, THEODORE.

1910. Check-list of North American birds. Prepared by a committee of the American Ornithologists' Union. 3rd ed. (revised). See AMERICAN ORNITHOLOGISTS' UNION.

1918. Review of the grizzly and big brown bears of North America. (Genus *Ursus*.) (*North Amer. Fauna*, no. 41.) 8vo. pp. 136. 16 pl. Washington.

1923. See CORNEAU, NAPOLEON A.

MERRIAM, FLORENCE AUGUSTA [1863-] (BAILEY, FLORENCE MERRIAM, Mrs.).

1899. Birds through an Opera Glass. 12mo. Boston.

MERRIFIELD, Mrs. MARY PHILADELPHIA [1804-89].

1860. (A) sketch of the natural history of Brighton and its vicinity. 8vo. pp. 12+227. map. London. Presentation copy from author.

1862. Natural History of Brighton. Letter laid in. A second edition; copy with author's letter laid in.

→ Merriam, Clinton Hart 1892. Geographic distribution of life in
North America. 64 pp. Colored ^{life} zone Maps.

- Meredith, Tasmanian friends and foes.

- Meyer und Möbius, 1865. Fauna d. Kieler Bucht Apistobranchia.
26 col. pl. Leipzig. | Bernhard |
- Meyer, Augenschmer und nutzlichen zeitvertreib.

Metcalf

- Metcalf. L.P. 1930. A text-book of economic zoology. 319 p.

- 1867. Les animaux à métamorphose. Tours.

MERRILL, FREDERICK JAMES HAMILTON [1861-1916].
1903. Natural history Museums of the United States and Canada. *Svo.* Albany, N.Y.

MERRILL, GEORGE PERKINS [1854-].
1920. Contributions to a history of American state geological and natural history surveys. *Svo.* pp. xviii+549. 37 pl. 2 append. *index.* Washington.

MERRILL, JAMES ANDREW [1861-].
[1902]. Studies in zoology; an introduction. *12mo.* pp. 232. *T. of c.* append. *glossary.* New York.

MERRILL, S.
1916. The Moose Book, etc. 1st ed. N.Y.

MERRIMAN, R. OWEN.
[1923]. Attracting birds with food and water. *Svo.* pp. 16. 11 figs. Ottawa.

MERSHON, W. B.
1907. The Passenger Pigeon. *illustr.* New York.

MESSAGER. (Sociétés Ornithologiques de la Suisse Romande.) Fribourg.

MESSAGER D'OISELLERIE. In Russian. Petrograd.

The only reference to this 'Guide to the Bird Trade' seen by the Compiler is in the List of Journals, *Internat. Cat. Scient. Publ.*, 1903, p. 186, where only the French title is given.

MESSAGER ORNITHOLOGIQUE. Brussels. 1894.

MESSAGER ORNITHOLOGIQUE. Moscow. 1910-17. Title in French, Russian, and German, the last as *Ornithologische Mitteilungen.* Vols. 1-8. *Svo.* Editor, G. J. Poljakoff. Moscow.

Dr. Ernst Hartert (Tring Museum) informed the Compiler that this periodical was continued during the war further than noted, but that, owing to prevailing conditions, it was not possible to bring the parts out of Russia. Many new species are described in the *Messenger*, and it was a scientific journal of high standing, with many well-known Slav contributors.

MESTON, ARCHIBALD.
1889. Report of the government scientific expedition to Bellenden-Ker Range upon the flora and fauna. *Svo.* pp. 127. Brisbane.

METCALFE, G.
1895. Australian zoology. *12mo.* pp. ix+120. 1 fig. *T. of c.* Sydney.

METHUEN, HENRY H.
1848. Life in the Wilderness, or wanderings in South Africa. *Svo.* pp. 12+318. 3 pl. figs. *in text.* London.

The first edition of this naturalist's observations was published in 1846.

METZ. See ACADEMIE DE METZ.

MEUNIER, AMÉDÉ VICTOR [1827-].
1871. Les grandes Pêches, etc. Paris.

→ 1872. Life in the primeval world, founded on Meunier's 'Les animaux d'autrefois', tr. by W. H. D. Adams. *12mo.* pp. 335. pl. London.

MEVES, FRIEDRICH WILHELM [1814-91].
[1886]. Die Grösse und Farbe der Augen aller europäischen Vögel, sowie der in der palearctischen Region vorkommenden Arten. *Svo.* pp. 4+72. *T. of c.* Halle-a/S.

A contribution to a natural classification of Aves based on the color of and diameters of the Iris, in accordance with the universally accepted dictum that in classifying birds every constant character should be considered. In this catalogue are listed all the species the color and measurements of whose eyes are available.

1911. Die Grösse und Farben der Augen der europäischen Vögel.

A posthumous printing of the first edition with many emendations by Willy Schlüter.

MEWES, W., Mme, and VON HOMEYER, E. F.
[1886]. Ornithologische Beobachtungen grösstentheils im Sommer 1869 auf einer Reise im nordwestlichen Russland gesammelt; ins Deutsche übertragen. *Svo.* pp. 108. Wien.

MEXICO. See ARCHIVES DE LA COMMISSION SCIENTIFIQUE DU MEXIQUE.

MEXICO. Museo Nacional de Historia Natural. See NATURALEZA.

→ **MEYER, ADOLF BERNARD** [1840-1911].
1879-97. Abbildungen von Vogel-Skeletten. 2 vols. 4to. Vol. I, pp. xiv+71. 121 pl. *bibliogr. index.* Vol. II, pp. xxi+120. 121 pl. *bibliogr. index.* Berlin.

A series of very fine photogravures of avian osteology, with explanatory text. The work was issued in 24 parts the dates of which are given on the preserved wrappers.

1887. Die Hirschgeweih-Sammlung im königlichen Schlosse zu Moritzburg bei Dresden. Neue Folge. *folio.* pp. 4+11. 31 pl. Dresden.

1887. Unser Auer-, Rackel- und Birkwild und seine Abarten. 2 vols. *folio.* Vol. 1. Text. [2]. Atlas. 17 col. pl. Wien.

**** and **WIGLESWORTH, LIONEL W.**
1898. The birds of Celebes and the neighbouring islands. 2 vols. 4to. Vol. I, pp. xxxii+392. 17 pl. (14 col.). 7 maps (col., 2 fold.). *bibliogr. index.* Vol. II, pp. 393-962. 28 pl. (col.). *index.* Berlin.
Most of the work was written by Wigglesworth. The original cover in the present copy is bound in at the end of each volume.

MEYER, BERNHARD [1767-1836] and **WOLF, JOHANN.**

1810. Taschenbuch der deutschen vögelkunde, oder Kurze beschreibung aller vögel Deutschlands. 2 vols. *Svo.* pp. 614. 75 col. pl. Frankfurt-a/M.

A classic handbook of German avifauna, illustrated by colored drawings, mostly of heads and feet. A supplement to this work of reference was published in 1822, and is bound with the present treatise, from the Godman Library. It is a rare book.

1815. Kurze Beschreibung der Vögel Liv- und Esthlands. *Svo.* pp. xxiv+292. *index.* Nürnberg.

1822. Zusätze und Berichtigungen zu Meyers und Wolfs Taschenbuch der deutschen Vögelkunde . . . als dritter Theil jenes Taschenbuchs. *Svo.* pp. xxiv+292. *T. of c.* appended for all 3 pts. Frankfurt a. M.

MEYER, CHRISTIAN ERICH HERMANN VON
[1801-69].

1845-60. Zur Fauna der Vorwelt. 4 vols. folio.
Frankfurt a. M.

CONTENTS. Vol. 1. Fossile Säugethiere, Vögel und Reptilien aus dem Molasse-Mergel von Oeningen. 2. Die Saurier des Muschelkalkes mit Rücksicht auf die Saurier aus buntem Sandstein und Keuper. 3. Saurier aus dem Kupferschiefer der Zechstein-Formation. 4. Reptilien aus dem lithographischen Schiefer des Jura in Deutschland und Frankreich.

The tertiary marl of Oeningen was the site of the discovery of the remains of the extinct giant batrachian, named here *Andrias scheuchzeri*. It was originally thought to belong to one who had witnessed the Deluge (*Homo diluivii testis*). Cuvier first identified it as a *Salamandre gigantesque*. A fossil frog, *Latonina seuffriedii*, and other tailless batrachians from the same horizon are described and figured.

MEYER, HENRY LEONARD [d. 1864].

1835-50. Illustrations of British Birds. 9 vols.
folio. 313 col. pl. London.

With the possible exception of Lord Lilford's *Birds*, this is the finest and most complete atlas of portraits of British avifauna (with their eggs) ever published. Owing to the irregular fashion in which the various printings were issued the exact dates of publication of the 79 parts are obscure. Mullens and Swann (pp. 401-2) remark that: 'The whole subject is attended with the utmost difficulty, hardly any two copies of the folio (imp. 4to) editions of the *Illustrations* being alike. This is owing to the fact that many extra plates were coloured and added to copies executed for friends of the Meyer family.'

'The difficulty is added to from the fact that there were certainly two, possibly three issues of the first edition of the folio, and that the later ones were being published before the first was complete, the plates often being interchanged or duplicated.'

The volumes in hand form a unique copy of the earliest printings, from the Mullens Library. The compiler of the sales catalogue says that the nine volumes of the set form, first, 4 volumes with the 313 'coloured plates as originally issued and 111 additional coloured plates from the first and second issues (6 being plates of Birds and 7 plates of Eggs not listed, others being second plates re-engraved from different designs or with the subject facing the opposite direction); also 31 uncoloured impressions on India Paper (never published); the whole comprising 455 plates bound in 4 volumes; second, a volume of wrappers, containing 56 Pink Wrappers of the first and second issues of the first edition (9 being in duplicate), with 41 buff wrappers of the third issue, or second edition; third, a collection of over 600 original water-colour drawings and sketches and pencil drawings and sketches executed by Meyer for the above (imp. quarto) work, comprising 109 finished and about 160 partly finished water-colour drawings of Eggs, a large number bearing the artist's pencilled descriptions and instructions, and also those of his wife; the whole mounted to imp. 4to size and bound in 4 vols. uniform with the above. . . . Together 9 vols. folio, hf. green morocco extra, t.e.g.: an extremely interesting and unique set, with the Mullens bookplate.

'Vol. I of the work has the 72 pages of text (all published) which was issued with the second edition, and which is identical in matter, but not in set-up with that of the 8vo edition (1842).'

'A large number of the drawings bear neatly pencilled descriptions, directions, etc., in the autograph of the author-artist, with an autograph letter to his Wife also inserted, with a large portrait drawn in black and white chalks. In addition there are a number of folio and smaller leaves of his MS. penned in ink.'

There is also an important statement signed by Constance Meyer, as follows: 'These drawings are the only originals existing by my father and mother from which the plates were prepared for the "Illustrations of British Birds" in folio. They have been in my possession since my father's death in 1864 and are now disposed of by me, his surviving daughter. The smaller handwriting on the plates is that of my Mother and the larger that of my Father.'

That the work was at first intended to be published in conjunction with Yarrell's *Birds* is proved by a prospectus dated June 1847, which is part of the prospectus of Yarrell's work inserted in the series described above, announcing Part I of a second issue of the 'Coloured Illustrations of British Birds' to be published in parts simultaneously with Yarrell's *History of British Birds*, the motive being to supply colored illustrations of Birds to Yarrell, whose illustrations of course were uncoloured. Difficulties, however, arose, and Meyer's work was issued independently and without connexion with Yarrell.

1835-50. Illustrations of British birds. See also ORIGINAL DRAWINGS.

1838-44. Illustrations of British birds. 4 vols.
folio. 317 col. pl. London.

No letterpress having been issued with the folio editions the 8vo printings (which omit all plates but those of the eggs) were published

to complete the work. Two of these latter are in this library. The present copy is of the second edition, or mixed second and third, of this truly magnificent work. Note that the diaeresis is now omitted from the 'y' in Meyer. Some of the pictures have been redrawn and printed on heavier plate paper, with the birds faced to the left instead of to the right as in the first edition, and the impressions are not as clear as in the early printings. Moreover, there are figures of eggs at the bottom of some of the plates and occasionally the legends are altered.

The copies of Meyer's works in the E.S.W. Library are separately annotated, the 8vo format being taken as furnishing the descriptive text for the folio editions. The four volumes in hand are briefly collated as follows: Vol. I [1838], 78 col. pl. Vol. II [1839], 76 col. pl. Vol. III [1842], 82 col. pl. Vol. IV [1844], 81 col. pl. The names of the birds are printed below the plates with occasional short descriptive legends.

1842-50. Coloured illustrations of British birds and their eggs. 7 vols. 8vo. T. of c. 2 indexes.

Vol. 1, pp. iv+230. 48 pl. birds (45 col.). 13 pl. eggs (col.).

Vol. 2, pp. iv+233. 47 pl. birds (45 col.). 13 pl. eggs (col.).

Vol. 3, pp. iv+240. 45 pl. birds (45 col.). 15 pl. eggs (col.).

Vol. 4, pp. iv+215. 45 pl. birds (45 col.). 15 pl. eggs (col.).

Vol. 5, pp. iv+192. 46 pl. birds (45 col.). 15 pl. eggs (col.).

Vol. 6, pp. iv+185. 46 pl. birds (45 col.). 14 pl. eggs (col.).

Vol. 7, pp. viii+206. 53 pl. birds (52 col.). 17 pl. eggs (col.). London.

The original edition (without text) was in folio and, like the octavo editions, was issued in parts. The present copy is said to resemble the former in all respects, except as to size and the addition of text, but in most of the editions there appear to be a good many discrepancies. In the present one vol. 1 contains 61 pl., whereas other copies are said to contain 65 pl (59 col.). The total number of plates in this copy is 432, of which 425 are colored, 330 representing birds, and 102 eggs. This differs from the one collated by Mullens and Swann, p. 404, who give 322 as of birds, and 110 of eggs.

1853-7. Coloured illustrations of British birds, and their eggs. 7 vols. 8vo. 2 indexes.

Vol. 1, pp. iv+230. 48 pl. birds (45 col.). 13 pl. eggs (col.). T. of c.

Vol. 2, pp. iv+233. 45 pl. birds (45 col.). 13 pl. eggs (col.). T. of c.

Vol. 3, pp. iv+240. 45 pl. birds (45 col.). 15 pl. eggs (col.). T. of c.

Vol. 4, pp. iv+215. 45 pl. birds (45 col.). 15 pl. eggs (col.). T. of c.

Vol. 5, pp. iv+192. 46 pl. birds (45 col.). 15 pl. eggs (col.). T. of c.

Vol. 6, pp. iv+185. 46 pl. birds (45 col.). 14 pl. eggs (col.). T. of c.

Vol. 7, pp. viii+206. 53 pl. birds (52 col.). 18 pl. eggs (col.). T. of c. London.

This edition differs from the 8vo one of 1842-50 in having an extra plate of eggs which were unknown when the previous edition was published. In vol. 2, also, there are only 45 plates instead of 47, thus making the total number of plates 431 instead of 432, of which 328 represent birds and 103 eggs.

MEYER, PAUL ERNST.

1908. Studien über die Oberhautgebilde des Vogelfusses. 8vo. pp. 31. (Friedrich-Wilhelms-Universität thesis, Berlin.)

A small 'Arbeit' on the dermal covering in the feet of birds.

MEYER, TH. K.

1927. Birds and Beasts of the Roman Zoo. 8vo. pp. 386. London.

MIALL, LOUIS COMPTON [1842-1921].

1911. History of Biology. London.

A valuable work for the student.



1896. Round the year. illus., London.

→ Michaelson, 1909. The Oligochaeta of India, Nepal, Ceylon, Burma and the Andaman Islands. 2 pb. Calcutta.
1910. Die Oligochaeten fauna d. vorderind.-ceylon. Region.

dem f

/Sibirien/

→ Middleton, A. D. 1931. The Grey Squirrel. 19^{cm}. pp. viii, 107. 8 pl. (incl. front. map). London.

→ Delignaut.

> 1805 - An XIV. La Colombe, Messagere etc. Trans. by A. I. Silvestre de Sacy.
> Mikhā'il Al-Sabbagh. ^{on Astronomy?} From the Arabie. 8vo. pp. 95. Paris. Rare.
Present to C.A.W. from Prof Ramsay Wright.

1912. The early naturalists; their lives and work (1530-1789). *Svo.* pp. xi+396. *T. of c. index.* London.

There is a second copy in the Osler Library.

→ **MICHELET, JULES** [1798-1874].

1859. L'oiseau. 6th ed. *12mo.* pp. lvii+330. *T. of c.* Paris.

A scientific and extremely interesting biography of the bird by one of the greatest historians and bird-lovers of the nineteenth century, whose laborious days were given over to civil, his leisure evenings to natural history. This treatise has been often republished and translated, the first edition having been issued in 1856.

1861. La mer. 2nd ed. Paris.

1867. L'oiseau. 210 vignettes sur bois dessinées par H. Giacomelli. 8th ed. *4to.* pp. 4+424. Paris.

1868. The Bird. 210 *illustr.* (Giacomelli). *Svo.* London.

1869. The bird [tr. from the Fr.] by W. H. Davenport Adams. *Svo.* pp. x+340. 233 *figs.* *T. of c.* London.

One of four English editions.

1870. Die Welt der Vögel [tr. from the Fr.] by Herman Masius. *Svo.* pp. 336. *illustr.* Berlin.

1870. The Bird. Tr. by W. H. D. Adams. *Svo.* pp. xii+349. 239 *figs.* *index.* *New ed. revised.* London.

1874. The Bird. Tr. by W. H. D. Adams. A reprint of the edition of 1870.

1874-5. The Sea, the Bird, the Insect. (Translated.) 3 vols. *Svo.* London.

1877. De vogel; natuurstudien [tr. from the Fr.]. 2nd ed. *Svo.* pp. 4+258. *illustr.* Nijmegen. A Dutch edition of Michelet's *Bird*.

1883. The Bird. Tr. by W. H. D. Adams. pp. xii+350. 239 *figs.* *index.* London. A slightly different English edition.

1898. L'oiseau; étude par François Coppée. *12mo.* pp. xv+390. *T. of c.* Paris.

A reprint of the sixth edition, with foreword by François Coppée, in which he regrets that Michelet had forgotten to add a chapter on the birds of Paris.

✓ **MICHELL, E. B.**

1900. The art and practice of hawking. *Svo.* pp. xii+291. 12 *pl.* *index.* London.

MICHIGAN ORNITHOLOGICAL CLUB.

1897-1905. Bulletin of the Michigan ornithological club. Published quarterly in the interests of ornithology in the Great Lake region. 6 vols. *Svo.* *illustr.* *pl.* (partly *col.*). Nos. 3 and 4 of vol. III were never published.

Grand Rapids 1897-9; Detroit, 1905.

This club organ belongs to the serious class of ornithological journals and during its career played a useful role in mid-western American bird literature. On its editorial staff it had such well-known ornithologists as W. B. Barrows, Whitney Watkins, T. L. Hankinson, P. A. Taverner (now in the service of the Canadian Government), Norman Wood and many other Michigan ornithologists, who maintained until its suspension the early scientific reputation of the periodical.

MICHIGAN UNIVERSITY. Museum of Zoology.

1916-date. Miscellaneous Publications.

1913-date. Occasional Papers.

MICHIGAN UNIVERSITY. Zoological Laboratory.

Contributions.

MICROSCOPIC JOURNAL. 1841-2. London.

(**R.**) **MICROSCOPICAL SOCIETY.** London. 1878-80. Journal. Series 1.

1881-6. Journal. Series 2.

1887-date. Journal. Series 3.

Continues Monthly Microscopical Journal.

Transactions. See **QUARTERLY JOURNAL OF MICROSCOPICAL SCIENCE.**

MIDDENDORF, ALEXANDER THEODOR VON [1815-94].

1847-75. Reise in der äussersten Norden und Osten Sibiriens, etc. 4 vols. and atlas. *4to.* St. Petersburg.

In this important and famous zoological report J. Müller describes the fossil fishes, and Middendorf the mammals, birds, and amphibia.

1855. Die Iseiptesen Russlands. Grundlagen zur Erforschung der Zugzeiten und Zugrichtungen der Vögel Russlands. *folio.* pp. 143. maps (2 *fold.*). (*Mém. de l'Acad. des Scien.*, 6 sér., Scien. Nat., vol. 8.) St. Petersburg.

A specially paged excerpt (not published until 1859 and without maps) furnishing a valuable contribution to the migratory habits of birds of the Russian empire. Tables show the dates (mostly O.S.) at which species appear in given localities. The copy in hand is from Lord Lionel Walter Rothschild's library, interleaved and furnished with 100 additional blank pages for notes.

1855. Zoologie seiner Reise in Nord- und Ost-Sibirien. Vertebrata. Vol. II. *4to.* 58 *col.* *pl.* St. Petersburg.

That portion of the *Reise in d. äussersten Norden und Osten Sibiriens* relating to living vertebrata.

1867. Die Tierwelt Sibiriens.

Vol. IV, Theil 2, Lief. 2, pp. 1095-1394, of Middendorf's *Reise in ... Ost-Sibiriens während 1843-44.*

1891. Vogelleben an den Russischen Leuchthürmen des Schwarzen, Kaspischen und Weissen Meeres. *Svo.* pp. 124. Wien.

An interesting account of the birds observed by the author and various other naturalists about the lighthouses in the Black, Caspian, and White Seas. The present pamphlet is a gift from the author to Dr. Anton Reichenow and was at one time in the latter's library.

MIDDLESEX NATURAL HISTORY AND SCIENCE SOCIETY. London.

1887-91. Transactions.

→ **MIDLAND NATURALIST.** (Midland Union of Natural History Societies.)

London, Birmingham.

1878-93. Includes Transactions of Birmingham Natural History and Microscopical Society.

MIDLAND NATURALIST. Notre Dame, Ind. 1909. Continued as American Midland Naturalist.

MIDLAND UNION OF NATURAL HISTORY SOCIETIES. See **MIDLAND NATURALIST,** LONDON.

→ **MIGRATORY BIRDS;** or, such as visit Britain at different seasons of the year. See **ANONYMOUS,** 1847.

→ **MIKAN, JOHANN CHRISTIAN** [1769-1844].

1820-5. Delectus Florae et Faunae Brasiliensis, etc. *folio.* pp. 2+50. 24 *col.* *pl.* Vindobonae.

This classic work was issued in four unnumbered parts and contains matter important for systematic study.

MIKROKOSMOS.

1907–date. Zeitschr. f. Arbeit a. d. Gebiete d. Naturwissenschaften. Stuttgart.

MIKROSCOPIE FÜR NATURFORSCHER.

Berlin, Lichterfelde. 1924–date.

MILAN. Museo Civico di Storia Naturale.

See SOCIETÀ ITALIANA DI SCIENZE NATURALI E MUSEO CIVICO.

MILBERT, JACQUES GÉRARD [1766–1820].

1812. Voyage . . . à l'Île de France, au Cap de Bonne-Espérance et à l'Île de Ténériffe. 2 vols. 8vo and folio. atlas. 43 pl. 2 maps. Paris.

Contains considerable information regarding the faunal history of the Cape of Good Hope and the Canary Islands.

MILES, A. H. See LYDEKKER, R., 1897.**MILLA, KARL.**

1895. Die Flugbewegung der Vögel. 8vo. pp. 2+93. 27 figs. in text. T. of c. Leipzig.

A mathematical consideration of the subject of bird-flight helped out by diagrams.

MILLAIS, JOHN GUILLE [1865–].

1892. Game birds and shooting-sketches; illustrating the habits, modes of capture, stages of plumage, and the hybrids and varieties which occur amongst them. 4to. pp. xii+72. 34 pl. (16 col.). 30 figs. London.

A shooting manual by this celebrated animal artist. Certain aspects of it are relieved by detailed accounts of the habits of the birds involved—the Capercaillie, Blackcock, Grouse, and Ptarmigan in the British Isles.

1902. (The) natural history of the British surface-feeding ducks. 4to. pp. xiv+107. 41 pl. (col.). 31 pl. (uncol.). index. London.

A beautifully illustrated treatise. The present copy is No. 223 of a large paper edition limited to 600 copies.

1902–20. See VICTORIA HISTORY OF THE COUNTIES OF ENGLAND.

1904–6. The Mammals of Great Britain and Ireland. 3 vols. 4to. col. illust. London.

Truly beautiful reproductions of this artist's best work, with the necessary letterpress.

1909. The natural history of the British game birds; illust. by Archibald Thorburn and J. G. Millais. folio. pp. 11+142. 18 col. pl. 17 photogr. 2 text-figs. T. of c. London.

This beautifully illustrated work on British game birds (especially of the Pheasants) may be regarded as a continuation of this author-illustrator's *Game Birds and Shooting-Sketches*, 1892. A full account of the species illustrated accompanies each plate and drawing.

1913. British diving ducks. Plates by Archibald Thorburn, O. Murray Dixon, H. Grönvold and the author. 2 vols. 4to. Vol. I, pp. xv+141. front. (col.). 31 pl. (21 col.; 8 photograv.; 2 collotype). Vol. II, pp. xii+164. front. (col.). 41 pl. (16 col.; 6 photograv.; 19 collotype). addend. index. London.

A detailed monograph of the birds, the eggs, the young in down, and eclipse plumages. Four hundred and fifty copies of this beautiful book were printed, of which the present copy is No. 240.

MILLAR, GEORGE HENRY.

[1785?]. New, complete, and universal body, or system of natural history. folio. pp. iv+618. 82 pl. (12 birds). index. London.

A work that, according to the author, 'is far superior to every other publication of the kind hitherto published'.

MILLER, ALDEN HOLMES [1906–].

1928. The molts of the loggerhead shrike, *Lanius ludovicianus* Linnaeus. 8vo. pp. (2)+393–417. 4 figs. bibliogr. Berkeley, Calif.

Author's reprint.

MILLER, CARRIE ELLA.

1904. With the Birds in Maine. 12mo.

Lewiston, Me.

[1918]. Birds of Lewiston-Auburn and vicinity. 8vo. pp. 80. 1 pl. index. Lewiston, Me.

MILLER, GERRIT SMITH, Jr.

1907. The families and genera of Bats. 8vo. pp. 17+282. 14 pl. illust. text. Washington.

This is the standard work of reference on the subject, and although one of a serial publication (*Bull. 57, U.S. Nat. Museum*) is here given a special reference because of its importance.

1912. List of North American Land Mammals, etc. (*Bull. U.S. Nat. Mus.*). Washington.

1924. List of North American recent mammals. (*Bull. U.S. Nat. Mus.*) 8vo. pp. xvi+673. Washington.

****** and RILEY, J. H.**

n.d. Mammals of the Bahama Islands. (*Geographical Society Magazine, Baltimore.*) 4to. pp. 371–84.

Field notes by J. H. Riley.

MILLER, Mrs. HARRIET (MANN) [1831–1918].

1885. Bird-ways, by Olive Thorne Miller [*pseud.*]. 8vo. pp. viii+227. index. Boston.

1888. In nesting time; by Olive Thorne Miller [*pseud.*]. 8vo. pp. vi+275. index. Boston.

1889. Bird-ways, by Olive Thorne Miller. Boston. Reissue of 1885.

1892. Little brothers of the air. 12mo. pp. vii+271. index. Boston.

1894. A bird-lover in the West. 8vo. pp. vii+278. index. Boston.

1897. Upon the tree-tops. 8vo. pp. 245. 9 pl. index. Boston.

1899. (The) first book of birds. 8vo. pp. viii+149. 20 pl. (8 col.). 20 figs. index. Boston.

[1901]. The second book of birds. 8vo. pp. viii+209. 24 pl. (8 col.). append. index. Boston.

A supplement to the *First Book of Birds*, 1899.

1903. True bird stories from my note-books. 8vo. pp. viii+156. front. (col.). 8 pl. Boston.

The copy in hand is an autographed present from the author.

1904. With the birds in Maine. 16mo. pp. ix+300. front. (portr. inserted). index. Boston.

MILLER, HUGH [1802–56].

1841. The Old Red Sandstone; or New Walks in an Old Field. 8vo. pp. 23+275. 10 pl. Edinburgh.

The first edition of a work, now classed with the forgotten lore of science, that once bore the same relation to zoology as Paine's *Age of Reason* did to religious superstition. All lovers of truth for its own sake should be grateful to the reverent Scotsman whose works helped to place paleontology on an enduring basis.

/Society/

- Miller, A.H. 1931. Systematic revision and natural history of the American shrikes. Berkeley. (Univ. Calif. Publ. Zool., v. 38, no. 2) Author's reprint.

1912. Catalogue of the Mammals of Western Europe... in the collection of the British Museum.
800. illus. London.

← Miller, Harold M. Two original drawings of South African birds.

- (h. J. EA)
→ 1913. In beaver world. 8vo. 227p., 18 pls. London.
→ 1922. Watched by wild animals. front. illus.

→ Milman, In the garden of peace.

→ Milne-Edwards, G. Recherches sur la faune des régions
Arctiques.

Recherches sur la faune ornithologique.

MILLER, JOHN FREDERICK [1772-96].

1796. *Cimelia Physica, etc.* folio. pp. 106. 60 col. pl. London.

This rare work, the first edition of which (1776-92) is still rarer, fitly describes itself as consisting of 'figures of rare and curious Quadrupeds, Birds, etc., . . . engraved from the subjects themselves by J. F. Miller. With descriptions by G. Shaw'. The colored plates and figures are well executed.

MILLER, LEO E.

1918. *In the Wilds of South America; six years of exploration.* 8vo. pp. 424. 70 illust. map. New York.

An unusually interesting account of South American flora and fauna.

MILLER, OLIVE THORNE. See MILLER, (Mrs.) HARRIET (BORN MANN).

MILLER, S. A.

1877. *The American palaeozoic fossils.* 4to. pp. 16+253. Cincinnati.

MILLER, SAMUEL HENRY and SKERTCHLY, S. B. J.

1878. *The Fenland, past and present.* 8vo. pp. xxxii+649. front. (col.). 23 pl. (2 fold.). 3 maps (1 fold.). 31 figs. append. index. Wisbech.

The permanent avian residents number 101, regular visitants 74, and rare and occasional visitants 69, a total of 244 species and subspecies.

MILLER, SARAH AMY.

1809. *The birds in Latham's General synopsis, drawn and accurately coloured.* folio. pp. 77. 154 col. drawings. index.

A beautifully colored set of 150 birds depicted in Latham's *General Synopsis of Birds*, 1781-5, including Supplements I, 1787, and II, 1801. The additional four drawings represent the Grey Wagtail, Black Duck, Ural Owl, and a Hybrid Grouse. There is a typed title-page and index.

MILLER, WALDRON DE WITT.

1905. List of [160 species of] birds collected in southern Sinaloa, Mexico. Author's ed. (*Bulletin of the American Museum of Natural History*, vol. xxi, pp. 339-69, November 24, 1905.) 8vo. New York.

1906. List of [132 species of] birds collected in northwestern Durango, Mexico. Author's ed. (*Bulletin of the American Museum of Natural History*, vol. xxii, pp. 161-83, June 2, 1906.) 8vo. New York.

1908. A review of the Manakins of the genus *Chiroxiphia*. Author's ed. (*Bulletin of the American Museum of Natural History*, vol. xxiv, pp. 331-43, May 2, 1908.) 8vo. 1 pl. (col.). 1 fig. New York.

1912. A revision of the classification of the kingfishers. 8vo. pp. 239-311. 2 pl. (Nos. XXV, XXVI). New York.

Author's edition (*Bulletin of the American Museum of Natural History*, vol. xxxi, pp. 239-311, New York, Sept. 12, 1912). A much needed treatise on the internal and external characters of the species of Kingfishers. It is divided into two parts: (1) The Subfamilies of Alcedinidæ, and (2) the Genera of Cerylinæ. The present copy is an autographed presentation from the author to the Hon. John Lewis Child.

MILLER, WILLIAM JOHN CLARKE [1832-].

1899. *Essays and nature studies with lectures.* 8vo. pp. xv+220. London.

Edited, with introduction, by H. Kirke Swann.

MILLET DE LA TURTAUDIÈRE, PIERRE AIMÉ [1783-1873].

1828. *Faune de Maine et Loire.* 2 vols. 8vo. Paris.

MILLIN DE GRANDMAISON, AUBIN LOUIS [1759-1818].

1802. *Éléments d'histoire naturelle.* 3rd ed. 19 pl. Paris.

1834. *Éléments de Zoologie.* illust. Paris.

MILLS, E. A.

1923. *Wild Animal Homesteads.* illust. Garden City, N.Y.

MILLS, THOMAS WESLEY [1847-1915].

1898. *The nature and development of animal intelligence.* 8vo. pp. xii+307. T. of c. index. London.

MILNE EDWARDS, ALPHONSE [1835-1900].

1866. *Remarques sur des ossements du dronte (Didus ineptus); nouvellement recueillis à l'île Maurice.* folio. pp. 28. pl. See also EDWARDS, ALPHONSE MILNE. Paris.

1866-73. *Recherches sur la Faune ornithologique éteinte des îles Mascareignes et de Madagascar.* 4to. pp. 147+28. 38 col. pl. Paris.

1868-1909. See MISSION SCIENTIFIQUE AU MEXIQUE.

1872. *Résumé des recherches sur les oiseaux fossiles.* 8vo. pp. 7. Paris.

One of the more important of the many contributions of this voluminous writer, the majority of which were published in zoological periodicals.

1875-1920. See GRANDIDIER, A., *Histoire physique de Madagascar.*

**** and GRANDIDIER, A.

1884. *Histoire naturelle des Oiseaux de Madagascar.* Paris.

A fundamental work on local African birds.

1885-91. See MISSION SCIENTIFIQUE DU CAP HORN.

1888-1906. *Expéditions scientifiques du 'Travailleur' et du 'Talisman' pendant les années 1880, 1881, 1882, 1883.* 8 vols. folio. Paris.

One of the most famous of modern expeditions with a scientific purpose, with many reports on its zoologic aspects. The latter were mostly under the care of the author; later continued by Edmond Perrier. See 'TRAVAILLEUR' and 'TALISMAN'.

**** and OUSTALET, ÉMILE.

1893. *Notice sur quelques espèces d'oiseaux actuellement éteintes qui se trouvent représentées dans les collections du Muséum d'histoire naturelle.* folio. pp. 68. 5 pl. (col.). Paris.

These notes are of birds extinct within historic times, including the Bourbon parrot or mascarin; the Hackled Pigeon of Mauritius; the Bourbon starling (*Fregilupus varius*); the Labrador duck, finely illustrated; the Great Auk (not illustrated); the Black Emu of Decrès Island, Australia. Autographed copy by E. Oustalet.

MILNE EDWARDS, HENRI [1800-85] and others.

1846. *Corso elementare di storia naturale dai signori F. S. Beudant, Milne Edwards e A. de Jussieu; [from the French by Carlo Porro].* Vol. I. 8vo. Milano.

An Italian rendering of H. Milne-Edward's *Elémens de Zoologie*, 1837. The copy in hand is vol. I, *Zoologia, da Milne Edwards.*

MILWAUKEE NATURALIST. 1886.

Milwaukee.

MINAGGIO, DIONISIO.

1618. Feather Book; contents, 165 pictures made mostly of feathers. Numerous complete bird-skins and pictures of other objects. *superfolio*.

The pictures were made about the time of Shakespeare by a man named Dionisio Minaggio, the gardener to the Governor of Milan. The book has a title-page bearing an inscription. Individual pictures made of feathers have been known but no such collection as this, bound in one volume, is in any of the large libraries. For this reason alone it is unique.

The contents of the volume embrace three classes of pictures; first, a series on hunting and bird catching; secondly, a series of characters of theatrical representations of the day, and lastly, the largest group, consisting of life-size pictures of a great variety of birds, large and small.

Authentic pictures of South American parrots and Arctic birds appear to show that this man in Italy must have been in close touch with the early navigators.

The pictures are not only of curious interest but have a twofold scholarly value. In the first place they give a good deal of information about the costumes and manners of the time, and in the second place, which is more important, they are in all probability the rarest examples of bird-skins in existence, owing to the particular way in which they were preserved. They retain their brilliance and even the beaks and claws are in good preservation. The necks of some of the birds have slightly deteriorated and in a few places the book has been damaged by damp.

As a scientific document it raises questions of the variation and distribution of birds of a period of which little is known.

The collection includes 156 specimens, song birds, birds of prey, domestic fowl, and aquatic birds, and altogether forms a very interesting series of examples of economic ornithology.

MINER, JACK [1865-].

1923. Jack Miner and the birds, and some things I know about nature. 8vo. pp. (16) + 178. 55 figs. (2 maps). Toronto.

Miner has been concerned principally with the semi-domestication, on his Canadian farm, of wild geese and ducks as they pass during the spring and fall migrations.

MINERVA LIBRARY OF FAMOUS BOOKS

1891. Narrative of an explorer in tropical South Africa, being an account of a visit to Damaraland in 1851 by F. Galton. See GALTON, F.

MINNESOTA ACADEMY OF SCIENCES.
(Minn. Acad. of Natural Sciences.)

Minneapolis.

1873-1917. Bulletin.

1894. Occasional papers.

MINNESOTA UNIVERSITY.

1920-30. Annual Report of Zoological Museum.

MINNS, G. W. See HAMPSHIRE FIELD CLUB, 1908-11.

MINOT, HENRY DAVIS [1859-90].

1877. The land-birds and game-birds of New England; with descriptions of the birds, their nests and eggs, their habits and notes. 8vo. pp. xvi + 456. 22 figs. 7 append. 2 indexes. Salem, Mass.

A popular work that has had several editions, written when the author was but 17 years of age; the biographies of the birds mostly from the author's personal observations. The appendices contain a number of Keys to the birds, their eggs, distribution, etc.

**** and **BREWSTER, WILLIAM.**

1895. The land-birds and game-birds of New England. 2nd ed. 8vo. pp. xxiv + 492. 1 pl. 22 figs. 7 append. 2 indexes. Boston.

1903. The land birds and game birds of New England. 3rd ed., revised by Brewster. Boston.

1925. See ROOSEVELT, THEODORE.

MIRAMICHI NATURAL HISTORY ASSOCIATION.

Chatham, N.B.

1899-1913. Proceedings.

MISCELLANEA AUSTRIACA AD BOTANICAM, CHEMIAM, ET HISTORIAM NATURALEM SPECTANTIA. 1778-81. Vienna.**MISCELLANEOUS COLLECTIONS.** See SMITHSONIAN INSTITUTION.**MISCELLANEOUS PUBLICATIONS OF THE AUSTRALIAN MUSEUM, SYDNEY.** 1890-date.**MISCELLANEA CURIOSA DE AVIBUS.** ? 1720. See ANONYMOUS.**MISCELLANY OF EXOTIC NATURAL HISTORY.** See DONOVAN, E., 1834.**MISSION SCIENTIFIQUE AU MEXIQUE ET DANS L'AMÉRIQUE CENTRALE.**

1868-1909. Recherches Zoologiques . . . sous la direction de M. H. Milne Edwards. 13 vols. 4to. Paris.

This well-known study of Central American natural history was issued in parts, some of the sections being still incomplete. Of the zoology, A. Duméril and Bocourt wrote (pp. 860, 89 pl.) on reptiles and batrachians. This part was not finished but was supplemented by P. Brocchi's contribution (pp. 221, 21 col. pl.) *Étude des Batracchiens de l'Amérique Centrale*. The *Étude sur les Poissons* was made by L. Vaillant and F. Bocourt.

MISSION SCIENTIFIQUE DU CAP HORN, 1882-3.

1885-91. 7 vols. 4to. illust. Paris.

One of the most noted of the French governmental scientific expeditions, in which natural history (especially zoology) was well represented. Vol. VI is entirely devoted to the fauna; vol. VII to anthropology and ethnography. The report (part 1) on mammalia, pp. 32, 8 pl., 1891, was made by A. Milne Edwards; on birds by E. Oustalet, pp. 341, 6 col. pl., 1891; fishes by L. Vaillant, pp. 35, 4 pl., 1888, and comparative anatomy by H. P. Gervais, pp. 62, 5 pl., 1891.

MITCHELL, FREDERICK SHAW.

1885. The birds of Lancashire. Illustrated by J. G. Keulemans, Victor Prout, etc. 8vo. pp. xviii + 224. map. list of subscribers. 3 figs. in text and 11 pl., 2 col. index. London.

1892. The birds of Lancashire, revised and annotated by Howard Saunders, with additions by R. J. Howard and other local authorities. 8vo. pp. xxvi + 271. map, fold. 5 pl. 7 figs. index. London.

Second edition. A record of 259 species.

MITCHELL, JOHN M.

1864. The herring, its natural history and national importance. 8vo. pp. 12 + 372. 6 pl. Edinburgh.

MITCHELL, MASON.

1909. Birds of Samoa, a manual of ornithology of birds inhabiting these islands. Typescript. 8vo. pp. 3 + 42 + 2. index. Malua, Samoa.

Obtained through the courtesy of Miss M. E. McLellan, formerly of Samoa, now of the California Acad. of Sciences. This lady kindly typed the above useful pamphlet and presented it to the E.S.W. Library. The Compiler has thus been able to see a copy of a very rare monograph on the aves of Samoa, originally printed on the London Missionary Society's Press. Each species is carefully described under both its native and systematic name. There is no copy listed in the *Cat. Br. Mus. (Nat. Hist.)*.

There are 17 vols. [including this?] of the *Miscellanea Curiosa*. 1670-1689 in Blacker

← *Blundereri, Parimundi*, 1517. De Calcautno. Augsburg.

18.1 (/caps./)

MITCHELL, PETER CHALMERS [1864-].

1900. Thomas Henry Huxley; a sketch of his life and work. 8vo. pp. xvii+297. 5 pl. (portr.). index. New York.

Presentation copy from the author.

1912. The childhood of animals. 8vo. pp. xiv+269. 12 pl. (col.). 36 figs. index. London.

1913. Die Kindheit der Tiere. Tr. by H. Pander. Stuttgart.

1920. Official guide to the gardens of the Zoological Society of London. Eighteenth edition. With 52 illustrations from photographs of animals now or recently living in the gardens, taken by F. W. Bond, F. Martin Duncan, and D. Seth-Smith. With a plan of the gardens, and a map showing railway and omnibus routes. 8vo. pp. xvi+110. front. (plan fold.). 2 pl. 50 figs. index. London.

1929. Centenary history of the Zoological society of London. 8vo. pp. 11+307. 32 portr. chart. 9 plans. London.

n.d. The pageant of nature. 3 vols. 8vo. Vol. I, pp. viii+576. 8 pl. (col.). figs. in text. Vol. II, pp. viii+577-992. 6 pl. (col.). figs. in text. Vol. III, pp. viii+993-1384. 9 pl. (col.). figs. in text. index. London.

A compilation of British wild life by various writers. The wonders of bird life figure largely in these volumes, accompanied by several colored plates and innumerable text-figures. The present copy is one of an edition specially prepared for subscribers, the illustrations in color, sepia, and black and white, being exceptionally fine.

MITCHELL, THOMAS LIVINGSTONE [1792-1855].

1839. Three expeditions into the interior of eastern Australia. 2 vols. 8vo. Vol. I, pp. xxi+355. vignette. 21 pl. 16 figs. 1 map (col. fold.). T. of c. append. Vol. II, pp. ix+415. 29 pl. 21 figs. T. of c. append. London.

MITCHILL, SINGLETON.

1803. Partial catalogue of the birds of New York made by [him] at Plandome, and communicated to Dr. Mitchill, in a letter dated July 4, 1803. 8vo. 8 ll. New York.

Excerpt. A typed copy from the *Medical Repository*, Second Hexade, vol. II, pp. 121 et seq. (New York), 1805. The rarity of this item may be inferred from its having entirely escaped Dr. Coles the veteran bibliographer, as well as its entire oversight by other bibliographers and writers on the Birds of New York, and especially of Long Island, where the author's observations were made. Further, this is the first bird-list of both Long Island and of New York State. Following the above list is an Appendix, *Reply to the Preceding Communication on the local nomenclature of Game Birds as used by Sportsmen.*

MITTEILUNGEN D. BERN NATURFORSCH. GESELLSCHAFT.

1823-date. Vol. 1- . See BERN.

MITTEILUNGEN DES BUNDES FÜR VOGELSCHUTZ E. V. See ZEITSCHRIFT FÜR VOGELSCHUTZ UND ANDERE GEBIETE DER NATURSCHUTZES. Sitz Stuttgart.**MITTEILUNGEN D. CREFELD NATURWISSENSCHAFTL. MUSEUM.** 1909-19? See CREFELD.**MITTEILUNGEN D. DEUTSCHE GESELLSCHAFT F. NATUR. U. VÖLKERKUNDE OSTASIENS, TOKYO.** 1873-date. See DEUTSCHE GESELLS. OSTASIENS.**MITTEILUNGEN D. DÜSSELDORF. NATURWISSENSCHAFTL. VEREIN.** 1884-1913. Nos. 1-5 (all pub.)**MITTEILUNGEN ZUR GESCHICHTE DER MEDIZIN UND DER NATURWISSENSCHAFTEN.** 1902-date. Hamburg.**MITTEILUNGEN D. GRATZ. NATURWISSENSCHAFTL. VEREIN F. STEIERMARK.** 1863-date. See GRATZ.**MITTEILUNGEN D. GREIFSWALD. NATURWISSENSCHAFTL. VEREIN V. NEUVOR-POMMERN U. RÜGEN.** 1869-date. See GREIFSWALD.**MITTEILUNGEN AUS DER LIPPISCHEN GESCHICHTE UND LANDESKUNDE.** (Naturwissen. Verein f. d. Fürstentum Lippe.) 1903-date. Detmold.**MITTEILUNGEN D. MUSEUM FÜR TIERKUNDE UND VÖLKERKUNDE ZU DRESDEN.** 1875-8. See DRESDEN.**MITTEILUNGEN D. NATURWISSENSCHAFTLICHE VEREIN ZU ASCHAFENBURG.** 1884-1907.**MITTEILUNGEN D. NATURFORSCH. GESELLSCH. IN BERN.** 1823-date.**MITTEILUNGEN DER NATURFORSCH. GESELLSCHAFT IN SOLOTHURN.** Schweiz.

1902-23. Heft 1-7.

MITTEILUNGEN D. NATURWISSENSCHAFT. GESELLSCHAFT IN WINTERTHUR.

1899-1927. Pts. 1-16.

MITTEILUNGEN DES ORNITHOLOGISCHEN KOMITEES DER KÖNIGLICHEN SCHWEDISCHEN Akademie der Wissenschaften.

1887-92. Pts. 1-4 (all issued?). 8vo. Stockholm. This is a *Bihang till K. Svenska Vet.-Akad. Handlingar*. The Compiler has seen as separate publications: 1. 1887. pp. 182. Edited by F. A. Smitt. 2-4. 1888-92. Published by C. R. Lundstrom. Stockholm.

A periodical of considerable scientific importance.

MITTEILUNGEN DES ORNITHOLOGISCHEN VEREINS IN WIEN. Blätter für Vogelkunde, Vogel-Schutz und -Pfleger.

1877-97. [End.] Redacteurs August von Pelzel und Carl von Enderes. Vols. (Jahrgänge) I-XXI. Irregularly issued but generally monthly and (later) quarterly. After 1888 continued as *Die Schwalbe*. This the most important of the Austrian journals devoted to ornithology had many changes in title, etc., and is best described (with some slight modifications and one correction) by the Library of Congress.

MITTEILUNGEN AUS DEM OSTERLANDE. (Natur. Gesell. d. Oester. zu Altenburg.) Altenburg.

1837-69. 1880-date. New series.

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- MITTEILUNGEN D. SECTION F. NATURKUNDE DES OESTERR.**
1889-1920. (Touristen-Club.) 22 bd. *Wien.*
- MITTEILUNGEN D. VEREINS F. NATURFREUNDE MIT SECTION VOGELSCHUTZ ZU DÖBELN.**
1928-9. I, II.
- MITTEILUNGEN DES VEREINS SÄCHSISCHER ORNITHOLOGEN.**
1927-9. Nos. 1-4 (for Nos. 1-6).
- MITTEILUNGEN AUS DEN VERHANDLUNGEN D. GESELLSCHAFT NATURFORSCHENDER FREUNDE, BERLIN.**
1836-8. (All pub.) See GESELLSCHAFT . . . FREUNDE.
- MITTEILUNGEN ÜBER DIE VOGELWELT. Blätter für Vogelkunde und Vogelschutz.** Organ d. Süddeutsche Vogelwarte in Stuttgart.
1901-30. Jahrg. I-XXIX, index.
- MITTEILUNGEN D. ZOOLOGISCHEN STATION D. NAPLES.** 1876-1915. See NAPLES.
- MITTERPACHER, L.** See PILLER, M., 1783.
- MITTHEILUNGEN DER AARAUSCH. NATURFORSCH. GESELLSCHAFT.** See AARAU, 1878.
- MITTHEILUNGEN DES ÖSTERR. Reichsbundes für Vogelkunde und Vogelschutz in Wien.**
1901-13. Vols. (Jahrgänge) I-XIII. 4to. [Suspended?] Press of Carl Fischer. Issued irregularly at first and then in monthly or fortnightly parts (of about 10 pages), the parts of the volume paged continuously. *Wien.*
The Compiler has been unable to obtain reliable information as to the further issues (if any) of this important South German periodical which combines the functions of a scientific and popular magazine. In its pages appear papers by many eminent zoologists. In this respect it ranks second in Austria to *Die Schwalbe* (q.v.).
- MITTHEILUNGEN ÜBER DIE VOGELWELT.** Early title (beginning with Jahrg. IV) of *Mittheilungen des Österr. Reichsbundes*, etc. (q.v.).
- MIVART, ST. GEORGE JACKSON** [1827-1900].
1873. Man and apes, an exposition of structural resemblances and differences bearing upon questions of affinity and origin. 8vo. pp. 6+200. 40 pl. *London.*
1874. The common frog. 8vo. pp. 7+158. 1 pl. text-figs. *London.*
1876. Lessons from nature, as manifested in mind and matter. 8vo. pp. xvi+462. index. *London.*
1881. The cat. An introduction to the study of backboneed animals, especially mammals. 8vo. pp. 23+557. illust. *London.*
1890. Dogs, jackals, wolves, and foxes: a monograph of the *Canidae*. 4to. pp. 36+216. 45 col. pl. text-figs. *London.*
One of the finest monographs on the subject.
1892. Birds; the elements of ornithology. 8vo. pp. 8+329. 174 text-figs. index. *London.*
A well arranged, semi-popular work on the subject, making an excellent and concise manual for the student.
1893. Types of animal life. 8vo. pp. viii+374. 103 figs. T. of c. *London.*
There was a second (unchanged) printing in 1894.
1896. A monograph of the lorries, or brush-tongued parrots, composing the family *Loriidae*. 4to. pp. 53+193. 61 pl. (col.). 19 figs. 4 maps (col.). index. *London.*
An excellent treatise, with beautiful hand-colored plates by J. G. Keulemans, and special maps to show the distribution of the family *Loriidae* and its component genera.
- MÖBIUS, KARL AUGUST** [1825-1908].
1893. See DEUTSCH-OST-AFRIKA, 1893-date.
1894-8. Der Thierwelt Ost-Afrikas, etc. 4 vols. 4to. many pl. Vol. I. Säugetiere by P. Matschie; Vögel by A. Reichenow; Reptilien und Amphibien by G. Tornier; Fische by G. Pfeffer. *Berlin.*
1896. Die Thierwelt Ost-Afrikas und der Nachbargebiete. Wirbelthiere. Vol. I. Vögel. 4to. pp. (2)+250. 108 figs. (44 col.). bibliogr. index. *Berlin.*
The portion of the whole work devoted to birds, by Anton Reichenow. The number of species recorded is 728, with notes on their habits and distribution.
- MOCADDESSI, EL, D'AZZ-EDDIN.**
1821. Les Oiseaux et les Fleurs, allégories morales, publiées en arabe, avec une traduction et des notes par Garcin de Tassy. 8vo. *Paris.*
- MODENA. Società dei Naturalisti etc. Annuario e Atti. Serie I-V.**
1866-1922. 52 vols.
- MOEHRING, PAUL HEINRICH GERHARD** [1710-92].
1752. Avium genera, Auctore, etc. 8vo. pp. 88. G. C. Rump. *Bremæ.*
A rare, fundamental treatise on general ornithology, giving an annotated, systematic catalogue of 114 genera. A facsimile reprint of the (Amsterdam) 1758 edition has been issued by W. Junk of Leipzig.
→ 1906. Geschlachten der Vögel. (Avium Genera.) *Berlin.*
A facsimile of the very rare 1752 edition.
- MOERBE, JOHANNES.**
1866. Der praktische Vogelfreund. 12mo. pp. 144. T. of c. *Berlin.*
This scarce pamphlet describes, in popular manner, 94 foreign and domestic species of cage birds observed by him in Germany.
- MOERCH.**
1921. Undersøeg-fartøj for Trondhjems Biolog. Station. (Skibsbygning 1921.)
- MOJSISOVICS, AUGUST, Edler von Mojsvár** [1857-97].
1884. Erster Nachtrag zur 'Ornis' von Bélye und Dárda. 4to. pp. 11. *Graz.*
- MOLANDER, A. R.**
1928. Animal Communities in Gullmar Fjord. *Stockholm.*
An excerpt from the reports of the Swedish Kristineberg Zoological Station No. 2.

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Süddeutschen

- 1819. De kunst om vogelen op het eerste aanzien te leeren kennen; of korte schets van derselver uiterlijke gedaante en geslachten, tot welke zij behooren. 3 vol. pls. Amsterdam.

- Mivart, St. g. j., 1876. Contemporary evolution. 8vo.

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Molineux, H. G. K. 1930. [Aug. 1/32. work has been completed in 4 parts.

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MOLINA, GIOVANNI IGNAZIO [1740-1829].

1782. Saggio sulla storia naturale del Chile. *Svo.*
pp. 367. 1 map. *Bologna.*

A classic essay (of which this is the first edition) by the Abbé Molina, on the natural history of Chile. It has been reprinted and translated many times, and has furnished much of our early information regarding the vertebrate zoology of South America.

1789. Essai sur l'histoire naturelle du Chile. *Svo.*
pp. 16+351. *Paris.*

A French translation of the original Italian edition of 1782, with notes by M. Gruevel.

1808. The geographical, natural and civil history of Chili. With notes from the Spanish and French versions, and an appendix containing copious extracts from the Araucana of Don Alonso de Ercilla. Tr. from the original Italian by R. Alsop. 2 vols. *Svo.* Vol. I, pp. xii+271. 1 map (fold.). *T. of c. addend.* Vol. II, pp. viii+305. *T. of c. addend.* *Middletown (Conn.).*

1810. Saggio sulla storia naturale del Chile. 2nd ed. *folio.* pp. 306. map. *Bologna.*

This is a very accurate work written in a very agreeable style. Libro IV (pp. 172-276) deals with the animals of Chili. The author observes the special fondness of the Puma for horseflesh, confirmed by later writers (e.g. W. H. Hudson). Molina was born in Chili and subsequently settled in Italy.

MOLINEUX, HENRY GISBORNE KING.

1930. A Catalogue of Birds, giving their Distribution in the Western Portion of the Palaearctic Region. (With a bibliography.) Pt. I. pp. 4+128. *Eastbourne.*

The first instalment of a valuable, painstaking addition to the zoogeography of birds in an important section.

MOLLTONI, EDGARDO and VANDONI, CARLO.
1931. Gli Uccelli d'Italia. 4to. pp. 768. 16 col. pl. 260 text-figs. *index.* *Milano.*

To be published in 48 parts, the treatise being based on G. Martorelli's work of the same title, 1906. It may be regarded as a revised edition of that popular textbook.

MOLYNEUX, THOMAS [1661-1733]. 1726-55.
See BOATE, GERARD.

MONACO. Institut Océanographique.
1909-17. Annales.

1924-date. Annales. New series.

1904-date. Bulletin.

MONATSBLETT DES BADISCHEN VEREINES FÜR GEFLUGELSUCHT.
1872-6. Jahrg. 1-5. Suspended (?). 4to. *Karlsruhe.*

The periodical is listed as No. 2840 in the Harvard Library Catalogue of Serials and is (by others) said to have published papers of scientific value.

MONATSHEFTE FÜR DEN NATURWISSENSCHAFTLICHEN UNTERRICHT ALLER SCHULGATTUNGEN. *See* NATURWISSENSCHAFTLICHE MONATSHEFTE FÜR DEN BIOLOGISCHEN . . . UNTERRICHT.

MONATSSCHRIFT [ORNITHOLOGISCHE] DES DEUTSCHEN VEREINS ZUR SCHUTZE DER VOGELWELT. *See* MONATSSCHRIFT DES SÄCHSISCH-THÜRING. VEREINS F. VOGELKUNDE, etc.

MONATSSCHRIFT DES SÄCHSISCH-THÜRINGISCHEN VEREINS FÜR VOGELKUNDE UND VOGELSCHUTZ ZU HALLE A. D. SAALE.

1876-1930. Vols. 1-55. *illustr. index to vols.*
Editors, E. von Schlechtendal, W. Thienemann, Carl Henricke, and others. Supplements and Registers.

This important, useful, and popular periodical has maintained its early promise for over 46 years and has done much to preserve and cultivate bird life in Germany, both as the organ of numerous societies and independently. During its long life it has published contributions—many of scientific interest and value—from most of the contemporary ornithologists. It is the oldest and probably the best (German) journal of its class.

MONCKTON, CHARLES ARTHUR WHITMORE.

1921. Some experiences of a New Guinea resident magistrate. 3rd ed. *Svo.* pp. x+337. 36 pl. 1 map (fold.). *index.* *London.*

1921. Taming New Guinea; some experiences of a New Guinea resident magistrate. *New York.*
The American edition, with changed title.

1922. Last days in New Guinea; being further experiences of a New Guinea resident magistrate. *Svo.* pp. x+287. 55 pl. 2 maps (fold.). *index.* *New York.*

A companion volume to the author's *Some Experiences of a New Guinea Resident Magistrate*. In this account there are numerous references to animals, e.g. Birds of Paradise, Bower birds, Cockatoos, the Skylark, Cassowaries, etc., and an account of the fauna of Mt. Albert Edward.

MONCONYS, BALTHASAR DE [1611-65].

1665-6. Journal des voyages de Monsieur de Monconys . . . Où les sçauants trouueront vn nombre infini de nouueautez . . . outre la description de diuers animaux & plantes rares, plusieurs secrets inconnus. *Editio princeps.* 3 vols. *Svo.* *illustr.* *Lyon.*

A very rare and valued account of voyages, in the course of which many animals are described. A second edition in 1677 and several others were also published.

MONCRIEFF, ASCOTT ROBERT HOPE [1846-? 1915].

1925. Animals that work [for man]; or, Beasts of business. 12mo. pp. vii+244. *front. (col.). T. of c.* *London.*

First published in 1909.

MONCRIEFF, PÉRRINE.

? 1926. New Zealand birds and how to identify them. 12mo. pp. 10+92. *Auckland.*

MONET, JEAN BAPTISTE PIERRE ANTOINE DE.
See LAMARCK, J. B.

MONITORE ZOOLOGICO ITALIANO.

1890-date. (Pubblicazioni Italiane di Zoologia, etc. . . . Istituto anatomico della R. Università di Siena.) *Svo.* (Wanting.) *Firenze.*

Many papers of great value to students of vertebrate zoology have appeared in this important journal since its first issue. Anno XL is 1930.

MONOGRAPHS OF AMERICAN SOCIETY OF MAMMALOGISTS. *See* AMERICAN SOCIETY OF MAMMALOGISTS.

MONRO, ALEXANDER *Secundus* [1733-1817].

1785. The Structure and Physiology of Fishes compared . . . with Man and other Animals. *folio*. pp. 128. pl. 44. *Edinburgh*.

A treatise of much value (founded on actual dissections) considering the time in which it was written.

? 1790. Manuscript, written in the second half of the 18th cent. Lectures on Anatomy and Comparative Anatomy. 3 vols.

This well-known writer and lecturer was much interested in comparative zoology. The manuscript (in the Osler Library) was probably written by the author's own hand.

MONTAGU, GEORGE [1751-1815].

1802. Ornithological dictionary; or, Alphabetical synopsis of British birds. 1st ed. 2 vols. *unpaged*. 8vo. *illustr.* *append.* *glossary*. *London*.

Coues greatly admired this early dictionary and calls it 'a vade mecum which has held its place at a thousand elbows for three-quarters of a century'. The author published a supplement eleven years later and there were several subsequent editions and reprints.

1813. Supplement to the Ornithological Dictionary, or synopsis of British birds. 8vo. *title and pp. vi. no textual pag. 24 col. pl. appendix, with addenda and errata*. *London*.

This supplementary volume has (rare) colored plates and is a presentation copy to Mr. Foljambe by the author 'as a mark of his esteem'. The present copy is from the library of H. C. Oberholser.

1831. Ornithological dictionary of British birds. With a plan of study, and many new articles and original observations, by James Rennie. 2nd ed. 8vo. pp. 40+592. *illustr.* *London*.

A reissue of the first edition. It was followed by an identical impression in 1833.

1833. Ornithological dictionary of British birds. *London*.

Identical with the 1831 edition.

1866. A dictionary of British birds. Reprinted from Montagu's Ornithological dictionary, and incorporating the additional species described by Selby; Yarrell, in all three editions, and in natural-history journals . . . by Edward Newman. 8vo. pp. 24+399. *London*.

[1882 or 1889]. A dictionary of British birds being a reprint of Montagu's Ornithological Dictionary together with the additional species described by Selby; Yarrell in all three editions; and in Natural-History Journals. Compiled and Edited by Edward Newman. 1 vol. and supplement. 8vo. pp. xxiv+400. *London*.

Another of the numerous issues of the celebrated dictionary. The copy in hand is from the Mullens Library.

MONTANA UNIVERSITY. Bulletin.

1901-10. Biological Series 1-15 (all pub.).

MONTEIRO, JOACHIM JOHN [d. 1878].

1875. Angola and the river Congo. 2 vols. 8vo. Vol. I, pp. viii+305. *front.* (map fold.). 9 pl. *T. of c.* Vol. II, pp. iv+340. 7 pl. *append.* *index*. *London*.

MONTES DE OCA, RAFAEL.

1875. Ensayo ornitológico de los troquilídeos ó colibríes de México. *folio*. pp. (4)+60. *front.* (portr.). 12 pl. (col.). *index*. *Mexico*.

Humming-birds of Mexico; 48 species are enumerated and 46 of them are illustrated in colors. Presentation copy from author with autograph.

MONTEVIDEO. See MUSEO NACIONAL DE MONTEVIDEO.

MONTHLY AMERICAN JOURNAL OF GEOLOGY AND NAT. SCIENCE.

1831-2. Nos. 1-12 (all pub.). *Phila.*

MONTHLY MICROSCOPICAL JOURNAL.

1869-77. See also ROYAL MICROSCOPICAL SOCIETY. *London*.

MONTI, MAURIZIO.

1845. Catalogo e notizie compendiose degli uccelli di stazione e di passaggio nella città provincia e diocesi di Como e loro Comasca sinonimia. 12mo. pp. 14+47. *Como*.

This rare little work—*fuori di commercio*—lists and briefly describes the birds of the province of Como, giving their scientific, Italian, and local names. The copy in hand was presented to M. Michelin by the author.

MONTPELLIER UNIVERSITÉ. Institut de Zoologie.

1873-85. Travail.

1885—date. Travail. New series.

See also STATION ZOOLOGIQUE DE CETTE, NANCY UNIVERSITÉ.

MONTPELLIER UNIVERSITÉ. Institut de Zoologie Maritime.

1903—date. Mémoires.

MONTREAL NATURAL HISTORY SOCIETY.

1846. Catalogue of the library and museum. 8vo. pp. 40. *Montreal*.

Catalogue of the Society's library consisting of some eight or nine hundred volumes on natural history in general, voyages, biographies, and scientific periodicals, etc., acquired by McGill University.

1859. Constitution and by-laws; also, A list of the officers, corresponding and honorary, life and ordinary members of the society, May 1859. 8vo. pp. 31. *Montreal*.

The By-Laws, etc., of this Society, which was founded in 1827, incorporated in 1832; it had unfortunately ceased to exist just previous to 1927, the whole of the collections being taken over by the Redpath Museum, of McGill University.

1886. Constitution and by-laws, with the amending act. pp. 24. *Montreal*.

MONTROUZIER, XAVIER [1820-97].

1857. Essai sur la Faune de l'île de Woodlark ou Moïou. 4to. pp. 226+7. *Lyon*.

MOODY, JULIA and MARKS, J. A.

1910. A holiday with the birds. See MARKS, J. A. and MOODY, JULIA.

MOORE, FREDERIC [1830-1907] and **HORSFIELD, T.**

1854-8. A catalogue of the birds in the Museum of the Hon. East-India Company. See HORSFIELD, T. and MOORE, F.

MOORE, GEORGE PETER.

1879. British birds systematically arranged, [with] the geographical range of 376 species. *folio*. pp. 15. 5 tab. (fold.). *London*.

→ Moody, Arthur J. 1932. Wild Fowl & Game Birds in Activity. Demy 8vo.
London.

Moore, n.d. New and little known species of Indian birds. 12 col. pls.

1898. Life and letters, with selections from his zoological and botanical writings. Ed.
by C. B. Moffat. 642 p. port. col. map. Dublin.

→ Morelet, G. 1857. Voyage dans l'Amérique centrale, l'île de Cuba et le Yucatan.
2 v. ill. 800. Paris.

→ Morley, A. M. 1911. Bird life on Clifton Downs.

→ Morley, F. V. and Hodgson, J. S. 1926. Whaling north and south. 800, 235 p. 42 photos.
— Ornithologist and Oologist. Vol. 1. no 7, 98
— Muscum. Vol. 1. nos 3, 8, 12.

MOORE, JOHN [d. 1737].

1765. A Treatise on domestic Pigeons, etc. See ANONYMOUS, A Treatise, etc.

1858. [Columbarium, &c.] See EATON, J. M., A treatise on the art of breeding . . . pigeons, &c.

1879. Moore's Columbarium; or, The pigeon-house: being an introduction to a natural history of tame pigeons, giving an account of the several species known in England, with the method of breeding them, their distempers and cures (reprinted verbatim from the original edition of 1735, with a brief notice of the author, by W. B. Tegetmeier). 4to. pp. vi+xiv+60. glossary. London.

Original copies of Moore are of the greatest rarity; beyond the four existing in the library of the British Museum two other copies only are known. The present reprint is said to be an exact reproduction of the original of 1735. After the reprint was made, some minor misprints were discovered, these being noted and corrected in the introduction by Mr. Tegetmeier. The *Columbarium* of Moore is the earliest English work giving a description of the different varieties of the domestic pigeon. Eaton incorporated the work into his *Treatise on the art of breeding and managing Fancy Pigeons*, 1858, with the addition of copious footnotes, either his own, or else extracted from other authors, to whom due credit is given.

MOORE, JOHN EDWARD SHOREC.

1901. To the Mountains of the Moon, being an account of the modern aspect of Central Africa [including the fauna], etc. With illustrations and maps. 8vo. pp. xvi+350. front. (col.). 18 pl. (5 fold.). 68 figs. 3 maps (1 col., 2 fold.). index. London.

1903. The Tanganyika problem; an account of the researches undertaken concerning the existence of marine animals in Central Africa. 8vo. pp. 23+371. 2 col. pl. 7 col. maps. figs. in text. London.

MOORE, JOHN HAMILTON. See DAMPIER, WILLIAM, 1780.

MOQUIN-TANDON, CHRISTIAN HORACE BÉNÉDICT ALFRED [1804-63].

1835-44. See WEBB and BERTHELOT, 1835-44.

1857-8. See BONAPARTE, C. L. J. L.

1861. Elements of medical zoology. From the French by R. T. Hulme. 8vo. pp. 14+423. illust. London.

1863. See CLAUS, C. F. W.

MORAVSKA PŘÍRODOVĚDECKA SPOLEČNOST, BRÜNN.

1924-date. Prace.

Latin title: Societas Scientiarum Naturalium Moraviae.

MORDEN, WILLIAM JAMES [1886-].

1927. Across Asia's snows and deserts. 8vo. pp. 14+415. 65 pl. 2 append. index. New York.

An account of the Am. Mus. of Nat. History (Morden-Clark) Asiatic expedition of 1926. References to bird and other animal life are frequent and of great interest.

MORE, ALEXANDER GOODMAN [1830-95].

1860. Outlines of the natural history of the Isle of Wight. 8vo. pp. 107. London.

Extracted, with a special title, from Venables' *New Guide to the Isle of Wight*.

1882-7. Report on the migration of birds in the spring and autumn of 1881-(86). See HARVIE-BROWN, J. A. and others.

1885. A list of Irish birds showing the [232] species contained in the Science and Art Museum, Dublin. 8vo. pp. 32. Dublin.

1887. Science and Art Museum, Dublin. Guide to the natural history department. Series I. Vertebrate animals. Pt. I. Mammals and birds. 8vo. pp. 38. Dublin.

1890. A list of Irish birds showing the species contained in the Science and Art Museum, Dublin. 2nd ed. 8vo. pp. 38. Dublin.

MOREAU, H.

1891. L'Amateur d'Oiseaux de Volière.

MORENO, FRANCISCO JOSUÉ RASCASIO [1852-1919].

1890. Le Musée de La Plata. 'Traduit de la Revista del museo, tome 1, 1890.' 8vo. pp. 31. 8 pl. Buenos Ayres.

MORGAN, A. M.

1924. An ornithological trip round Eyre peninsula. See SUTTON, J., 1924.

MORGAN, CONWY LLOYD [1852-].

1891. Animal life and intelligence. 8vo. pp. 16+512. pl. Boston.

[1891]. Animal sketches. 8vo. pp. (6)+312. front. 7 pl. 60 figs. T. of c. London.

1900. Animal Behaviour.

1912. Instinct and Experience.

MORGAN, THOMAS HUNT [1866-].

1907. Experimental zoölogy. 8vo. pp. xii+454. 25 figs. index. New York.

1919. The Mechanism of Mendelian Heredity. New York.

A work specially recommended to the student.

1927. Experimental embryology. 8vo. pp. xi+766. 263 figs. index. New York.

MORIKUNI, TACHIBANA.

ca. 1768. Animal Sketches. Arranged in European Order. Vol. IX.

MORPHOLOGISCHE ARBEITEN. Jena.

1891-8. Continued as Zeitschrift für Morphologie und Anthropologie.

MORPHOLOGISCHES JAHRBUCH. See GEGENBAURS MORPHOLOGISCHES JAHRBUCH.**MORRELL, GEORGE HERBERT.**

[1870]. The Student's manual of comparative anatomy, and guide to dissection: being an introduction to the study of the structure and classification of recent animals. Pt. II. Sauropsida. Section I. Aves. 8vo. pp. viii+75. T. of c. Oxford.

MORRIS, BEVERLEY ROBINSON.

→ 1855. British game birds and wild fowl, with 60 hand-coloured plates. 1st ed. 4to. London.

? 1864. British game birds and wildfowl. 4to. pp. iv+254. 60 hand-col. pl. T. of c. London.

There were at least four editions or printings of this well-illustrated book, written by a brother of the Rev. F. O. Morris. The copy in hand is undated and may have been any of the (identical) works issued between 1855 and 1873, although most of these appear to have pp. iv+252 instead of pp. iv+254. The author, a medical practitioner and editor of *The Naturalist*, emigrated to America in 1856.

1891. British gamebirds and wildfowl. With sixty plates, coloured by hand. 3rd ed. 4to. pp. vi+272. 60 pl. (col.). T. of c. London.

MORRIS, FRANCIS ORPEN [1810-93].

1851-7. A history of British birds. 6 vols. 8vo. Vol. 1, pp. iv+364. 59 pl. (col.). Vol. 2, pp. iv+360. 60 pl. (col.). Vol. 3, pp. iv+391. 59 pl. (col.). Vol. 4, pp. iv+330. 62 pl. (col.). Vol. 5, pp. iv+315. 57 pl. (col.). Vol. 6, pp. xi+290. 60 pl. (col.). index. London.

A popular account of British birds gathered from various sources, some of it unfortunately unreliable. The plates (357) are hand-colored and fairly good. The work was brought out in monthly parts. Mullens and Swann record three reissues of this first edition, four revised editions, and two cabinet editions, which goes to prove how very popular the work must have been at the time, especially with amateur ornithologists and taxidermists who identified their finds by means of the colored plates.

1853. Book of natural history containing a description of animals and birds. 8vo. pp. 4+318. 160 pl. (col.). T. of c. London.

1853-6. A natural history of the nests and eggs of British birds. 3 vols. 8vo. Vol. I, pp. iv+156. 76 pl. (col.). Vol. II, pp. 148. 72 pl. (col.). Vol. III, pp. (4)+140. 74 pl. (col.). index. London.

At the end of vol. III there are three extra plates bound in, Nos. 40, 49, and 62. The early editions of this work are far superior in coloring to modern copies.

1860. Anecdotes in natural history. 3rd ed. 8vo. pp. 112. 48 figs. T. of c. London.

1863-7. A history of British birds. 8 vols. 8vo. London.

The first issue of the two cabinet editions of the original first edition. The copy in hand contains 358 plates, the extra one being that of the Mottled Owl, a bird of which there was no record when the first edition was published.

1864. A natural history of the nests and eggs of British birds. 3 vols. 8vo. Vol. I, pp. iv+156. 78 pl. (col.). Vol. II, pp. iv+148. 76 pl. (col.). Vol. III, pp. iv+140. 71 pl. (col.). index. London.

The present edition appears to be a reissue of that published in 1853-6, as it is not mentioned by Mullens and Swann, who give the date of the second edition as 1875. The present copy contains 223 colored plates only—the correct number for the first edition—although the title-pages state 225, the difference arising in vol. I, which is said to contain 78 plates, whereas there are only 76 as bound.

1879. Letters to the 'Times' about birds, etc. 8vo. pp. [2]+268. London.

Presentation copy from author.

[1882]. All the articles of the Darwin faith. 8vo. pp. 99. London.

[1888]. A history of British birds. 8 vols. 8vo. many col. pl. London.

A reissue of the 1863-7 cabinet edition. The plates are not as well colored as in the first issue. Among errors, the plate of the Long-tailed Tit bears the title Spotted Flycatcher!

1895-7. A history of British birds. 4th ed. 6 vols. 8vo. London.

The fourth printing of the original edition of 1851-7. It contains 37 extra hand-colored plates (in all 394) as well as a revision, correction, and enlargement of the text.

****** and TEGETMEIER, W. B.**

1896. A natural history of the Nests and Eggs of British Birds. 4th ed. 3 vols. 8vo. Vol. I, pp. xix+178. 85 pl. (col.). 5 figs. Vol. II, pp. viii+155. 84 pl. (col.). Vol. III, pp. xi+207. 82 pl. (col.). index. London.

The text of this edition is altered from that of 1853-6 and of 1864 (q.v.). The numbering of the plates is much the same as the originals, although executed in a very inferior manner. The introduction is by Tegetmeier, who is responsible for the many changes in the work.

1903. A history of British birds. 6 vols. 8vo. London.

Differing from the fourth edition, 1895-7, by the addition of six extra plates, as well as by the revision of the coloring of the whole 400. A number of new species are described in the Appendix.

MORRIS, JOHN [1810-86].

1854. A catalogue of British fossils: comprising the genera and species hitherto described. 2nd ed. 8vo. pp. vii+372. index. London.

The first edition was issued in 1843.

MORRIS, MARMADUKE CHARLES FREDERICK.

1897. Francis Orpen Morris; a memoir, by his son. 8vo. pp. ix+323. front. (portr.). 2 append. index. London.

MORRIS, MAX.

1905-7. Schriften zur Naturwissenschaft. See GOETHE, J. W.

MORRIS, ROBERT OLIVER.

1901. The birds of Springfield and vicinity. 8vo. pp. 54. map. index. Springfield, Mass.

An annotated list of the birds known to have occurred within 25 miles of Springfield, Massachusetts.

MORRIS, ROBERT TUTTLE [1857-].

1896. Hopkins's pond and other sketches. 8vo. pp. viii+(2)+227. front. T. of c. New York.

MORRIS, STANLEY.

1925. Bird-song; on the songs and notes of some British birds. 12mo. pp. ix+134. 2 figs. 2 indexes. London.

A manual of bird-song with numerous tables giving average song periods of species which resume their song in autumn, and those which do not; earliest, latest, and mean dates of commencement of song, earliest and latest recorded dates of song periods, merits of song performance, and of birds which sing at night-time, on the wing, on the ground, and those which sing in concert.

MORSE, ALBERT PITTS [1863-].

1897. Annotated list of [244] birds of Wellesley and vicinity; comprising the land-birds and most of the inland water-fowl of eastern Massachusetts. 8vo. pp. 56. addend. index. Wellesley, Mass.

1912. A pocket list of the birds of Eastern Massachusetts. Salem, Mass.

MORSE, EDWARD SYLVESTER [1838-].

1868. See AMERICAN NATURALIST.

1872. On the tarsus and carpus of birds. (*Annals of the Lyceum Natural History*, New York, vol. X, 1872.) 8vo. pp. 22. 2 pl. (fold.). 8 figs. Author's reprint. Salem.

The object of this paper is to throw light upon the number and condition of the tarsal and carpal bones in birds. Autographed copy by the author.

← 851-53. The Naturalist. vols. 1-3, illus.

→ 1811. Tr. elem. d'ornithologie. 2v. 5 pl. Lyon.

MORSE, GEORGE BYRON.

1910. Pheasant raising in the United States. See OLDYS, HENRY.

MORSE, RICHARD.

1925. The natural history of Hertfordshire. See WILMORE, A.

[1926]. Wild plants and seeds for birds; an illustrated dictionary of the best foods for use in the aviary. 12mo. pp. [4]+110. London.

MORTON, JOHN [? 1671-1726].

1712. The natural history of Northamptonshire. 4to. pp. iv+551. 14 pl. 1 map (fold.). 2 indexes. London.

MORWOOD, VERNON S.

1883. Facts and phases of animal life. 8vo. pp. xvi+286. 75 figs. T. of c. glossary. New York.

MOSCARDO, LODOVICO.

1656. Note overo memorie del Museo di L. Moscardo. E in tre libri distinte. Nel Terzo de Corali, Conchiglie, Animali, Frutti, & altre cose in quello contenute. folio. illust. Padova.
A rare and curious treatise, in Dean Adams's Library.

MOSCOW.

1868-1913. Bulletin de la Société Impériale des Naturalistes. New series.

MOSELEY, HENRY NOTTIDGE [1844-91].

1892. Notes by a naturalist; an account of observations made during the voyage of H.M.S. 'Challenger' round the world in the years 1872-1876. New and revised ed. 8vo. pp. 24+540. portr. illust. map. London.

MOSENTHAL, JULIUS DE and HARTING, J. E.

1877. Ostriches and ostrich farming. 8vo. pp. xxi+246. 8 pl. 20 figs. append. index. London.
First edition. The second edition of this illuminating treatise on ostrich farming in South Africa was issued in 1879.

MOSLEY, F. O. 1915. See MOSLEY, SETH LISTER.**MOSLEY, SETH LISTER [1848-? 1920].**

1884-[92]. A history of British birds, their nests, and eggs. 2 vols. 8vo. Huddersfield.

This is a scarce treatise, systematically arranged, on British birds. Mullens and Swann (*Bib. of British Ornith.*, p. 421) state that the work was intended to form five volumes, but only the first two and part of volume three appeared. Their collation conforms exactly to the copy in hand (in the original wrappers) as follows:
'Vol. I [II]. Indigenous Land Birds; [Vol. III. Indigenous Waders.] Huddersfield: [1881]-92. Issued in "monthly" parts, 8vo. 69 nos. were published in 59 pts. (irregularly). Vol. I, with title dated 1884, contains pl. 1-56 of birds and 56 pl. of eggs, with leaf of text for each bird. Vol. II, dated 1887, pl. 57-116 of birds+eggs pl. 57-98, and text to each bird. Vol. III (unfinished and no title issued), pl. 117-57 and 160-63 of birds, 99-115 and 109 bis of eggs+text to each bird. It was published in two editions, "superior" and "ordinary". The issue of parts commenced in 1881 and No. 69 is dated Jan. 1892. Plates 158 and 159 were never issued.'

1896. Annotated catalogue of British Birds, Nests and Eggs. Pt. I (all pub.). 8vo. pp. 50. 50 col. pl. Huddersfield.

Probably based on the author's unfinished *History of British Birds*, from which the plates were taken. It is a rare item not mentioned by Mullens and Swann.

****** and MOSLEY, F. O.**

[1915]. An Account of the Birds of the Huddersfield District. 1 vol. 8vo. 40 col. pl. 40 maps.

Issued privately to subscribers only. Original wrappers bound in.

This rare work was printed by the authors on a hand-press and issued in 20 parts, the 40 'crayon-watercolour plates' being prepared by a 'new hand-process'. The maps show the distributional areas of certain species—altogether a creditable and useful treatise on local ornithology.
The frontispiece is the portrait of the authors' father, a naturalist whose work and teaching inspired the production of the present volume.

MOSSOP, JOHN.

1841. Ornithologia Britannica; a synopsis of British land-birds in verse and prose. 8vo. pp. xviii+259. index. London.

MOTLEY, JAMES [1814-92] and DILLWYN, L. L.

1855. Contributions to the natural history of Labuan, and the adjacent coasts of Borneo. 8vo. pp. 62. pl. Pt. I (all pub.). London.

MOUHOT, ALEXANDRE HENRI [1826-61].

1864. Travels in the central parts of Indo-China (Siam), Cambodia, and Laos, during the years 1858, 1859, and 1860. 2 vols. 8vo. illust. Vol. I, Wanting. Vol. II, pp. viii+301. front. (fold.). 24 pl. (4 fold.). 9 figs. T. of c. append. London.

The appendix to the second volume is devoted to vertebrates. A. Günther describes the mammals, reptiles, and fresh-water fishes. A few references are also made to avian species.

MOUSLEY, HENRY.

1911-28. Birds, orchids, ferns and butterflies of Hatley, Quebec. [*Province, Canada.*] 8vo. illust.

This volume, sumptuously bound by Riviere, contains the contributions of a naturalist who has made of the eastern portion of Quebec province (old Lower Canada), with its flora and fauna, an intensive study for nearly 20 years.

He furnished during this period valuable, scientific accounts; *inter alia*, of the avian life of the area in numerous (reprinted) contributions, to *The Auk* in particular, but also to the *Canadian Field Naturalist*. Among the former are essays on 'The Singing Tree' (Oct. 1918), read before the Nuttall Ornithological Club, describing near-by perches of the melodious mates of nesting birds; the 'Home Life of Warblers', illustrated (1921); *Birds of Hatley* (*Auk*, Jan. 1, 1916), and more than 20 other papers on the local ornithology of Eastern Canada based on his personal observations. Mr. Mousley is also a well-grounded botanist and entomologist, valuable qualities in an investigator of all zoological questions. These publications now form Series 7, No. 19, 1930, *McGill University Publications*.

1918. Further notes and observations on the birds of Hatley, Stanstead county, Quebec, Canada. 8vo. pp. 289-310. [*Cambridge, Mass.*]

Author's edition from the *Auk*, July 1918. A further contribution of this author's work on the birds of Hatley, a list annotated in considerable detail, over 160 species being recorded.

MOULTON-FONTENILLE DE LA CLOTTE, MARIE JACQUES PHILIPPE [1769-1837].

1811. Art d'empailler les oiseaux. 10 pl. Lyon.

MOUY, G. and BOUVET, E.

1890. Vingt ans près d'une basse-cour; ou, L'élevage purement rationnel. 2nd ed. 8vo. pp. 211. 14 figs. T. of c. Forest.

MUDGE, ISADORE GILBERT.

1929. New Guide to Reference Books. 8vo. pp. 12+370. index. Chicago.

A useful publication of the *Chicago Library Association*.

MUDIE, ROBERT [1777-1842].

1835. The British naturalist. 2 vols. 8vo. Vol. I, pp. xii+374. 28 figs. Vol. II, pp. xi+389. 19 figs. index. London.

Second edition. First anonymously published in 1830.

[MUDIE, R. (contd.)]

1835. The feathered tribes of the British Islands. 2 vols. 8vo. Vol. I, pp. xxiv+379. 10 pl. (col.). 15 figs. Vol. II, pp. (2)+391. 9 pl. (col.). 6 figs. London.

Second edition of a popular work that, first issued in 1834, passed through many printings.

1841. The feathered tribes of the British Islands. 3rd ed. 2 vols. 8vo. London.

Practically identical with the second edition, 1835.

1854. The feathered tribes of the British Islands. 2 vols. 8vo. Vol. I, pp. xxiv+422. front. (col.). 13 pl. (col., 4 of eggs). 14 figs. Vol. II, pp. (6)+440. 12 pl. (col., 3 of eggs). 5 figs. index. London.

An enlarged and revised edition of the first issue of 1834, edited by W. C. L. Martin. The illuminated title-pages in the present edition bear the date 1853; the full title-pages, 1854, the two volumes forming Nos. 28 and 29 in Bohn's Illustrated Library.

1861. (The) feathered tribes of the British Islands. 2 vols. 8vo. Vol. I, pp. xxiv+422. 13 pl. (4 of eggs). 14 figs. Vol. II, pp. (6)+440. 11 pl. (3 of eggs). 5 figs. index. London.

This (fourth) edition differs only from that of 1854 in having plain, instead of colored plates.

1878. The feathered tribes of the British Islands. 2 vols. 8vo. London.

This edition differs in no way from that of 1861. At least three differently dated printings of this work are entitled 'Fourth Edition'.

→ **MUENCHENER VEREIN FÜR NATURKUNDE.** See *ISIS*. MUNICH.

MUENSTER. Universität.

1905-9. Morphologisches Arbeiten—Anatomisches und Zootomisches Institut.

1920-date. Jahrbuch—Philosophische und Naturwissenschaftliche Fakultät.

1918-21? Mitteilungen—Zoologisches Institut.

MUHAMMAD ABDU'L-LAH.

1912. Faras-nāma. In Hindustani. A Book of the Horse. Four parts. Lithographed from the original 13th-century MS. 4to. pp. 184. 21 lith. cuts. Lucknow.

There are two other copies of this work in the Blacker Library.

1912. 'Ilaju'l-fil. Diseases of the elephant. (Hindustani.) pp. 184. lith. Lucknow.

The Blacker Library has also a variant of the above.

+ ✓ **MUHAMMAD KARAMU'L-LAH.** (Scribe, Amir Ali Sandili.)

1873. Shifa'u't-tayr. Treatise on falconry. Persian MS. 4to. ff. 186.

This copy of the original, written in Mahkr in Birar between A.D. 1680 and 1692, gives a complete account of the training and other care of hunting falcons. The book is dedicated to the Emperor Aurangzeb and the present work is complete while several of the other known copies lack a number of pages. The original MS. was illustrated but this copy lacks the paintings, although spaces are left for them in the text.

+ ✓ **MUHAMMAD RIDA B. MUHAMMAD YUSUF.**

1817. Dasturu's sayd. Baz-nāma. 4to. ff. 56. A treatise on falconry and on birds in general. Persian MS.

Copy of an early MS. dedicated to Aurangzeb. Purchased in Amritsar.

MUHAMMAD TAQĪ, son of MUHAMMAD TABRĪZĪ.

1690. Khāwaṣṣu'l-haywan. (In Persian.)

A study of the medicinal properties of mammals, birds, reptiles, fishes, and insects in the form of a dictionary. It was composed in honor of the royal naturalist, Abbas II of Persia. Copies are found in the British Museum, India Office, Bodleian, etc. The present copy lacks a portion of the preface. Purchased for the Blacker Library in Persia, Nov. 1928. [W.I.]

1858. A lithographed copy of the foregoing, printed in (?) Teheran. It is profusely if not very artistically illustrated and supplemented by a work on poetry.

This edition is extremely rare and is not found in any European library. It was bought in Persia for the Blacker Library. [W.I.]

MÜHLE, HEINRICH VON DER.

1844. Beitrage zur Ornithologie Griechenlands. 8vo. pp. viii+152. index. Leipzig.

A classic and valuable contribution to modern Grecian ornithology. There is a full descriptive list of the avifauna, with a discussion of new forms. The work is quite rare.

1856. Monographie der europäischen Sylvien. Vol. I. 8vo. pp. 4+149. index. Vol. II. Vier Tafeln zur Monographie der europäischen Sylvien. atlas. 4to. 4 col. pl. Regensburg.

A monograph, systematically arranged, on European warblers. The present copy is bound in two volumes with the original covers, from the Godman Library.

MUIR, JOHN [1838-1915].

1901. Our national parks. 8vo. pp. (10)+370. 12 pl. (1 map). index. Boston.

A series of sketches first published in the *Atlantic Monthly*, dealing with the beauty and usefulness of wild mountain forests and their animals.

[1902]. Our national parks. 8vo. pp. (10)+382. 12 pl. (1 map). append. index. Boston.

Differing from the first edition of 1901 in having an appendix (pp. 368-76) giving the names, location, and area, etc. of the National Parks and Forests in the United States and Alaska.

1911. (The) mountains of California. 8vo. pp. xiv+389. 17 pl. 50 figs. (4 maps). index. New York.

Second edition, the first issued in 1894. Among the references to animal life is that of the Water-Ouzel (pp. 276-99) with five illustrations, depicting the general home life of that charming bird.

MUIRHEAD, GEORGE.

1889-95. The birds of Berwickshire. 2 vols. 8vo. Vol. I, pp. xxvi+334. 4 pl. 76 figs. map (col.). index. Vol. 2, pp. xii+390. 8 pl. 84 figs. 2 charts (1 col.). index. Edinburgh.

MULLENS, WILLIAM HERBERT [1866-].

1908. A List of Books relating to British Birds, published before the year 1815. From the Library of W. H. Mullens, M.A., exhibited at the Corporation Museum, Hastings, during June 1906. Pamphlet. 8vo. pp. 1-34. 7 pl.

This contribution to the bibliography of British bird literature is the author's edition of *Occasional Publications* No. 3 of the Hastings and St. Leonard's Natural History Society. It is reprinted with additions and corrections. ♦♦

**** and **SWANN, H. KIRKE.**

(?) 1915. A preliminary list of titles for Mullens and Swann's Bibliography of British Ornithology. 4to. pp. 1+10. Privately printed.

1919. A bibliography of British ornithology from the earliest times to the end of 1912, including bibliographical accounts of the principal writers and

now 15737 + ✓
already entered.

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Mudie, Robt. + Ince, Henry. — The Wonder of the World. 60 Steel Engr.
8Vo. 1/2 280. London. N.D.

++ Many of the rare items in the Mullens library have found a
resting place in the McGill zoological libraries.

→ Müller, 1906. Ostracoda d. Deutsch. Tiefsee-Expedition, 31 pls.

→ Müller, J. 1847. Typ. Verschiedenheiten d. Stimmorgane d. Passerines. 4 to.

rief

bibliographies of their published works. *Svo.*
pp. 20+691. London.

A most useful and very important work of reference, issued in six parts. The Compiler is greatly indebted to this admirable cyclopaedia for assistance in making this *Catalogue*. The copy in hand is a present to the E.S.W. Library from Mr. H. Kirke Swann. A supplement was published in 1923.

****, **SWANN, H. KIRKE**, and **JOURDAIN, F. C. R.**
1919-20. (A) geographical bibliography of British ornithology from the earliest times to the end of 1918, arranged under counties, being a record of printed books, published articles, notes and records relating to local avifauna. *Svo.* *pp. 8+558.* London.

This very valuable list of titles was issued in six sections, and deals with the local faunas of British ornithology.

**** and **SWANN, H. KIRKE.**
1923. A bibliography of British ornithology from the earliest times. Supplement. A chronological list of British birds, by H. Kirke Swann. *Svo.* *pp. 17+42.* London.

A supplement to the Mullens and Swann *Bibliography of British Ornithology* entirely compiled by the junior author.

1925. Notes on Sussex ornithology. See DENNIS, *Rev. R. N.*

→ **MÜLLER, ADOLF** [1821-] and **MÜLLER, KARL.**

1865. Charakterzeichnungen der vorzüglichsten deutschen Singvoegel. *Svo.* Leipzig.

Probably the first edition of a very popular work on German song-birds.

1866-9. Wohnungen, Leben . . . in der höheren Thierwelt. *Svo.* *pp. 14+556.* 8 pl. *figs. in text.*
Popular notes on the higher vertebrates, by the two Müllers.

1868. Charakterzeichnungen der vorzüglichsten deutschen Singvögel. *Svo.* *pp. vi+112.* 10 pl. 8 *figs. T. of c.* Leipzig.

Another edition of this popular work.

**** and **MÜLLER, KARL.**
1882-3. Thiere der Heimath; Deutschlands Säugethiere und Vögel, geschildert von Adolf und Karl Müller. 2 vols. 4to. *illust.* Kassel.
First edition. There were several additional printings of this popular work.

MÜLLER, AUGUST.
1882. Die Ornithologie der Insel Salanga, sowie Beiträge zur Ornithologie der Halbinsel Malakka. *Svo.* *pp. [6]+96.* 1 tab. Erlangen. Friedrich Alexanders Universität thesis. Naumburg.

A systematic, descriptive list of 155 avian species frequenting the island of Salang (Burma) and its neighborhood. The present copy is from the library of Prof. W. Blasius to whom it was presented by the author.

MÜLLER, HERMANN.
1881. Am Neste. Beobachtungen und Mitteilungen über das Leben und die Fortpflanzung einheimischer körnerfressender Vögel. 12mo. *pp. 12+178.* T. of c. Berlin.

One of the many pamphlets on German cage-birds.

MÜLLER, JOHANNES [1801-58].
1826. Zur vergleichenden Physiologie des Gesichtssinnes des Menschen und der Thiere. *Svo.* *pp. 32+462.* pl. and tab. Leipzig.

1839. Ueber die Compensation . . . am menschlichen Stimmorgan. Mit Bemerkungen ueber die Stimme der Säugethiere, Vögel und Amphibien. *Svo. illust.* [O.] Berlin.

****, **BELL, F. J.**, and **GARROD, A. H.**
1878. On certain variations in the vocal organs of the Passeres that have hitherto escaped notice. 4to. *pp. (8)+74.* 8 pl. (97 *figs.*). addend. Oxford.
Translated from the German with notes and an appendix by Garrod.

MÜLLER, JOHANN FRIEDRICH THEODOR [1822-97].
1869. Facts and arguments for Darwin. *Svo.* *pp. 4+144.* *illust.* London.
Translated from the German by W. S. Dallas.

MÜLLER, JOHANN WILHELM VON [1824-66].
1853. Description de nouveaux oiseaux d'Afrique, découverts et dessinés d'après nature, pour servir de suite aux Planches enluminées de Buffon aux Planches coloriées de Temminck et Laugier de Chartrouse et au nouveau recueil général de Planches peintes d'oiseaux de O. des Murs. *folio.* no p. 16 pl. (col.). Liv. 1-5 (all pub.). Stuttgart.

An unfinished series, with the accompanying text, forming the French edition of the author's *Beitr. zur Orn. Afrikas*, and a worthy successor of the colored portraits above enumerated. It is quite rare. The present copy, bound by Riviere, is from the Gurney Library.

[1864-5]. Systematisches Verzeichniss der Wirbelthiere Mexicos. (*Reisen in den Vereinigten Staaten, Canada und Mexico*, pt. 3, 1864-5.) *Svo.* *pp. 109.* Leipzig.

A separately bound excerpt.

1864-5. Reisen in den Vereinigten Staaten, Canada und Mexico. 3 vols. *Svo.* Leipzig.

A valuable account by a naturalist of note, who gives a good account of animal life as he saw it in his travels.

MÜLLER, KARL. 1865-8 and 1882-3. See **MÜLLER, ADOLF.**

MÜLLER, LORENZ.
1912. Zoologische Ergebnisse einer Reise in das Mündungsgebiet des Amazonas. (*Abhandlungen der K. Bayerischen Akademie der Wissenschaften*, xxvi, Band 1.) *Svo.* *pp. 41+142.* 3 pl. München.

MÜLLER, OTTO FREDERIK [1730-84].
1788-1806. Zoologia Danica, seu Animalium Daniae et Norvegiae, etc. 4 vols. *folio.* 160 col. pl. 3 vols. *text.* Vol. 4, *plates.* Havniae.

The third and much enlarged edition of a classic history, first issued in 1779-84 in two volumes. The third volume was added by P. C. Abildgaard, and the fourth by P. C. Abildgaard, M. Vahl, J. S. Holten, and J. Rathke.

MÜLLER, PHILIPP LUDWIG STATIUS [1725-76].
1754. See VALENTIJN, FRANÇOIS.
1773-6. Des Ritters C. von Linné . . . Natursystem. See LINNAEUS, 1773-6.

MÜLLER, RICHARD.
1889. Die Kennzeichen unserer Vögel. *Svo.* *pp. 227.* T. of c. Krotoschin.

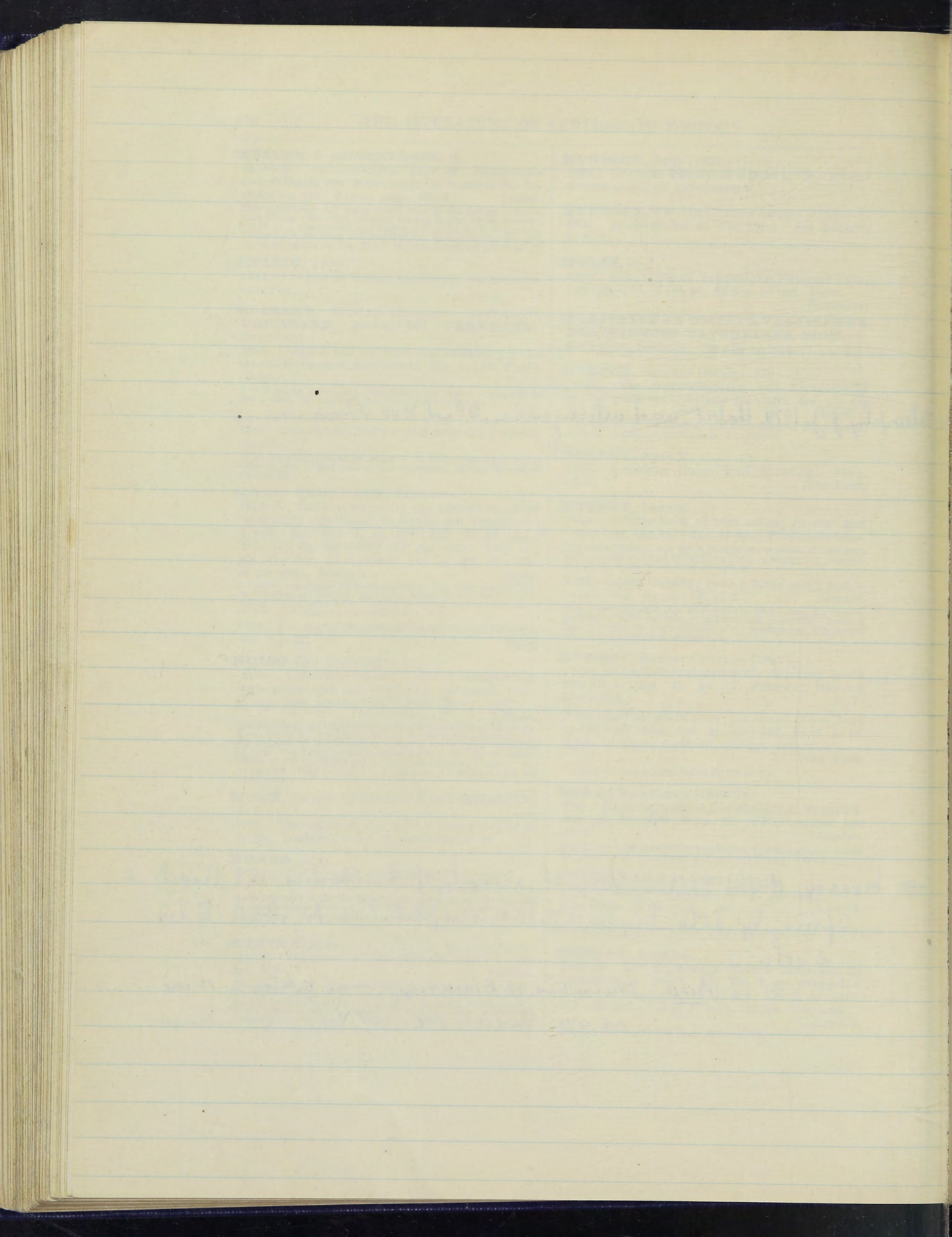
A serious description of the birds of Germany, both domestic and visitant, with an account of their distribution, nidification, habits, etc. The present copy is interleaved and partially filled with notes. The Compiler is unable to find the title listed in any of the usual catalogues; it must be very rare.

- MÜLLER, S. and SCHLEGEL, H.**
1839-45. *Verhandlingen over de Natuurlijke Geschiedenis der Nederlandsche overzeesche bezittingen, etc.* 3 vols. folio. *illustr.* Leiden.
This noteworthy and classic contribution to the zoology of Dutch East Indian (and other colonial) zoology is part of an elaborate report of a government commission, edited by C. J. Temminck. The authors described and depicted the Mammalia, pp. 57+228. 49 col. pl.; Aves, pp. 71. 12 col. pl.; and Pisces, pp. 25. 6 col. pl.
- MULLIN, JOHN.**
1922. *The British Guiana handbook.* See FRANCIS, WILLIAM.
- MULSANT, MARTIAL ETIENNE [1797-1880], VERREAUX, JULES, and VERREAUX, ÉDOUARD.**
1865. *Essai d'une classification méthodique des trochilidés ou oiseaux-mouches.* 8vo. pp. 98. *T. of c. bibliogr.* Paris.
A well-known catalogue of humming-birds with a description of new species, also published in a periodical of later date.
- **** and others.
1868. *Description d'une espèce nouvelle d'oiseau-mouche.*
Three (separate) articles presented to the Société Linnéenne during 1868 by the author and several colleagues on new species of Trochilidae.
- **** and VERREAUX, ÉDOUARD.
1874-7. *Histoire naturelle des oiseaux-mouches ou colibris constituant la famille des Trochilidés.* 4 vols. 4to. Vol. I, pp. (6)+343. 18 pl. (col.). Vol. II, pp. (6)+327. 14 pl. (col.). Vol. III, pp. (6)+303. 16 pl. (col.). Vol. IV, pp. (6)+308. 16 pl. (col.). *bibliogr.* Lyon.
A famous monograph on humming-birds. The work was issued in 16 livraisons, the first four appearing during 1873-4, the next four during 1875-6, with a like number in 1876-7, and the balance in 1877-8. A Supplement was published in 1879.
1875. *Catalogue des oiseaux-mouches ou colibris.* 8vo. pp. 32. Lyon.
- MULSO, Rev. JOHN [1721-91].**
[1906]. *Letters to Gilbert White of Selborne; ed. with notes and an introd. by Rashleigh Holt-White.* 8vo. pp. xvi+362. *front. (fac.). index.* London.
The first mention of the correspondence between Gilbert White and Mulso occurs in 'a short biography' of the naturalist written by Ed. Jesse for Sir Wm. Jardine's edition of the 'Selborne' published in 1850. The present work contains no less than 229 of Mulso's letters to Gilbert White printed in their entirety, 1744-90. Unfortunately White's letters to Mulso were all destroyed by the latter's son.
- MUNN, PHILIP WINCHESTER and KELSALL, J. E.**
1905. *The birds of Hampshire and the Isle of Wight.* See KELSALL, J. E. and MUNN, P. W.
- MUNRO, J. A.**
[1923]. *The pileated woodpecker.* 8vo. pp. 4. Ottawa, Canada.
A brief account of the usefulness of this handsome woodpecker, and its disappearance from many districts owing to the hunter's desire for a trophy. Author's reprint from *The Canadian Field-Naturalist*, 1923.
- MUNTHE, AXEL.**
[1929]. *The Story of San Michele.* 2nd ed. 8vo. pp. 530. London.
The autobiography of a doctor who is a great lover of animals. The author's profits on the sale of this book are given to the Naples Society for the Protection of Animals. The author, who is a valued friend of the Compiler, informs him that he is also interested in the protection of birds in his native Sweden, and has recently purchased a sanctuary for them there.
- MURDOCH, JOHN [1852-].**
1885. [Natural history of Alaska]. See INTERNATIONAL POLAR EXPEDITION.
- MURDOCH, WILLIAM GORDON BROWN [1862-].**
1923. *A naturalist at the poles.* See BROWN, R. N. R.
- MURIE, O. J.**
1930. *Animal life of Yellowstone National Park.* 8vo. pp. 241. 2 col. pl. 68 figs. in text. *index.* Baltimore.
- MURITHIENNE SOCIÉTÉ VALAISANNE DES SCIENCES NATURELLES, SION.**
1868-date. *Bulletin.* See also LA MURITHIENNE.
- MURPHY, CHARLES OSCAR [1870-].**
[1900]. *Die morphologische und histologische entwicklung des kleinhirns der vögel.* 8vo. pp. 42. Berlin.
A monograph on the histology and development of the cerebellum in birds. A complete bibliography is appended.
- MURPHY, JOHN M.**
1882. *American Game Bird Shooting.* 12mo. *illustr.* New York.
- MURPHY, LOUISE.**
1912. *A little book of bird songs; rhymes and tunes.* 4to. pp. vii+39. 35 figs. *T. of c.* London.
The songs, rhymes, and tunes forming the contents of this little book are woven around 16 Canadian birds. The copy is a presentation to Dr. Casey Wood from the author.
1923. *Sweet Canada; twelve birds songs and a round.* 8vo. pp. 31. *T. of c.* Toronto.
This book the author says invites you to travel along the friendly by-ways of forest and field, of mountain and plain, where nature is forever wearing the romantic story of our common day. The present copy is an autographed presentation.
- MURPHY, ROBERT CUSHMAN [1887-].**
1924. *Birds Collected during the Whitney South Sea Expedition. II.* pp. 13. American Museum Novitates. N. Y.
1925. *Bird islands of Peru; the record of a sojourn on the west coast.* 8vo. pp. xx+362. *front. 31 pl. 8 figs. (2 diagr., 6 maps). bibliogr. index.* New York.
The present copy is autographed by the author.
- MURRAY, ANDREW [1812-78].**
1866. *The Geographical Distribution of Mammals.* 4to. pp. 16+420. 2 col. pl. 101 col. maps. *text illustr.* London.
One of the most important contributions to zoogeography extant, by the editor of the *Journal of Travel and Natural History*.
- MURRAY, GLADYS ESMÉ GRAHAM.**
1915. *A birdlover's year.* 12mo. pp. viii+150+ (1). *front. 12 pl.* London.
- MURRAY, JAMES.** See SHACKELTON, E. H., 1909.
- MURRAY, JAMES A.**
1880-90. *The avifauna of British India and its dependencies.* 2 vols. 4to. Vol. 1, pp. xxiv+325. 22 pl. (12 col., 2 diagr.). 38 figs. Vol. 2, pp. vii+838+42 (tab.). 15 pl. (7 col.). 56 figs. 2 indexes. London.
This important work was issued in seven parts.

Murphy, J. J. 1879. Habit and intelligence. 2^d ed. 8vo. illus.

→ Murray, Hugh. 1817. Historical account of discoveries and travels in Africa by John Leyden. vol. 9 completed with illus. Edin. 2 vols.

1840. Narrative of Discovery -- in Africa. 12mo.
pp. 472. Index. Ill. 3rd Ed. Edinburgh



1884. The vertebrate zoology of Sind with descriptions of all the known species of mammals, birds, and reptiles inhabiting the province. *Svo.* pp. xvi + 424. 12 pl. (1 col.). 48 figs. *index.* London.

1889. The edible and game birds of British India with its dependencies and Ceylon. *4to.* pp. 8 + 237. 6 pl. (4 col.). 1 *diagr.* 42 figs. *addend.* 2 *indexes.* London.

A detailed description of 245 species.

1890. The avifauna of the island of Ceylon. *4to.* pp. xxxiv + 382. 2 pl. (col., 1 of eggs). 2 *diagr.* 37 figs. 2 *indexes.* London.

Composed mostly of extracts from the author's *Avifauna of British India.*

1890. 1,460 labels for birds and eggs arranged according to [his] 'Avifauna of British India' . . . and the numbers in Jerdon's 'Birds of India'. *4to.* pp. 4 + 146. *Bombay.*

MURRAY, JOHN [1841-] and **THOMSON, C. W.**

1881-2. Report on the scientific results of the voyage of H.M.S. Challenger. See **THOMSON, C. W.** and **MURRAY, J.**

(THE) MURRELET; official bulletin of the Pacific northwest bird and mammal club.

1920-30. *4to.* Mimeographed. *Seattle, Wash.*

This interesting scientific periodical certainly deserves, as says the *Condor*, vol. 23, p. 100, a more permanent form than that afforded by the mimeograph, and it is hoped will shortly assume it. Among its contributors are J. Hooper Bowles, J. A. Munro, F. S. Hall, Trevor Kincaid, Clinton Cooke, J. D. Burleigh, D. E. Brown, A. M. Winslow, E. P. Walker, and other well-known ornithologists.

MUSCHAMP, EDWARD A.

1930. Audacious Audubon. The Story of a great Pioneer, Artist, Naturalist and Man. *Svo.* pp. 312. 5 *illust.* *New York.*

One of the lives of an illustrious student of natural history.

MUSEAL-VEREIN FÜR KRÄIN. *Laibach.*
1866. Mittheilungen.

(LA) MUSÉE AQUITAINE. (Periodical.)
1823-4. (All pub.) See **BORDEAUX.**

MUSÉE DU CONGO BELGE, BRUSSELS.

1898-date. *Annales* (Zoologique). See also **ANNALES DU MUSÉE DU CONGO.**

MUSÉE D'HISTOIRE NATURELLE DE CAEN. *Caen, Paris.*

1881. *Annuaire.*

MUSÉE D'HISTOIRE NATURELLE, MARSEILLES.

1882-date. *Annales.*

1898-9. *Annales: Bulletin.*

MUSÉE ROYALE D'HISTOIRE NATURELLE DE BELGIQUE. *Brussels.*

1877-87. *Annales* (all pub.).

1882-8. *Bulletin.*

1900-date. *Mémoires.*

MUSÉE TEYLER. See **HAARLEM.**

MUSÉE ZOOLOGIQUE DE L'ACADÉMIE DES SCIENCES, LENINGRAD.

1896-date. *Annuaire.*

MUSEI DI ZOOLOGIA ED ANATOMIA COMPARATA . . . DI TORINO. See **TURIN.**

MUSEO CIVICO DI STORIA NATURALE, GENOVA.

1870-date. *Annali.*

MUSEO CIVICO DI STORIA NATURALE, MILAN. See **SOCIETÀ ITALIANA DI SCIENZE NATURALI, etc., MILAN.**

MUSEO CIVICO DI STORIA NATURALE, TRIESTE.

— (1884-Vol. 7). *Atti.*

— *Cenni Storici.*

(R.) MUSEO DI FISICA E STORIA NATURALE, FLORENCE.

1808-9. *Annali.*

1865. *Annali.* New series.

MUSEO GOELDI (MUSEO PARAENSE) DE HISTORIA NATURAL, PARÁ, BRAZIL.

1894-1912. *Boletim.*

1900-5. *Memorias.*

1894-1904. *Relação.*

MUSEO DE HISTORIA NATURAL, VALPARAISO. See **REVISTA CHILENA DE HISTORIA NATURAL.**

MUSEO NACIONAL DE HISTORIA NATURAL, BUENOS AIRES.

1864-date. *Anales.*

1898-1901. *Comunicaciones.*

1894-9. *Memoria.*

1924-date. *Memoria Anual.*

MUSEO NACIONAL DE MONTEVIDEO.

1894-date. *Anales.*

MUSEO DE LA PLATA.

1893-5. *Anales*; sección zoológica.

1890-date. *Revista.*

MUSEO ZOOLOGICO DELLA R. UNIVERSITÀ DI NAPOLI. See **NAPLES, MUSEO ZOOLOGICO.**

MUSEUM OF COMPARATIVE OÖLOGY.

Journal. Annual. Edited by Wm. Leon Dawson, Santa Barbara, Cal.

1919-22. (All pub.) Illustrated by (colored) plates and cuts in the text.

The Museum is a 'chartered public institution devoted to the study of the Birds of the World, their nests and eggs'. Apart from the chief contributor, William Leon Dawson, papers are furnished by J. Hooper Bowles, A. C. Bent, and others. See also **COMPARATIVE OÖLOGIST.**

MUSEUM OF COMPARATIVE ZOOLOGY.

See **HARVARD UNIVERSITY.**

- MUSEUM GODEFFROY.**
1874. Catalog V nebst einer Beilage enthaltend
→ Topographische und zoologische Notizen. 8vo.
pp. xxxvi + 215. Hamburg.
One of eight (or more) lists of duplicates for sale in the museum, and
containing valuable notes on general zoology.
- MUSÉUM D'HISTOIRE NATURELLE DE
GENÈVE.** See REVUE SUISSE DE ZOOLOGIE.
- MUSÉUM D'HISTOIRE NATURELLE DE
LYON.** See MUSÉUM DES SCIENCES NATURELLES
DE LYON.
- MUSÉUM D'HISTOIRE NATURELLE,
PARIS.**
1802-13. Annales.
1839-61. Archives.
1895-date. Bulletin.
1815-32. *Mémoires.
1909-date. Notulae systematicae.
1832-5. Nouvelles annales.
1865-74. Nouvelles Archives. Series 1.
1875-88. Nouvelles Archives. Series 2.
1889-98. Nouvelles Archives. Series 3.
1899-1908. Nouvelles Archives. Series 4.
1908-date. Nouvelles Archives. Series 5.
- MUSEUM HOMEYERIANUM.**
1893. Verzeichniss der ornithologischen Samm-
lungen. See BLASIUS, W.
- MUSEUM OF NATURAL HISTORY,
SPRINGFIELD, MASS.** See SPRINGFIELD
MUSEUM OF NATURAL HISTORY.
- (R.) MUSEUM VAN NATUURLIJKE HIS-
TORIE.** See LEYDEN.
- MUSEUM NOVITATES.**
1921-30. Nos. 1-302 (February 29th, 1928). See
AMERICAN MUSEUM OF NATURAL HISTORY.
- MUSEUM PAPERS.** Alabama Museum of
Natural History. See ALABAMA MUSEUM.
- MUSEUMS ASSOCIATION.** 1890-1900. See
also MUSEUMS JOURNAL. Sheffield.
- MUSÉUM DES SCIENCES NATURELLES
DE LYON.** Lyons.
1872-date. Archives.
1913-date. Bulletin.
1888-1912. Travaux.
- MUSEUM SENCKENBERGIANUM.** See
SENCKENBERGISCHE NATURFOR. GESELL.
- MUSEUMS JOURNAL.** London.
1901-date. Continues Report of Proceedings of
Museums Association.
- MUSEUM STAVANGER.** See STAVANGER
MUSEUM, NORWAY.
- MUSEUM TROMSØ.** See TROMSØ MUSEUM,
NORWAY.
- MUSEUM OF ZOOLOGY, DUNDEE.** See
DUNDEE UNIVERSITY COLLEGE.
- MUSEU NACIONAL DE RIO DE JANEIRO.**
1876-date. Archivos.
1923-date. Boletim.
— Publicação.
1919-date. Relatorio.
- MUSEU PAULISTA.** São Paulo.
1895-1900. Revista.
1907. Catalogos da Fauna Brasileira. Vol. I. As
aves do Brazil. São Paulo.
An annotated list of the birds of Brazil (by the Iherings) with notes
on distribution and on the specimens of each species preserved in the
Museu Paulista. The work forms Vol. I of a series of which several
other volumes have since been issued.
- MÜTZEL, T.** 1898. See MARSHALL, W. A. L.
- MUYBRIDGE, EADWEARD** [1830-1904], origin-
ally EDWARD JAMES MUGGERIDGE.
1893. Descriptive zoopraxography; or, The
science of animal locomotion made popular. 8vo.
pp. xi + 44 + 34 + 14. front. (portr.). 51 figs.
Chicago.
- MYERS, H. M. and MYERS, P. V. N.**
1871. Life and Nature under the Tropics, etc.
8vo. pp. 360. illust. New York.
- MYERS, HARRIET WILLIAMS.**
1922. Western birds. 8vo. pp. xii + 391. front.
44 pl. index. New York.
A popular account of the song birds of the western coast of the
United States. The work is clearly written and contains a mass of
interesting notes. The present copy is an autographed one from the
author to Dr. Casey Wood, with letter inserted.
1929. California State Bird Candidates. 12mo.
pp. 37. index.
Pamphlet issued by California State Audubon Society.
- MYERS, I. H.**
1928. How animals find their way about. See
RABAUD, ÉTIENNE.
- MYERS, SARAH A.** See MARTIN'S NATURAL HIS-
TORY, 1861.
- MYSTRÖM, C. L.**
1863. Faunan i Jemtlands Vattendrag. Stockholm.
- NACHRICHTENBLATT FÜR FISCH-
ZUCHT UND FISCHEREI; Zentralorgan für
die gesamten Interessen der Fischzucht, Fischerei,
Fischverwertung und des Fischhandels.**
1928-30. 8vo. illust. Tetschen/a/Elbe.
- NACHRICHTSBLATT FÜR GEOLOGEN,
PALÄONTOLOGEN UND MINERALO-
GEN.** Leipzig. 1924-date.
- NAEF, A.**
1922. Die fossilen Tintenfische. illust. Jena.
- NANCY,** See SOCIÉTÉ DES SCIENCES DE NANCY.
- NANCY UNIVERSITÉ.**
1911?-18? Travail . . . et de la Station Zoologique
de Cette.

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→ Nasonow, N.W. 1894-96. Zur Entwicklungsgesch. d. Afrikan.
Strausses (*Struthio camelus* L.). 3 Tle. 47. 9 Taf. 4°.

NANSEN, FRIDTJOF [1861-] and **COLLETT, ROBERT.**

1900-6. (The) Norwegian North polar expedition 1893-1896. Scientific results. 6 vols. 4to. Vol. 1, pt. IV, pp. 53. 2 pl. (1 col.). *index.* London.

Only a small portion of this well-known expedition interests vertebrate-zoologists. The birds are described by R. Collett and F. Nansen; Jurassic fauna by J. F. Pompeckj.

NAPIER, CHARLES OTTLEY GROOM.

1865. The food, use, and beauty of British birds; an essay, accompanied by a catalogue, of all the British birds. 8vo. pp. 83. *index.* London.

NAPLES. Annali d. Accademia degli aspiranti naturalisti. 1843-87.

NAPLES. Museo Zoologico.

1861-6. Annuario.

1901-date. Annuario. New series.

NAPLES. Società dei Naturalisti.

1887-1925. *Bullettino.* Prima Ser. (20 vols.) e Nuova Ser. 1887-1925. Vol. 1-17.

NAPLES. Stazione Zoologica.

1880-1930. Fauna und flora des Golfes von Neapel.

1879-1915. *Mitteilungen.*

1916-30. *Pubblicazioni.*

1919-30. *Pubblicazioni.* Recherche di fisiologia e di chimica biologica.

1879-1913. *Zoologischer Jahresbericht.* Leipzig.

NARES, GEORGE STRONG [1831-1906].

1878. Narrative of a Voyage to the Polar Sea during 1875-6 in H.M.S. 'Alert' and 'Discovery'. 2 vols. 8vo. *illust.* (Wanting.) London.

This is the second edition of this Voyage, the first appearing also in 1878. The appendix (Vol. II) contains the Natural History, the mammalia and aves being described by H. W. Feilden, the pisces by A. Günther.

NASH, CHARLES WILLIAM [1848-].

1898. The birds of Ontario in relation to agriculture. Pub. by the Ontario dept. of agriculture. 8vo. pp. 32. 32 pl. Toronto.

1901. The birds of Ontario in relation to agriculture. 8vo. pp. 79. 32 figs. Toronto.

This (second) edition differs from the 1898 print in that the text has been reset and altered in places, and the illustrations instead of being on separate plates at the end of the volume are figured with the text.

1904. The birds of Ontario in relation to agriculture. 8vo. pp. 79. 32 figs. Toronto.

The third edition, identical with the second.

1905. Check list of the vertebrates of Ontario and catalogue of specimens in the biological section of the Provincial museum. Birds. 4to. pp. 82. *illust.* (Issued by the Department of Education.) Toronto.

A useful local list with notes on some genera and species. Starred items are missing from the collection, the nomenclature of the Check List of the A.O.U. being utilized for classifying the specimens. Illustrative cuts appear in the text.

1908. Vertebrates of Ontario. (Department of Education, Toronto.) 8vo. 32 pl. 27 figs. *append. glossary. index.* Toronto.

This Manual was issued in four separate sections, each separately paged, and divided into 'Fishes of Ontario', pp. 1-122; 'The Batrachians and Reptiles of Ontario', pp. 5-18; 'Check List of the Birds of Ontario', pp. 7-82; 'Mammals of Ontario', pp. 83-96; with Glossary and Index to sections. The copy is autographed by the author.

1913. Birds of Ontario in relation to Agriculture. 8vo. 32 pl. Toronto.

Another, unaltered edition.

1919. Birds of Ontario in relation to agriculture. (Bulletin 218, Ontario Dept. of Agriculture.) 8vo. pp. 144. 55 figs. *index.* Toronto.

A much revised and enlarged edition. In addition to the extra text and illustrations, a list of the latter has been added, together with an index.

NASH, JOSEPH [1809-78].

1824. A practical treatise on British song birds. 12mo. pp. 8+102. 8 col. pl. T. of c. London.

A dealer's and bird fancier's book on the canary and some native British song-birds. Several other editions were published.

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1906-30. Annals of the Natal Museum, Pietermaritzburg.

1904-5. Report, 1 and 2.

1901-7. Geological Survey of Natal and Zululand. Final Report. . . . By W. Anderson. 3 vols. 4to. col. *illust.* Pietermaritzburg and London.

A very valuable series of reports (three in all) concerning chiefly floral and faunal fossil remains. Reptilian forms are described by R. Broom; fish by A. Smith Woodward, and mammals (from Zululand) by W. B. Scott.

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1863-6. Annual.

1877-1919. Biographical Memoirs.

1866-1930. Memoirs.

1863-1930. Proceedings.

1915-30. Proceedings.

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NATIONAL ANTARCTIC EXPEDITION, 1901-4.

1907. Natural history. Vol. II. Zoology. See BRITISH MUSEUM (NAT. HIST.).

1908. Album of photographs and sketches with a portfolio of panoramic views. 4to. pp. xvi+303. front. 140 pl. (11 fold., 7 col.). *index.* In portfolio. 24 pl. (fold.)+2 maps (col. fold.). London.

Records of geographical and topographical facts, including a biological series of mammals and birds, there being 28 plates devoted to picturing the home-life of the latter—mostly penguins.

NATIONAL ASSOCIATION OF AUDUBON SOCIETIES. New York.

1905-date. Annual Report.

1915-date. Bulletin.

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Government

[NATIONAL ASSOCIATION OF AUDUBON SOCIETIES (contd.)]

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1927-30. Audubon bird cards.

1926-30. Federal power and duck bag limits: facts from a study. Bulletin 1-16. *New York.*

This study, by a friend of the Association, is published to aid the general public in acquiring a more accurate knowledge of the state and federal laws and federal policies surrounding the well-being of the wild fowl of the United States. To 1930, 16 of these interesting numbers have been published.

NATIONAL CONFERENCE ON OUTDOOR RECREATION, WASHINGTON.

1925. The case of our migratory wild fowl, as threatened by latest tactics of the minority Opposition to the Game Refuge Bill. *4to. pp. 8. 7 figs. Washington.*

Special reprint from *American Forests and Forest Life*, July 1925.

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1906. Conspectus and Index. *N. Y.*

A very useful source of information regarding the lives and writings of American zoologists.

NATIONAL GEOGRAPHIC MAGAZINE. NATURAE NOVITATES.

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1918. The book of birds. Common birds of town and country. Text by Henshaw, Kennard, Cooke, and George Shiras 3rd; color plates by Louis Fuertes. *8vo. 331 figs. in col. 84 plain.* Seven reprints. *Washington.*

NATUR. (*Deutsche Naturwissen. Gesell.*)
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An extremely useful priced catalogue.

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1853-60. *23 vols. 8vo.*

Contains several volumes devoted to Zoology.

1906-30. *Journal of the American Museum of Natural History. 8vo. illust. New York.*

One of the most important publications of this flourishing institution.

NATURAL HISTORY AND ANTIQUARIAN SOCIETY, PENZANCE, ENGLAND.

1845-65. Report. Continued as Report and Transactions.

1880/1-1893/8. Report and Transactions.

(THE) **NATURAL HISTORY OF BIRDS**, comp. from the best authorities, and illustrated by a great variety of copper plates, &c. 1793. *See ANONYMOUS.*

(THE) **NATURAL HISTORY OF BIRDS**, from the works of the best authors, ancient and modern, &c. 1815. *See ANONYMOUS.*

NATURAL HISTORY OF BIRDS; their architecture, &c. 1840. *See ANONYMOUS.*

NATURAL HISTORY BULLETIN. *See SCRANTON, PA., EVERHART MUSEUM OF NATURAL HISTORY, SCIENCE AND ART.*

NATURAL HISTORY CLUB OF PHILADELPHIA.

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NATURAL HISTORY COLLECTORS' MONTHLY. 1893. *Newburgh, N. Y.*

NATURAL HISTORY JOURNAL.

1877-98. Vols. 1-22 (all pub.). *York, England.*

NATURAL HISTORY MAGAZINE.

1927-31. 3 vols. Pub. by the Br. Mus. (Nat. Hist.).

NATURAL HISTORY NOTES; ed. by F. J. Rowbotham.

1880. First series (mimeographed). Nos. 1-12 and supplement. *4to.*

1881-3. Second series. *8vo. illust. No more published. London.*

(THE) **NATURAL HISTORY OF REMARKABLE BIRDS**, with their habits and instincts. 1821. *24to. pp. viii + 172. front. 16 figs. Dublin.*

A curious little work by an anonymous writer, who selected 23 common birds for discussion.

NATURAL HISTORY REVIEW. (*Dublin Quarterly Journal of Science.*)

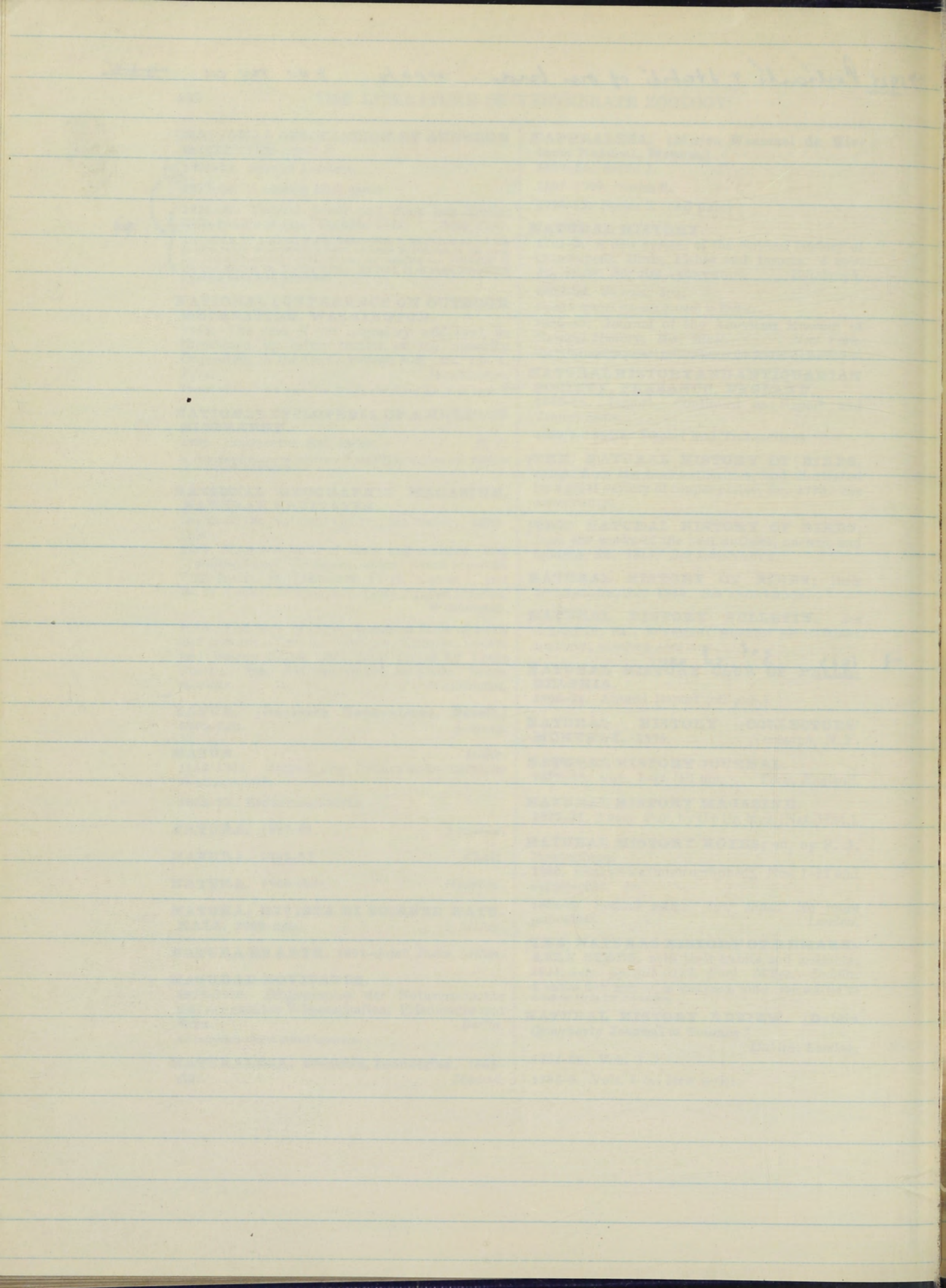
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This journal was devoted almost exclusively to bird life.
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- NATURALISTE CANADIEN.** 1868-*date*. *Quebec.*
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- NATURALISTS' CHRONICLE.** 1878-92. (? All pub.) Cambridge.
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World directory of naturalists, ed. by S. E. Cassino.
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- NATURALISTS' MISCELLANY.** 1789-1813. (All pub.) London.
- NATURALISTS' MONTHLY.** 1883-8. London.
- NATURALISTS' NOTE BOOK.** London. 1867-9. Series 1. 1870. Series 2.
- NATURALISTS' POCKET MAGAZINE.** 1798-1802? London.
- NATURALISTS' QUARTERLY.** Salem, Mass. 1880. 2 nos. (all pub.)
- NATURALISTS' RECORD.** 1889-90. London, Falmouth.
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- NATURALIST TROUT FISHER.** 1882-3. Ripon, England.
- NATURAL SCIENCE.** 1892-9. London.
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- NATURE.** 1869-1930. A weekly illustrated journal of science. London.
- NATURE.** 1889-90. (All pub.) New York.
- NATURE, La.** 1873-1930. Paris.
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- (THE) NATURE BOOK;** a popular description by pen and camera of the delights and beauties of the open air. 1908-9. 3 vols. 4to. paged continuously. pp. 1128. Vol. I, front. 12 pl. (col.). 538 figs. (84 birds). Vol. II, front. (col.). 11 pl. (col.). 562 figs. (28 birds). Vol. III, front. (col.). 11 pl. (col.). 487 figs. (74 birds). index. London.
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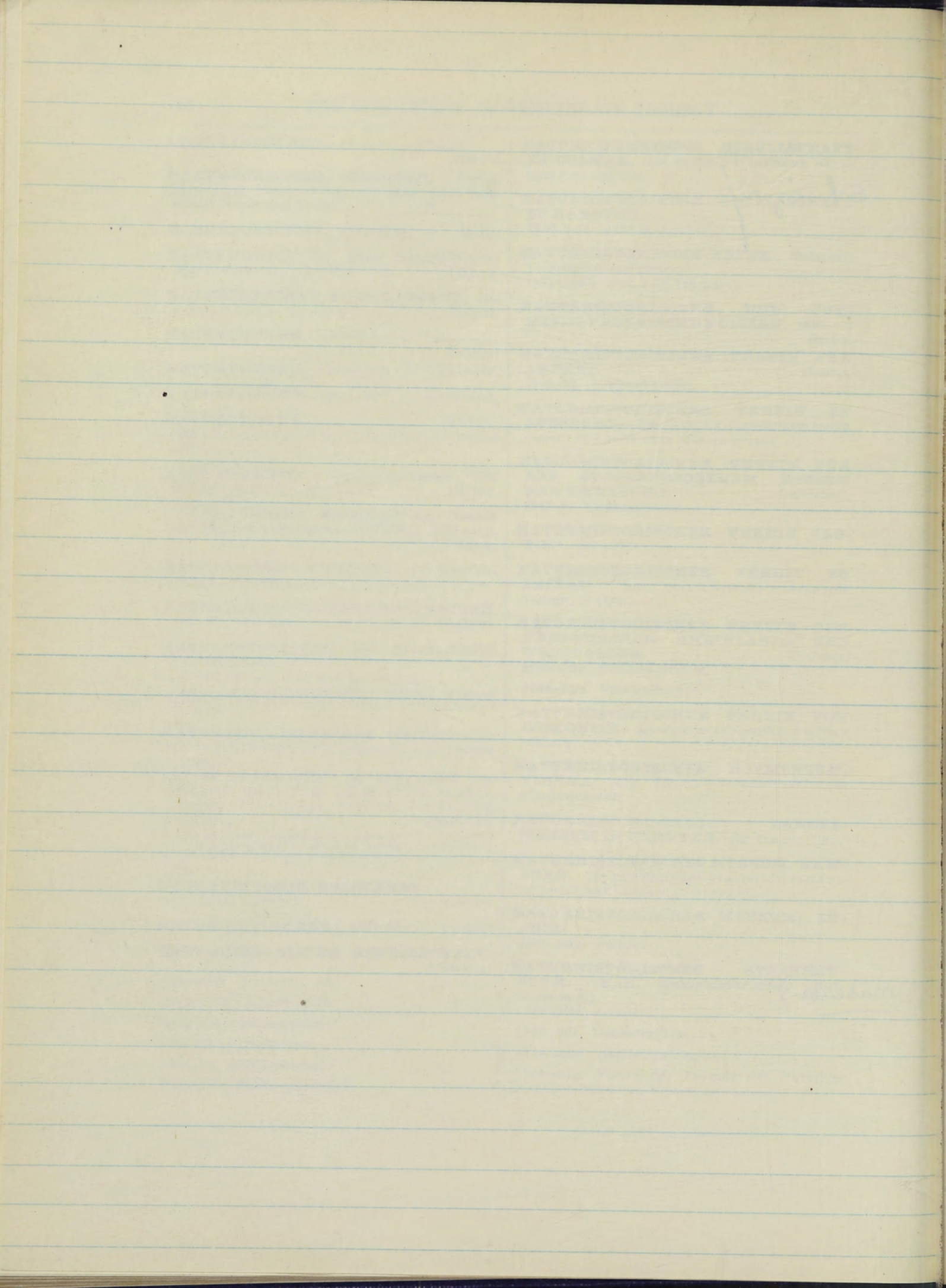
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- NATURFORSCHENDE GESELLSCHAFT IN FREIBURG.** See SOCIÉTÉ FRIBOURGEOISE DES SCIENCES NATURELLES. *Schweiz.*
- NATURFORSCHENDE GESELLSCHAFT ZU FREIBURG.**
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1853-1906. Abhandlungen.
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1880-92. Bericht über die Sitzungen.
1911-20. Mitteilungen.
1809-17. Neue Schriften.
- NATURFORSCHENDE GESELLSCHAFT ZU LEIPZIG.**
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1874-1922. Sitzungsberichte.
- NATURFORSCHENDE GESELLSCHAFT IN LUZERN.**
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- NATURFORSCHENDE GESELLSCHAFT DES OSTERLANDES ZU ALTENBURG.**
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- NATURFORSCHENDE GESELLSCHAFT ZU ROSTOCK.**
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[? 1750]. 2 vols. 8vo. no l.-p. pl. n.p.
A unique collection of eighteenth-century oil-paintings of animals (including birds) by an unknown artist, with manuscript description of each picture.
- NATURGESCHICHTE DER VÖGEL** aus den besten Schriftstellern mit Merianischen und neuen Kupfern.
1774-84. 4 vols. folio. pp. 1152 (paged continuously). Vol. I, 26 pl. 2 indexes. Vol. II, 28 pl. 2 indexes. Vol. III, 5 pl. 2 indexes. Vol. IV, 5 pl. 2 indexes. Heilbronn.
A rare and useful compilation as a source-book for information about birds prevailing at the end of the eighteenth century and for popular beliefs about them. Plate No. 36 is missing in the present copy.
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- NATURHISTORISCHE GESELLSCHAFT.** Nürnberg.
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- NATURHISTORISCHE GESELLSCHAFT IN COLMAR.** See SOCIÉTÉ D'HISTOIRE NATURELLE DE COLMAR.
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- NATURHISTORISCHER VEREIN FÜR ANHALT.** Dessau.
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- NATURHISTORISCHER VEREIN IN AUGSBURG.** See NATURWISSENSCHAFTLICHER VEREIN FÜR SCHWABEN UND NEUBURG.
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- NATURHISTORISCHER VEREIN DER PREUSSISCHEN RHEINLANDS UND WESTFALENS.** Bonn.
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- NATURHISTORISCHES LANDESMUSEUM IN KÄRNTEN.** See KLAGENFURT.
- NATURHISTORISCHES MUSEUM, HAMBURG.** See ZOOLOGISCHES STAATSMUSEUM UND ZOOLOGISCHES MUSEUM ZU HAMBURG.
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Schweizer/

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*Copenhagen.***NATURWISSENSCHAFTEN, DIE.** 1913-date. See also NATURWISSENSCHAFTLICHE RUND-
SCHAU; HUMBOLDT, and KOSMOS. *Berlin.***NATURWISSENSCHAFTLER.** See NATUR-
WISSENSCHAFTLICHE WOCHENSCHRIFT.**NATURWISSENSCHAFTLICHE ABHANDLUNGEN.** 1826-8. (All pub.) *Tübingen.***NATURWISSENSCHAFTLICHE ABHANDLUNGEN AUS DORPAT.** 1823.
*Dorpat.***NATURWISSENSCHAFTLICHE ABHANDLUNGEN.** 1847-51. *Vienna.***NATURWISSENSCHAFTLICHE GESELLSCHAFT, BAYREUTH.**
1911-14. Bericht.**NATURWISSENSCHAFTLICHE GESELLSCHAFT 'ISIS' ZU DRESDEN.** See ALLGEMEINE DEUTSCHE NATURHISTORISCHE ZEITUNG.**NATURWISSENSCHAFTLICHE LANDESDURCHF. V. BÖHMEN.** See ARCHIV FÜR DIE
NATURW. LANDESDURCHF. V. BÖHMEN.**NATURWISSENSCHAFTLICHE MONATSHEFTE FÜR DEN BIOLOGISCHEN, CHEMISCHEN, GEOGRAPHISCHEN UNTER-
RICHT.** 1907-date. *Leipzig.***NATURWISSENSCHAFTLICHER ANZEIGER DER ALLGEMEINEN SCHWEIZERISCHEN GESELLSCHAFT FÜR DIE
GESAMMTEN NATURWISSENSCHAFTEN.** 1817-22. *Bern.***NATURWISSENSCHAFTLICHER BEOBACHTER.** *Frankfurt-a-M.*
1859-1922.1859-1905. As *Zoologischer Garten.*1906-20. As *Zoologischer Beobachter.***NATURWISSENSCHAFTLICHE RUND-
SCHAU.** *Brunswick.*
1886-1912. (Superseded by *Naturwissenschaften.*)**NATURWISSENSCHAFTLICHER VEREIN ZU ASCHAFFENBURG.**
1884-1907. Mitteilungen.**NATURWISSENSCHAFTLICHER VEREIN DER BAYERISCHEN RHEINPFALZ.**
See POLLICHA.**NATURWISSENSCHAFTLICHER VEREIN FÜR BIELEFELD UND UMGEGEND.**
1908-date. Bericht.**NATURWISSENSCHAFTLICHER VEREIN ZU BREMEN.**
1868-date. Abhandlungen.

1870-9. Beilage.

Jahresbericht. See ABHANDLUNGEN.

See also BEITRAEGE ZUR NORDWESTDEUTSCHEN
VOLKS- UND LANDESKUNDE.**NATURWISSENSCHAFTLICHER VEREIN, DÜSSELDORF.**
1884-1911/13. Mitteilungen.**NATURWISSENSCHAFTLICHER VEREIN IN ELBERFELD.**
1847-date. Jahres-berichte.

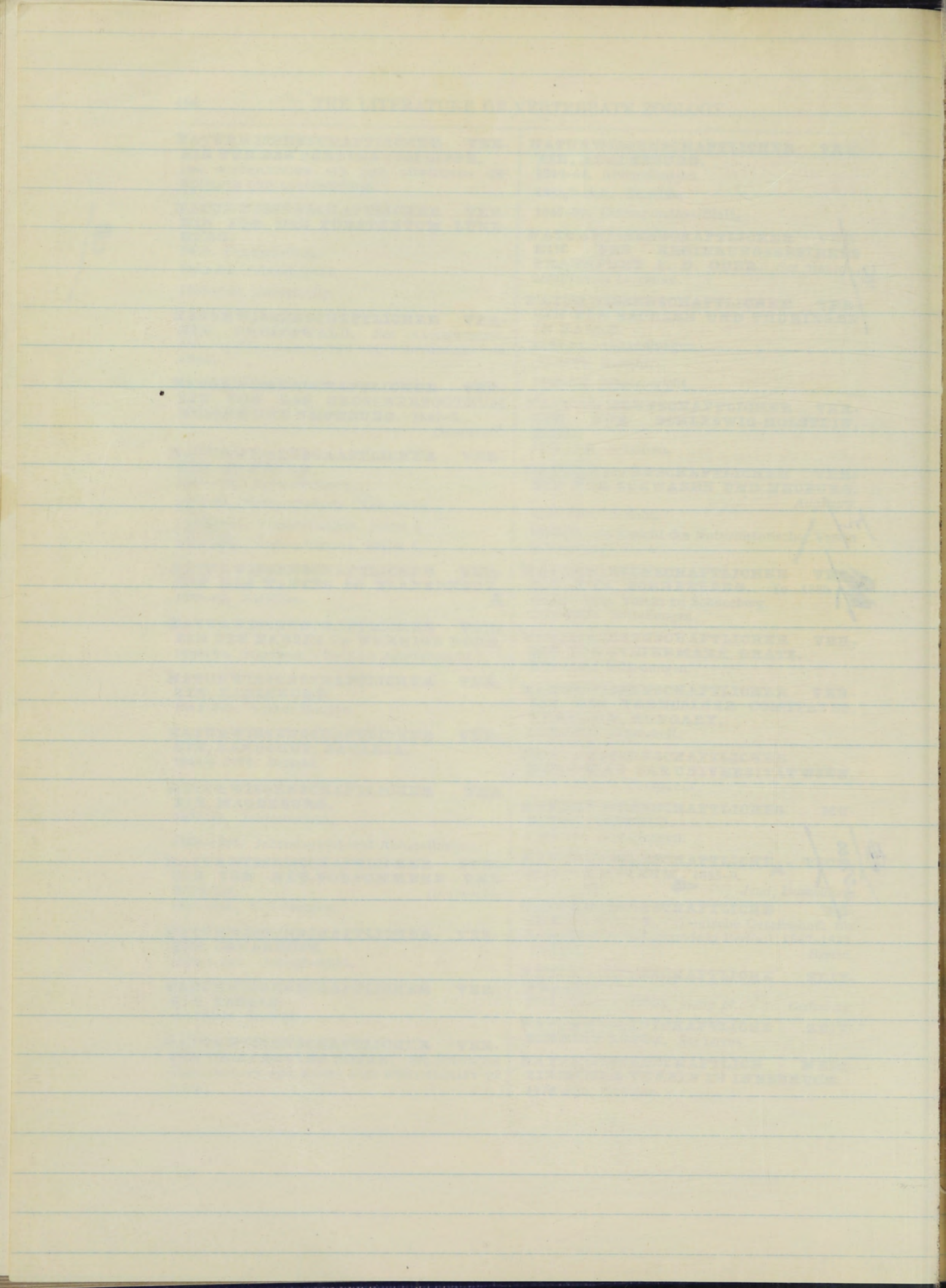
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- NATURWISSENSCHAFTLICHER VEREIN FÜR DAS FÜRSTENTUM LÜNEBERG.**
1855. Denkschriften.
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Darmstadt.
- NATURWISSENSCHAFTLICHER VEREIN, HAMBURG.**
1846-date. Abhandlungen.
1875-81. Verhandlungen. New series.
1893-1921. Verhandlungen. Series 3.
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- NATURWISSENSCHAFTLICHER VEREIN DES HARZES ZU BLANKENBURG.** 1840-62. Berichte.
- NATURWISSENSCHAFTLICHER VEREIN DES HARZES IN WERNIGERODE.** 1886-96. Schriften. (Includes Jahresbericht.)
- NATURWISSENSCHAFTLICHER VEREIN, KARLSRUHE.**
1862-date. Verhandlungen.
- NATURWISSENSCHAFTLICHER VEREIN, LANDSHUT, BAVARIA.**
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1871-84. Jahresbericht.
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- NATURWISSENSCHAFTLICHER VEREIN VON NEU-VORPOMMERN UND RÜGEN.** Greifswald.
1869-date. Mitteilungen.
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1870/1-date. Jahresbericht.
- NATURWISSENSCHAFTLICHER VEREIN, PASSAU.**
1857-date. Bericht.
- NATURWISSENSCHAFTLICHER VEREIN DER PROVINZ POSEN.** See DEUTSCHE GESELLSCHAFT FÜR KUNST UND WISSENSCHAFT IN POSEN.
- NATURWISSENSCHAFTLICHER VEREIN, REGENSBURG.**
1849-64. Abhandlungen.
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1847-87. Correspondenz-Blatt.
- NATURWISSENSCHAFTLICHER VEREIN DES REGIERUNGSBEZIRKES FRANKFURT A. D. ODER.** See HELIOS; SOCIETATUM LITTERAE.
- NATURWISSENSCHAFTLICHER VEREIN FÜR SACHSEN UND THÜRINGEN IN HALLE.**
1856-61. Abhandlungen.
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1848-52. Jahresbericht.
- NATURWISSENSCHAFTLICHER VEREIN FÜR SCHLESWIG-HOLSTEIN, KIEL.**
1873-date. Schriften.
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1848-date. Bericht.
1848-85. As Bericht des Naturhistorischer Verein in Augsburg.
- NATURWISSENSCHAFTLICHER VEREIN FÜR SCHNEEBERG.** To 1880 as Naturwissen. Verein zu Schneeberg.
1878-1909. Mitteilungen.
- NATURWISSENSCHAFTLICHER VEREIN FÜR STEIERMARK, GRATZ.**
1862-date. Mitteilungen.
- NATURWISSENSCHAFTLICHER VEREIN DES TRENCSINER COMITATES, TRENCSIN, HUNGARY.**
1878-1910. Jahreshaft.
- NATURWISSENSCHAFTLICHER VEREIN AN DER UNIVERSITÄT WIEN.** See VIENNA, UNIVERSITÄT.
- NATURWISSENSCHAFTLICHES MUSEUM, CREFELD.**
1909-19? Mitteilungen.
- NATURWISSENSCHAFTLICHE - TECHNISCHE MUSEUM.** 1885-9.
Jena, Dusseldorf.
- NATURWISSENSCHAFTLICHE WOCHENSCHRIFT.** (Deutsche Gesellschaft für Volkstümliche Naturkunde in Berlin.) 1887-1922.
(All pub.) Berlin.
- NATURWISSENSCHAFTLICHE ZEITFRAGEN.**
1910. Hrsg. v. Riem. many pl. Godesberg.
- NATURWISSENSCHAFTLICHE ZEITSCHRIFT LOTOS.** See LOTOS.
- NATURWISSENSCHAFTLICH - MEDIZINISCHER VEREIN IN INNSBRUCK.**
1870-date. Berichte.

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- NATUUR.** 1859-60. (All pub.) *Leyden.*
- NATUUR.** 1881-date. *Utrecht.*
- NATUURBESCHOUWER OF VERSAMELING VAN DE NIEUWSTE VERHANDELINGEN OVER DE DREI RYKEN DER NATUUR.** 1779-82? *The Hague.*
- NATUURKUNDE.** 1843-60. *Arnhem.*
- NATUURKUNDIGE COMMISSIE IN OOST-INDIË VERHANDELINGEN.** 1839-44. *Leyden.*
- (K.) NATUURKUNDIGE VEREENIGING IN NEDERLANDSCH-INDIË.** *Batavia.*
1856-60. Verhandelingen. (All pub.)
1889-92. Voordrachten. (All pub.)
- NATUURKUNDIGE VERHANDELINGEN, UTRECHT.** See PROVINCIAAL UTRECHTSCH GE-NOOTSCHAP VAN KUNSTEN EN WETENSCHAPPEN.
- NATUURKUNDIGE VERHANDELINGEN OF VERZAMELING VAN STUKKEN DER NATUURKUNDE.** 1767? *Amsterdam.*
- NATUURKUNDIGE VOORDRACHTEN.** See MAATSCHAPPIJ DILIGENTIA.
- NATUURKUNDIG GENOOTSCHAP TE GRONINGEN VERSLAG.** 1862-date?
- NATUURKUNDIG TIJDSCHRIFT VOOR NEDERLANDSCH-INDIË.** 1850-date. *Batavia, Weltevreden.*
- NATUURLEVEN.** 1902-date. *Meppel, The Hague.*
- NATUUR MONUMENTUM.** See TROPISCHE NATUR.
- NATUUR-SCHEIKUNDIGE VERHANDELINGEN.** 1809? *Amsterdam.*
- NATUURVRIEND.** 1900-3. *Zutphen.*
- NATUURWETENSCHAPPELIJK TIJDSCHRIFT.** 1920-date. *Antwerp.*
- NATUURWETENSCHAPPELYKE GENOOTSCHAP VAN GHENT.** See NATURA, GHENT.
- NAUMANN, JOHANN ANDREAS** [1744-1826].
1789. Der Vogelsteller oder die Kunst allerley Arten von Vögeln . . . zu fangen, etc. *8vo.* 3 figs. *Leipzig.*
A scarce item, with descriptions of captured and other birds. Probably the first of this author's separate publications; not listed in the *Cat. Br. Mus. (Nat. Hist.)*.
- 1795-1803. Naturgeschichte der Land u. Wasser-vögel des nördlichen Deutschlands und angränzender Länder, etc. *4 vols.* *8vo. text.* Nachträgen 1-3. *allas.* 1 vol. 192 col. pl. (J. A. Aue.) *Kothen.*
This early, fundamental and famous treatise by one of the best known ornithologists of his day, is very rare when provided, as in

the present copy, with all the coloured plates. It is an original and very useful work covering the avifauna of middle and northern Europe. From time to time several editions, printings, and combinations of text and plates of this fundamental treatise appeared until recent date, all of them well done but difficult satisfactorily to catalogue. Practically all the issues are in the McGill libraries.

****, and **NAUMANN, J. F., BLASIUS, J. H., BALDAMUS, EDUARD, STURM, FRIEDRICH.** 1820-60. Johann Andreas Naumann's mehrerer gelehrten Gesellschaften Mitgließe, Naturgeschichte der Vögel Deutschlands, nach eigenen Erfahrungen entworfen . . . aufs Neue herausgegeben von . . . J. F. Naumann. *12 vols.* 1820-44. *8vo.*

1860. Dreizehnter Theil: Nachträge, Zusätze und Verbesserungen von J. H. Blasius . . . E. Baldamus . . . und . . . F. Sturm. *2 vols. in 1.* *8vo.* *14 vols.* *8vo. num. col. pl.* *Leipzig and Stuttgart.*

A comprehensive account of the birds of Germany, distinct from the work of 1795-1803, although the earlier book laid the foundations of the present one. The volumes, apparently, were issued regularly according to the dates on the title-pages with the exception of vol. XIII, which consists entirely of supplementary notes and discussions. This latter was issued in parts until the death of Naumann in 1857, when it was completed by Blasius, Baldamus, and Sturm. Considerable uncertainty exists as to the exact dates of these parts but probably 1846-53 would cover them, whilst the title-page of the latter portion of the volume by Blasius, Baldamus, and Sturm bears the date of 1860.

1905-?9. Naturgeschichte der Vögel Mitteleuropas; neu bearb. von C. Berg [und Andere] hrsg. von C. R. Hennicke. *12 vols. folio. col. pl. indexes to all vols.* *Gera.*

Vol. I. 1905. pp. xli+253. 32 pl. (30 col.).

Vol. II. n.d. pp. iv+340. 30 col. pl.

Vol. III. n.d. pp. vi+393. 48 col. pl.

Vol. IV. n.d. pp. vi+368. 49 col. pl.

Vol. V. n.d. pp. iv+334. 75 pl. (71 col.).

Vol. VI. n.d. pp. (5)+337. 32 pl. (31 col.).

Vol. VII. n.d. pp. (4)+207. 20 col. pl.

Vol. VIII. n.d. pp. (4)+276. 28 col. pl.

Vol. IX. n.d. pp. (4)+408. 34 col. pl.

Vol. X. n.d. pp. (4)+307. 29 col. pl.

Vol. XI. n.d. pp. vi+343. 42 col. pl. *index.*

Vol. XII. n.d. pp. (4)+274. 30 pl. (27 col.). *index.*

Anhang: Ueber den Haushalt der nordschen Seevögel Europas. This modern and enlarged edition of the early German classic was issued in about 150 parts. It comprises over 4,000 pages of text with 2,500 colored and many other plain figures, the latter in the text, the result of the collaboration of a numerous staff of expert ornithologists. Altogether it forms the most complete and best illustrated of any treatise on the birds of Central Europe. The present copy is from Prof. Reichenow's library.

NAUMANN, JOHANN FRIEDRICH [1780-1857].

1815. Taxidermie; oder, Die Lehre Thiere aller Klassen am einfachsten und zweckmässigsten für Kabinette auszustopfen und aufzubewahren. *8vo.* pp. 12+180. *pl.* *Halle.*

**** and **BUHLE, C. A.**

1818-28. Die Eier der Vögel Deutschlands und der benachbarten Länder; nebst einer tabellarischen Uebersicht der Naturgeschichte der hier vorkommenden Vögel. *folio.* 10 col. pl. *Halle.*

An early, scarce, systematic treatise on the eggs and nests of Middle European birds, issued at intervals in five parts. A complete description on the ölogy and many observations about the birds themselves are given in tabular form. The plates were colored by the author himself. The volume in hand is a beautifully preserved and finely bound copy from the Phillips Library.

1820-60. See NAUMANN, JOHANN ANDREAS.

1836. See GRAEFE, HEINRICH.

1848. Taxidermie, etc. *2 Auf.* *8vo. illust.* *Halle.*

The first edition of this rare but important and well-illustrated work of about 200 pages was published in 1815. The present treatise has been revised and enlarged. There is no copy of the latter mentioned in the *Cat. Br. Mus. (Nat. Hist.)*.

n.d. Die Vögel von Mittel-Europa und ihre Eier. See GRÄSSNER, FÜRCHTEGOTT.

- NAUMANNIA.** *Archiv für die Ornithologie vorzugsweise Europas.* Organ des Deutschen Ornithologischen Vereins. 1851-4. Vols. I-II. *col. pl.* Edited by E. Baldamus. Continued as (Second series) Naumannia, Journal für die Ornithologie, etc.
- 1855-8. Jahrg. III-VIII. *col. illust.* In 1860 Naumannia was absorbed by the Journal f. Ornithologie.
- NAUTILUS.** 1886-date. Philadelphia, Boston.
- NEALE, E.**
1900. The golden eagle. (Painting.) See ORIGINAL DRAWINGS.
- NEBRASKA ACADEMY OF SCIENCE.** Lincoln.
1891-date. Publications.
- NEBRASKA ORNITHOLOGISTS' UNION.** Neligh and Lincoln.
1899-1915. Proceedings. Continued in Wilson Bulletin.
1919-30. Letters of Information.
- NEBRASKA UNIVERSITY. Zoological Laboratory.**
1894-date. Studies.
- NECKER, LOUIS ALBERT** [1786-1861].
1864. Mémoire sur les Oiseaux des environs de Genève, précédé d'une Notice biographique sur l'auteur d'après J. D. Forbes. 8vo. Genève.
The original work of 111 pages appeared in 1823.
- NEDERLANDSCHE AVICULTURA, Gewijd aan Hoenderfokkerij.** Vogelteelt, Jacht en Visscherij. Organ der Vereeniging van Vogelliefhebbers van dien naam. Bijblad van het Weekblad Floralia. 4to. Assen.
The dates of the following volumes are quoted from *Naturae Novitates*: Jaarg. I, 1886; Jaarg. II, 1886; Jaarg. III, 1887; Jaarg. IV, 1889. Jaarg. V, 1890; Jaarg. VI, 1891; Jaarg. VII, 1892; Jaarg. VIII, 1893. [Suspended?]
The Compiler has not been able to secure additional information regarding this periodical.
- NEDERLANDSCHE DIERKUNDIGE VEREENIGING.** Leyden.
1872-85. Tijdschrift.
1885-date. Tijdschrift. New Series.
1876-date. Verslag—Zoölogisch Station.
- NEDERLANDSCHE NATUURHISTORISCHES VEREENIGING, HAARLEM.** See NATURA, HAARLEM.
- NEDERLANDSCHE ORNITHOLOGISCHE VEREENIGING.** Verslagen en Mededeelingen. 1904-11. Nos. 1-8. *illust., col. and plain.* Continued (1912) as Ardea.
The *Nederlandsche Ornithologische Vereeniging* was organized March 30, 1901, in Amsterdam, with Baron Schauburg as President and A. A. van Pelt Lechner as Secretary. Among its most active members are (and were) Drs. Joh. Büttikofer, A. J. Blaauw, J. Th. Oudemans and E. D. Van Oort, C. Kerbert and Prof. J. Ritzema Bos. Although mostly concerned with meetings of the Association and with Dutch Ornithology, the Proceedings included quite often papers on foreign bird lore. The (colored) wrappers of the first seven numbers were adorned by pictures of an Egret; later, with (slight) alteration in title-page, wrappers were furnished plain. There are a few illustrations, and those mostly in the text and generally uncolored.
- NEDERLANDSCHE VEREENIGING TOT BESCHERMING VAN VOGELS.** Verslagen en Mededeelingen, 1924-1928. 8vo. *figs. in text.* Amsterdam.
This is an account, issued by the local society, describing the various Dutch activities interested in the protection of birds throughout the Netherlands.
- NEDERLANDSCH-INDISCHE NATUUR-HISTORISCHE VEREENIGING.** See TROPISCHE NATUUR.
- NEDERLANDSCH-INDISCHE VEREENIGING TOT NATUURBESCHERMING.** Batavia.
1914-date. Jaarverslag. See also NATUUR MONUMENTUM.
- (K.) NEDERLANDSCH INSTITUT VAN WETENSCHAPPEN, Letterkunde en Schoone Kunsten.** Amsterdam.
1841-6. Instituut of verslagen en mededeelingen.
1847-51. Jaarboek.
1806-46. Proces-verbaal.
1848-52. Tijdschrift voor de Wis- en Natuurkundige Wetenschappen.
- NEDERLANDSCH NATUR EN GENEESKUNDIG CONGRES.** 1887-1930. See HANDELINGEN VAN HET NEDERLANDSCH, etc. Haarlem.
- NEDERLANDSCH TIJDSCHRIFT VOOR DE DIERKUNDE.** (K.) Zoölogisch Genootschap *Natura artis Magistra.* 1863-84. Amsterdam.
- NEDERLANDSCH TIJDSCHRIFT V. NATUURK.** 1921-30.
- NEFF, JOHNSON A.**
1929. A Study of the Economic Status of the Common Woodpeckers. pp. 104. *illust.* Oregon.
A privately printed tract.
- NEHRKORN, ADOLPH.**
1899. Katalog der Eiersammlung nebst Beschreibungen der aussereuropäischen Eier. 8vo. pp. 7+256. 4 *col. pl.* T. of c. Braunschweig.
A partially appraised list of the eggs of 3,546 avian species nesting outside of Europe, mostly from the author's own collection. The first edition of this important work, a second printing having been issued in 1910.
1910. Katalog der Eiersammlung nebst Beschreibungen der aussereuropäischen Eier. 2te Auflage. 8vo. pp. 7+449. 4 *col. pl.* Berlin.
An enlargement of the 1899 edition in which the author catalogues the eggs of 5,440 species and races of non-European birds. The copy in hand is a present from the author to Prof. Reichenow, who has added a few marginal notes.
1914. Nachträge zu Nehr Korn's Eierkatalog. 8vo. pp. 128. 6 *col. pl.* Berlin.
A supplementary report to the author's *Katalog der Eiersammlung*, 1910. Additional species and subspecies are listed, making in all 5,822.

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Medham, J. G. A guide to the study of fresh-water biology. 2^d ed. 90 p., 10 figs. 24 pls.
Life of inland waters. 438 p. 244 illus., 2^d ed.

THE LITERATURE OF VENTILATION

WINDMILLS, AND THE AIR SYSTEMS OF THE EARLY MIDDLE AGES

THE AIR SYSTEMS OF THE EARLY MIDDLE AGES

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NEHRLING, HEINRICH.

1889-91. Die Nordamerikanische Vogelwelt. Unter kunsterischer Mitwirkung von Prof. Robert Ridgway in Washington, Prof. A. Göring in Leipzig, und Akademiemaler Gustav Mützel in Berlin. 4to. pp. 40+637. 36 pl. (col.) 10 figs. in text. index. Milwaukee.

This extensive work appeared in 13 parts, the first in 1889 (*Auk*, July 1889), and has been, on the whole, well received by ornithologists. The English edition appeared in two volumes about the same time but with a different title.

1889-96. Our native birds of song and beauty, being a complete history of all the songbirds, flycatchers, hummingbirds, swifts, goatsuckers, woodpeckers, kingfishers, trogons, cuckoos, and parrots, of North America. 2 vols. 4to. Vol. I, pp. 1+371. 18 pl. (col.). 8 figs. index. Vol. II, pp. (2)+452. 18 pl. (col.). index. Milwaukee.

A popular account of North American Birds issued in 16 parts, the first appearing simultaneously with the German one-volume printing in 1889, but not completed until 1896. It contains the same matter and illustrations as the German edition. Elliott Coues spoke in warm terms of the work and reviewed it in the *Auk* for January 1890, not in the July issue of 1889 as stated by Zimmer in the *Ayer Catalogue*, p. 462.

NELSON, EDWARD WILLIAM [1855-].

1883. See UNITED STATES. VOYAGE TO ALASKA.

1887. Report on Natural History collections made in Alaska between 1877-81. 4to. 12 col. pl. Washington.

Author's special edition.

****** and TRUE, F. W.**

1887. Mammals of Northern Alaska. Report of collections made for the U.S. Govt. between 1877 and 1881. 4to. Washington.

Although a Federal report this treatise is occasionally found separately bound as an author's reprint. It is a very important contribution to the subject.

1899. Natural History of the Tres Marias Islands, Mexico. See MERRIAM, CLINTON HART.

[c. 1918]. Wild animals of North America; intimate studies of big and little creatures of the mammal kingdom. (National Geographic Society.) 4to. pp. 230. illust. col. pl. Washington.

1926. Our migratory wild fowl and present conditions affecting their abundance. 4to. pp. 17. T. of c. Washington.

A revision of an address made by the writer before the Outdoor Recreation Conference, at Washington, D.C., on January 21, 1926.

NELSON, HARRY LEVERETT [1858-89].

1889. Bird-songs about Worcester. 12mo. pp. (4)+131. index. Boston.

NELSON, THOMAS HUDSON [1856-1916].

1907. The birds of Yorkshire. paged continuously. 2 vols. 8vo. pp. 843. Vol. 1, front. (col.). 75 pl. 2 figs. Vol. 2, front. (col.). 86 pl. 2 figs. 2 indexes. London.

NELTJE BLANCHAN (pseud.). See DOUBLE-DAY, Mrs. N. BLANCHAN (BORN DE GRAFF.).

NEMNICH, PHILIPP ANDREAS [1764-1822].

[1793-8]. Allgemeines Polyglotten-Lexicon der Naturgeschichte (Wörterbücher der naturgeschichte in der deutschen, holländischen, dänischen, schwedischen, englischen, französischen, italieni-

schen, spanischen und portugiesischen Sprache). 13 pts. bound in 7 vols. 4to. paged continuously. Hamburg.

A valuable work of reference.

NESTER UND EIER DER VÖGEL.

1866. New ed. 8 col. pl. See ANONYMOUS.

NEUCHÂTEL. Société des sciences naturelles.

1836-1914. Mémoires. (All pub.)

1867-1930. Bulletin. Index 1-25.

NEUE ABHANDLUNGEN AUS DER NATURLEHRE . . . MECHANIK. (K. Svenska Vetén., Stockholm). 1780-91.**NEUE ARCHIV FÜR ZOOLOGIE UND ZOOTOMIE.** Berlin.

1807. Continues Archiv für Zoologie und Zootomie.

NEUE BEITRÄGE ZUR NATUR- UND ARZNEI-WISSENSCHAFT. 1782-6. Berlin.**NEUE JAHRBUCH FÜR MINERALOGIE, GEOLOGIE UND PALAEONTOLOGIE.**

1830-date. Heidelberg, Stuttgart.

NEUE NORDISCHE BEYTRÄGE ZUR PHYSIKALISCHEN UND GEOGRAPHISCHEN ERD- UND VÖLKERBESCHREIBUNG, NATURGESCHICHTE UND OEKONOMIE. 1781-96. St. Petersburg, Leipzig.**NEUE SCHRIFTEN D. GESELLSCHAFT NATURFORSCHENDER FREUNDE, BERLIN. 1794-1803.** (All pub.) See GESELLSCHAFT . . . FREUNDE.**NEUES THIER-BUCH; oder, Merckwürdige Beschreibung der Thieren und Vögeln, worinnen deren unterschiedliche Arth, grösse und kleine Gestalt, Alter, Stärck, Farb, Lebens-Manier, Eigenschaft Veränderung und Fortpflanzung zu ersehen.**

1718. Pub. by C. Wussin. Anonymous. 8vo. pp. 6+216. pl. and text-figs. Prag.

NEUE ZOOLOGISCHE GESELLSCHAFT IN FRANKFURT-A-M. See NATURWISSENSCHAFTLICHER BEOBACHTER.**NEUGEBAUER, LUDWIG ADOLPH [1821-90].**

n.d. Systema venosum avium cum eo mammalium et inprimis hominis collatum. 4to. pp. 182. pl. n.p.

A treatise on the venous system of birds and mammals as compared with that of man.

NEUMANN, E. and KIRSCH, O. M.

n.d. Unsere gefiederten Freunde aus Wald und Flur. 12mo. pp. 64. 32 col. pl. Berlin.

A popular little book (mostly on cage-birds) illustrated by rather crude colored plates.

NEUMANN, LOUIS GEORGES [1846-].

1896. Biographies vétérinaires. 8vo. illust. [O. 6743.] Paris.

This author has written several monographs on the treatment of animal diseases, one at least of which, after passing through several French editions, has been translated into English.

1909. Parasites et Maladies parasiticales des Oiseaux. Paris.

NEUMAYR, MELCHIOR [1845-90].

1889. *Die Stämme des Tierreiches*. Vienna.
The natural philosophy of extinct animals is here treated by an eminent Austrian but, unfortunately, it was never completed. Much of the published material relates to invertebrate paleontology.

NEUMEISTER, GOTTLÖB.

1837. *Das Ganze der Taubenzucht*. 4to. pp. 4+32. 15 col. pl. Weimar.

The first (rare) edition of a well-known monograph on domestic pigeons, their varieties and culture. From the Cabanis-Reichenow collection; in the original, engraved covers.

NEUNZIG, KARL.

1911. *Der Kanarienvogel*. See RUSS, K. F. O.

1913. *Dr. Karl Russ' Einheimische Stubenvögel*. See RUSS, K. F. O.

1921. *Die fremdländischen Stubenvögel*. 8vo. 42 col. pl. 400 figs. Magdeburg.

n.d. *Gefiederte Hausfreunde*. 2 vols. 8vo. 97 figs. in text. T. of c. Vol. I. [Domestic birds and their care. pp. 70.] Vol. II. [Foreign birds and their care. pp. 68.] Magdeburg.

NEVEU-LEMAIRE, MAURICE [1872-] and **GRANDIDIER, G.**

1911. *Notes sur les mammifères . . . de l'Amérique du Sud*. 8vo. illust. pl. Paris.

NEWBERRY, JOHN STRONG [1822-92].

1855-9. See UNITED STATES. PACIFIC RD. SURVEY.

1889. *Paleozoic Fishes of North America*. (Monographs U.S. Geologic Survey, vol. XVI.) 4to. pp. 340. 52 pl. illust. text. Washington.

Occasionally found as a separate publication or author's reprint—a scientific contribution to an important subject.

NEWBIGIN, MARION ISABEL.

1895. *Outlines of zoology*. 2nd ed., revised and enlarged. See THOMSON, J. A.

1898. *Colour in nature; a study in biology*. 8vo. pp. xii+344. bibliogr. 2 indexes. London.

1931. *Life by the Seashore*. 8vo. pp. 296. illust. London.

NEW BRITISH BIRD FANCIER, etc. 8vo. n.d. (ca. 1780). Anonymous.

NEW BRUNSWICK NATURAL HISTORY SOCIETY. See NATURAL HISTORY SOCIETY OF NEW BRUNSWICK.

NEWCASTLE-ON-TYNE. See NATURAL HISTORY SOCIETY OF NORTHUMBERLAND, etc.

NEW ENGLAND ZOOLOGICAL CLUB.

1899-date. Proceedings. Cambridge.

NEW JERSEY AND PENNSYLVANIA AUDUBON BULLETIN.

1913-30. Editor, Beecher S. Bowdish, Newark, N.J. Irregular. After 1914 continued as the *New Jersey Audubon Bulletin*.

This is one of a superior class of Audubon Society publications, devoted not only to the cause of bird protection and culture, but containing several articles of value to the serious student of ornithology.

NEW JERSEY NATURAL HISTORY SOCIETY.

1886-91. Journal. Trenton.

NEW JERSEY STATE MUSEUM. The birds of New Jersey, etc. See STONE, WITMER.

NEWMAN, EDWARD [1801-76].

1843-76. See the ZOOLOGIST. Conducted by E. Newman.

1849. The letters of Rusticus [i.e. Edward Newman, Waring Kidd, and J. D. Salmon] on the natural history of Godalming. 8vo. pp. 8+164. illust. London.

These letters are extracted from several magazines, given a separate title, and provided with a preface. The present copy belonged to L. H. Irby and has pencilled notes by that author. The birds of Godalming are discussed in every chapter.

1861. *Birdnesting: the nest and eggs of every British Bird*. 8vo. pp. iv+52. London.

A practical handbook by a well-known naturalist. The above is probably the (rare) first edition of a work that has been several times reprinted and rewritten.

1866. See MONTAGU, GEORGE. (Dictionary.)

NEWMAN, HORATIO HACKETT [1875-].

1920. *Vertebrate zoology*. 8vo. pp. xiii+432. 217 figs. bibliogr. index. New York.

First edition of an admirable textbook. A second, identical, printing appeared in 1921.

1929. *Laboratory guide and review manual for general zoology*. 8vo. pp. 10+87. illust. New York.

NEW MEXICO UNIVERSITY. Biological Series.

1899-1919. Bulletin, 1-3 (all pub.).

NEWPORT NATURAL HISTORY SOCIETY.

1883/4-1891/9. Proceedings (all pub.). Newport, R.I.

NEW SOUTH WALES.

1898. *Sea fisheries . . . with scientific report on the fishes by E. R. Waite*. 8vo. pp. 2+45. pl. map. Sydney.

NEW SOUTH WALES LINNEAN SOCIETY.

See LINNEAN SOCIETY OF NEW SOUTH WALES.

NEW SOUTH WALES NATURALISTS' CLUB.

1903-6. Memoirs (all pub.). Sydney.

NEW SOUTH WALES, NATURALISTS' SOCIETY OF.

See AUSTRALIAN NATURALIST. 1906-date.

NEW SOUTH WALES ROYAL SOCIETY.

See ROYAL SOCIETY OF NEW SOUTH WALES.

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care. pp. 68.]

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1913-30. Editor, Beecher
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Frinton.
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Newman, 1849. In the first issue the preface is signed "Edward Newman, Printer"; in the second he styles himself "Editor". // o/

← Newell, J.T. 1866. The Eastern Hunters. 800. pp. 473, pls. London.

? Newman, H. H. Evolution Yesterday and Today. 1932. [Prof. Zool. U. of Ill.]

→ Newell, Robert Hasell. ¹⁸⁴⁵ The Zoology of the English Pools corrected by the writings of modern naturalists. London.

→ howlin, Isaac. 1928. History of Sci

Deposited in the E.S.W.

Library of Ornithology -

This well worn hazelwood cane was in daily use by the eccentric but erudite Alfred Newton (1829-1907), the famous professor of zoology in Cambridge University. The cane was, with Newton, not a mere ornament but a necessary instrument as he was quite lame. After his death the cane was presented (see the accompanying letter) by his niece, Miss Eleanor Newton, to the Professor's life-long friend, and equally well-known naturalist, Bowdler Sharpe, of the British Museum. From him it descended to Mr. Thos. Wells, of the Bird Room, British Museum, and thence by kindly gift, to the undersigned.

Casey B. Wood

18 August 1929.

NEWTON, ALFRED [1829-1907].
[1860]. Suggestions for forming collections of birds' eggs. 8vo. pp. 10-22. 21 text-figs.
Washington.

Special reprint. A copy of this paper by Newton follows that of Joseph Henry on the same subject published in the *Smithsonian Miscellaneous Collections*, pp. 1-9, 1860. The present paper gives more elaborate details as well as illustrations for the preparation and preservation of oological specimens.

1860. Suggestions for forming collections of birds' eggs. Reprinted, with additions, from the circular of the Smithsonian institution of Washington. 8vo. pp. 15. 23 figs. London.

A republication in England—with some slight alterations—of the pamphlet that originally followed the one by Joseph Henry on the same subject in the *Smithsonian Miscellaneous Collections*.

1862. A list of the birds of Europe. See BLASIUS, J. H.

1862. On the zoology of ancient Europe: a paper read before the Cambridge Philosophical Society, 31st March 1862. 8vo. pp. 31. London.

[1864]. On the irruption of Pallas's sandgrouse (*Syrhaptus paradoxus*) in 1863. 8vo. pp. 38. front. (map). (London.)

1864-1907. *Ootheca Wolleyana*. See WOLLEY, J.

1870. Extracts from the Record of zoological literature, vols. 1-6, containing the portions relating to aves from 1864-69. 6 vols. in 1. 8vo. London.

Although it is not the policy of the Compiler to annotate extracts from periodical literature, yet the present volume deserves particular notice because it is a presentation copy from the distinguished author to Dr. Elliott Coues. The latter has made elaborate marginal notes on the various birds for the purpose of compiling a part of his bibliography of ornithology, many of the excerpts having been, with Dr. Newton's approval, incorporated in the text of the *Instalments*.

1871-83. A history of British birds. See YARRELL, W.

1873-4. See HARTLAUB and LINDEMAN, eds.

1875. Notes on Birds . . . [of] Greenland. 8vo. London.

The above is part V of the Great Britain and Ireland Admiralty Manual of the natural history of Greenland.

1879. Hawking in Norfolk. See LUBBOCK, R.

1880. Mémoire sur quelques nouvelles espèces d'oiseaux des côtes de Barbarie. See DESFONTAINES, R. L.

1880. See TUNSTALL, MARMADUKE.

1883. See AUDOUIN, JEAN VICTOR.

**** and others.

1893-6. A dictionary of birds, by Alfred Newton, assisted by Hans Gadow, with contributions from Richard Lydekker, C. S. Roy and R. W. Shufeldt. 4 pts. 8vo. paged continuously. pp. 1088. map. 700 figs. in text. 2 indexes. London.

Of the value of this work Coues wrote (*Auk*, 1897, p. 236): 'Far and away the best book ever written about birds.' It abounds with all manner of information relating to the various phases of ornithology, conveniently arranged in alphabetical order with cross-references. The anatomical paragraphs were written by Gadow and are distinguished by having the titles in italics. Roy contributed an article on flight; Lydekker, several paragraphs on fossils; and Shufeldt, accounts of several North American birds; these notes being signed by their respective contributors. Possibly the Introduction—a brief history of ornithology—is the most valuable part of the work. A second edition, unabridged, was issued in 1899.

n.d. Ornithology. Reprinted from the 'Encyclopaedia Britannica' by special permission. For private circulation. 4to. pp. 50. index. London. This reprint contains copious footnotes and marginal references.

NEWTON, EDWARD.

1879. See ROYAL SOCIETY OF LONDON.

**** and GADOW, HANS.

1893. On additional bones of the Dodo and other extinct birds of Mauritius obtained by Théodore Sauzier. 4to. pp. 22. 5 pl. London.

NEWTON NATURAL HISTORY SOCIETY, NEWTONVILLE, MASS.

1889-90. Bulletin.

NEW-WORLD SCIENCE SERIES.

1920. Zoology, a text book. See COCKERELL, T. D. A.

NEW YORK ACADEMY OF SCIENCES.

New York.

1877-date. Annals.

1823-77. Annals of Lyceum of Natural History.

1906-date. Bulletin.

1895-1905. Memoirs.

1913. Occasional Papers.

1870-4. Proceedings of Lyceum of Natural History.

1881-97. Transactions.

NEW YORK LINNEAN SOCIETY. See LINNEAN SOCIETY OF NEW YORK.

NEW YORK STATE.

1895-1903. Reports of the Forest Fish and Game Commission. Vols. I-IX. 4to. pl. many col.

Albany.

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Albany.

1863-93. Annual Reports.

1872-82. Catalogue.

NEW YORK STATE MUSEUM.

1847-1918. Annual Report.

1889-date. Memoir.

1887-date. Museum Bulletin.

NEW YORK STATE MUSEUM OF NATURAL HISTORY. See NEW YORK STATE MUSEUM.

NEW YORK ZOOLOGICAL SOCIETY.

1896-date. Annual Report.

1897-date. Zoological Society Bulletin.

See also ZOOLOGICA and ZOOPATHOLOGICA.

1900-date. Official guides.

1925. A child's book of wild animals (formerly pub. as Wild animal stamp primer); illust. by photographs taken in the New York zoological park by E. R. Sanborn. 3rd ed. 8vo. pp. 93. 98 figs. (50 col.). T. of c. [New York.]

NEW ZEALAND INSTITUTE. Wellington.
1910-date. Bulletin.

1908-11. Proceedings.

1868-date. Transactions and Proceedings.

NEW ZEALAND JOURNAL OF SCIENCE. Dunedin.

1882-5.

1891. New issue.

NEW ZEALAND NATIVE BIRD PROTECTION SOCIETY.

1919-30. Bulletin. *Svo.* Wellington, N.Z.

The organ of a society that is active and influential in the Dominion, containing a number of interesting articles on bird life in New Zealand as well as appeals to the citizens to prevent as far as possible the extinction of several species that are in danger of extermination.

→ **NICE, MARGARET MORSE and NICE, LEONARD BLAINE.**

- 1924. (The) birds of Oklahoma. *Svo.* pp. 122. 3 pl. (1 map). bibliogr. append. index.

Norman, Okla.

Author's reprint. An annotated list of 361 species and subspecies observed in the State, with notes as to distribution, nesting, etc., and a bibliography.

→ **NICHOLS, L. NELSON.**

[1917]. Birds of America. See PEARSON, T. G.

1918. History of Long Island. See THOMPSON, BENJAMIN FRANKLIN.

NICHOLSON, E. M.

1926. Birds in England: an account of the state of our bird-life and a criticism of bird protection. *Svo.* pp. 20+324. London.

1927. How birds live; a brief account of bird life in the light of modern observation. *12mo.* pp. x+139. 7 col. pl. 6 append. London.

→ **NICHOLSON, FRANCIS.**

[1881-3]. [On birds collected in Java, Sumatra and Borneo by H. O. Forbes.] Four excerpts from *Ibis*, specially bound in one volume. [London.]

The present copy is from Canon Tristram's library.

1889. Sundevall's Tentamen. See SUNDEVALL, C. J.

NICHOLSON, HENRY ALLEYNE [1844-99].

1870. Advanced text-book of zoology for the use of schools. *12mo.* pp. xii+340. 153 figs. glossary index. Edinburgh.

1871. Introductory Text-book of Zoology. Edinburgh and London.

1872. A manual of palæontology for the use of students with a general introduction on the principles of palæontology. *Svo.* pp. 16+601. illust. Edinburgh.

1874. Report upon the palæontology of the province of Ontario. *Svo.* pp. 133. 8 pl. Toronto. Contains descriptions of the fossils collected during . . . 1873, in the Devonian rocks of Western Canada.

→ 1878. A manual of zoology for the use of students, with a general introduction on the principles of zoology. 5th ed. *Svo.* pp. xiv+800. 394 figs. bibliogr. glossary. index. Edinburgh.

**** and **LYDEKKER, RICHARD.**

1889. Manual of palæontology. 3rd ed. 2 vols. *Svo.* illust. Edinburgh.

1896. The ancient life-history of the earth. A comprehensive outline of the principles and leading facts of palæontological science. *Svo.* pp. xviii+407. 270 figs. append. glossary. index. New York.

NICHOLL, A. M. C.

1916. Adventures after birds at Osborne, being a camera record of some of the birds found near the college. *4to.* pp. (2)+194. 21 pl. 84 figs. Newport, I.W.

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NICOLL, MICHAEL JOHN [d. 1925].

1908. Three voyages of a naturalist, being an account of many little-known islands in three oceans visited by the 'Valhalla'. *Svo.* pp. xxvi+246. front. 56 pl. 4 figs. (maps). index. London.

1912. Wild birds of the Giza gardens, 1898-1911. *Svo.* pp. 32. illust. (Egypt. Zoological Service, publication no. 23.) Cairo.

Author's reprint. A good local list of Egyptian birds.

1919. Handlist of the birds of Egypt. Government press. *Svo.* pp. xii+119. 32 pl. (9 col.). 2 append. index. Cairo.

**** and **MEINERTZHAGEN, R.**

1930. Nicoll's Birds of Egypt. 2 vols. *4to.* 38 col. pl. index. London.

An up-to-date, complete, systematic account of Egyptian birds from the earliest times to the present, superseding other treatises on the subject. The work was completed by Col. Meinertzhagen on the death of Nicoll, who was (1906-24) Assistant Director of the Zoological Gardens at Giza.

NICOLS, ARTHUR.

1877. The puzzle of life and how it has been put together; a short history of vegetable and animal life upon the earth from the earliest times. *12mo.* pp. x+148. front. 11 pl. London.

1883. Zoological notes on the structure, affinities, habits, and mental faculties of wild and domestic animals. *Svo.* pp. vii+370. 3 pl. 7 figs. index. London.

NIDIOLOGIST, THE. Published by Henry Reed Taylor. Alameda, Cal. An Illustrated Monthly Magazine Devoted to the Study of Ornithology, and with special references to the Nidification of North American Birds. Name subsequently changed to *Nidologist*.

1893-7. Vols. I-VI. *Svo.* Suspended and merged in the *Popular Science Monthly*.

This well-edited magazine practically continued the defunct *Ornithologist and Oologist*. It published during its relatively short life many papers of importance from the pens of scientific ornithologists throughout the country.

NIDOLOGIST, THE. See THE NIDIOLOGIST.

NIEDEN, Fr.

1910. See ADOLF FRIEDRICH OF MECKLENBURG.

1923. Amphibia. Anura I. (Das Tierreich.) *Svo.* pp. xxxii+584. Berlin.

1926. Anura. II. Engystomidae. (Das Tierreich, vol. 49.) pp. 110. 55 figs. Berlin.

← News from the bird-banders.

← Miss. Margaret Morse, ¹⁹³¹ Birds of Oklahoma. Rev. ed. Author's reprint.

← Michelson, E. M. 1931. The art of bird-watching. London.

← Michelson, H. A. 1882. Synopsis of classification of Animal Kingdom. Ill. ^{3/6}.

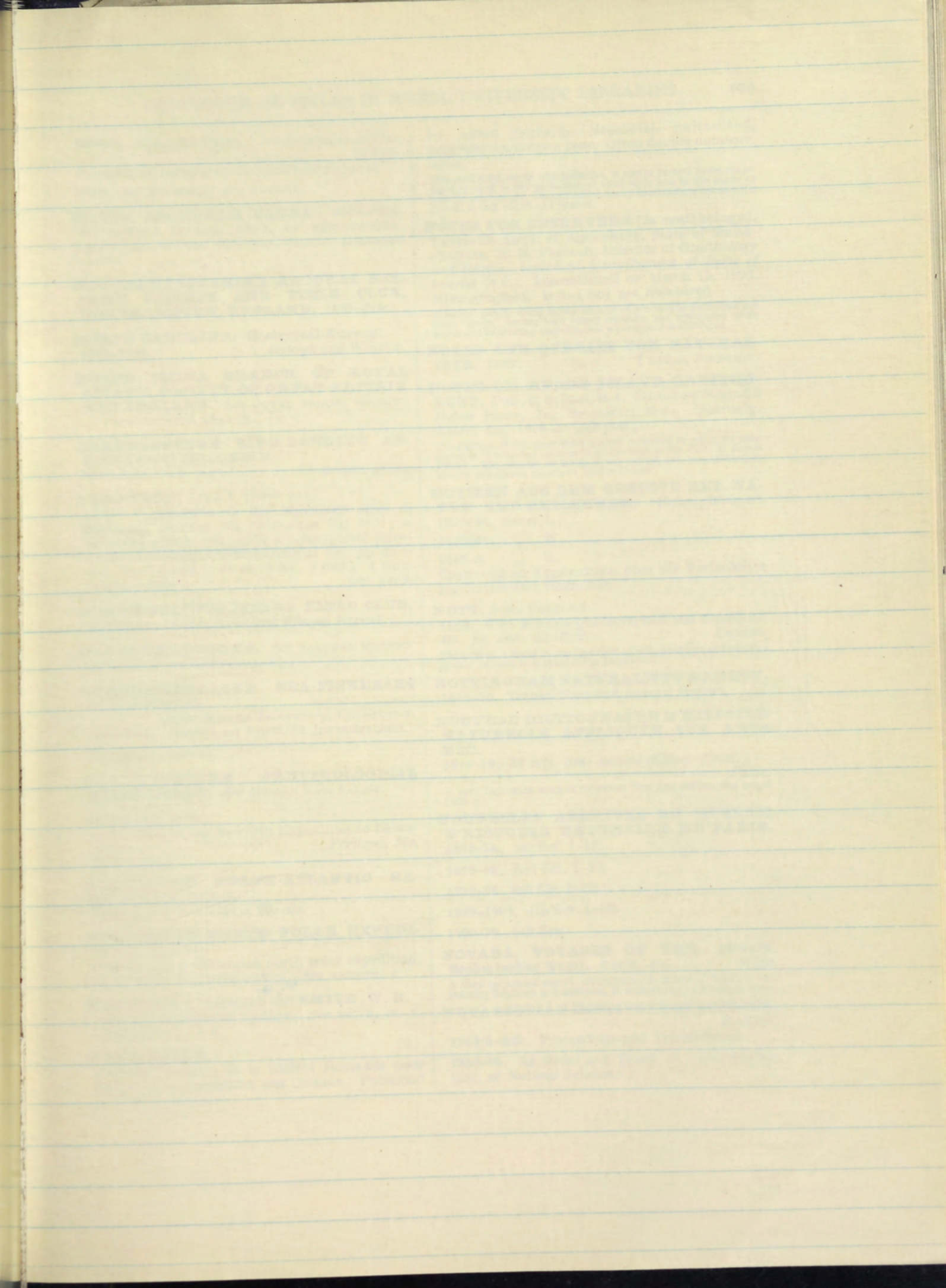
→ 1931. The biology of the Amphibia. pp. 577, illus.

→ Noble, Birds of Jesmond Dene.

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- NIEDERLAENDISCHES ARCHIV FÜR ZOOLOGIE.** *Leyden, Leipzig.*
1871-82, and Supplement (all pub.).
- NIEDERSÄCHSISCHER ZOOLOGISCHER VEREIN.** *Hanover.*
1908-18. Jahresbericht.
- NIEREMBERG, JUAN EUSEBIO (1595-1658).**
1635. *Historia Naturae, maxime peregrinae, libris XVI. distincta, etc. folio. pp. 6+502+102. illust. in text.* *Antverpiae.*
A classic work of some value describing a medley of animals, plants, and minerals—some of them new to the zoological science of the day. This volume is becoming quite rare.
- NIERSTRASZ, H. F. 1927.** See IHLE, J. E. W.
- NIKOLSKY, A. M.**
1915. *Faune de la Russie. Vol. I. Reptiles. Chelonia and Sauria. pp. 532. 9 pl. (In Russian.) Petrograd.*
1916. *Faune de la Russie. Reptiles. II. Ophidia. pp. 349. 7 pl. (In Russian.) Petrograd.*
1918. *Faune de la Russie. Amphibia. pp. 309. 4 pl. (In Russian.) Petrograd.*
- NILSSON, AND.**
1877. *Studier öfver foglarnes käkmuskler. 8vo. pl. (Lund Universitet thesis.) Lund.*
- NILSSON, R.**
[1920]. *Förteckning över Sveriges ornitologiska litteratur rörande Svenska fågelfaunan. 8vo. pp. 160. indexes. Lund.*
A useful catalogue of Swedish ornithological literature, arranged under authors, subjects, periodicals, monographs, etc. From Prof. Reichenow's library.
- NILSSON, SVEN [1787-1883].**
1817-21. *Ornithologia Svecica. 2 pts. 8vo. col. illust. (Wanting.) Havniae.*
Among the first writings of this Scandinavian naturalist whose studies included all the fauna of Northern Europe.
1832-40. *Illuminerade figurer till Skandinavens fauna. 2 vols. 4to. 200 col. pl. Issued in 20 pts. Lund.*
A fine example of zoological atlas with descriptive text.
1858. *Skandinavisk Fauna. Foglarna. 3rd ed. 2 vols. 8vo. Vol. I, pp. xxiii+580. index. Vol. II, pp. 580. index. Lund.*
This classic treatise on Scandinavian birds furnishes a list of both local and zoological names with their synonymy, characters, habits, distribution, nidification, etc.
- NIMES. Société d'étude des sciences naturelles.**
1897-1930. Bulletin.
- NIPHUS, AUGUSTUS.**
1497. *De sensu agente, etc. See AVERROËS. Destructiones destructionum.*
- NITZSCH, CHRISTIAN LUDWIG [1782-1837].**
1811. *Osteografische Beiträge zur Naturgeschichte der Vögel. 8vo. pp. 10+122. 11 pl. Leipzig.*
On the osteology of birds treating, among other subjects, the pneumatic bones of the head, vertebrae, limbs, etc. From the Cabanis-Reichenow collection.
1829. *Observationes de avium arteria carotide communi. 8vo. pp. (2)+36. Halae.*
- **** and **BURMEISTER, HERMANN.**
1840. *System der Pterylographie; nach seinen handschriftlich aufbewahrten Untersuchungen verfasst von Hermann Burmeister. 4to. pp. xii+228. 10 pl. Halle.*
The manuscript of this work was prepared by Nitzsch (as a revision of his earlier work, *Pterylographia avium pas prior*, only one part of which was published in 1833) and edited by Burmeister, with the addition of an extra plate (on the structure of the feather) and explanation of same by the editor.
1867. *Pterylography. 4to. pp. x+181. 10 pl. index. London.*
The present English translation by W. S. Dallas was edited by P. L. Selater who added footnotes of his own, with an appendix.
- NI WAN [16th cent.].**
n.d. *Ch'ün t'an ts'ai yü; An encyclopedic work, including notes on animals, insects, birds, etc., chüan 1. 29 × 16 cm. [G.]*
- NIZAMU'D DÛN AHMAD.**
1679. *Midmār-i-dānīsh. Treatise on the horse. 12mo. pp. 143. In Persian.*
MS. copy of a contemporary (MS.) work dedicated to Abbas II of Persia. The scribe invokes a curse on any one who misappropriates this copy.
ca. 1750. *Midmār-i-dānīsh. (Persian manuscript.) A treatise on the horse, its diseases and their treatment, on amulets for horses, etc.*
It was composed in A.D. 1660 and dedicated to Abbas II of Persia. A neat copy. Purchased in Shiraz, Persia, for the Blacker Library by W. Ivanow in Oct. 1928. There is also an earlier MS. copy in the Blacker Library.
- NOACK, TH. 1891-1901.** See STUHLMANN, F. L.
- NOBLE, G. K.**
1925. *The Evolution and Dispersal of Frogs. (Wanting.)*
A valuable monograph on amphibian zoogeography and development.
- NOBLE, HEATLEY.**
1898. *A list of European birds; including all those found in the western palaeartic area, with a supplement. 8vo. 66 fol. London.*
A list of European birds (with scientific and vernacular names) to 1898, printed on one side of paper only, leaving the opposite side for notes.
- NOBLEVILLE, ARNAULT DE LOUIS DANIEL [1701-].**
1751. *Aëdologie, ou, Traité du rossignol franc, ou chanteur. 12mo. pp. 7+156. 2 pl. T. of c. Paris.*
A rare and curious little book on the nightingale.
1759. *Aëdologia of verhandelng d. nachtegaal, etc. pl. Amsterdam.*
A Dutch translation of this popular work.
1773. *Aëdologie ou traité du Rossignol franc, ou chanteur, etc. Paris.*
A late edition of the rare (?) *editio princeps*, 1751.
- NORD-BOHEMISCH VOGEL- UND GEFLÜGELZEITUNG.**
1888-96. Vols. I-IX [all issued?].
This periodical (published by the *Ornitholog. Verein für d. nord. Böhmen in Reichenberg*) belongs to a numerous class of publications—half scientific, half popular—that have done much to spread a knowledge of ornithology among a whole people, and as such are deserving of encouragement by systematic naturalists.

- NORDENSKIÖLD, NILS ADOLF ERIK** [1832-1901].
 1881. The voyage of the Vega round Asia and Europe; with a historical review of previous journeys along the north coast of the Old world. Translated [from the Swedish] by Alexander Leslie. 2 vols. 8vo. Vol. I, pp. xxv+524. front. (portr.). 2 pl. 8 maps (fold., 1 col.). 521 figs. Vol. II, pp. xvii+482. front. (portr.). 1 pl. 2 maps (col. fold.). 132 figs. index. London.
 An interesting account of the voyage by which the North-East Passage was at last achieved, and Asia and Europe circumnavigated for the first time. There are many references to animals throughout the work.
1882. The voyage of the Vega round Asia and Europe. 1 vol. 8vo. New York.
 The American print of the London edition, 1881, identical contents, published in one volume.
- 1882-7. Vega-expeditionens vetenskapliga iakttagelser bearbetade af delatagare i resan och andra forskare. 5 vols. 8vo. illust. pl. tab. diagr. maps. Stockholm.
1885. Studien etc. . . . durch meine Reise im hohem Norden.
 A popular German account of the author's Vega voyages. Edition with a supplement.
- NORDENSKIÖLD, NILS ERIK** [1872-].
 1926. Die Geschichte der Biologie; ein Überblick [from the Swedish] by Guido Schneider. 8vo. pp. 8+648. Jena.
 A very important and useful review.
1929. The History of Biology. A Survey. Tr. from the Swedish by L. B. Eyre. 8vo. pp. 616. illust. index. London.
 A scholarly treatment of the subject by a competent writer, who reviews the progress of the science from the earliest to the latest times. Of much interest are his sketches (following in the footsteps of Goethe) of the lives and writings of many great naturalists, from Aristotle to Haeckel.
- NORDENSKJÖLD, NILS OTTO GUSTAF** [1869-].
 1905-date. Wissenschaftliche Ergebnisse der Schwedischen Südpolar-Expedition, 1901-3. 4to. Stockholm.
 Vol. V contains most of the zoological reports of this well-known Voyage. K. A. Andersson devoted (Lief. 2) 58 pages, 10 plates, and 2 col. maps to the higher antarctic fauna, issued in 1905; [A. J. E.] E. Lönnberg treated the birds (Lief. 5) in pp. 9 and the fishes (Lief. 6) in pp. 70 with 5 col. plates and a number of text illustrations, both reports published in 1905.
- NORDHOFF, CHARLES BERNARD** [1887-] and **HALL, J. N.**
 1921. Faery lands of the South seas, &c. See HALL, J. N. and NORDHOFF, C. B.
- NORDISKA NATURFORSKARE OCH LÄKAREMÖTET.**
 1903. Förhandlingar. Helsingfors.
- NORDISK TIDSSKRIFT FOR FISKERI;**
 ny Raekke af Tidsskrift for Fiskeri.
 1874-82. (All pub.) Kjøbenhavn.
- NORFOLK AND NORWICH NATURALISTS' SOCIETY.** Norwich, England.
 1869/74-date. Transactions.
- NORFOLK BIRD CLUB, CAMBRIDGE, MASS.** See WREN.
- NORGES SVALBARD OG ISHAVS-UNDER-SØKELSER.**
 1928-30. Skrifter om Svalbard og Ishavet. 4to. Oslo.
- NORQUET, ANATOLE DE MADRE DE** [-1898].
 1868. Études d'ornithologie européenne. Des races locales. 8vo. pp. 147. index. Lille.
 A scientific discussion of local avian races as observed in Europe. An excerpt of unknown origin from the Cabanis-Reichenow collection.
- NORMAN, HARRY** [1859-] and others.
 1919. Aviaries, bird-rooms & cages, their construction and furnishing. With the following appendices: Hints on cage making. By W. Laskey. Foreign bird-keeping in aviaries. By Wesley T. Page. 8vo. pp. 112. 52 figs. T. of c. 2 append. London.
 n.d. The British bird manual containing directions for hand-rearing, keeping and exhibiting the most popular British birds. 2 vols. 8vo. Vol. 1, pp. 6+93. 8 pl. 1 fig. Vol. 2, pp. 4+99. 9 pl. 4 figs. T. of c. London.
- NORMAN, J. R.**
 1931. A History of Fishes. 8vo. pp. 16+463. 9 pl. 147 text figs. London.
- NORRIS, J. PARKER.**
 1866. A catalogue of eggs in the cabinet of J. P. Norris. Privately printed. 8vo. pp. (4)+42 ll. Philadelphia.
- (K.) NORSKE FREDERIKS UNIVERSITET.** Christiania.
 1867-9. Aarsberetning.
- NORSK ORNITHOLOGISK TIDSSKRIFT.**
 Organ of the Norsk Ornithologisk Forening.
 1920-date. 4to. Editor: H. Tho. L. Schaanning, Stavanger, Norway.
 The first issues of this journal are unusually well printed and illustrated. Although most of the papers deal with Norwegian avifauna several describe other northern types. The Editor contributes several of the essays, including an account of a central observation station attached to the Stavanger Museum. Schaanning and C. E. Petersen also furnish short articles.
- NORTH, ALFRED JOHN.**
 1889. Descriptive catalogue of the nests and eggs of birds found breeding in Australia and Tasmania. 8vo. pp. 8+416. 21 pl. index. Sydney.
 Although dated 1889 this catalogue was not issued until 1890. A second, much enlarged edition (in 4 vols.) appeared in 1901-14. There are two appendices to this work always printed and bound with it.
1896. A list of the insectivorous birds of New South Wales. 8vo. pp. 18. 10 pl. (8 col.). Sydney.
 Describes species: (1) exclusively insectivorous, and, unless otherwise stated, beneficial; (2) those partially insectivorous, also beneficial; (3) those both insectivorous and frugivorous—more or less harmful. Part II was published in 1897 (q.v.).
1896. See HORN, W. A. Report on the . . . Scientific Expedition.
1897. A list of the insectivorous birds of New South Wales. Part II. 8vo. pp. (2)+12. 4 pl. (col.). Author's reprint. Sydney.
 A continuation (pt. 2) of the pamphlet commenced in 1896, and yet to be completed. From *Agricultural Gazette of N.S. Wales*, January 1897.
- 1901-9. Nests and Eggs of Birds breeding in Australia and Tasmania. 2 vols. (7 pts.). pl. Sydney.



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1904-7. Nests and Eggs . . . of Australian Birds.
Sydney.

A second edition containing vol. I and parts 1 and 2 of vol. II.

1914. See BR. ASSOC. AD. SCIENCE.

NORTH AMERICAN FAUNA. 1889-1930.
See UNITED STATES. DEPT. OF AGRICULTURE.
BIOLOGICAL SURVEY DIVISION. NORTH AMERICAN
FAUNA.

NORTHAMPTONSHIRE NATURAL HISTORY SOCIETY AND FIELD CLUB, NORTHAMPTON, ENGLAND. 1880-date.

NORTH CAROLINA. Geological Survey. 1893-1930.
Raleigh and Winston.

NORTH CHINA BRANCH OF ROYAL ASIATIC SOCIETY OF GREAT BRITAIN AND IRELAND. See ROYAL ASIATIC SOCIETY . . . NORTH CHINA BRANCH.

NORTHEASTERN BIRD-BANDING ASSOCIATION BULLETIN. 1922-date. Vols. I-V.
Boston, Mass.

NORTHROP, JOHN I. [1861-91]. 1910. A naturalist in the Bahamas: John I. Northrop, October 12, 1861-June 25, 1891; a memorial volume, ed., with a biographical introduction by Henry Fairfield Osborn. *Svo. pp. xv + 281. front. (portr.). 36 pl. (2 col., 1 fold.). 1 map. 13 figs. index.*
New York.

NORTH STAFFORDSHIRE FIELD CLUB. 1866-date. Transactions and Annual Report.

NORTHUMBERLAND. See NATURAL HISTORY SOCIETY OF NORTHUMBERLAND.

NORTHUMBERLAND SEA-FISHERIES COMMITTEE.

Dove Marine Laboratory, Cullercoats.
1896-1911. Report on Scientific Investigations.

1912-date. Report.

NORTHWESTERN ORNITHOLOGICAL ASSOCIATION. See OREGON NATURALIST.

NORTON, A. H. 1901. Birds of the Bowdoin Expedition to Labrador.
Portland, Me.
Author's extract.

NORWEGIAN NORTH-ATLANTIC EXPEDITION, 1876-8.
1880-7. Pts. I-XVIII in 20. *4to.*

NORWEGIAN NORTH POLAR EXPEDITION, 1893-6.
1900-6. (The) Norwegian north polar expedition, 1893-1896. Scientific results. See NANSEN, F.

NORWELL, J. STEWART and SMITH, W. R. n.d. Illustrations of zoology. See SMITH, W. R. and NORWELL, J. S.

NOS OISEAUX. 1913-30. Bulletin de la Société Romande pour l'étude et la Protection des Oiseaux. Published

by Alfred Richard. Neuchâtel, Switzerland, generally six times a year. Often double numbers. *illustr.*

This periodical, as its title indicates, is one of several Swiss magazines devoted to the protection of local birds and to the study of popular ornithology. Contributions are by local naturalists and the journal is well edited and printed.

NOTES FOR OBSERVERS [in ornithology]. ? 1918-23. Dept. of Agriculture, State of Massachusetts. E. H. Forbush, Director of Ornithology and Editor. Issued as a supplement of *Items of interest* (q.v.). Discontinued on March 15, 1923. Mimeographed. Dated but not numbered.

Although hardly rising to the dignity of a scientific periodical yet these 'Notes', having been issued regularly and containing much useful and interesting material, find a place in this *Catalogue*.

NOTES AND QUERIES FOR NATURALISTS. 1857.
London, Rochester.

NOTES ON RHODE ISLAND ORNITHOLOGY. Pub. in Bristol, R.I. Edited by Reginald Heber Howe, Jr., Brookline, Mass. Quarterly. *3 vols. Svo. 1900-2.* (All pub.)

The purpose of this short-lived journal, as stated in one of its title-pages, is 'Furthering interest in ornithology in the State of Rhode Island'. The scheme, so far as it was carried out, was realized in several well-chosen papers on local avifauna.

NOTIZEN AUS DEM GEBIETE DER NATUR- UND HEILKUNDE. Erfurt, Weimar. 1821-36. Series 1.

1837-46. „ 2.

1847-9. „ 3.

Continued as *Tagsberichte über die Fortschritte der Natur- und Heilkunde*.

NOTT, JOHN FORTUNÉ. 1886. Wild animals photographed and described. *4to. pp. 568. 43 illust.*
London.

The author, a Major in the Canadian militia, describes and pictures mostly animals that inhabit the Dominion.

NOTTINGHAM NATURALISTS' SOCIETY. 1886-90. Transactions and Annual Report.

NOUVEAU DICTIONNAIRE D'HISTOIRE NATURELLE APPLIQUÉE AUX ARTS ETC. 1816-19. *36 vols. Svo. Second edition. Illustr.*
Paris.

A very important work of reference. The first edition was issued 1803-4.

NOUVELLES ARCHIVES DU MUSÉUM D'HISTOIRE NATURELLE DE PARIS. 1865-74. 1st Ser. 1-10.

1875-88. 2nd Ser. 1-10.

1889-98. 3rd Ser. 1-10.

1899-1908. 4th Ser. 1-10.

1909-30. 5th Ser.

NOVARA, VOYAGES OF THE. 1864-75. *Zoologischer Theil. 2 vols. 4to.*
Wien.

A very important report. Säugethiere, J. Zelebor; Vögel, A. von Pelzeln; Reptilien u. Amphibien, F. Steindachner; Fische, R. Kner.

NOVA SCOTIAN INSTITUTE OF SCIENCE. Halifax.

1863/6-date. Proceedings and Transactions.

1863-90. As Proc. and Trans. of Nova Scotian Inst. of Natural Science.

NOVITATES ZOOLOGICAE. (Tring, England, Zoological Museum.) 1894–date.

London.

A very important and useful journal, admirably edited and illustrated. On the editorial staff have been Lord Rothschild, Ernst Hartert, and K. Jordan.

NOVOROSSIŬSKOE OBSHCHESTVO ESTESTVOĬSPYTATELEĬ.

Odessa.

1873–4. Protokoly.

1872–date. Zapiski.

French title: Société des Naturalistes de la Nouvelle Russie.

NOZEMAN, CORNELIS [1721–85?] and others.

1770–1829. *Nederlandsche vogelen; volgens hunne huishouding, aert, en eigenschappen beschreeven door Cornelius Nozeman . . . Alle naer 't leven geheel nieuw en naeuwkeurig geteekend, in 't koper gebragt, en natuurlyk gekoleurd door, en onder opzicht van Christiaan Sepp en zoon. 5 pts. folio. 200 col. pl.* Amsterdam.

An important, popular, and apparently the first comprehensive work on the birds of Holland, with hand-colored plates of all the species and in some cases the nests and eggs as well. It was begun by Nozeman and Christian Sepp. After the death in 1789 of the former it was completed by Houttyn. The copy in hand is incomplete.

NUBLING, E.

1921. The satin bower bird . . . some observations. *Svo. pp. 27. front. 6 figs.* Author's reprint from the *Emu*, 1921. Melbourne.

A very interesting account of the building of bird bowers, and the behaviour of the birds in them. Autographed copy from the author to Dr. Casey Wood.

NUNQUAM OTIOSUS. 1870–80. (All pub.)

Dresden.

This periodical was the organ of the *Dresdener Gesellsch. für Bot. und Zoologie*.

NUOVI ANNALI DELLE SCIENZE NATURALI.

Bologna.

1838–54. *Continues Annali di Storia Naturale.***NUREMBERG.** See NÜRNBERG.**NÜRNBERG. Naturhistorische Gesellschaft.** 1852–1924. *Abhandlungen.*

1889–1930. *Jahresbericht.* (1906–13 not published; in their places *Mitteilungen* 1–7. All pub.)

NURUL-LAH YĀR JĀNĪ.

ca. 1760. *Bāz-nāma. 4to. ff. 112. 12 col. illust.* Persian MS. A detailed treatise on falconry.

This rare manuscript is a copy of a still earlier script, based on the writer's personal experiences, he having been chief falconer at the court of Bahadur Shah Muhammed Muazzam, son of the Emperor Aurangzeb.

NUTSHELL SERIES.

A dozen or more tracts by practical aviarists on our commoner cage birds, with instructions as to their care.

NUTTALL, THOMAS [1786–1859].

1832–4. A manual of the ornithology of the United States and of Canada. *The Land Birds. Cambridge, 1832. The Water Birds, Boston, 1834. 2 vols. 12mo. Vol. 1, pp. viii+693. 53 woodcuts. index. Vol. 2, pp. vii+627. 61 woodcuts. append. index.*

The original edition of Nuttall's work, one of the early landmarks in the history of American ornithology, with descriptions of the birds, their habits, etc., based partly on the author's observations and partly on the writings of Wilson, Audubon, and others. A second edition of vol. I was issued in 1840.

1840. A manual of the ornithology of the United States and of Canada. 2nd ed., with additions. *The land birds. pp. viii+832. 53 woodcuts. append. index.* Boston.

A revised edition of the first volume of the earlier work of the same title, with 'A good many new species, and many additional observations, derived from my friend Audubon, as well as the result of a journey made by myself and Mr. Townsend across the continent to the coast of the Pacific'. The second volume often found associated with this one (as in the present case), either is a copy of the original edition or is printed from the original plates without alteration of any kind, including the date.

**** and **CHAMBERLAIN, MONTAGUE.**

1891. A popular handbook of the ornithology of the United States and Canada; based on Nuttall's Manual. By Montague Chamberlain. Vol. 1. *The Land Birds. Vol. 2. Game and Water Birds. 2 vols. 8vo. Vol. 1, pp. xviii+473. front. (col.). 88 woodcuts. Vol. 2, pp. vii+431. front. (col.). 86 woodcuts. index.* Boston.

The woodcuts in many cases are copied from Yarrell's *History of British Birds*, 1837–43; some of them are new. There is a later edition of the same work.

1894. A popular handbook of the ornithology of eastern North America, by Montague Chamberlain. *2 vols. 8vo.*

These volumes are textually and otherwise identical with the edition of 1891, except that the title-page is changed as above. The editor seems to have eased his literary conscience by printing on the half-title-page 'Ornithology of the United States and Canada', an instance, one might observe, where the old name of 'bastard-title' seems particularly appropriate.

[1903]. (A) popular handbook of the birds of Canada and the United States. New revised and annotated edition by Montague Chamberlain. *2 vols. 8vo. Vol. 1, pp. xliii+473. front. (col.). 9 pl. (col.). 87 woodcuts. Vol. 2, pp. ix+431. front. (col.). 9 pl. (col.). 86 woodcuts. index.*

Toronto.

This new edition differs from that of 1894 in its title, in the elimination of the preface, and the addition of 20 colored plates representing 105 species of birds; the letterpress is the same.

NUTTALL ORNITHOLOGICAL CLUB, CAMBRIDGE.

Mass.

1886–date. *Memoirs.*1876–83. *Bulletin.* Continued as *The Auk*.**NUYENS, A.**

1886. *De vogelwereld; handboek voor liefhebbers van kamer- en parkvogels. 2 vols. folio. Vol. I, pp. 14+156. 27 pl. 157 col. lith. Vol. II, pp. 4+100. 22 pl. 109 col. lith.* Gröningen.

This rare Dutch work is not listed in any of the usual catalogues. It is quite above the average of popular treatises on cage birds and other species known to dealers. So far as the Compiler can learn only two volumes were issued.

NUZHAT-NĀMA-I-'ALA'I. See SHĀMARDĀN

B. ABĪ'L-KHAYR, 1404.

NYT MAGAZIN FOR NATURVIDENSKABERNE.

Oslo.

1836–74. Series 1.

1875–81. „ 2.

1882–date. „ 3.

Continues *Magazin for Naturvidenskaberne*.**OATES, C. G.**

1889. *Matabele land and the Victoria Falls, etc.* See OATES, FRANK.

Musbaum, 1890. Anatom. Untersuch. an caligou. Cirripedien. 12 pl. Bonn.

Oates. E. W. 1898. Manual of the Game Birds of India. 12mo. Pt. 1. Land Birds. pp. 431. Index. Bombay

Gift of Hugh Gladstone to S. W. Library -

OATES, EUGENE WILLIAM [1845-].
1883. A handbook to the birds of British Burmah, including those found in the adjoining state of Karennee. 2 vols. 8vo. Vol. 1, pp. 8+431. Vol. 2, pp. xxx+493. map (col. fold.). addend. index. London.

Detailed descriptions of habits, distribution, and bibliographic references to 780 species.

1889-90. The nests and eggs of Indian birds. See HUME, A. O.

**** and **BLANFORD, WILLIAM THOMAS.**
1889-98. The Fauna of British India, including Ceylon and Burma. **Birds**, vols. 1-2, Oates; vols. 3-4, Blanford. 4 vols. 8vo. Vol. 1, pp. xx+556. 171 figs. 2 indexes. Vol. 2, pp. x+407. 107 figs. 2 indexes. Vol. 3, pp. xiv+450. 106 figs. 2 indexes. Vol. 4, pp. xxi+500. 127 figs. bibliogr. append. 2 indexes. London.

The ornithological numbers of a series of eight volumes, including two on fishes, one on reptiles and batrachians, one on mammals, and the present four on birds, which contain a complete account of the birds of India, Ceylon, and Burma, with habits, plumages, and distribution, etc., of the various species. A second edition on the birds, revised by E. C. Stuart Baker, was begun in 1922 and is still in course of publication.

1901-12. Catalogue of the collection of birds' eggs in the British museum . . . [Vols. 1-4 compiled by E. W. Oates.] See BRITISH MUSEUM (NATURAL HISTORY).

OATES, FRANK [1840-75].
1882. Matabele land and the Victoria Falls. See SHARPE, R. B.

**** and **others.**
1889. Matabele land and the Victoria Falls; a naturalist's wanderings in the interior of South Africa, from the letters & journals of the late Frank Oates . . . Ed. by C. G. Oates. 2nd ed. pp. xlix+433. front. (portr.). 22 pl. (19 col.). 4 maps (1 col.). 41 figs. append. index. London.
 Originally published in 1881, the present edition containing much additional matter, especially on birds by Bowdler Sharpe.

OBER, FREDERICK ALBION [1849-].
1880. Camps in the Caribbees: the adventures of a naturalist in the Lesser Antilles. 8vo. pp. xviii+366. 33 figs. append. Boston.

An exploration of these islands with the especial view of studying their bird life. Supposed new species are placed in an Appendix, pp. 347-66.

1899. Camps in the Caribbees. Boston.
 Second edition, practically identical with the first edition.

OBERHESSISCHE GESELLSCHAFT FÜR NATUR- UND HEILKUNDE. Giessen.
1847-1905. Bericht.

1904/6-30. Naturwissenschaftliche Abteilung.

OBERHOLSER, HARRY CHURCH [1870-].
1899. The flammulated screech owls. *Megascops flammeolus* (Kaup) and *Megascops flammeolus Idahoensis* Merriam. 8vo. pp. 16. Author's excerpt.

An attempt to show that the flammulated group either exhibits a surprising range of individual variation, or will at some future time be found separable into several more or less well segregated geographical races. The present material (17 specimens of these rare little Owls) is, however, entirely inadequate to warrant such division.

1905. Birds collected by Dr. W. L. Abbott in the Kilimanjaro region, East Africa. 8vo. pp. 116. Author's reprint. Washington.

1905. Notes on the mammals and summer birds of Western North Carolina. 8vo. pp. 24. bibliogr. Biltmore, N.C.

An annotated list of the 136 species.

1905. Outline of a classification of North American birds. For the use of students. 8vo. pp. 4. Biltmore, N.C.

1914. A monograph of the genus *Chordeiles* Swainson, type of a new family of goatsuckers. 8vo. pp. vii+123. 2 pl. 4 maps. index. (U.S. National Museum.) Washington.

1917. The birds of the Anamba Islands. 8vo. pp. v+75. index. Washington.

Author's reprint (Bulletin 98 of the Smithsonian Institution) describing the avifauna of the islands from 212 birds secured by Doctor Abbott during two visits to the islands in 1899 and 1890.

1917. The great plains waterfowl breeding grounds and their protection. (*Yearbook of the Department of Agriculture*, 1917.) 8vo. pp. 10. 2 pl. Washington.

**** and **McATEE, W. L.**
1920. Waterfowl of Nebraska. pp. 40. Washington.

An admirable paper, forming Bulletin 794 of the U.S. Biological Survey.

OBSERVATEUR NATURALISTE. 1904? Quebec.

OBSERVER. (Agassiz Association.) 1890-7. Portland, Conn.

OBSERVER OF NATURE. (Kansas University Natural History Society.) 1871-6. (All pub.) Lawrence, Kansas.

OBSHCHESTVO LIUBITELEĬ ESTESTVOZANANIĀ, ANTROPOLOGĬI I ĖTNOGRAFIĬ, MOSCOW. Moscow Universitet.
1866-1910. Izvĕstĭiĭ.

1861-date. Otchet.

French title: Société Impériale des Amis des Sciences Naturelles, Anthropologiques et Ethnographiques, Moscow.

O'DONOGHUE, CHARLES HENRY [1885-].
1920. An introduction to zoology for medical students. 8vo. pp. x+501. 178 figs. index. London.

OFFICE SCIENTIFIQUE ET TECHNIQUE DES PĈCHES MARITIMES. Paris.
1920-date. Notes et Mémoires.

OGAWA, MASATAKA.
1905. Notes on Alan Owston's collection of birds from the islands lying between Kiushu and Formosa. 4to. pp. 58. 3 col. pl. Tokyo.
 Author's reprint. This valuable report is based on 1,669 skins—95 genera and 124 species.

OGĖRIEN, (?)
1863-7. Histoire naturelle du Jura, etc. 3 vols. 8vo. illust. Paris.
 The author who modestly suppresses his full name, contributes in the third volume an account of the zoology of this French department.

OGILVIE, FERDINAND MENTEITH [1861-1918].

1920. Field observations on British birds, by a sportsman naturalist. 4to. pp. xvi+228. 6 pl. (2 col.). 14 figs. 3 maps (1 fold.). *index*. London.

[1920]. Field observations on British birds.

London.

A new 'edition', identical with the first printing.

OGILVIE-GRANT, WILLIAM ROBERT [1863-]. 1879-1915. See GODMAN and SALVIN, *Biologia Americana*.

1895-7. (A) hand-book to the game-birds. 2 vols. 8vo. Allen's Naturalist's Library. Ed. by R. Bowdler Sharpe. Vol. I, pp. xiv+304. 20 col. pl. 12 figs. *append.* 2 *indexes*. Vol. II, pp. xiv+316. 18 col. pl. 2 *append.* 2 *indexes*. London.

1896-7. (A) hand-book to the game-birds. 2 vols. 12mo. (Lloyd's Natural History, edited by R. Bowdler Sharpe.) London.

This edition differs from that of 1895-7 in having six extra colored plates; otherwise the whole of the text is identical with the two volumes of *Allen's Naturalist's Library* of the same date.

1901-12. Catalogue of the collection of birds' eggs in the British museum. See BRITISH MUSEUM (NATURAL HISTORY).

1905. Report on the birds [of the Siamese Malay states]. (Fasciculi Malayenses.) 4to. pp. 6+60.

London.

A descriptive catalogue of the birds taken during an expedition undertaken by Nelson Annandale and Herbert C. Robinson. The volume in hand has a special title and is an 'Author's Advance Copy'.

1905. Guide to the gallery of birds in the Department of Zoology of the British museum (Natural history). 8vo. pp. 5+228. 24 pl. *index*. London.

1905-14. Genera Avium. See WYTSMAN, PAUL.

1910. Aves [with an] appendix on some points in the anatomy of *Bradypterus cinnamomeus* by W. P. Pycraft. folio. pp. 208. 10 col. pl. (*Zoological Soc. Transactions*, vol. 19, pt. 4; Ruwenzori Expedition.) London.

Of the collections of animals formed during this expedition probably none was so complete as that of the birds, no less than 385 species being obtained and described. Of these, 27 were new, some of which are figured in the beautiful colored illustrations by Grönvold.

1912. General index to the hand-list of the genera and species of birds. [Nomenclator avium tum fossilium tum viventium.] 5 vols. pp. 4+200+30.

London.

This is a corrected index to Sharpe's *Hand-list* (1899-1909) and, as such, is one of the most valuable of the many works of reference issued by the authorities of the British Museum.

[1914]-16. Reports on the collection made by the British Ornithologists' Union Expedition and the Wollaston Expedition in Dutch New Guinea, 1910-13. 2 vols. 4to. *illustr.*

London.

The reports on vertebrate zoology form part of the first volume, O. Thomas dealing (1914) with the mammalia, also published in the *Trans. Zool. Soc. Lond.*, vol. xx, pp. 315-24. The Editor dealt with the birds (see *Ibis*, 1915, Jubilee Supplement 2), pp. 240, 8 col. pl.; G. A. Boulenger gave 'An Annotated List of the Batrachians and Reptiles', published in the *Trans. Zool. Soc. Lond.*, vol. xx, pp. 247-65, 4 pl., 1914; and a 'Report on the Freshwater Fishes' by C. T. Regan, *Trans. Zool. Soc. Lond.*, 1914, xx, pp. 276-86, 1 pl.

1921. Guide to the gallery of birds in the department of zoology, British Museum (Natural history). 3rd ed. 8vo. pp. 4+163. 25 pl. London.

OGILVIE, WILLIAM ROBERT GRANT. See OGILVIE-GRANT, WILLIAM ROBERT.

OHIO ACADEMY OF SCIENCE. Columbus. 1899-1902. Special Papers. (All pub.)

1892-1902. Annual Report. (All pub.)

1892-1930. Proceedings.

After 1902 the *Annual Reports* and the *Special Papers* are included in the *Proceedings*.

OHIO JOURNAL OF SCIENCE. Columbus. 1900-date. Nos. 1 and 2 as Ohio State University Naturalist. No. 3 as Ohio Naturalist.

OHIO NATURALIST. See OHIO JOURNAL OF SCIENCE.

OHIO, STATE OF.

1882. Report of Progress, 1873-1906. Vols. I-VIII. 8vo and folio. Vol. IV. Zoology. pp. 8+1020. (Wanting.) Columbus.

Although a State government report and not (as a rule) within the purview of these annotations its value as a local account of the vertebrate zoology of middle North America is so great that the Compiler wishes to refer to the extended descriptions there given of these subclasses by well-known authorities.

The report on Mammals is furnished by A. W. Brayton; Birds by J. M. Wheaton; Reptiles and Amphibia by W. H. Smith; Fishes by D. S. Jordan.

OHIO STATE UNIVERSITY. Department of Zoology and Entomology.

1899-date. Contributions.

L'OISEAU. Organ of the Société Nationale d'Acclimatation de France.

1920-30. Monthly. 8vo. *illustr.* Paris.

This periodical forms the second part of the *Revue d'Histoire naturelle appliquée*. Among the contributors are P. Carié, N. Mayer, D. Seth-Smith, J. Delacour, and other prominent ornithologists. The editorial conduct of *L'Oiseau* is directed by M. J. Delacour, the President of the Section on Ornithology.

(LES) OISEAUX; description des principales espèces des oiseaux d'Europe. n.d. See ANONYMOUS.

OKEN, LORENZ [1779-1851].

1817-48. Oken's Isis. See ISIS VON OKEN. 4to. 32 vols.

1833-41. Allgemeine Naturgeschichte für alle Stände. 7 vols. (often bound in more). 8vo.

Stuttgart.

Vols. IV-VII of this rare and important serial are devoted to the *Thierreich* (1833-8) and is an admirable treatise. The present title was followed (as supplements) by a *Universal Register* (1842) and *Abbildungen* (1843). A complete file of Oken's fundamentals are in the Blacker Library.

1842. Universal Register. (Allgemeine Naturgeschichte für alle Stände.) 8vo. pp. 468.

Stuttgart.

The above is often published separately from the author's *All. Naturgesch. f. alle Stände*, to which it properly belongs.

1843. Abbildungen, etc. (Allgemeine Naturgeschichte f. alle Stände.) 2 vols. folio. 164 col. pl. with descriptive letterpress.

Stuttgart.

An Atlas illustrating the above title, and sometimes published separately from it.

1843. Lehrbuch der Naturphilosophie. 8vo. pp. 12+523.

Zürich.

The above is the third edition of a classic treatise which was succeeded by several manuals and other treatises on general natural history by this famous authority.

1880. See ECKER, A.

← Ogilby, John. 1671. America: being the latest, and most accurate description of the New World... The whole adorned with the most crude and entertaining plates and illustrations of the Indians, animals... Folio, London.

18/8

→ Quaud, How to know the Orkney birds.

→ Oliveira, P. d. ¹⁸⁹⁶ Aves da Península Ibérica e especialmente de Portugal. 202 p.
↳ Oliver, ^{W.R.B.} ~~M.H.~~ 1932. New Zealand Birds. Wellington.

OKLAHOMA.

1911-30. Publications of the University. Biological Survey, 1929. *Norman, Okla.*

Occasional papers on vertebrates. Vol. II, No. 3, contains a systematic, illustrated review of the Woodpeckers of Oklahoma by Edward Drane Crabb, pp. 105-70.

OKLAHOMA ACADEMY OF SCIENCE.

1910-30. Proceedings.

OLDHAM, CHARLES and COWARD, T. A.

1910. The mammals and birds of Cheshire. *See* COWARD, T. A.

1920. A practical handbook of British birds. *See* WITHERBY, H. F.

OLDS, H. W.

1900. Laws regulating the transportation and sale of game. *See* PALMER, T. S.

1901. Digest of game laws for 1901. *See also* PALMER, T. S.

OLDYS, HENRY.

1910. Pheasant raising in the United States. With a chapter on diseases of pheasants, by George Byron Morse. 8vo. pp. 40. 17 figs. *T. of c. Washington.*

Author's separate from *Farmer's Bulletin*, U.S. Dept. of Agriculture, No. 390.

OLEARIUS, ADAM [1599-1671].

1674. Gottorffische Kunst-Kammer worinnen allerhand ungemeyne Sachen, so theils die Natur, etc. 4to. pp. 10+80. 36 pl. (Wanting.) *Schleswig.*

The description (by an early traveller) of a Schleswig (Danish) Museum; of interest because it contained among the 'Ungemeyne Sachen' a number of preserved animals. The work is very rare.

OLFERS, IGNAZ FRANZ JOSEPH MARIA VON [1793-1872].

1816. De vegetativis et animatis corporibus... animatis reperiundis commentarius. Pars I. 8vo. pp. 6+112. pl. *Berolini.*

OLINA, GIOVANNI PIETRO.

1622. Uccelliera; ovvero, Discorso della natvra e propriet  di diversi vccelli, e in particolare di que' che cantano; con il modo di prendergli, conoscergli, alleuargli, e mantenergli. 8vo. pp. 8+77 ff. 66 pl. text-figs. *Roma.*

The first (rare) edition of a famous work on birds, their habits, and methods of capturing some of them; with directions for their subsequent care and culture. The work is illustrated by numerous well-made etchings.

1684. Uccelliera; ovvero, Discorso della natura. etc. 2nd ed. *Roma.*

OLIVER, SAMUEL PASFIELD [1838-].

1909. Life of P. Commerson. Edited by G. F. S. Eliot. 8vo. *illust. London.*

OLIVER, W. R. B.

1930. New Zealand Birds. 5 col. pl. 200 figs. in text. *Wellington, N.Z.*

Although appealing to the popular taste, this treatise by the Director of the Dominion Museum, Wellington, N.Z., is a scientific production, describing systematically every extinct, naturalized, indigenous, and migrant species. An important section gives a general key to the avifauna while their relations to both the Europeans and the Maori are specially considered.

OLIVIER, LOUIS. 1872. *See* CARUS, J. V.

OLPHE-GAILLARD, VICTOR AIM  L ON [1825?-93].

1884-91. Contributions   la faune ornithologique de l'Europe occidentale. 4 vols. 8vo. *Bayonne.*

A systematic monograph on the birds of western Europe. Issued in 40 fascicles, each separately numbered.

1896. Faune ornithologique de l'Europe occidentale. 2nd ed. 4 vols. 8vo. Vol. I, 13 fasc. Vol. II, 8 fasc. 2 pl. Vol. III, 9 fasc. 1 pl. Vol. IV, 10 fasc. *Paris.*

ONTARIO NATURAL SCIENCE BULLETIN. (Wellington Field Naturalists' Club.) 1905-13. Guelph.**ONTARIO. Provincial Museum.**

1905. Check list of the vertebrates of Ontario and catalogue of specimens. *See* NASH, C. W.

ONZE GEVEDERDE VRIENDEN. Tijdschrift voor Vogelliefhebbers, Kweekers en Handelaars.

1882-4. 3 vols. (or more?). *Amsterdam.*
This popular journal was merged in another periodical.

ONZE GEVLEUGELDE VRIENDEN. Weekblad voor Liefhebbers en Kweekers van Pluimgedierte en vereder Dierensport, onder redactie van eenige Deskundigen en Liefhebbers. folio. Weekly. Popular magazine (illustrated). Nieuwe-Niedorp, Holland.

According to *Naturae Novitates* (an average of) 52 numbers yearly were issued between 1893 and 1913. Martinus Nijhoff of The Hague says that in 1913 it was merged with another periodical, *De Pluimgraaf*, then issued, until 1918, by the *Algemeene Uitgevers-Maatschappij* at Amsterdam.

ONZE VOGELS. 1883-7? Soest.**OOLOGIST.**

1875-81. Vols. 1-5. 8vo. (All pub.) Edited and published by S. L. Willard & Co. *Utica, N.Y.*

This rare journal is generally known among bibliographers as the 'Utica Oologist', to distinguish it from others of the same name. It was well illustrated both by black and colored drawings and did credit to the science and art it represented. Among its many contributors appear the names of C. A. Morse, W. T. Allen, A. W. Butler, E. Ingersoll, J. P. Norris, C. J. Maynard, and J. H. Severance.

OOLOGIST, THE. Devoted to the Study of Birds, their Nests and Eggs. Edited by F. C. Green, W. S. Burnham and L. H. Cannon.

1878. Vol. I. No. 1. 8vo. Continued as the *Western Oologist. Milwaukee, Wis.*

OOLOGIST, THE. On the Nesting Habits and Eggs of North American Birds.

1884-?1930. Vols. 1-47. *illust. covers, indexes and supplements. Albion, New York.*

T. J. Fitzpatrick, Bethany, Neb., writes: 'The Oologist began as *The Young Oologist*. Vol. I, 12 (monthly) numbers. May 1884-April 1885, published at Gaines, N.Y. Vol. II, nos. 1 and 2, May to June 1885 were then issued at Albion, N.Y. Vol. III was subsequently published as a bimonthly, entitled *The Oologist*. Ernest H. Short was Editor and Manager, Chili, N.Y., in 1905. R. Magoon Barnes, Lacon, Ill., is the present (1922) Editor.'

OOLOGIST'S ADVERTISER, THE. A monthly paper devoted to the study of Birds, their Nests and Eggs. Chas. H. Prince, Editor and Publisher.

1890. 8vo. (All pub.) *Danielsonville, Conn.*

OLOGISTS' EXCHANGE, THE. A Monthly for Ornithologists and Oologists.1888-90. Monthly. *8vo. illust.* T. Vernon Wilson. *Austin, Ill.*F. L. Burns furnishes these notes: Vol. I, 1888, Nos. 1-12, Jan.-Dec. pp. 52. Nos. 8-10 issued by Dickinson and Durkee, Sharon, Wis. Vol. II, Nos. 1-11, Apr. 1889-Feb. 1890. pp. 44. *illust.*, issued by Arthur E. Pettit, New York. Suspended. Notes on ornithology contributed by F. C. Baker, W. E. Hillman, Le Grand J. Meyer, T. G. Pearson, E. B. Webster, and others.**OLOGIST'S EXCHANGE AND MART.**

Monthly. Kenneth L. Skinner, Editor, Brooklands Estate Office, Weybridge, England. 1919-21.

This periodical was first issued as a private, confidential, commercial enterprise and limited to a selected list of Oologists. In 1921 the scientific portion of the magazine was enlarged and the commercial excerpts and circulars published separately. With this new departure the periodical has undergone a change of name to *The Oologists' Record* (q.v.), the *Exchange and Mart* being published as a Supplement.**OLOGIST'S JOURNAL, THE.** A Monthly Magazine devoted to Ornithology and Oology. Ed. and pub. by Fred. W. Stack.1891-2. (Suspended.) 2 vols. *8vo.* *Poughkeepsie, N.Y.*F. L. Burns reports: Vol. I, 1891, Nos. 1-3, Jan.-March. pp. 12. Vol. II, 1892, Nos. 1-3, Jan.-April. pp. 12 (all issued). 1 and 2 (Jan.-March) were double nos.; J. W. Peck, Associate Editor. Pub. by Stack and Peck. With the final number this short-lived journal was merged with the *Sentinel Magazine*. It contains notes by I. U. Kinsey, J. W. P. Smithwick, and others.**OLOGIST'S NOTES, THE.** Ed. by Herbert A. Carhart.Vol. I, Nos. 1 and 2, April and May, 1886. *8vo. illust.* (All issued.) *Collamer, N.Y.***OLOGIST'S RECORD, THE.** A Quarterly Magazine devoted to the advancement of Oology in all parts of the world. *8vo. pp. 24 each number.* Edited by Kenneth L. Skinner. 1921-30.

This periodical contains scientific papers of interest and value. Among the contributors, apart from the Editor, are Capt. C. R. S. Pitman, Capt. W. M. Congreve, and H. Kirke Swann. See also THE OOLOGIST'S EXCHANGE AND MART, the forerunner of the periodical.

OORDT, G. J. VAN and VERWEY, JAN.1925. Voorkomen en trek der in Nederland in het wild waargenomen vogelsoorten. *8vo. pp. x+96.* *Leiden.*

Synopsis of the avifauna of Holland, with notes on occurrence and migration, 349 species and subspecies being listed.

OORT, EDUARD DANIEL VAN [1876-].

1906-1930. See WICHMANN, C. E. A.

1918-22. Ornithologia neerlandica. De vogels van Nederland. 3 vols. *folio. 260 col. pl.* Vol. I, 1918, pp. *xiii+250. 87 col. pl. 2 text-figs.* Vol. II, 1919-20, pp. 96. *pl. 88-189.* Vol. III, 1922, *no text. pl. 190-260.* 's Gravenhage.

To be completed in five volumes, 27 parts having been published to 1922. The colored plates are unusually fine, and the work is a most creditable treatise on the avifauna of Holland.

OPORTO. See ANNAES DE SCIENCIAS NATURAES.**OPPIANUS.**1508. Alieuticon seu de Piscibus libri. 4to. 74 ll. *Impressum Venetiis.*

The extremely rare second edition of this famous poem on fishes, the first edition having been published at Florence in 1478. The present volume is possibly unique; at least it is not mentioned by Brunet nor is it listed in any of the usual catalogues.

1515. 'Οππιανου 'Αλιευτικων Βιβλια πεντε. Oppiani de natura seu venatione Piscium libri quinque. *8vo. pp. 140.* *Florentiae.*The *Cat. Br. Mus. (Nat. History)* lists this title as the *editio princeps*, but there is a still earlier quarto edition, also published in Florence.1534. Oppiani poetae Alieuticon, sive de piscibus libri quinque e graeco traducti . . . sequuntur disticha ultra centum de rebus variis . . . auctore L. Lippio . . . interprete labororum quinque Oppiani C. Plinii Secundi naturalis historiae libri duo . . . de . . . piscibus. P. item Jovii de piscibus liber unus . . . Hos . . . auctores J. Caesarius . . . recognovit, castigavit simulque et scholiis passim explanavit. *8vo. pp. 6+152 ff.* *Argentorati.*

A rather rare edition of the poet Oppian on Fishes and other subjects.

1722. Oppian's Halieuticks of the Nature of Fishes and fishing of the ancients in V books. Translated from the Greek. 4to. *pp. 8+13+232.* *Oxford.*The labor of translating this Greco-Roman author was divided between Mr. Diaper (Pt. 1, Books I and II) and John Jones (Pt. 2, Books III to V). The latter contributor also wrote an account of Oppian's life and writings and compiled a catalogue of his Fishes. Dean's *Bibliography of Fishes* says that 'of all the ancient writers on fish and fishing, Oppian is easily the most important'. The contests between rival factions in the sea are amusingly drawn in the lines relating to the Lobster, the Lamprey, and the Preke (octopus). The remarkable color-changes of the last named were well known to the ancients (Book II).With scornful smile the Lamprey seems to speak,
And thus insults the Colour-changing Preke.1786. Poemata de venatione et piscatione cum interpretatione latina et Scholiis. (Greek and Latin.) *folio. pp. 42+243.* *Argentorati.*1864. Della pesca e della caccia. Tradotto dal greco etc. da Antonmaria Salvini. Nova edizione . . . della notizie per G. A. Greenhill. *12mo. pp. 22+430. indexes.* *Milano.*

A very compact rendering into Italian of Oppian's well-known poems on fishing and hunting, with a supplementary list of the (Italian) vulgar names of the fishes, birds, and other 'game' referred to in the original.

ORBIGNY. See D'ORBIGNY.**ORD, GEORGE** [1781-1866].

1813-14. American Ornithology . . . [Vols. VIII and IX, edited, with a memoir of the author, by G. Ord.] See WILSON, ALEXANDER.

1828-9. Another edition. With a sketch of the author's life by George Ord.

1831. Another edition [including Bonaparte's American ornithology].

1831. Another impression of the same date.

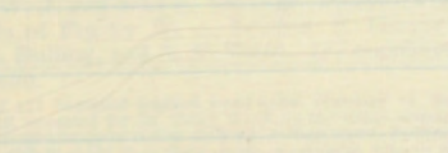
1832. Another edition.

1854. Another edition with a synopsis by T. M. Brewer.

1878. Another edition.

The foregoing titles, representing the author's contributions to Wilson's *American Ornithology*, are practically identical, so far as Ord's material is concerned. Each one, however, is of interest to the bibliographer and student because of the added notes, etc.1894. North American Zoology. [A reprint of] with notes and appendix by S. N. Rhoads. *8vo. pp. 171.* *Haddonsfield, N.J.*The extremely rare original appeared in Guthrie's *Geography*, 1809 (also 1815 and 1820), and the reprint (an exact reproduction of the early printing) represents the first treatise on the subject by an American. It includes descriptions of new avian species collected by the Lewis and Clark expedition. Rhoads in an appendix of 90 pages has added valuable notes.

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Bayley, Neville W. Bot. of Aricultural Socy., London per Mrs Knobel 4 good examples of his original drawings

→ Organ der Club van Nederlandsche Vogelkennigen.

Bayley, Neville W. Four colored drawings [Ca 1922-30] used to illustrate Aricultural Mag.

OREGON NATURALIST. (Northwestern Ornithological Association.) 1894-8. Vols. I-IV (all pub.).

O'REILLY, BERNARD.

1818. Greenland, the adjacent seas, and the north-west passage to the Pacific Ocean, illustrated in a voyage to Davis's Strait, during the summer of 1817. 4to. pp. 6+293. 2 maps. London.

According to *The London Quarterly Review* (vol. 19, pp. 208-14) this is 'a bare-faced attempt at imposition—part nonsense, part falsehood'.

ORIENTAL SPORTING MAGAZINE.

Calcutta.

1828-32.

1868?-79? New series.

(THE) ORIGINAL COLOUR PRINT MAGAZINE. [Ed. by] William Giles. See GILES, WILLIAM, 1924-6.

ORIGINAL DRAWINGS.

[Note.—As far as possible the following titles are arranged in alphabetical order of artists' names; when these are unknown the first important word of the title or description is placed in order. There are many original drawings used for the extra-illustration of library copies whose artists are not listed here. The McGill libraries are lacking in representative originals of American animal artists—a defect that it is the intention of the officials to remedy in the near future.]

Adamson, C. M. 1880. A series of colored drawings made to illustrate his *Studies of Birds*.

Some of these were employed for the same purpose in the author's *Scraps about Birds*.

Albin, E. A Collection of 22 Original Water-colour Drawings (21¼ × 15 ins.) of Crocodiles, Tortoises, European and American Fishes; loosely inserted in 1 vol., royal folio. 18th cent.

One drawing is signed by E. Albin and most of the others are also probably by him.

Album containing over 100 exquisite Water-colour Drawings of Birds. ca. 1790. ob. 8vo.

Each drawing is beautifully done, and the very smallest detail is shown. The drawings are the work of a French artist about the end of the eighteenth century.

Baker, E. C. Stuart. Eight aquarelles, drawn by the author for his well-known treatises on the *Birds of India, 1890-3*.

Belcher, W. J. and others. 1917-30. Paintings of the birds of Fiji by W. J. Belcher, E. Cheverlange, C. Bulling, and A. E. Ward. 127 paintings in portfolio.

A series of 127 beautiful original water-color drawings of the birds of Fiji, executed for Dr. Casey Wood by the above artists, who had the advantage of seeing the birds in their native habitat, thus being able to study their poses, mode of perching, manner of flight, etc.; and portray them in their living plumage. In every instance the artists have made, for the background of the painting, a sketch of appropriate scenery, of the trees mostly affected by the bird, the fruit, insects, etc. he prefers as food and, occasionally, the nest and eggs. One of the drawings, that of *Pyrhulopsis koroensis*, has been reproduced in the *Ibis* for October 1925, in which will be found, as well as, in the January number for 1926, a very interesting account of the birds of Fiji by Dr. Casey Wood and Dr. A. Wetmore. Most of the drawings were executed in 1923 and 1924 by Mr. Belcher during the visit of Dr. Casey Wood to the islands.

Bulling, C. See ORIGINAL DRAWINGS. Belcher, W. J.

Cheverlange, E. See ORIGINAL DRAWINGS. Belcher, W. J.

Collection d'oiseaux et d'animaux peints d'après Nature. 1720-40. 1 vol. 4to.

This remarkable collection is further described in the Chapter of the accompanying *Introduction on Unica*.

Collins, Charles and others. Collection of 12 original signed water-color drawings of Parrots. 1737-59. 1 vol. folio.

These drawings by C. Collins (among several hundred others in the collection by the same artist) were done to the order of Taylor White, F.R.S., of Wallingwells, Notts., who is referred to in contemporary papers as a patron of the arts. Of the artist Collins it is known that he painted many pictures of birds and other animals and in 1736 published, through T. Bowles, London, a portfolio of 112 animal portraits in color, of which 12 were of birds. In this same collection of 52 Parrot portraits were 5 signed by P. Pallou. The remaining 35 were in all probability by one or other of the two artists.

— Drawings (21¼ × 15 ins.) of Bird of Paradise, Woodpeckers, Finches, Wrens, Sparrows, Rollers, Swallows, Martins, Starlings, Blackbirds, Waxbills, Wagtails, Cuckoos, etc., etc. loosely inserted in 6 vols. royal folio. 1725-59.

57 of the drawings are signed by C. Collins, 18 by P. Pallou, 1 by J. Edwards, and 1 by Van Huysum. The remaining 121 are most probably by one or the other of these artists. This remarkable (Taylor White) collection is fully described in this *INTRODUCTION* under rarities and *Unica*.

— A Collection of 48 Original Water-colour Drawings (21¼ × 15 in.) of Monkeys, Apes, Sloths, etc. loosely inserted in 1 vol. royal folio.

The drawings are unsigned but are most probably by C. Collins. All the above drawings were done to the order of Taylor White, F.R.S., of Wallingwells, Notts. A leaf of description in Latin and English accompanies nearly every drawing.

— A Collection of 97 Original Water-colour Drawings (21¼ × 15 in.) of Dottrels, Knots, Ruffs, Stints, Snipes, Curlews, Lapwings, Plovers, Avocets, Coots, Rails, Gulls, Flamingoes, Cranes, Herons, Kingfishers. loosely inserted in 2 vols. royal folio. 1736-55.

Appended to the Latin description of *Phaeopus Minor* is 'This Bird with many others were brought me from North America by my learned friend Hodgkinson Banks Esq.' 37 of the drawings are signed by C. Collins, 9 by P. Pallou, and 1 by E. Albin. The remaining 50 are most probably by one or the other of these artists.

— A Collection of 100 Original Water-colour Drawings (21¼ × 15 in.) of Ducks, Swans, Geese, Pelicans, Albatross, Divers, etc. loosely inserted in 2 vols. royal folio. 1736-59.

44 of the drawings are signed by C. Collins, and 9 by P. Pallou. The remaining 47 are most probably by one or the other of these artists.

— A Collection of 67 Original Water-colour Drawings (21¼ × 15 in.) of Game-cocks, Pheasants, Dodo, Grouse, Partridges, Quails, Ostriches, Peacocks, Turkeys, etc. loosely inserted in 2 vols. royal folio. 1736-98.

20 of the drawings are signed by C. Collins, and 19 by P. Pallou. The remaining 28 are most probably by one or the other of these artists. The drawing of the Dodo, which occupies the whole sheet, is extremely fine, and, so far as the Compiler is aware, no other plate or drawing of this size exists. A reproduction of it forms the frontispiece of this *INTRODUCTION* and *CATALOGUE*.

— A Collection of 62 Original Water-colour Drawings (21¼ × 15 in.) of Mongoose, Bears, Ferrets, Polecat, Stoats, Badgers, Raccoon, Rats, Beavers, Squirrels, Rabbits, Porcupines, etc. loosely inserted in 2 vols. royal folio. 1739-47.

Six of the drawings are signed by C. Collins, and one by P. Pallou. The remainder are most probably by one or the other of these artists.

[ORIGINAL DRAWINGS, Collins, Charles
(contd.)]

— A Collection of 56 Original Water-colour Drawings ($21\frac{1}{4} \times 15$ in.) of Pigeons. *loosely inserted in 1 vol. royal folio. 1736-53.*

Six of the drawings are signed by C. Collins, and 39 by P. Paillou. The remaining 11 are most probably by one or the other of these artists.

— A Collection of 101 Original Water-colour Drawings ($21\frac{1}{4} \times 15$ in.) of Steinbock, Goats, Chamois, Roebuck, Sheep, Buffaloes, Cows, Elephant, Rhinoceros, Zebras, Swine, Camels, Stags, Deer, etc. *loosely inserted in 2 vols. royal folio. 1769-70.*

Included in the description of the *Cow Deer* is the following: 'The Cow Deer. This Beast with the Female was brought from Bengal & presented to Ld. Clive by Govr. Cranwell in the year 1767 . . . the whole form of its body Divers too much from the Goats particularly its head and tail that it can not properly come in to that Class, so that I considered it as a new Genus undescribed by any Author which I have met with.'

— A Collection of 90 Original Water-colour Drawings ($21\frac{1}{4} \times 15$ in.) of Vultures, Hawks, Owls, Eagles, Kites, Falcons, Goshawk, Harriers, Kestrel. *loosely inserted in 2 vols. royal folio. 1737-59.*

A very fine collection, the figures occupying the whole page. Appended to the Latin description of *Falco Lagopus* is 'This bird & the next which I take to differ in sex only were given me by Mr. Banks together with the *Lagopus* and many other birds which he brought from Canada and Labrador'. 17 of the drawings are signed by C. Collins, and 3 by P. Paillou. The remaining 70 are most probably by one or the other of these artists.

— A Collection of 44 Original Water-colour Drawings ($21\frac{1}{4} \times 15$ in.) of Wolves, Lions, Tigers, Wild Cats, Jackals, Foxes, Leopards, etc. *loosely inserted in 1 vol. royal folio. 1742.*

Two of the drawings are signed by C. Collins. The remainder are most probably by the same artist.

Dias, R. [1878-81]. Indian birds; a collection of 122 original water-colour drawings of Indian birds and nests. *folio. 122 drawings.*

This collection consists of 110 colored drawings of birds, 11 of nests (2 of which are in black and white), and 1 of eggs. Many bear a printed reference to Jerdon's *Birds of India*, and range in size from $5\frac{1}{2} \times 2\frac{1}{2}$ to $14\frac{1}{4} \times 16\frac{1}{4}$ inches.

Duncan, John. 1903-5. Water-color drawings of birds.

A series of 14 mounted water-color drawings of European birds of prey, ranging in size from 11×10 to 19×15 inches. In 1898 this artist published *Birds of the British Isles*, and executed the figures both colored and black and white for Charles Dixon's *Bird Life of London*, 1909.

Edwards, J. See ORIGINAL DRAWINGS. Collins, Charles and others. 1725-59.

Eighteen original water-colour drawings of British birds. *folio. [Castle, 1846-54.] in portfolio.*

The 18 well executed drawings are all signed 'S. L. G.' and dated 'Castle, [1846-54]', but the artist's name remains unknown. The birds depicted are the Alpine Accentor, Blue Titmouse, Buzzard, Chaffinch, Cole Titmouse, Fire Crested Wren, Golden Crested Wren, Grass Hopper Warbler, Hedge Sparrow, Hen Harrier, Lapland Bunting, Marsh Harrier, Marsh Titmouse, Ray's Wagtail, Red Breast, Redwing, Siskin, and Tree Sparrow.

Fisher, William Richard [? 1819-89]. 1847. Water-colour drawings of 320 birds' eggs and nests. 3 vols. 8vo.

Of 320 original drawing of birds, nests, and eggs, 318 are in water-colors, the remaining two of birds being uncolored. They were executed by the artist in 1847, and are interleaved with his own MS. descriptions and notes. These drawings are arranged after, and the notes refer to, the second edition of Yarrell's *History of British Birds*, 1845. The figures of the rarer eggs are chiefly from the specimens in Yarrell's cabinet, which are described by him in the body of the work; and many are from the collections of

H. F. Walter and Dr. Henry Pitman. Attached to this unique and special copy is a letter from Mr. Porter the bookseller to Major W. H. Mullens the purchaser, regarding it, and the fact of there being nine instead of five autograph letters of Yarrell which go with this set. See annotation of Yarrell's works now in this library.

Forbes, James [1749-1819]. Zoological drawings and paintings by James Forbes. 1790-1813. *folio. 54 drawings in portfolio. 30 birds; 16 eggs; 12 snakes and other vertebrates.*

These original water-colors were made in India to illustrate the author's well-known *Oriental Memoirs*, 1813.

Frohawk, F. W. 1929. Original aquarelles.

Beautiful colored drawings of a pheasant and of a bee-eater! This widely known artist has furnished colored drawings for numerous treatises and magazines. He is especially noted for the meticulous care given to his subjects from the viewpoint of the systematic zoologist.

Gosse, Philip Henry. Original drawings to illustrate *The Birds of Jamaica. 1845-9.*

This remarkable collection is described under the author-artist's *Birds of Jamaica*, 1849, in this *Catalogue*.

Gould, John. 1831-6. Twenty-two water-color drawings, most of them used to illustrate his *Birds of Australia*. A few dated 1831; Whatman Paper water-marked 1835 and 1836 in most other instances.

Mr. E. C. Stuart Baker, through whose influence these remarkable and extremely rare originals were secured, informed the Compiler that the drawings were bought at the sale of the library of the Hon. C. R. Weld who was related to a former Governor of Tasmania and received the collection from him. The notations on most of the plates are in the handwriting of Mrs. Gould. There are depicted 17 Australian and one African species in the main lot. The portrait of a toucan is varnished and framed.

Green, Roland [1892-]. 1926. Seven aquarelles of birds.

This well-known artist-illustrator was born in Rainham, Kent, England, in 1892, studied at the Mathematical School, Rochester, and the Regent Street Polytechnic, London. He has made plain and colored drawings for Pycraft's *Flight of Birds* and other publications, and has exhibited publicly many of his water-color paintings.

Grönvold, Henrik [1858-].

Both the Blacker and E.S.W. Libraries possess many pictures by this artist-illustrator, including 25 colored drawings for Stuart Baker's *Indian Pigeons and Doves* as well as colored lithographs for other treatises on zoology. He was born in Praestö, Denmark, and came to London in 1892. Among his numerous drawings are the illustrations for Shelley's *Birds of Africa*, Sclater's *Fauna of South Africa*, and Howard's *British Warblers*. He also drew the portrait of John IIIrd, a famous parrot, which now hangs in the McGill Library. The E.S.W. collection also possesses the first drawing of Grönvold's, made in Denmark, of the Pallas Sand Grouse.

Gundlach, Johannes [1810-96]. Drawing Book of sketches and pictures.

From the Knowlton collection through Dr. Chas. W. Richmond.

Gwillim, Elizabeth, *Lady* [? 1763-1807]. [Paintings of Indian Birds.] [1801-7.]

A series of 121 beautiful original water-color drawings of Indian birds, faithfully depicted as to plumage and posture, and with backgrounds painted in a fashion worthy of Keulemans or Grönvold. Some are mounted and all are numbered in the handwriting of the artist, many also bearing descriptive notes, measurements, color-indications, and other data. These drawings were obtained by Dr. Casey Wood—quite by accident—during one of his expeditions after rare books round the London booksellers. Not much is known of the artist except that she was born (about) April 21, 1763, and came to Madras in the year 1800 with her husband, Sir Henry Gwillim of Hereford, one of His Majesty's Puisne Justices of the newly formed Supreme Court of Judicature. She died December 21, 1807, at the early age of 44, and was buried in St. Mary's Church, Fort St. George, Madras. For a more detailed account of these drawings see the paper by Dr. Casey Wood entitled 'Lady [Elizabeth] Gwillim—Artist and Ornithologist', in the *Ibis* for July 1925, pp. 594-9. See also this *Introduction*. Attached to the inside of the large portfolio or case containing these drawings, are two letters referring to the career of the artist, also, a copy of the above paper from the *Ibis*.

Presented to the E. S. W. Library of Ornithology,
London, Oct 20/31.

by
DR. CASEY WOOD,
NATURAL HISTORY MUSEUM,
LONDON, S.W. 7.
ENGLAND.

Original — on this paper →
+ four
Carbons

A Collection of
~~five~~
600 original drawings + sketches
(from life, of birds ~~etc~~) by
John Gatcombe,

in pencil, sepia and color, in
five volumes

The artist (1819-87) was born in Plymouth, England.
He made ~~no~~ numerous
and although ~~his~~ ~~only~~ ~~printed~~ contributions to faunal
literature* among them to D Urban and Mathew's Birds of Devon, ^{where he is} called
~~the~~ the Prince of modern Devonshire ornithologists.

H. A. Macpherson in Pidsley's Birds of Devonshire,
1891, published a short memoir of his life.

Cat

also papers in
The Naturalist 1851-55 and
The Zoologist, 1855-72.

Keulemans. Painting of a Sunbird. Bot. by Allan Brooks for \$20.00. Presented to C.A.W. - 1932. Originally from
from Bowdler Sharpe's (to whom it was presented by the painter) daughter, Mrs. Daisy Greenham
of B.C. Signed "a. d. v. i. v." by J.G.K. Presented by C.A.W. to the S.S.W. Library.

Hayes, Charles (fl. 1808-16). [1812-14]. Fifty original drawings of birds. *folio*.

Little is known of this zoological artist except that he was the son of the famous William Hayes, whose *Portraits of Rare and Curious Birds drawn from the Menagerie at Osterley Park* is in every large library on Natural History. Charles is the author and illustrator of a very rare and probably uncompleted 4to, entitled *The Portraits of British Birds, including Domestic Poultry and Water-Fowl*.

Hayes, William [1729-99] and other members of the same family. Forty-nine water-color drawings of birds. 1779-89.

49 original water-color drawings and engravings of the rarer English and a few Eastern birds. These drawings range in size from $8\frac{1}{2} \times 11\frac{1}{2}$ to 21×15 inches, being variously dated from 1779 to 1789, the whole in portfolio, which bears the bookplate of Lord Willoughby de Broke.

Wm. Hayes was in 1794 living at Southall, Middlesex, England, when he published his *Portraits of Rare and Curious Birds*. This work, as well as two previous volumes, was the product of himself and family—seven of his 21 children having been his students and assistants.

The collection of original drawings was purchased from Wheldon and Wesley, London, who obtained it from Quaritch in whose shop it had lain for more than 12 years.

It now forms part of the Emma Shearer Wood Library. Undoubtedly some of the paintings were used to illustrate one or more of the volumes just referred to.

Head, Arthur W. [1859-1930]. Sixty drawings in color of the back-grounds of birds' eyes to illustrate Casey A. Wood's *Fundus Oculi of Birds*, 1917. Deposited in the Library of the Medical Faculty, McGill University.

Henry, G. M. Original water-color drawings of the birds of Ceylon, to illustrate *Coloured Plates of the Birds of Ceylon*. 1924-7. See also HENRY, G. M.

Howitt, Samuel [1765-1822]. Twenty-six original drawings of quadrupeds, birds, etc. ca. 1821. *folio*. London.

Some of these are unfinished. Among the best are the Bison, Lemming, Reindeer, Capybara, and *Canis aureus* (called the Cape Fox).

— About 400 drawings in color of British birds' eggs; also manuscript descriptive text with systematic and vernacular names. *folio*.

Presentation copy to 'Hannah Howitt from her affectionate Husband, Feb. 28th, 1844'. Well-executed pictures in full size, the whole evidently intended for publication, a project never carried out.

Indian birds: Original paintings of Indian birds by an unknown Anglo-Indian artist. ca. 1900. *folio*, in portfolio.

It is to be regretted that the name of the artist of these 39 original paintings is unknown, as they display an amount of fine and delicate workmanship. They were probably executed before 1900 in India and sold in London, where they were purchased and presented to the E.S.W. Library of Ornithology. Six of the drawings bear the name of the depicted species in faded manuscript.

Keulemans, John Gerrard [1842-1912]. Thirty-five original sketches and colored drawings, to illustrate Sir Walter Buller's *Birds of New Zealand*. ca. 1872.

Several of these bear comments by both artist and illustrator. Some of the pictures are signed by Keulemans; a few are dated.

John G. Keulemans was born of Dutch parents in Rotterdam, June 8, 1842. Although he published but one book, a *Natural History of Cage Birds*—and even that was unfinished—from 1870 to 1900 there was hardly a work of any importance on ornithology with colored illustrations in English, French, German, or Italian—but particularly in the first-named language—to which his pencil and brain did not contribute. *Ibis* and the *Proceedings of the Zoological Society* contain hundreds of his pictured birds and mammals. He was easily the best and most popular animal painter of his day.

The present collection is interesting mainly because it shows his methods, as ordinarily carried on. He made sketches of his subject with such comments as he thought desirable for his guidance in painting the finished picture or, most frequently, that he might reproduce it by lithography for subsequent coloring by hand. Both these methods are well demonstrated in the McGill libraries.

— ca. 1876. Original colored paintings on glass. 9 examples of British Birds. London.

This selection of nine common English birds was made for Dr. Bowdler Sharpe and painted on glass as a window decoration of his private residence by his friend the celebrated animal artist Keulemans. They passed to Mr. Wells of the British Museum and from him to the Blacker Library.

— 1890. Original water-colour drawings to illustrate J. St. G. Mivart's *Dogs, jackals, wolves and foxes*; a monograph of the canidae.

These 46 water-color drawings are not, as was generally the case with Keulemans' plates, lithographed outlines afterwards colored by hand, but are genuine brush and pencil portraits, admirably finished.

— n.d. Original sketches and colored drawings of birds, with occasional comments. *folio*. no l.-p. 135 drawings in portfolio.

A rare collection of original colored drawings, mostly of birds, by this famous artist. For many years Keulemans was the best-known European illustrator of works on Natural History. He usually drew outline sketches directly on stone, from which he made hand-colored 'patterns' to be used for subsequent illustration. Some of these patterns are in the present collection, but with few exceptions the pictures are original drawings, entirely by the hand of the artist.

King, Wm. [?1728-90].

Bound with a volume of colored drawings by J. W. and R. Lewin are three drawings of birds' eggs by this artist, probably used by the elder Lewin to illustrate his *British Birds*.

Lear, Edward. 1820-36. Volume of Original water-color drawings, consisting of 43 sketches, studies and full page water-color paintings, with marginal criticisms.

These valuable studies were made by one of the best lithographers and colorists of his day, the artist being the author of Lear's *Illustrations of the Family of Psitticidae*, 1830-2. Some of the originals of the portraits of Parrots in that work are in the present volume, as are a number of drawings for illustrating the well-known Knowsley Hall atlas. Zimmer (*Ayer Catalogue, Field Museum*, 1927) says that Lear's work 'is noted for its artistic value combined with accuracy of portrayal'.

— The Blacker Library has a small collection (six) of Eagles, Herons, Cranes, etc., drawn in colors and of life-size, about 1832-5.

These aquarelles were purchased direct from a member of the Lear family, one of the pictures being signed and dated. They are fine, well-preserved examples of the artist's work.

Lewin, J. W. [(?1770-1835)]. 30 portraits of birds, many made in Australia. This illustrator was a son of Wm. Lewin, the author and artist of the well-known treatise on *British Birds*.

Lewin, R. 7 portraits of birds by a member of the celebrated Lewin family of artists and ornithologists.

Lewin, Thomas W. [fl. 1810] and others. 1825-39. Original water-colour drawings of birds.

A collection of 44 water-color drawings of British and foreign birds—representing 36 different species—three of which are signed, and the remainder attributed to this artist, who was a brother of John William Lewin, the author and artist of the *Birds of New South Wales* and other treatises on Natural History. Other members of the Lewin family, all of whom are represented in original collections of this library, also painted zoological subjects. The British Museum has 75 water-color drawings of birds by this artist.

Lewin, William [1730-95]. Drawings of 146 British birds' eggs in the (former) Portland Museum, made about 1785.

In the opinion of Swainson this artist-illustrator, member of the famous Lewin family of naturalists, was 'the best zoological painter, and one of the most practical naturalists of his day'. He was patronized by and painted portraits of birds and their eggs for the most eminent men and women of his generation. It is claimed for him that most of his subjects were drawn on vellum, 'generally in body colours, and that his style was bold, his colouring powerful, without being highly finished'. Newton, however, did not place a high value upon his *British Birds*.

[ORIGINAL DRAWINGS (contd.)]

Malchien, A. Abbildungen zur Naturgeschichte der Vögel. 1861. 4to. MS. lille. New York.

In the E.S.W. Library are 453 well-executed, original drawings, on 173 sheets, of Birds of Prey, Song-birds, Parrots, Toucans, etc., with the above title-page in manuscript.

The following is an exact copy of this script title: 'II. Abbildungen zur Naturgeschichte der Vögel von A. Malchien II. Abtheilung (complete, all executed) Raubvögel, Singvögel, Klettervögel. 453 Abbildungen aus 173 Tafeln. New-York 1861.' The present volume is from the library of the late George N. Lawrence.

Meÿer, H. L. A magnificent collection of six hundred colored drawings, the originals of the author's *Illustrations of British Birds*, 1835-50. See the description under that title in this **Catalogue**. They form one of the chief treasures of the McGill libraries.

Miller, Amy. A collection of signed water-colors intended to illustrate Latham's *General Synopsis of Birds*. They are accurately depicted, but the dates of the drawings and a history of the artist are unknown to the Compiler.

Miscellanea curiosa de avibus. MSS. with original drawings of . . . birds. 1720?

A curious, anonymous collection probably intended for publication.

Neale, E. The Golden Eagle. Painting (unfinished) in Oils. Size of canvas, 3 ft. x 2 ft. 4 in. [? ♀].

This picture, upon which the artist was engaged at the time of his death, came, with other effects, into the hands of R. H. Porter, who published Booth's *Rough Notes* and Dresser's *Birds of Europe*. The former work was entirely illustrated by Neale and the latter partly. The picture of the Golden Eagle, which was acquired by W. J. H. Craddock in 1915 from E. H. Porter, son of R. H. Porter, was presented by him to the E.S.W. Library in 1927.

Paillou, P. See ORIGINAL DRAWINGS. Collins, Charles.

In addition to the work done for the Taylor White collection in conjunction with Charles Collins, Paillou must have made many independent portraits of animals. The Blacker Library has a volume of these drawings, dated 1720.

Plath, Karl. This artist-ornithologist was born in Chicago, August 29, 1886. He studied at the Chicago Art Institute and under Frederic Grant; is a Member of the Illinois Academy of Fine Arts and of Art Institute Alumni. He has painted ornithological subjects as a speciality for several years.

In addition to numerous sketches, studies, drawings, and paintings made during his work in zoological gardens while pursuing his favorite vocation, Plath traveled in the West Indies, Bermuda, and Florida that he might portray his ornithological subjects amid their natural surroundings. His illustrations of indigenous and exotic bird-life have appeared in *Ibis*, *Bird-Lore*, the *Wilson Bulletin*, *Avicultural Magazine*, and other periodicals. This artist is a member of several ornithological societies at home and abroad, and his pictures show unusual knowledge of avian plumage, habits, and postures. The bird portraits in the E.S.W. Library, one water-color (Impeyan Pheasant), and one oil painting (American Tropic Birds) are spirited and accurate drawings of these birds.

Powell, W. E. Original water-colour paintings of birds. 1910-25. folio. London.

Six original water-color drawings of birds 11 x 9 inches, in mounts 20 x 15 inches. The species represented are, Golden Eagle, Toucan, Montague's Harrier, Kestrel, Flamingo, and Blue Heron. Several of this artist's animal pictures have been reproduced in the *Illustrated Sporting and Dramatic News*, the landscape backgrounds being especially attractive.

Rabié (Major-General). 1767-84. Natural History of St. Domingo, Unpublished Water-Colour Drawings, with MS. descriptions (in French) and indexes, bound in 4 vols. royal 4to, and oblong folio.

They are described as follows: Oiseaux, etc., 59 [drawings];

Poissons, Reptiles, Crustacés, etc., 75 drawings; Insectes, Arachnidés, Coquillages, etc. In addition are 127 sheets of drawings containing several hundred figures, including 100 figures of rare Lepidoptera; also of Fruits, etc., 62 drawings.

These pictures form a collection of the highest importance. Rabié is described as 'Maréchal de camp, ingénieur-en-chef de la partie du nord de St. Domingue, mort à Paris en 1785'. The drawings, which are of first-rate quality, were made from nature by Rabié during his period of service in St. Domingo. They are variously dated 1767-84. A full (illustrated) review of this important Americana has been published by Dr. Alex. Wetmore in the current (1930) volume of the *Auk*.

Shore, F. J. 1827-8. Unpublished MS. appendix to Latham's *General Synopsis of Birds*, with original paintings by F. J. Shore. small folio. unpub. 3 vols. in 2.

This collection of manuscript and illustrations includes 196 sheets of original colored drawings of Indian birds and two sheets of colored squares, 'names according to Ackerman', for reference, depicting and describing 276 species. All the drawings were made under direction of the author-illustrator, critical remarks regarding the quality and correctness of the portraits being inscribed on the margins of each picture.

This unique appendix is thus illustrated with nearly 200 full-page drawings, and the majority of the species are described (but not portrayed) in Latham's works. In many instances the name of the native artist is supplied. Each species is accompanied by elaborate descriptive MS. notes by Shore, with references to Latham's treatise. The first ten leaves are pagged to provide an Index to vol. I.

To give a better idea of the character of this remarkable supplement, the following quotations are given from Shore's three volumes: vol. I. 'Commenced May 10, 1827. Observations. In the description of the following pictures, of the figures of length, the first means from the point of the beak to the setting of the tail, placing the beak in its natural sitting position, and measuring by the curvature of head, neck, back, etc. The second, from the last point to the end of the longest feather, unless other measurements are expressly specified. The breadth measures from wing to wing, from the longest feather to do., whether the outer one or not; unless expressly specified to the contrary. The native names given, allude to the place where the bird was killed, unless otherwise specified, for the names for the same bird differ very much in different parts of India. In the Hills (the Himalayas) in particular, the inhabitants of villages five miles apart have often different names for the same bird, as indeed is the case with plants, insects, and even animals.

'The information about their nests, eggs, time of breeding, migration, and other local points, is chiefly collected from the village boys; who (in the hills particularly) from being continually bird nesting, and playing about the jungles, are well acquainted with these matters, while the men, on the contrary, comparatively know nothing, and when questioned usually say, "When I was a boy I could have told you all about it but have forgotten now" For brevity's sake, when the toes are directly joined to each other, they will be said to be "joined"; if joined by a membrane, to be "membraned".

'The native names are given with great exactness; spelling according to Gilchrist's plan. This generally is not sufficiently attended to; which creates confusion. Most native names of birds have some meaning characteristic of their color, shape, song, manners, etc. The under parts, and those which cannot appear in the drawing, are minutely described. Where I have not exactly hit the color, it is mentioned. From want of this having been done in the drawings from which Latham's descriptions are taken, he has described the color of some incorrectly.

'The "Length of Bill", or for short "Bill" signifies from the point to the corner of the mouth when open.

'Almost every picture is taken from a real specimen, immediately after it has been shot; chiefly shot by myself, which gives me an opportunity of observing their natural position and motions. Some few are taken from live birds in cages, but where this is the case it is mentioned; also if it be taken from another picture or a stuffed specimen.

'In some the tongue is mentioned to have the "hooked joint" that is when the tongue has a joint near the root with a sort of barb pointing backwards like this; [drawing].

'When a bird is stated to be drawn $\frac{1}{4}$, etc. the natural size, it is by scale, with proportional compasses.

'N.B. I find that if the bird be placed in this position [drawing], holding it by the bill, and allowing the body to hang down; the measurement is the same, if the string be taken from the bill over the crown of the head, straight down, without pressing it into the curvature of the neck. This saves trouble. Or if the bird be drawn out straight like this [drawing] pulling the neck very slightly, the measurement is the same.

'To find the sitting on of the tail, it is cocked up like this [drawing] and the inner corner of the angle it makes with the body, is the point of measurement. This sometimes gives a greater difference than the appearance of the bird would indicate; as some have the feathers of the rump, vent, and tail-coverts, very long in proportion to their size; which makes the body appear longer, and the tail shorter than it is, e.g. Pl. 53, Fig. 2, Pl. 48 and others.

'The Perpendicular height means when the bird is standing as he is drawn.

'It is strange that not a single native has any idea of the migration of birds; they know that at certain seasons certain birds disappear,

Ridgway, John. Drawing of Flicker, presented to S.W. library by ^{June/32} the painter

→ Shaw and Nodder - 1789 - 1813. 137 orig. drawings bound in large 8vo. [calf] vols. to illustrate their Naturalist's Miscellany (q.v.). Purchased from Dulau, London, Oct. 10/31.

← Whelan, Harold M. Two original drawings of South African birds.

→ Oliver, W.R.B. Two original paintings of birds reproduced in "New Zealand Birds". Framed.

Sheldrake Madder

Smit, J. There are several drawings of this gifted artist in McGill collections.
especially ~~one~~ of the British animal Redshank and willowbush to illustrate a paper by
He was the finest illustrator of the decades 1890-1910.
Donated to the E.S.W. Library
W.H. Hudson whose penciled autograph appears on the back of the sketch.

and reappear at others; but they suppose that they hide themselves in the jungles.

Vol. II, 'Jany. 1st, 1827'.

'Appendix to Latham's Birds, vol. III. Jany. 10th, 1828.

'Observations . . . (a repetition of those quoted above with the following added.)

'In some the eye is said to have a "film from forwards" (or backwards, upwards, downwards) that is when it has a film under the eyelid, with which it can cover the eye; and which projects from the front or back, or upper, or lower side of the eye. (Some of the birds being only wounded, enables me to ascertain this.)

'The toes are sometimes said to have 1, 2, 3, 4 joints, or 1, 2, 3, 2, etc., etc. The first number relates to the back toe; the second to the inner; the third to the middle; the fourth to the outer toe.

'N.B. Should the bird have two toes before and two behind, the numbers will refer respectively to the inner back, inner front, outer front, and outer back toe. Should all four toes be forwards, the numbers will commence at the innermost.'

Southern Cross Antarctic Expedition. Original drawings, with proofs, by Henrik Grönvold and E. A. Wilson to illustrate the Report on the collections of natural history made in the Antarctic regions during the voyage of the 'Southern Cross'. 1899-1901. *Svo.* 13 water-color drawings, 10 proofs.

Seven of these drawings, 10 × 6½ inches, are by Grönvold, six by Edw. A. Wilson, the remainder being proofs. Only those by Wilson are dated and represent seals, those by Grönvold seals, young penguins, and birds' eggs. They form part of the set of plates illustrating the Report on the Collections, 1902, of the Expedition.

S. L. G. See ORIGINAL DRAWINGS. Eighteen water-colour drawings, etc.

Surtees, Frederic R. Ten illustrations inserted in E. L. Layard's *The birds of South Africa, 1857*. See LAYARD, E. L.

Walcott, John. Three small water-color drawings of birds represent the work of this artist. They were made to illustrate his *Synopsis of British Birds, 1789*.

Van Huysum. See ORIGINAL DRAWINGS. Collins, Charles.

Ward, E. A. See ORIGINAL DRAWINGS. Belcher, W. J. and others. Birds of Fiji.

Weir, Harrison William [1824-1906]. Ninety original pen and pencil drawings of birds, etc. 1869-1901.

A large scrap-book, about 2 feet × 1 foot 6 inches, containing 28 sheets on which are mounted 90 original pen and pencil animal sketches, mostly of birds, bearing dates from 1869 to 1901. Attached to the inside of the front cover is a portrait of this well-known artist, from the Supplement to *The Book Lover*, Sept. 1902.

Wilson, Edward A. See ORIGINAL DRAWINGS. Southern Cross Antarctic Expedition.

Wolf, Joseph [1820-99]. Original charcoal drawings. in 10 portfolios. *elephant folio. ca. 1870*.

A series of 95 original charcoal drawings from 79 of which were copied an equal number of lithographs to illustrate D. G. Elliot's *A Monograph of the Phasianidae*, 1872. The remaining 16 drawings, although originally intended for the same work, were never published. This celebrated animal painter, whose name should properly be spelt Josep, was a German by birth, coming to London at the age of 28, where he at once found employment with Robert Gray in illustrating his *Genera of Birds*, and later with Gould on his *Birds of Great Britain*. Afterwards his work both for books and journals is too multifarious to detail. Among individual works may, however, be mentioned his own two series of *Zoological Sketches* (1861-7). He is by many authorities regarded as the most spirited animal painter of his day. The Blacker Library also possesses a few of Wolf's paintings not included in the above.

(THE) ORIOLE; official organ of the Somerset Hills bird club, Bernardville, N.J.

1913-16. Published irregularly. Vols. 1-3; 4, no. 1 (all pub.).

The above are all the numbers seen by the Compiler. This periodical is an amateur journal of the better class. It is to be regretted that it was obliged to cease publication.

ORLEANS COUNTY SOCIETY OF NATURAL SCIENCES. See ARCHIVES OF SCIENCE AND TRANSACTIONS.

ORMEROD, ELEANOR ANNE [1828-1901].

1899. The house sparrow. See TEGETMEIER, W. B.

ORMOND, JAMES.

1925. How to know the Orkney birds, containing a list of all the birds recorded as residents, summer visitors, winter visitors, birds of passage, occasional visitors and rare visitors. *Svo.* pp. 59. front. (21 figs.). 5 pl. (115 figs.). index. Kirkwall.

ORNIS ODER DAS NEUESTE UND WICHTIGSTE der Vogelkunde in Verbindung mit mehreren Naturforschern herausgegeben von C. L. Brehm Pfarrer zu Rentehendorf.

1824-7. Heft. I-III (all issued). 12mo. (August Schmid.) Jena.

1824. I. Heft. pp. viii+157. T. of c.

1826. II. Heft. pp. viii+173. T. of c. Hefte I and II. Added to title (after the word 'Vogelkunde') 'und Anziehendes aus der Thierkund'.

1827. III. Heft. pp. vii+152. T. of c.

This rare little periodical (the pioneer ornithological magazine) contains not only a useful review of contemporary ornithological literature (mostly contributed by the editor) but other matter (including a notice of bats and shrews!) from the pens of such naturalists as Schlegel, Voigt, Harnschuch, and Richter.

ORNIS. Blätter fuer Vogelkunde, -Pflege, -Zucht und -Schutz. Organ des Bayerischen Verbandes f. Vogelzucht und -Schutz.

1903-17. Vols. I-XV [and continuation?] Issued by G. Hensolt. Schwabach, near Nürnberg. 4to.

ORNIS. Internationale Zeitschrift für die gesammte Ornithologie Organ des permanenten internationalen ornithologischen Comités.

This periodical consists practically of the papers (in English, French, and German) contributed to (and accounts of the activities of) the International Ornithological Congresses held in various cities from 1885-1930. See also CONGRESS. INTERNATIONAL, OF ORNITHOLOGY.

ORNIS FENNICA. (Ornitologiska Föreningen i Finland.) Helsingfors.

1924-30. Papers in Finnish, German, or Swedish.

ORNITHOLOGIA NOVA. 1743-5. See ANONYMOUS.

ORNITHOLOGICAL MISCELLANY. Edited by George Dawson Rowley.

1875-8. (All pub.) 3 vols. 4to. pp. 321. London and Brighton.

This valuable addition to ornithological literature was issued in 14 parts, is magnificently illustrated by colored plates, mostly by Keulemans, and contains studies not only of British birds but of avian life in Fiji, New Zealand, Mongolia, Northern Thibet, the Tangut country, etc. The contributors bear names well known to zoologists; among them (including the Editor) J. H. Gurney, A. B. Meyer, Prjevalsky, P. L. Selater, Bowdler Sharpe, Lord Tweeddale, O. Finsch, Alfred Newton, and several others equally celebrated.

ORNITHOLOGICAL REVIEW. English title of the Russian Journal earlier and better known by its French name *Messenger ornithologique*.

ORNITHOLOGICAL SYNONYMY; an anonymous manuscript. 1855. See ANONYMOUS.

ORNITHOLOGIE. 1893.

Paris.

ORNITHOLOGIE ET AVICULTURE. [The German title of this Russian periodical is *Ornithologie und Vogelzucht*.] Published in Moscow by the (French translation) *Section Ornithologique de la Société Impériale Russe d'Acclimatation des Animaux et des Plantes*. Edited by A. Chomiakoff and D. Rossinsky.

1910-13. Années I-IV. (All pub.?) *large 8vo. illust. by black and white photos.* Moscow.

This well-edited magazine has most of its titles in Russian, French, and German, and contains many important scientific essays by Loudon, Rossinsky, Nesteroff, Dorogostajsky, Charlemagne, Pomeranzeff, Boutourline, Antiloff, and other Russian naturalists. It is clearly printed and well illustrated by photogravures. The papers deal largely with the bird life of the (old) Russian Empire.

ORNITHOLOGIE UND VOGELZUCHT. The German title of the Russian periodical whose French caption is *Ornithologie et Aviculture*.

ORNITHOLOGISCHE BEOBACHTER DER WOCHENSCHRIFT FÜR VOGELLIEBHABER UND VOGELSCHUTZ. Edited by Carl Daut, Bern, and Gustav von Burg, Olten. Pub. by Carl Daut.

1902-30. (Jahrgänge) Vols. 1-28. *4to. illust.*

Basel.

The *Beobachter* and its French equivalent, *L'Ornithologiste*, well represent Swiss views of and efforts towards bird protection and culture. Interspersed with reports upon these topics are many carefully prepared annual reviews and reports furnished by local ornithologists of repute with the assistance of several societies they represent. This little magazine has, doubtless, many years of usefulness before it.

ORNITHOLOGISCHE BEOBACHTUNGSSTATIONEN IN DÄNEMARK. See DENMARK. 1883-1930. Ornithologische Beobachtungsstationen.

ORNITHOLOGISCHE GESELLSCHAFT IN BAYERN.

1919-date. Anzeiger.

1897/8-date. Verhandlungen. Nos. 1-3 as Jahresbericht des Ornithologischen Vereins München. See also BEITRÄGE ZUR ZOOGEOGRAPHIE DER PALÄARKTISCHEN REGION.

ORNITHOLOGISCHE MITTEILUNGEN.

The German name of the Russian journal whose (better known) French title is *Messenger Ornithologique*.

ORNITHOLOGISCHE MONATSBERICHTE MIT BEITRÄGEN VON [numerous collaborators] UND UNTER MITWIRKUNG VON H. SCHALOW. Monthly, *8vo.* Edited by Dr. Ant. Reichenow, Berlin, 1893.

1893-1930. Jahrgänge 1-38.

This periodical, despite its small size, ranks with the most useful and practical of the German reviews of ornithological literature. Moreover, descriptions of new species and other important though brief contributions have been made by a large number of well-known students of avian life; among them the two Berlepschs, Tschusi v. Schmidhofen, Ed. Hellmayr, E. Lönnberg, F. Liendner, S. van Schaumburg, J. Thienemann, Prof. Ballowitz, and many others.

ORNITHOLOGISCHE MONATSSCHRIFT.

Halle, Leipzig.

1876-date.

1876-90. As Monatsschrift. See DEUTSCHER VEREIN ZUM SCHUTZE DER VOGELWELT.

ORNITHOLOGISCHER JAHRESBERICHT AUS DEM GOUVERNEMENT LIVLAND.

Russland.

The Compiler has been able to obtain only one volume: I. Jahresbericht (1885). (All pub.?)

With this, a 'Nachtrag' by E. von Middendorf.

ORNITHOLOGISCHER JAHRESBERICHT [JAHR] AUS HOLLAND (FRIESLAND UND ZUID). Edited by Herman Albarda, *8vo.* Leeuwarden.

1885. Jahresbericht. pp. 43.

The Compiler has seen only the first number of this independent periodical, which is divided into three parts describing the localities included in its activities and appearance of species.

ORNITHOLOGISCHE RUNDSCHAU. Herausgegeben von Wilhelm Schuster. Gensenheim bei Mainz, Germany. Six nos. yearly. *8vo.*

1905-7. Vols. I-III. (All issued?)

This periodical is a 'Beilage' of the *Zeitschr. f. Oologie und Ornithologie*, beginning with April 15, 1905, and is generally bound with it; but the earlier numbers also appear as independent publications. In the 1907 volume of the *Zeitschrift* the publisher notes that the 'Ornith. Rundschau' is no longer issued by him; yet *Naturae Novitates* lists III, IV, and V Jahrg., 1907-10.

ORNITHOLOGISCHER VEREIN MÜNCHEN. See ORNITHOLOGISCHE GESELLSCHAFT IN BAYERN.

ORNITHOLOGISCHER VEREIN ZU STETTIN. See ZEITSCHRIFT FÜR PRAKTISCHE GEFLÜGELZUCHT UND ORNITHOLOGIE.

ORNITHOLOGISCHER VEREIN IN WIEN.

1877-97. Mittheilungen.

1884-5. Beiblatt.

See also SCHWALBE (DIE).

ORNITHOLOGISCHES CENTRALBLATT.

Organ für Wissenschaft und Verkehr. Nachrichtenblatt des gesamten Vereinswesens und Anzeiger für Sammler, Züchter und Händler. Beiblatt zum *Journal für Ornithologie*. Im auftrage der Allgemeinen Deutschen Gesellschaft herausgegeben von Prof. Dr. J. Cabanis und Dr. Ant. Reichenow.

1876-82. (All pub.) Bimonthly. Vols. I-VII.

Leipzig and Berlin.

During the seven years of its existence the *Centralblatt* published many papers of importance, numbering among its contributors such eminent ornithologists as Blasius, Schalow, Böhm, K. Möbius, Hartlaub, v. Pelzeln, Günther *et al.*

ORNITHOLOGISCHES JAHRBUCH. Organ für das paläarktische Faunengebiet. Edited by Victor Ritter Tschusi zu Schmidhofen. Hallein bei Salzburg, German Austria. *8vo.* Monthly. Col. pl. Each part has a table of contents and index; often col. illust. Double parts the rule after 1903.

1890-1918. Vols. 1-29 (all pub.).

The *Jahrbuch* does not altogether confine itself to contributions on the bird life of the palaeartic region although that territory is remarkably well covered by these volumes, that are a monument to the industry and well-rounded ornithological accomplishments of the Editor. To the pages of this periodical almost every ornithologist of distinction in Europe has contributed, and especially those resident in South Germany and Austria. The review of palaeartic literature is of especial value and assistance to the investigator.

ORNITHOLOGISCHER VEREIN, MUNICH. Jahresbericht 1-3 (1897-8). See ORNITHOLOGISCHE GESELLSCHAFT IN BAYERN. VERHANDLUNGEN.

STATE OF TEXAS, COUNTY OF DALLAS

Know all men by these presents that _____ of the County of Dallas, State of Texas, for and in consideration of the sum of _____ Dollars, to _____ in hand paid by _____ the receipt of which is hereby acknowledged, have granted, sold and conveyed, and by these presents do grant, sell and convey unto the said _____ of the County of Dallas, State of Texas, all that certain _____

of the County of Dallas, State of Texas, to have and to hold unto the said _____ and his heirs and assigns forever.

Given under my hand and seal of office this _____ day of _____ 19____.

Notary Public

Witness my hand and seal of office this _____ day of _____ 19____.

^ but Mr. Burns writes me that he has the final ^{no. 6} ~~no. 6~~ in his set.

→ Artmann, 1888. Japanische Cephalopoden.

ORNITHOLOGIST, THE. A Magazine of Ornithology and Oology. Edited by H. Kirke Swann and collaborators. Illust. Monthly. London. 8vo. Vols. I-II. March 1896-March 1897. 13 numbers (all pub.).

The short-lived *Ornithologist* contains several articles of importance and value and was the first periodical devoted exclusively to British ornithology.

ORNITHOLOGIST, THE. A monthly paper of Natural History. Especially devoted to the study of birds, their nests and habits. Ed. by C. L. McCollum, 8vo. *Twin Bluffs, Wis.* 1885. Nos. 1-7.

F. L. Burns (105) furnishes these notes:

1885. Vol. I, Nos. 1-7, May-Dec. pp. 60. Suspended.

Fox notes that No. 6 was not issued, so that there were in reality only six numbers published.

Several good papers were contributed to this short-lived monthly. W. L. Kells wrote a series of notes on Canadian Wild Birds, and there were also papers by C. H. Andres, Chas. H. Marsh, A. M. Shields, and others.

ORNITHOLOGIST AND BOTANIST. Monthly. Joseph E. Blain, editor and publisher, Binghamton, N.Y., and Des Moines, Ia. 1891-2. 8vo. (All pub.)

Frank L. Burns furnishes the following notes:

1891. Vol. I, Nos. I-XII, Jan.-Dec. pp. 96. *index.*

1892. Vol. II, Nos. 1, 2, (3), and 6, Jan.-July. pp. 32. Suspended.

This magazine seems to have passed through several editorial and publishing hands until it was finally merged in the *California Traveler and Naturalist*. After the fourth number Willard N. Clute became editor. At the beginning of the second volume Letson Ballet and Wm. S. Sanford, Des Moines, Iowa, became editors and publishers; finally W. S. Sanford & Co. alone. Among contributors are the editors, B. S. Bowditch, W. N. Clute, Wm. L. Kells, J. B. Lewis, J. M. Swain, A. H. Norton *et al.*

ORNITHOLOGIST AND OOLOGIST; birds, their nests and eggs.

Vols. 6-18, Mar. 1881-Oct. 1893. (All pub.) Rockville, Conn.; Bost., Mass.; Pawtucket, Conn.; Hyde Park, Mass., 1881-93. 8vo. Continuation of *Oologist*, Utica, N.Y., 1875-81.

This magazine was very popular and in its day enjoyed a wide circulation and extensive patronage. Its list of contributors include the names of nearly every practical ornithologist in the country and it seems a pity that it was unable to continue its useful career.

L'ORNITHOLOGISTE. Organe officiel de la Société suisse pour l'étude des oiseaux et leur protection.

The foregoing is the French title of *Der ornith. Beobachter*. That magazine was separately edited (in French) by Prof. Mathey-Durpaz, Neuchâtel, Switzerland; beginning with Jahrg. (Année) VII, 1909-10.

See DER ORNITHOLOGISCHE BEOBACHTER.

ORNITHOLOGISTS' AND OOLOGISTS' SEMI-ANNUAL. 8vo. Published by W. H. Foote, Pittsfield, Mass. Editor (second volume), C. C. Maxfield, Willard, N.Y. In two editions.

F. L. Burns (108) furnishes these notes:

1889. Vol. I, Nos. 1 and 2, Jan. and July. pp. 48 + 46. *illust.* 1 pl.

1890. Vol. II, Nos. 1 and 2, Jan. and July. pp. 48 + 44. *illust.* 2 pl.

This periodical was continued as *The Semi-Annual*.

The succession of these seven related periodicals is as follows:

(1) *Ornithologists' and Oologists' Semi-Annual*,

1888-9; continued as (2) *The Semi-Annual*, 1889, 1890.

Continued as (3) *The Wilson Quarterly*. A Journal of Ornithology, official organ of the Wilson Ornithological Chapter of the Agassiz Association. One vol. (IV), Nos. 1 and 2, April and July, published 1892. 8vo. Oberlin, Ohio. Pub. by R. M. Strong and ed. by Lynds Jones *et al.*

Continued as (4) *The Journal of the Wilson Ornithological Chapter of the Agassiz Association*, 2 vols., 1893.

Continued as (5) *The Wilson Ornithological Chapter*, 1894.

Continued as (6) Bulletin Number [4-19] of the *Wilson Ornithological Chapter of the Agassiz Association*, 1895-8.

Continued as (7) *The Wilson Bulletin*, 1898-date.

ORNITHOTROPHIE ARTIFICIELE, etc. 1780. Anonymous. *Paris.*

ORSTED, ANDERS SANDØE [1816-72].

1844. De regionibus marinis. Elementa topographiae historiconaturalis freti Öresund. 8vo. pp. [10]+88. (Copenhagen. Universitas Havniensis [theses].) *Havniae.*

n.d. Udtog af en Beskrivelse af Grønlands Anulata dorsibranchiata. 8vo. pp. 33.

ORTENBURGER, A. I.

1928. The Whip Snakes and Racers: Genera Masticophis and Coluber. (*Mem. Univ. Michigan Mus.*, vol. 1.) 4to. pp. 18+247. 36 pl. *Ann Arbor.*

ORTON, JAMES [1830-77].

1870. The Andes and the Amazon, or across the Continent of South America. 8vo. pp. 25+356. 36 figs. 1 map (fold.). 3 append. *index.* *New York.*

The result of a scientific expedition to the equatorial Andes and the river Amazon in 1867. There are numerous references to animals throughout the book, more especially to the Condor, Parrots, Toucans, and Humming-birds, etc., with two illustrations. A third edition was published in 1876.

1876. The Andes and the Amazon. 3rd ed. 8vo. pp. 23+645. 14 pl. 64 figs. 2 maps (fold.). 4 append. *index.* *New York.*

A much enlarged edition, divided into two parts, the first containing the results of expedition No. 1, in 1867, and the second that of expedition No. 2, in 1873. There are further references to animals, especially to birds.

ORTUS SANITATIS. See HORTUS SANITATIS.

OSBALDISTON, W. A.

1792. The British Sportsman. Dictionary, etc. 4to. col. pl. *London.*

A cyclopedia of game animals with (rare) colored illustrations.

OSBORN, HENRY FAIRFIELD [1857-].

1881. A memoir upon *Loxolophodon* and *Uintatherium*, two genera of the sub-order *Dinocerata*. 4to. pp. 5+54. 4 pl. map. *Princeton, N.J.*

Author's reprint.

1894. From the Greeks to Darwin. 12mo.

New York.

1907. Origin of life. 8vo. *illust.* *New York.*

1910. Age of Mammals in Europe, Asia and North America. *New York.*

One of the best of our treatises on vertebrate paleontology.

[**OSBORN, H. F.** (*contd.*)]

1910. A naturalist in the Bahamas. See **NORTHROP, JOHN**.

[1921]. Evolution, phylogeny, and classification of the Mastodontoidea. 4to. pp. 6. (Paleontological Society, Proceedings.) *New York*. Author's reprint.

1926. On the trail of ancient man. See **ANDREWS, R. C.**

OSBORN, HERBERT [1856-].

1926. Economic zoology; an introductory textbook on zoology. 8vo. pp. 16+490. *New York*. One of the best manuals in English.

OSCOLATI, GAETANO [1808-?79].

1850. Esplorazione delle regioni equatoriali . . . d'Amazzoni. *Milano*.

An account of the vertebrate zoology of this district is furnished by the author.

OSGOOD, I. and WYNDHAM, H.

1914. The Winged Anthology, etc. 8vo. *London*.

OSGOOD, WILFRED HUDSON [1875-].

1901. Natural history of the Queen Charlotte Islands, British Columbia. Natural history of the Cook Inlet region, Alaska. 8vo. pp. 87. front. (map). 6 pl. 1 fig. bibliogr. index. *Washington*.

OSLER, SIR WILLIAM [1849-1919].

1923. Incunabula Medica. A study of the earliest printed Medical Books, 1467-1480. 4to. *Oxford*. Many of these contain descriptions of animals, quite a few of the authors being famous naturalists.

1929. Bibliotheca Osleriana. A catalogue of books illustrating the history of Medicine and Science—bequeathed to McGill University. 4to. pp. 36+785. index. *Oxford*.

Extensive use has been made of this fine treatise by the Compiler. For an account of the Osler Library see pp. xiv and xv of this INTRODUCTION and CATALOGUE.

OSLO UNIVERSITET.

1847?-date. Aarsberetning.

OSPREY, THE. An illustrated Monthly Magazine of (later *Popular*) Ornithology. Edited by Walter Adams Johnson, associated with Dr. A. C. Murchison and Dr. Elliott Coues. Illust.

1896-1902. Vols. I-VI. 8vo. (All pub.) (Mostly) 12 nos. per vol. There was a vol. VI, No. 7, July 1902, actually printed, but it was not mailed to subscribers. *Galesburg, Ill.*

Frank L. Burns gives the following account and appreciation of this magazine with which the Compiler agrees. 'Dr. Gill, who had withdrawn from the April and May nos., again assumed the editorship in June, upon the retirement of Dr. Coues. Beginning with Vol. V, No. 2, the chief editors were Dr. Gill and Paul Bartsch in collaboration with Robert Ridgway, Leonard Stejneger, F. A. Lucas, Chas. W. Richmond, Wm. Palmer, Harry C. Oberhalser of Washington, and Witmer Stone of Philadelphia.'

This was by far the most brilliant of all the minor [American] ornithological periodicals.

OSSENDOWSKI, FERDINAND.

[1923]. Beasts, men and gods. 8vo. pp. ix+325. front. (map). glossary. index. *New York*.

A very popular account of personal adventure. There are many references to and descriptions of Mongolian and Chinese Natural History, especially of birds. The first edition was published in August 1922, the present one in June 1923, it being the twenty-first edition!

OSTRICH (THE). Medium of Records of Members of South African Ornithological Society. Edited by Austin Roberts.

1930. Vol. I, No. 1, March. *Natal*.

OSWALD, FELIX LEOPOLD [1845-1906].

1880. Summerland sketches, or Rambles in the backwoods of Mexico and Central America. 8vo. pp. 5+425. front. 75 figs. *Philadelphia*.

Many references to the natural history of the region visited, especially to its bird life. Dr. Felix Oswald was a great nature lover and wrote many stirring chapters on the charms and benefits of outdoor life for the early volumes of the *Popular Science Monthly*.

OTTAWA FIELD NATURALISTS' CLUB.

See **CANADIAN FIELD NATURALIST**.

OTTAWA NATURAL HISTORY SOCIETY.

1866-8? Transactions.

OTTAWA NATURALIST. See **CANADIAN FIELD NATURALIST**.

OTTÉ, E. C.

1857. The Rambles of a naturalist. See **QUATRE-FAGES DE BRÉAU, JEAN LOUIS ARMAND DE**.

OTTO, WILHELM A.

1914. Praktische Vogelkunde und Vogelpflege. 32mo. pp. (16)+191. 30 pl. (col.). 2 figs. *Leipzig*.

OUDEMANS, ANTOINE CORNEILLE.

1892. The great sea-serpent. An historical and critical treatise. With the reports of 187 appearances . . . the suppositions and suggestions of scientific and non-scientific persons, and the author's conclusions. 8vo. pp. 15+592. illust. *London*.

OUDEMANS, JOHANNES THEODORUS.

1917. Dodo Studiën. (Verhandl. der Kon. Akad. Wetenskap. Amsterdam, June 1917.) In Dutch. 4to. pp. 140. 16 pl. T. of c.

An elaborate historical account of the Dodo and its allies, with bibliographies and lists of published illustrations, many of which are reproduced. Author's separate.

OUR ANIMAL FRIENDS. (American Society for the Prevention of Cruelty to Animals.) 1874?-1909? *New York*.

OUR BIRDS. Monthly. Published by Legion 1, Knights of Audubon, Holyoke, Mass. Richard S. Brooks, Editor.

1880. Vol. I, No. 1, May. 12mo. pp. 8. (All pub.)

OUR DUMB ANIMALS. (Massachusetts Society for the Prevention of Cruelty to Animals.) 1868-date. *Boston*.

OUR FEATHERED FRIENDS. Wilson B. Rector, Belington, West Va. (Allegheny and Cheat Mountain Club.)

'Publication ceased years ago' is all the information the Compiler is able to elicit.

OUR FOURFOOTED FRIENDS. (Animal Rescue League.) 1902-date. *Boston*.

OUSTALET, ÉMILE [1844-1905].

1877. See **DAVID and OUSTALET**.

1882. See **RÉVOIL, G.**

1885-91. Oiseaux. 4to. pp. 342. 6 col. pl. (Mission scientifique du cap Horn, 1882-83. Zoologie.) *Paris*.

An account of the birds observed during the French expedition to Cape Horn in 1882-3, to which is added the results obtained by other investigators in the same region. Only one new species is catalogued. The volume in hand is Prof. Reichenow's autographed copy.

-1883. Zoological sketches. 266 p., 1 pl. Phil. & Contributions to outdoor study
of nat. hist.

Osborn H. F. 1915. Impressions of Great Naturalists. 294 p. 2nd Ed. no ~~1915~~

-Audot, J. 1880. Le plumage des Autruches en Algérie. 218 p., 5 pl.

→ Quatalet, E. 1896. Les mammifères et les oiseaux des îles Mariannes.
138 p. 1 col. pl.
Catalogue méthodique des oiseaux.

→ 1893. With the Woodlanders and By the Tide. 800. London.

1896. In the Green Leaf and the Tree. 800. 15 illus. London.

1895. Wild fowl and sea fowl of Great Britain. front., pls. London.

1893. ^{10 vms A} Forest, field and fell. Bat caves near San Antonio, Texas. 221 p. London.

1894. From spring to fall. 244 p. Edinburgh.

1898. Drift from longshore. 261 p. London.

Owen. Not "Son of the Marshes", but a lady - Mrs Owen Visgers

→ 1849-84. History of British fossil reptiles. 4 to. 4 v. pls. (Subscriber's copy with
author's signature)

Owen. See, also, Tatman, Denham, whose pen name was "Son of the Marshes"

1893. See MILNE EDWARDS, ALPHONSE.

1894. See JAN-MAYEN.

→ 1922. Nos oiseaux de mer de rivière et de marais. See TERNIER, L.

1926. Les oiseaux de la Chine. See also DAVID, A. and OUSTALET, É.

n.d. Les oiseaux du Cambodge, du Laos, de l'Annam et du Tonkin. folio. pp. 76. pl. Paris. Author's excerpt from *Muséum d'histoire naturelle. Nouvelles archives*, 4^e sér.

OU-YANG HSÜN [557-645].

n.d. I wen lei chü; Encyclopedia on all kinds of subjects, including animals, birds, fishes, insects, etc., chüan 90-100. 28.2 × 18.6 cm. [G.]

OVERSIGHT OVER DET . . . FORHANDLINGER K. DANSK VIDENSKABERNES SELSKAB. 1816, (1837), 1842-date. See COPENHAGEN.

OWEN, CHARLES [fl. 1746].

1742. An Essay towards a natural history of Serpents, etc. 4to. pp. 23+240+12. 7 pl. London. A useful account of the subject written in the popular style of the period.

OWEN, JEAN A.

1892. See JORDAN, DENHAM.

→ **** and **BOULGER, G. S.**

1894-5. The country month by month. 12 vols. in 2. 12mo. London.

This is a popular account of outdoor life, especially of the birds. Several editions were published—one by Lord Lilford in 1902—most of them in the E.S.W. Library.

1895. The wild-fowl and sea-fowl of Great Britain, &c. See JORDAN, DENHAM.

**** and **HERMAN, Ó.**

1909. Birds useful and birds harmful. See HERMAN, Ó. and OWEN, J. A.

OWEN, RICHARD [1804-92].

1834. A monograph of the Ramphastidae, or family of toucans. Anatomy. See GOULD, JOHN.

This celebrated naturalist was head of the Natural History department of the British Museum, and added much to our knowledge of biology, especially of paleontology. He did not accept the more advanced concepts of the doctrine of evolution but was, nevertheless, an acute and accurate observer.

1839-43. See ZOOLOGY OF THE VOYAGE OF H.M.S. BEAGLE.

1846. A history of British fossil mammals and birds. 8vo. pp. 46+560. illust. London.

1846. Lectures on the comparative anatomy and physiology of the vertebrate animals. Part I. Fishes. (All pub.) 8vo. pp. 12+308. illust. London.

→ 1849. On the nature of limbs. 8vo. pp. (2)+119. front. 2 pl. (1 fold.). 11 figs. London.

In this discourse on animal movements, references to the wings and legs of birds will be found throughout.

1853. Descriptive catalogue of the osteological series contained in the museum of the Royal College of Surgeons. 2 vols. 4to. Vol. I, pp. xlv+350. Vol. II, pp. 351+914. London.

CONTENTS. Vol. 1. Pisces, Reptilia, Aves, Mammalia. 2. Mammalia Placentalia.

1854. A monograph of the Ramphastidae. Revised ed. Anatomy. See GOULD, JOHN.

1859. On the Classification and Geographical Distribution of the Mammalia, etc. 8vo. [O.] London.

1860. Palæontology; or, A systematic summary of extinct animals and their geological relations. 8vo. pp. xv+420. 142 figs. (1 fold.). index. Edinburgh.

1861. Palæontology or A systematic summary of extinct animals and their geological relations. 2nd ed. 8vo. pp. xvi+463. 174 figs. index. Edinburgh.

Some parts of the 1860 edition are here omitted; a little is altered; and much is added. The portion dealing with birds is unaltered.

1862. Signed, unpublished, autograph letter of two pages on natural history subjects, written to Prof. Scherzer. In the Blacker Library.

1862. On the extent and aims of a National Museum of natural history. 8vo. pp. 4+126. illust. London.

1863. Monograph of the Aye-Aye. 4to. London.

1865. Memoir on the Gorilla. 4to. London.

1866. Memoir on the dodo (*Didus ineptus*, Linn.); with an historical introduction by W. J. Broderip. folio. pp. [6]+55. 12 pl. (2 col., 1 fold.). 5 figs. London.

The author's memoir, revised and augmented, with reprints of W. J. Broderip's papers on the Dodo. The present copy is a presentation one from the author to His Royal Highness the Duke of Cambridge.

1866-8. On the anatomy of vertebrates. 3 vols. 8vo. Vol. I, pp. xlii+650. 452 figs. bibliogr. Vol. II, pp. viii+592. 406 figs. bibliogr. Vol. III, pp. x+915. 613 figs. bibliogr. 2 indexes. London.

The present work completes the outline of the *Organization of the Animal Kingdom*, which was begun in 1843.

1879. Memoirs on the extinct wingless birds of New Zealand; with an appendix on those of England, Australia, Newfoundland, Mauritius, and Rodriguez. 2 vols. 1 vol. text. 1 vol. plates. folio. pp. 10+465+25. 128 pl. London.

A classic treatise comprising text of a series of 41 chapters, with a volume of plates, in which all that is known of the subjects above is fully expounded. The osteology of the extinct birds is especially well treated and illustrated.

n.d. Aves. 4to. pp. 94. illust. (Todd's *Cyclopaedia of Anatomy and Physiology*, vol. 1.)

n.d. Description of the skeleton of the Great Auk, or Garfowl (*Alca impennis*, L.). folio. pp. 19. pl. London.

OWEN. (Son of the Marshes.)

1892. Within an hour of London town. Among wild birds and their haunts, by a son of the Marshes. pp. 314. London.

A popular work by this well-known writer.

OWL, THE. Issued by Chapter 711, Agassiz Association. Devoted to the Cause of Increasing an Interest in Natural History, especially among Young Folks. H. Pearl Peck and Edward Wait, Editors. Quarterly.

1885-8. 3 vols. 8vo. (All issued.)

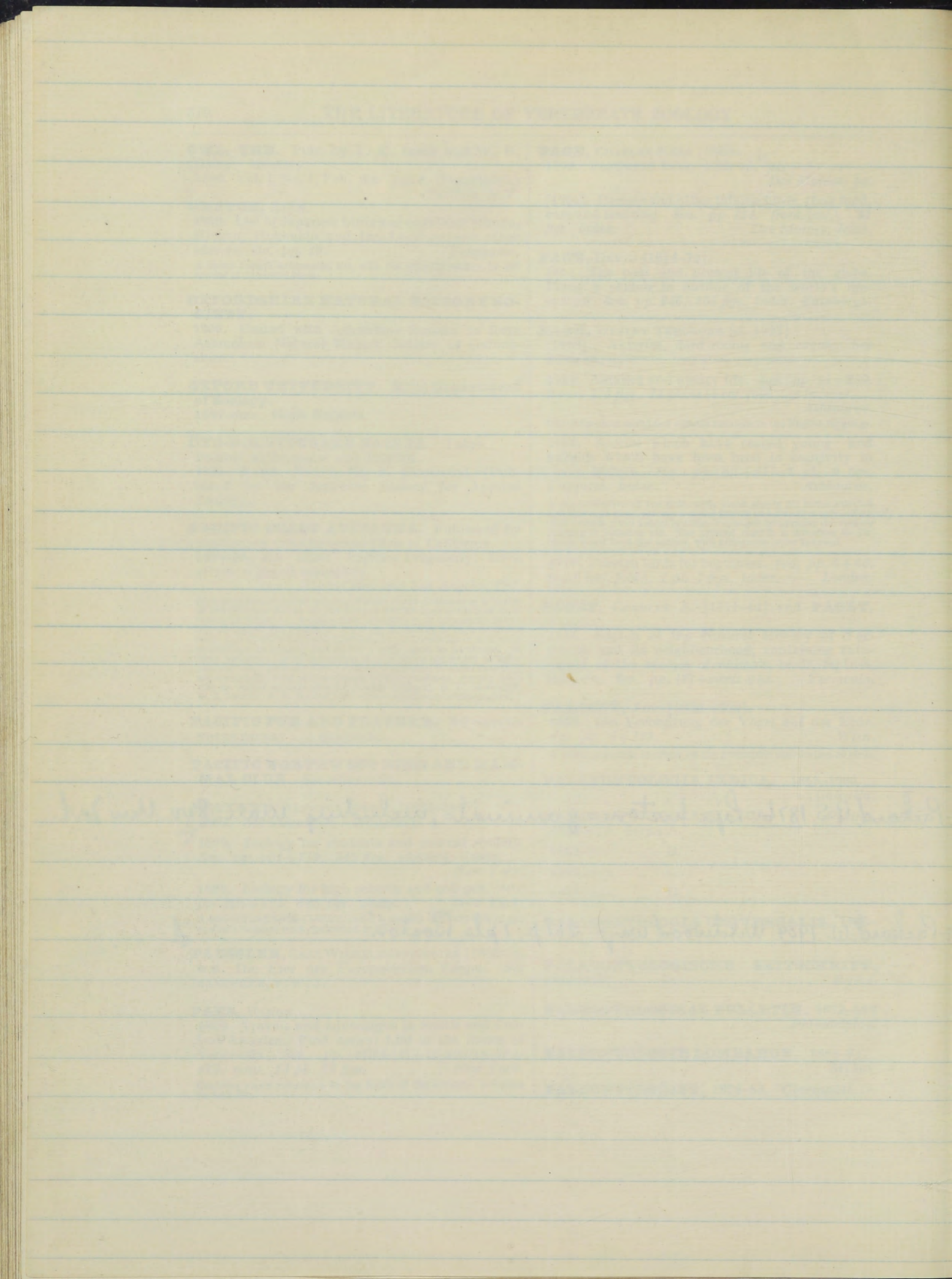
Glen Falls, N.Y.

Jean A. (Mr. Owen's son) 1842-1922

- OWL, THE.** Pub. by F. E. Birch and W. B. Daley. Monthly.
1890. Vol. I, No. 1, Feb. 8vo. pp. 4. (Suspended.)
Chatham, N. Y.
- OWSTON, ALAN.**
1908. List of Japanese birds and eggs from Hondo, Kiushu, Hokkaido and the Loochoo and other islands. 4to. pp. 10. Yokohama.
A useful though commercial list, with the scientific names, of 465 species of Japanese birds.
- OXFORDSHIRE NATURAL HISTORY SOCIETY.**
1900. United with Ashmolean Society to form Ashmolean Natural History Society of Oxfordshire.
- OXFORD UNIVERSITY. Hope Department of Zoology.**
1897-date. Hope Reports.
- ÖYO-DOBUTSUGAKU-ZASSHI.** Tokyo.
Printed in Japanese and English.
1930. March. Vol. 2, No. 1. Illustrated. (Published by the Japanese Society for Applied Zoology.)
- PACIFIC COAST AVIFAUNA.** Published by the Cooper Ornithological Club of California.
1900-30. 8vo. *illust.* Appears irregularly. Each article is paged separately.
Santa Clara and Los Angeles, Cal.
As stated in the initial volume, *Pacific Coast Avifauna* is a 'series of publications issued by the Cooper Ornithological Club of California for papers . . . whose length prohibits their appearance in the official organ, *The Condor*'. They are all essays of high scientific value and constitute definite additions to our knowledge of American ornithology in general and of the Pacific coast in particular. In most instances the contributions to this series are issued as independent volumes in the form of authors' reprints, in which case they are separately listed and annotated in this *Catalogue*. Among them will be found monographs by Joseph Grinnell, R. C. McGregor, H. S. Swarth, A. B. Howell, and other well-known ornithologists.
- PACIFIC FUR AND FEATHER.** See NATURE NOTES DIGEST . . . FEATHER.
- PACIFIC NORTHWEST BIRD AND MAMMAL CLUB.** See MURRELET.
- PACKARD, ALPHEUS SPRING** [1839-1905].
1868. See AMERICAN NATURALIST.
→ 1879. Zoology for students and general readers. 8vo. pp. viii+719. 545 figs. *glossary. index.*
New York.
1889. Zoology for high schools and colleges. 8vo. pp. viii+722. 545 figs. *index.* New York.
A seventh and revised edition under a slightly different title of the author's original work, published in 1879.
- PAESSLER, CARL WILHELM GOTTFRIED** [1809-].
n.d. Die Eier der Europäischen Voegel. See BAEDER, F. W. J.
- PAEZ, RAMON.**
1868. Travels and adventures in South and Central America. First series: Life in the llanos of Venezuela. 8vo. pp. viii+(2)+ix-xlviii+48+473. *map. 13 pl. 19 figs.* New York.
Contains many references to the fauna of the country, including its bird life.
- PAGE, CHARLES NASH** [1860-].
1898. Feathered Pets. 12th ed. *pl.*
Des Moines, Ia.
[1906]. Parrots and other talking birds, their food, care and training. 8vo. pp. 124. *front. (col.). 31 figs. index.* Des Moines, Iowa.
- PAGE, DAVID** [1814-79].
1861. The past and present life of the globe. Being a sketch in outline of the world's life-system. 8vo. pp. 256. 205 figs. *index.* Edinburgh.
- PAGE, WESLEY THEODORE** [d. 1923].
[1910]. Aviaries, bird-rooms and cages. See NORMAN, H.
1912. Aviaries and aviary life. 8vo. pp. xi+239. *front. 173 figs. 14 plans (1 col. fold.). 2 indexes.* Ashbourne.
One of the most useful and reliable manuals in the English language.
1914. Species which have reared young; and hybrids which have been bred in captivity in Great Britain. 8vo. pp. vii+55. 4 *pl. 9 figs. 3 append. index.* Ashbourne.
A list indicative of the title, with blank sheets for notes inserted opposite each page, arranged under Orders and Families only. With each order is given a short heading or synopsis comprising the various families it includes, etc. The present copy is a donation to Dr. Casey Wood from the author, with autograph letter inserted.
1919. Foreign birds for beginners. 8vo. pp. 6+60. *front. (col. fold.). 7 pl. 7 figs. index.* London.
- PAGET, CHARLES J.** [1811-44] and **PAGET, JAMES.**
1834. Sketch of the Natural History of Yarmouth and its neighbourhood, containing catalogues of the species of animals, birds, reptiles, fish, etc. 8vo. pp. (2)+xxxii+88. Yarmouth.
- PALACKÝ, JAN.** [1830-1908].
1885. Die Verbreitung der Vögel auf der Erde. 4to. pp. 4+128. Wien.
A useful, scientific discourse on the geographic distribution of birds.
- PALAEONTOLOGIA INDICA.** 1865-1900.
Calcutta.
- PALAEONTOLOGIA SINICA.** Peking.
1922-date. Series A.
1922-date. „ B.
1924-date. „ C.
1923-date. „ D.
- PALAEONTOLOGIA UNIVERSALIS.** 1903-12.
Laval.
- PALAEONTOLOGISCHE ZEITSCHRIFT.** 1913-date.
Berlin.
- PALEONTOLOGICAL BULLETIN.** 1872-85?
Philadelphia.
- PALÉONTOLOGIE LOMBARDE.** 1858-81.
Milan.
- PALEONTOLOGIST.** 1878-83. Cincinnati, O.

← Packard, G. S. 1876. Life histories of animals, including man. 8vo. New York.

← Packard, W. 1909. Wildwood ways. 261 p., 7 pls. Boston.



PALESTRA SCIENTIFICA DO RIO DE JANEIRO.

1858. Archives.

PALLARD, A. W. and REDGROVE, G. R.

1926. Short-Title Catalogue of Books printed in English, 1475-1640. 4to. (Bibliog. Soc.) London.

PALLAS, PETER SIMON [1741-1811].1766. P. S. Pallas . . . Miscellanea Zoologica, etc. 4to. pp. 12+224. 14 pl. *Hagae Comitum.*One of the earliest writings (on rare species) of this famous naturalist. The matter in the present volume was incorporated in his *Spicilegia Zoologica*.1767. *Spicilegia zoologica quibus novae imprimis et obscurae animalium species iconibus, descriptionibus atque commentariis illustrantur.* 2 vols. 4to. *illustr.* Berlin.1767-70. Dierkundig mengelwerk, in het welke de nieuwe of nog duistere soorten van dieren door naauwkeurige afbeeldingen, beschrijvingen en verhandelingen opgehelderd worden. 4to. 10 col. pl. *Utrecht.*This is Pallas' Miscellany, issued in 6 parts. It includes original descriptions of some marine forms that still bear the specific names given to them by the author. The complete set is very rare—no copy listed in the *Cat. Br. Mus. (Nat. History)*.1771-6. Reise durch verschiedene Provinzen des Russischen Reichs (1768-74). 3 pts. (vols.). 4to. *illustr.* St. Petersburg.To each volume of these journeys there is an appendix dealing with the natural history. Several subsequent editions and translations (one into English, Lond., 1802-3, 2 vols., *illustr.*) of this classic work have appeared. The French translation, eight volumes and an Atlas, edited and amended by Lamarck and others, appeared in 1794.

1774-84. See GMELIN, S. G.

1778. *Novae species quadrupedum e glirium ordine, cum illis variis complurium ex hoc ordine animalium.* 4to. pp. 8+388. 39 pl. *Erlangae.*1778. *Miscellanea Zoologica.* 4to. pl. *Lugd. Batav.*
A later printing of the 1766 edition.1778-9. *Naturgeschichte merkwürdiger Thiere, in welcher vornehmlich neue und unbekannte Thierarten durch Kupferstiche, Beschreibungen und Erklärungen erläutert werden.* 2 vols. 8vo. *illustr.* Berlin.

One of the noteworthy treatises on animal life by this celebrated traveler and naturalist.

1794. *Voyages du professeur Pallas, dans plusieurs provinces de l'empire de Russie et dans l'Asie septentrionale; tr. de l'Allemand par M. C. Gauthier de la Peyronie. Nouv. éd., rev. et enrichie de notes par les CC. Lamarck . . . [et] Langlès.* 8 vols. and atlas. 8vo and folio. *Paris.*A French edition of Pallas' famous *Reise*, with valuable notes by other naturalists.ca. 1800. *Dierkundige besch. eeniger soorten van zeldzame dieren.* 6 stukken (in 1 vol.). 4to. 10 col. pl.
One of the many editions of the author's *Dierkundig Mengelwerk*.1811-42. *Zoographia Rosso-Asiatica, sistens omnium Animalium in extenso Imperis Rossico et adjacentibus maribus, etc.* 3 vols. 4to. *illustr.* (Wanting.) *Petropoli.*According to the *Cat. Br. Mus. (Nat. Hist.)*, p. 1505, the first two volumes of this classic were completed shortly after the author's death; that on fishes—extended by G. T. Tilesius—was finished in

1814. The plates were published 1834-42. The second edition, three volumes and atlas (1831), practically identical with the above is in the Blacker Library. Thereafter several partial reprints and addenda were published.

1831. *Zoographia rosso-asiatica.* 2nd ed. 4 vols. *✓ entd. ✓*
4to. 3 vols. text. 1 vol. atlas. 48 pl. *Petropoli.***PALLASIA.***Dresden.*1923-date. No. 1 as *Zoologica Palæarctica.***PALMÉN, JOHAN AXEL [1845-1910].**1873. *Finlands Foglar . . . beskrifna af M. von Wright, etc.* pp. 17+681+4. *Helsingfors.*Actually vol. XXII of *Finlands Natur*, but often published separately. See also WRIGHT, M.1874. *Om foglarnes flyttningsvägar.* *Helsingfors.*1876. *Ueber die Zugstrassen der Vögel.* 8vo. pp. vi+292. map (col. fold.). *Leipzig.*A study of the migration of Palaearctic birds, partly new and partly translated from the author's *Om Foglarnes Flyttningsvägar*, *Helsingfors*, 1874.1879-88. *Finska Fogelägg.* See SUNDMAN, GÖSTA.1887. *Bidrag till kännedomen om Sibiriska Ishafskustens Fogelfauna, enligt Vega-Expeditionen iakttagelser och samlingar.* 8vo. pp. 4+267. tab. *Stockholm.***PALMER, A. H.**1895. *The Life of Joseph Wolf, Animal Painter.* 8vo. pp. 18+328. *illustr.* London.

This admirable biography of a famous artist gives the reader many fine pictures of animal life as well as a complete list of the numerous, well-known works which Wolf illustrated with his facile pen and brush.

PALMER, CHARLES AMBROSE.1914. *Wild life in the woods & streams; rambling letters.* 8vo. pp. xv+205. 8 pl. 50 figs. *append.* London.

Tales of birds and other animals suitable for young people.

PALMER, THEODORE SHERMAN [1868-].

1893. See DEATH VALLEY EXPEDITION.

1896. *The jack rabbits of the United States.* 8vo. pp. 84. 4 pl. 3 maps. text-figs. *Washington.*

Author's edition of an interesting monograph. A revised issue appeared in 1897.

1900. *Laws regulating the transportation and sale of game.* 8vo. pp. 89. front. (map). 8 pl. (maps and diagrs.). *index.* Washington, D.C.1902. *Legislation for the protection of birds other than game birds.* 8vo. pp. 143. 3 pl. (maps). 7 figs. (1 map). *index.* Washington, D.C.

A revised edition of Bulletin No. 12, Biological Survey, issued in 1900, in which some new matter has been added, with corrections necessary to bring the work down to 1902.

1904. *Index generum mammalium; a list of the genera and families of mammals . . . prepared under the direction of Dr. C. Hart Merriam.* pp. 984. *indexes.* Washington.This comprehensive, indispensable, and alphabetically arranged catalogue of genera includes orders and families. It was issued as *North American Fauna*, No. 23, but its value as a book of reference demands special mention here.1922. *Game as a national resource.* 8vo. pp. 48. 4 figs. (maps). *Washington, D.C.*

Bulletin summarizing present information on some of the larger problems of American game conservation both national and international. It is prepared for use in legislation especially.

PALMER, WM.

1898-9. See UNITED STATES. BUREAU OF FISHERIES.

PALMSTRUCH, JOHAN WILHELM [1770-81].
1806-9(25). *Svensk Zoologi* . . . of C. Quensel, etc.
2 vols. 8vo. 72 col. pl. *Stockholm*.

This scarce but quite important treatise on the zoology of Sweden was begun by G. J. Billing. The text was written for Heft 1 by C. Quensel, after whose death it was continued by O. Swartz. Heft 12 was supplied by J. W. Dalman.

PANDER, CHRISTIAN HEINRICH [1794-1865] and
ALTON, J. W. E. D.

1821-38. *Vergleichende Osteologie*, etc. 2 vols.
ob. folio. *illustr.* (Wanting.) *Bonn*.

An early but very important, profusely illustrated work on comparative osteology, including all the subclasses of vertebrate zoology.

1856. *Monographie der fossilen Fische des silurischen System der Russisch-Baltischen Gouvernements*. 4to. pp. 10+91. 9 pl. *St. Petersburg*.

A useful contribution to the paleontology of the Russian Empire.

PANSCH, ADOLF [1841-87]. 1873-4. See HARTLAUB and LINDEMAN, eds.

P'AN TZŪ-MU [12th cent.].

1579. *Chi tsuan yüan hai*. A classified encyclopedia, with material on animals, birds, butterflies, aquatic creatures, etc., chüan 97-100. 26-2 × 17 cm. [G.]

PANUM, PETER LUDWIG [1820-85].

1860. *Untersuchungen über die Entstehung der Missbildungen zunächst in den Eiern der Vögel*. 8vo. pp. 12+260. 12 pl. (107 figs.). *Berlin*.

An important work on malformations in the eggs of birds, with chapters on the causes of their abnormal development. The volume is a valuable contribution to comparative embryology.

1880. *Naturvidenskabernes Udvikling i Danmark 1648-1766*.

A report of the University program during the stated period.

PAPEZ, JAMES WENCESLAS [1883-].

1929. *Comparative Neurology*. 8vo. pp. 554. 315 *illustr.* *New York*.

An introductory laboratory course on the form of the [vertebrate] nervous system, that furnishes the best outline in English of an important subject. This useful treatise is divided into three parts: the gross structure of the brain of animals; the microscopic structure of the mammalian nervous system, and the brains of lower vertebrates, including amphioxus, fishes, and amphibians.

PAPPENHEIM, P.

1901-3. See GERMANY. *Deutsche Südpolar-Expedition*.

1909. See BRAUER, AUGUST.

PAQUET, HENRI REMI RENÉ [1845-], (*pseud.*)
NÉRÉE QUÉPAT.

1873. *Monographie du chardonnerat*. 8vo. pp. 4+46. *illustr.* *Paris*.

A complete account of the Goldfinch, 'le plus bel oiseau d'Europe'.

1874. *Ornithologie Parisienne; ou, Catalogue des oiseaux sédentaires et de passage qui vivent à l'état sauvage dans l'enceinte de la Ville de Paris*. 8vo. pp. 65+2. *Paris*.

1875. *Monographie du cini*. 8vo. pp. 2+59. 2 col. pl. *Paris*.

The Serins are systematically dealt with in the above monograph, the author claiming that these common birds have been neglected by writers.

→ 1899. *Ornithologie du Val de Metz. Vogelkunde des Metzter-Thals*. 8vo. pp. 7+175. *Paris*.

A scientific account of the birds that frequent the Woippy territory, including the Metz region. Both the vernacular and systematic names are given. From the Cabanis-Reichenow collection.

PARÁ, BRAZIL. See MUSEO GOELDI DE HISTORIA NATURAL.

→ **PARIS, PAUL**.

1906. *Les oiseaux d'Europe, tableaux synoptiques*. 12mo. pp. 248+2. 25 pl. figs. in text. *Paris*.

A handy pocket manual, in tabular form, for the use of students and ornithologists in the field. 560 species and subspecies are listed, most of them depicted in the text.

1907. *Catalogue des Oiseaux observés en France*. 8vo. pp. 87. *Paris*.

PARIS.

1687-1702. *Académie des sciences*. The natural history of animals, containing the anatomical description of several creatures dissected by the Royal Academy of sciences at Paris . . . done into English by [Alexander Pitfield]. Extra engr. t.-p. dated 1687 called 'Memoires for a natural history of animals'. folio. *London*.

1836-77. *Annales des Sciences Naturelles de Paris: Zoologie et Paleontologie*.

1839-56. *Archives du Muséum d'Histoire Naturelle*. Publiées par les Professeurs-Administrateurs de cet Établissement. Vols. I-VIII. 4to.

1865-74. *Nouvelles Archives*. Vols. I-X.

1854-69. *Société Zoologique d'Acclimatation*. [First Series], 10 vols. Second Series, vols. I-VI. 8vo.

1922-30. *Fédération des groupements français pour la protection des oiseaux*. Bulletin. 4to. *illustr.* *Paris*.

See also INSTITUT DE FRANCE.

See also MUSÉUM D'HISTOIRE NATURELLE.

PARK, CARTON MOORE.

1900. *A Book of Birds*. folio. no p. 26 half-tone pl. *London*.

Popular, artistic pictures of 26 birds with short descriptive text on opposite sheets.

PARKER, ERIC [1870-].

1918. *Shooting days*. 8vo. pp. x+344. *index.* *London*.

Dealing with the sport of shooting game and wildfowl in Great Britain, but from the viewpoint of the naturalist, rather than of the expert with the gun.

PARKER, THOMAS JEFFREY [1850-97].

1900. *A course of instruction in zootomy (vertebrata)*. 8vo. pp. xxiii+397. 72 figs. *index.* *London*.

A continuation of the zoological part of Huxley and Martin's *Elementary Biology*. It has been several times reprinted.

**** and **HASWELL, W. A.**

1910. *A text-book of zoology*. 2nd ed. 2 vols. 8vo. Vol. I, pp. xxxix+839. 704 figs. *index.* Vol. II, pp. xx+728. figs. 705-1241. *append. index.* *London*.

**** and **PARKER, W. N.**

1920. *An elementary course of practical zoology*. 12mo. pp. xii+638. 168 figs. *index.* *London*.

**** and **HASWELL, W. A.**

1920. *A manual of zoology*. 8vo. pp. xxv+563. 327 figs. *index.* *New York*.

← Parodio, J. G. ^{1724.} S. J. Dell'anima delle bestie e sue funzioni.
Trattato nel quale si disputa se gli animali
bruti siano mere macchine automate senza
cognizione, se senso come gli orologi.
Prelata dal francese ed aggiunto un capitolo
estratto dal trattato dell'anima delle Bestie
del Sig. A. D. ** (A. Dilly, prete) 1^a impr.
Venezia, Politi, ~~1724~~, pet. in-8. Cart.

← Paolucci, Luigi ^{1828.} Il canto degli ucelli. Note di fisiologia
di biologia zoologica in rapporto alla
sulla sessuale e alla lotta per l'esistenza
Milano. ~~1828~~ in-8. D. veau (181137)
123 pp. ch.

← 1889. Le chasseur d'Alouettes au miroir et au fusil. 8vo. Paris,

→ Passerini, C. 1841. Moltiplicazione in Firenze da 1837-39, dell' uccello americano *Paroaria cucullata*. 1 col. pl.

→ 1822. Study of fossil organic remains. 10 pls.

→ Parley Peter. 1835. *Fables of Animals*. 5th Ed. num. ill. small 8vo.

→ Patten, C. J. 1929. *Story of the birds. A guide to the study of the structure and life of birds*. 8vo. pp. 500, illus., maps. Sheffield.

→ Patterson, A. H. 1905. *Nature in eastern Norfolk*. 1st ed. 12 col. pls.

→ *Parrots*. 48 coloured plates.

- PARKER, WILLIAM KITCHEN** [1823-90].
1868. A monograph on the structure and development of the shoulder-girdle and sternum in the Vertebrata. 4to. pp. xi+299. 30 pl. (col.). 21 figs. index. London.
Reprinted by the Ray Society.
1873. On Ægithognathous Birds. 9 pl. London.
- **** and **THOMSON, C. W.**
1880-95. See CHALLENGER, VOYAGE OF.
1890. On the Morphology of the Duck and Auk tribes. 9 pl. Dublin.
1891. On the morphology of a reptilian bird, *Opisthocomus cristatus*. folio. pp. 43. pl. London.
- PARKHURST, HOWARD ELMORE** [1848-].
1894. The birds' calendar. 8vo. pp. viii+351. 23 pl. index. New York.
1897. Song birds and water fowl. 8vo. pp. viii+286. 18 pl. index. New York.
- PARKINSON, JAMES** [1755-1824].
→ 1833. Organic remains of a former world. 2nd ed. 3 vols. 4to. col. pl. and text-figs. indexes. London.
- **PARREIDT, REINHOLD** [1877-].
1901. Beiträge zur anatomie des auges . . . und zur entwicklung des pekten im vogelauge. folio. pp. 28. 11 pl. Leipzig.
Inaugural dissertation, Leipzig.
- PARROT, CARL.**
1903. Ornithologische Wahrnehmungen auf einer Fahrt nach Aegypten. 8vo. pp. 50. München.
1905-14. Genera Avium. See WYTSMAN, P.
- **PARRY, WILLIAM EDWARD** [1790-85].
1828. Narrative of an attempt to reach the North Pole in boats . . . [from] H.M.S. Hecla in 1827. 4to. pp. 22+229. 6 pl. 2 maps. London.
One of several accounts of Parry's celebrated voyages to the North Pole, appendices to which describe the zoology of the regions visited, in this instance by J. C. Ross. The fauna of the 1818 voyage ('Hecla' and 'Griper') was described by E. Sabine; that of 1821-3 ('Fury' and 'Hecla') by J. Richardson; of the same ships in 1824-5 by J. C. Ross.
- PARSONS, JAMES** [1705-70].
1747. (Die) natürliche Historie des Nashorns, welche von Doctor Parsons in einem Schreiben an Martin Folkes . . . und aus dem Englischen in das Deutsche übersetzt worden von G. L. Huth. 4to. pp. 16. 3 pl. Nürnberg.
- PARZUDAKI, ÉMILE.**
1856. Catalogue des oiseaux d'Europe offerts en 1856 aux ornithologistes. 4to. pp. [2]+25. Paris.
This is a briefly annotated, systematic list of the birds of Europe to which is added an appendix treating in the same fashion the birds of Algiers; and a second appendix listing exotic birds acclimatized in Europe. Finally, a list of migrants. From the P. L. Sclater collection.
- PASADENA ACADEMY OF SCIENCES.**
1897-8. Publications. (All pub.?) No. 1. Joseph Grinnell, Report on the birds recorded during a visit to the islands of Santa Barbara, San Nicolas and San Clemente, in the spring of 1897. No. 2. Birds of the Pacific Slope by J. Grinnell, pp. 52, 1898.
- PASCAL, T.**
1915. Manuale teorico pratico d'avicoltura. 12mo. pp. 280. illust. Catania.
- PASCOE, FRANCIS POLKINGHORNE** [1813-93].
1885. List of British vertebrate animals. 16mo. pp. 12+85. index. London.
- PASHLEY, H. N.** [1843-1925].
1925. Notes on the birds of Cley, Norfolk. 8vo. pp. 8+138. 2 pl. London.
- **PATCH, EDITH MARION** [1876-].
1922. Bird stories. 8vo. pp. 212. 38 figs. Boston.
- PATERSON, WILLIAM** [1755-1810].
1789. A narrative of four journeys into the country of the Hottentots, and Caffraria. 4to. pp. 12+171. 17 pl. map. London.
- PATON, E. RICHMOND.**
1908. See PIKE, O. G.
1925. The birds of Hareshawmuir (Ayr, 140 species). 8vo. pp. 125. map. index. Kilmarnock.
- **** and **PIKE, OLIVER G.**
1929. The Birds of Ayrshire [235 species]. 8vo. pp. 20+228. 24 pl. text-figs. index. London.
- PATTEN, CHARLES JOSEPH.**
1902. The Aquatic Birds of Great Britain and Ireland. 8vo. pp. 30+590. 56 pl. London.
1906. The aquatic birds of Great Britain and Ireland. 8vo.
Second edition, with appendices. The editio princeps was issued in 1902.
→ 1931. Triumphs in Bird-Life. 8vo. pp. 58. London.
- PATTEN, WILLIAM** [1861-].
1912. The evolution of the vertebrates and their kin. 4to. pp. 21+486. illust. Philadelphia.
- **PATTERSON, ROBERT** [1802-72].
1852. Introduction to zoology, for the use of schools. 2 pts. 12mo. 330 figs. London.
The first issue appeared in 1846, with a twenty-eighth thousand in 1863.
- PATTERSON, ROBERT LLOYD.**
1880. Birds, Fishes, etc., of Belfast Lough. 8vo. pp. 267. map. Belfast.
1881. The birds, fishes & cetacea of Belfast Lough. 2nd ed. London.
- PAULLI, SIMON** [1865-].
1899. Om Pneumaticiteten af Kraniet hos Pattedyrene; en morfologisk Studie. 8vo. pp. 6+178. illust. Kjøbenhavn.
- PAULLINI, CHRISTIAN FRANZ** [1643-1712].
1685. Cynographia curiosa seu Canis Descriptio, etc. 4to. [O. 3631.] Norimb.
1695. De Asino. 8vo. Frankofurti ad Moenum.
The author, a physician-naturalist, was better known as a botanist but wrote several monographs on vertebrates as the foregoing titles show—from the Osler Library.
- PAULSEN, J. H.**
1854. Ornithologischer Beitrag zur Fauna Groenlands. See HOLBÖLL, C. P.
- PAUW, JOHANN CORNELIUS DE.** 1730. See PHILES.

PAYNE-GALLWEY, RALPH WILLIAM FRANKLAND [1848-1916].

1882. *The fowler in Ireland*. 8vo. pp. 13+503. 17 pl. text-figs. London.

The works of this author describe effective methods of reducing the wild bird population by more or less discriminating slaughter. His incidental contributions to natural history, that sometimes palliate the deeds of the so-called 'sportsman', are not of much scientific value.

1886. *The book of duck decoys, their construction, management and history*. 4to. pp. 10+214. 15 col. pl. 24 text-figs. London.

1896. *Letters to young shooters, third series, comprising a short natural history of British wildfowl and complete directions in shooting wildfowl*. 8vo. pp. 29+630. 37 pl. 164 text-figs. London.

1913. *High pheasants in theory and practice*. 8vo. pp. vi+79. 7 figs. T. of c. London.

PEABODY, WILLIAM BOURNE OLIVER [1799-1847].

1839. See MASSACHUSETTS. Reports on the fishes, reptiles and birds of Massachusetts.

PEABODY MUSEUM OF SALEM.

Salem, Mass.

1867-87. Annual Report.

1869-86. *Memoirs of the Peabody Academy of Sciences*.

PEALE, TITIAN RAMSAY [1800-85].

1845-76. See UNITED STATES. VOYAGES, WILKES EXPEDITION.

1848. *United States Exploring Expedition. During the years 1838, 1839, 1840, 1841, 1842. Under the command of Charles Wilkes, U.S.N. Vol. VIII. Mammalia and Ornithology by Titian R. Peale*. 4to. Pt. I, pp. (4)+v-xxv+17-57. 9 figs. Pt. II, pp. 58-299+(3)+303-38. 12 figs. Philadelphia.

The above is the title of a photostat copy of the original edition which is very rare, the present entry having been prepared from a copy in the library of the U.S. National Museum. It is an account of the expedition, which visited numerous localities in a voyage around the world, vol. VIII being originally prepared by Peale, the ornithologist and mammalogist of the expedition, and which was published in 1848, without the plates, however, which he had prepared. The volume was suppressed and replaced by *Mammalogy and Ornithology* by John Cassin, 1858, with a folio atlas. In the preface to this later volume, the author says: In 1851 I was engaged . . . to superintend the preparation of plates for the Atlas of Mammalogy and Ornithology . . . and subsequently to prepare the present volume . . . From the notes and observations of Mr. Titian R. Peale . . . much . . . has been derived . . . Many of the drawings [for the plates of the Atlas] were made by Mr. Peale.' In the present collation, part I refers to the mammals, and part II to the birds, pp. 58-299, the remainder of the volume, pp. 303-38, consisting of a catalogue of the specimens obtained, mammals, etc., 84, birds 762.

[1924]. Typed copy of the (suppressed) introduction to [as well as a history, both manuscripts in the handwriting of the author] . . . the United States Exploring Expedition under command of Charles Wilkes, U.S.N. No. VIII. Mammalia and ornithology. folio. n.p.

The original of this 'Introduction' to Peale's volume of 1848 is in the library of the *American Museum of Natural History*, together with a MS. copy of the report itself, both in T. R. Peale's handwriting. Whether they are the actual originals of Peale's MS., or only a draft, Dr. C. W. Richmond says he does not know, but as they are done in Peale's hand they are presumably authentic. The MS. of the report has some notes and memoranda that did not appear in the printed volume. The 'Introduction' was suppressed in the printed volume. The above typed copy was made by Dr. Chas. R. Richmond for Dr. Casey Wood on January 4, 1924.

PEARLESS, Mrs. ANNE (born PRATT) [1806-93]. 1852. *Our native songsters*. 12mo. pp. 8+350. 72 col. pl. figs. in text. T. of c. London.

An interesting popular account of British song-birds (that ran through several editions) interspersed with numerous personal observations about them.

1857. *Our native songsters*.

Another printing, identical with the edition of 1852.

PEARSE, ARTHUR SPERRY [1877-].

1926. *Animal Ecology*. 1st ed. 8vo. pp. 9+417. New York.

Introductory manual with a good bibliography on titles relating to the life-conditions of animals.

**** and **HALL, F. G.**

1928. *Homiothermism; the origin of warm-blooded vertebrates*. 8vo. pp. 10+119. illust. New York.

PEARSON, EDWIN.

1868. *Catalogue of . . . collection of books and wood engravings by, or relating to Thomas and John Bewick*. 4to. pp. iv+57. 23 figs. London.

PEARSON, HENRY J. [1850-].

1899. 'Beyond Petsora eastward'; two summer voyages to Novaya Zemlya and the islands of Barents Sea. 8vo. pp. xiv+335. front. (col., eggs). 88 pl. 8 figs. 7 append. index. London.

The text is principally ornithological. Appendix G, pp. 311-24, containing an annotated list of the species of birds observed by the party.

1904. *Three summers among the birds of Russian Lapland*. 8vo. pp. 16+216. 68 pl. 2 append. index. London.

PEARSON, LEONARD [1868-] and **WARREN, B. H.**

1897. *Diseases [and enemies] of poultry*. 2 vols. 8vo. Indexes. Vol. I, pp. 116. 2 pl. (col.). 39 figs. Vol. II, pp. xxiv+750. 93 pl. (col.). 8 plain. Harrisburg, Pa.

PEARSON, THOMAS GILBERT [1873-].

1901. *Stories of bird life*. 12mo. pp. 236. 79 figs. T. of c. 2 append. Richmond, Va.

An early appeal for an intimate and universal study of bird life by this well-known naturalist, now the active head of the *National Association of Audubon Societies*.

**** and others.

1917. *Birds of America*. 3 vols. 4to. index. Vol. I, pp. xviii+272. front. (col.). 40 pl. (col., 2 eggs). 208 figs. in text. Vol. II, pp. xiv+271. front. (col.). 36 pl. (col., 1 egg). 195 figs. Vol. III, pp. xviii+289. front. (col.). 31 pl. (col., 1 egg). 177 figs. (2 maps, 2 charts). glossary. bibliogr. New York.

This admirably illustrated and well-written treatise certainly 'meets the demand for a single work which will present a complete review of what is known to-day about American birds'.

1917. *The bird study book*. 8vo. pp. xv+258. front. (col.). 16 pl. 26 figs. Garden City, N.Y.

This is the first edition; an identical reissue was made in 1919.

1918. *Tales from birdland*. 8vo. pp. (12)+237. front. (col.). 45 figs. Garden City, N.Y.

****, **BRIMLEY, C. S.**, and **BRIMLEY, H. H.**

1919. *Birds of North Carolina*. 8vo. pp. xxiii+380. 24 pl. (col.). map. 276 figs. append. 3 indexes. Raleigh, N.C.

^a Pearse, A.S.
← Pearse Environment and life. Springfield. 1930

871. Auger's garland and Fisher's delight. 800. woodcuts.

↔ Peelmeu, V. 1931. Gastropoda from the upper Jurassic and lower
Cretaceous Beds of the Crimea. 15 pl. Pbl 9-

± 1931. The Permian-carboniferous Beds of the Crimea
Pl. 1 Pl. Pbl. 7-

Peattie, Donald C. Green Laurels. Small 4to. Cl. pp. 368. Index - N. Y. 1936.

→ Peking Nat. Hist. Bulletin, Hotel de Peking, Peking, China - Complete set 1 cont.?

→ Pellegrin, 1904. Contribution à l'étude de poissons des Cichlides. 4 pl. Lille.

→ Peckener, 1898. Rech. morph. et phylogén. s. l. Mollusques, 24 pls.

→ 1883. Brasil. Zoogeographie v. Mattheus Reise. Wien.

1919. Birds of field, forest and park. See GILMORE, A. F.

1927. Bulletin of The International Committee for Bird Protection. 8vo. pp. 52. *cults in text.* New York.

Short papers by representatives of Europe and America on this important study, with an account of the organization.

PEASE'S FEATHERED WORLD. Monthly Journal devoted to Cage Birds, etc. Vol. I, No. 1 (?), July, 1883; No. 2 (?), Aug. 1883; No. 3, Sept. 1883. (All issued?)

→ PÊCHE MARITIME. 1918-date. Paris.

PÊCHE ET PISCICULTURE. 1891-1914? Brussels.

PÊCHEUR. 1889-date. Paris.

PECHUËL-LOESCHE, EDUARD [1840-]. 1890-3. See BREHM, A. E.

PEEK, HEDLEY. See (THE) ENCYCLOPEDIA OF SPORT.

PEEL, CHARLES VICTOR ALEXANDER. 1900. Somaliland; being an account of two expeditions into the far interior together with a complete list of every animal and bird known to inhabit that country, and a list of the reptiles collected by the author. 8vo. pp. xv+345. front. 7 pl. 38 figs. 1 map (fold.). *append. index.* London.

PEKIN NATURAL HISTORY SOCIETY. 1926-9. Bulletin. Vols. 1-3. 4to. Peking.

→ PELICAN. Newark. 1903-date.

PELLECHET, M. 1897-1909. Catalogue générale des incunables. Vols. 1-3. (All pub.) Paris.

A well-known, important work of reference.

PELLEGRIN, JACQUES. 1907. See CHEVALIER, AUGUSTE.

→ PELLY, STANLEY AUGUSTUS. [1918]. Glossary and notes on vertebrate palaeontology. 8vo. pp. 9+113. London.

→ PELZELN, AUGUST VON [1825-91]. 1862-3. Uebersicht der Geier und Falken der k.k. ornithologischen Sammlung. 2 vols. 8vo. Wien.

1865. Vögel. folio. pp. 4+176. 6 pl. Wien.

An important contribution to the systematic study of the birds collected during the *Reise der Oesterreichischen Fregatta Novara um die Erde in den Jahren 1857-59*. A number of new species are fully described.

1871. Zur Ornithologie Brasiliens; Resultate von Johann Natterers Reisen in den Jahren 1817 bis 1835. 8vo. pp. 6+462+77. 2 maps (1 col.). Wien.

According to the reverse of the title-page this catalogue of the birds of Brazil from the Natterer collection and other sources—in all representing 1,680 species—was issued in four parts between 1868 and 1870. The monograph is indispensable to students of South American ornithology, as it contains not merely an annotated list of the avifauna of Brazil but an analysis of the bird life by the best authority of his day. The volume in hand is a presentation copy with the author's autograph.

**** and HOLUB, E.

1882. Beiträge zur Ornithologie Südafrikas. See HOLUB, E. and PELZELN, A. VON.

→ 1886. See FISCHER, FERDINAND.

**** and MADARÁSZ, JULIUS VON. 1887. Monographie der Pipridae, oder Manakin-Vögel. folio. pp. (2)+13. 5 pl. (col.). Budapest.

PEMBER, KARL ALBRECHT [1880-1928].

1923. A list of birds of Woodstock, Hartland and vicinity. 8vo. pp. 9. pl. Woodstock.

PENARD, FREDERIK PAUL and PENARD, A. P. 1908-10. De vogels van Guyana (Suriname, Cayenne en Demerara). 2 vols. 4to. *index.* Vol. I [1908], pp. *xliii*+587. 161 figs. in text. Vol. II, 1910, pp. 587. 122 figs. in text. Paramaribo.

The best systematic treatise on the birds of the Guianas extant. The illustrations are numerous but not very clear.

PENARD, THOMAS E.

1924. Historical sketch of the ornithology of Surinam. 8vo. pp. 24. The Hague.

In this brief sketch the high spots, so to speak, are touched only, the outline, however, being sufficiently comprehensive to give the reader a fair idea of what has already been accomplished. Reprint from *De West-Indische Gids*, Aug. 1924. Autographed copy by the author to Dr. Casey Wood.

✓ P'ENG TA-I [17th cent.].

1615. Shan t'ang ssü k'ao; Encyclopedia, containing material for animals, birds, fishes, insects, etc. 28×17-2 cm. [G.]

PENNANT, THOMAS [1726-98].

1766. The British zoology. Class 1. Quadrupeds. Class 2. Birds. Published (anonymously) under the inspection of the Cymmrodorion society. folio. pp. (14)+162+(4). 125 pl. (col.). *index.* London.

Issued in four parts from 1761-6 with the 107 plates as specified on the title-page. To this a fifth part containing 25 additional plates was afterwards added, bringing the number of plates to 132 (11 of mammals and 121 of birds). The above is the first edition and is anonymous, the author's name not appearing on the title-page (according to Coles) until the issue of the fifth edition, although it occurred at the end of the preface of the fourth edition, 1776. Other editions appeared at various dates, a new one in 1812.

1773. Genera of birds. 8vo. pp. 32+66. *illust. index.* Edinburgh.

This is the rare first printing, from the Cabanis-Reichenow collection, without plates. It is a well-known catalogue of birds arranged under their (generic) vulgar names, with equivalents in Latin. The work opens with a description of birds in general, and there is an anatomical figure of a bird vignette on the title-page. A second edition was printed in 1781, with 15 plates.

1776. British Zoology. 4th ed. 4 vols. 8vo. *index.* Warrington and London.

This the fourth edition appeared in two issues, 8vo and 4to, the text, however, being different from that of the first edition, 1766. The regular issue appears to have uncolored plates. The illuminated title-pages and subtitle-pages of vols. I-III bear a London imprint at variance with the Warrington imprint on the printed title-pages, but agreeing with that on the illuminated (and only) title-page of vol. IV. The ornithological matter is contained in vol. I, pp. 153-418, pl. XV-LIX, and vol. II entire. Only vol. I is inscribed 'Fourth edition'.

* 1776. British zoology. 4th ed. (variant). 4 vols. 8vo. Warrington.

The copy in hand is unique. It differs from the regular issue of 1776 in that 26 of the plates are colored, and there are inserted 31 extra plates from other sources, 19 of which are original water-color drawings. The ornithological and other matters are the same as in the regular issue of same date.

1781. Genera of birds. 2nd ed. 8vo. pp. xxv+68. 15 pl. 1 fig. *index.* London.

The second edition of the rare first printing of 1773, which was issued without plates. The original intention of giving a plate to each genus seems to have been discouraged by the appearance of Latham's *General Synopsis of Birds*, 1781-5.

[PENNANT, T. (contd.)]

1781. History of Quadrupeds. 2 vols. 4to. pp. 24 + 566. 52 pl. London.

Second edition (with new title) of the rare *Synopsis of Quadrupeds*, 1771. A third edition appeared in 1793.

1784-5. Arctic zoology. 2 vols. 8vo. indexes. Vol. I, pp. 200+185. 8 pl. Vol. II, pp. 187-599. 15 pl. London.

This famous treatise, for which a Supplement (1787) was afterwards written and of which a second edition appeared in 1792, was at first intended to bear a title indicating a study of the fauna of King George's dominions in North America. However, about this time the American colonies separated from the mother country, and the author adopted the above rather misleading caption.

1786. Histoire naturelle des oiseaux par le Comte de Buffon and les Planches enluminées. 4to. pp. vii+122. 2 indexes. London.

This work consists of two Indexes. The first and important one gives facility to the reading of the last nine volumes of Buffon's *Ornithologie* and the other to the *Planches Enluminées*. In the first column of Index I are the birds, named according to Buffon with reference to volume and page with the addition of the Linnaean names. In the second column are references to the *Planches* as quoted by Buffon, the last column containing the English names used by Latham in his *Synopsis of Birds*.

1787. Thiergeschichte der Nördlichen Polarländer. 2 vols. Leipzig.

A German translation of the *Arctic Zoology*. There is also a Dutch (Amsterdam) edition in the Blacker Library.

1789. Le nord du globe; ou, Tableau de la nature, dans les contrées septentrionales; tr. de l'anglais par Pierre Le Tourneur. 2 vols. 8vo. Paris.

A French translation of the *Arctic Zoology*.

1790. Indian zoology. 2nd ed. 8vo. pp. viii+161. 16 pl. London.

A reprint of the author's very rare original *Indian Zoology*, with a translation of certain matters by Forster from his Latin-German edition of 1781; also a list of oriental and near-oriental animals in *The Indian Faunula*.

1792. Arctic Zoology. 3 vols. 4to. Vol. I, pp. (4) + 376. 3 vignettes (2 col.). 14 pl. (7 col.). 36 text-figs. (35 col.). Vol. II, pp. (4) + 418 + (13). 2 vignettes (col.). 20 pl. (10 col.). 30 text-figs. (col.). index. Vol. III, pp. (14) + cccxxxiv + (8). 2 front. (1 col.). 55 pl. (49 col., 2 fold.). 127 text-figs. (125 col.). 4 maps (2 col., 2 fold.). index. London.

A unique copy of an *édition de luxe*, printed on large paper with the plates in two states. The volumes are further enriched by a series of over 170 exquisite original water-color drawings of natural history specimens and scenes in the arctic regions. These drawings are on separate leaves or they decorate the wide margins to the text and are by Mercatti and Moses Griffiths, in many cases from sketches by Pennant himself. Vol. I contains the quadrupeds and part of the birds, vol. II the remainder of the birds, reptiles, fish, and insects, while vol. III is devoted to the introduction to the Arctic zoology. They form three remarkable volumes on Natural History.

1792. Arctic Zoology. 2 vols. folio. Vol. I, pp. (4) + 376. 7 pl. (5 birds). Vol. II, pp. (4) + 418 + (13). 10 pl. (birds). index. London.

This copy of the second edition differs from that of the first in the addition of the supplement (vol. II) which takes in reptiles, fish, insects, and shells. The vignettes to both volumes are colored instead of plain as in the previous edition.

1793. History of quadrupeds. 3rd ed. 2 vols. 8vo. 69 pl. London.

This is a unique author's copy with Pennant's manuscript notes throughout.

1812. British zoology. 2 vols. 8vo. append. London.

The fifth edition, in 8vo and 4to, with engraved titles and 294 plates. This was the first edition in which the author's name appears on the title-page. It was published posthumously and, according to

Mullens, it was edited by his son-in-law Hanmer, who had assistance from Latham and others. It contains much matter for which Pennant is not responsible. It is also said to have been published by his son, D. Pennant. A good deal of mystery surrounds these matters.

➤ PENNSYLVANIA AUDUBON SOCIETY. Bird call. M. Nos. 1-6, January-June 1887. Phila., 1887. 4to.

The Compiler is indebted to Dr. Witmer Stone for the following notes on this rare periodical: 'So far as I know only six numbers (January to June) were published in Philadelphia by the original Pennsylvania Audubon Society in 1887. They had no cover, the title being printed across the top of the first page, and they covered eight pages each, the last page being devoted to advertisements. The subject-matter was almost entirely quotations from other journals, largely those of the Society for the Prevention of Cruelty to Animals. I am not sure who was the editor, as no name is given, but I think the late Mrs. Brinton Cox was the responsible one.'

PENNSYLVANIA UNIVERSITY. Zoological Laboratory.

1893-date. Contributions.

PENZANCE NATURAL HISTORY AND ANTIQUARIAN SOCIETY. See NATURAL HISTORY SOCIETY OF PLYMOUTH, ENGLAND.

PERCHERON, GASTON.

1878. Le perroquet, histoire naturelle, hygiène, maladies. 8vo. pp. 11+208. 20 col. pl. T. of c. Paris.

PERCIVAL, ROBERT [1765-1826].

1805. An account of the island of Ceylon, containing its history, geography, natural history. 4to. pp. xii+446. 4 pl. 3 maps (fold.). append. index. London.

The first edition appeared in 1803, without the appendix.

PERINI, GAETANO [d. 1869].

[1858]. Degli uccelli veronesi. 8vo. pp. 13+320. index. Verona.

A separately published, systematic, complete, and valuable contribution to the study of the birds found in and about Verona. The present copy is from the Godman Library.

1874. Manuale dell'Ornitologia Veronese. 2 (pts.) vols. 8vo. Verona.

PERIODICO DI SCIENZE MATEMATICHE E NATURALI PER L'INSEGNAMENTO SECONDARIO, ROME. 1873-85.

PERIÓDICO ZOOLOGICO. (Sociedad Zoológica Argentina.) Buenos Aires, Córdoba. 1874-81. Vols. I-III (all pub.).

PERIQUET, L.

1915-16. Missions de délimitation Afrique Équatoriale française, etc. 2 vols. 4to.

PERLEY, MOSES H. [1804-62].

1852. Reports on the sea and river fisheries of New Brunswick. 2nd ed. 8vo. pp. 16+294.

Fredericton.

➤ PERMANENT WILD LIFE PROTECTION FUND.

1915-22? Bulletin. New York.

PERNAU, F. A. VON.

1754. Gründliche Anweisung alle Arten Vögel zu fangen etc., nebst Anmerkungen ueber Hervieux von Canarien Vögelen. 8vo. pp. 696. front. 45 pl. index. Nürnberg.

A rare work on the capture of wild birds, with an appendix referring to Hervieux's well-known book on Canaries. Not in the *Br. Mus. Cat. (Nat. Hist.)*.

Pennell, 1863. Angler naturalist, History of British fresh water fish. 150 pp.

→ Perlini, Renato 1932. Ali e colori. 24 col. Pl. 46.
Bergamo. ~~1932~~

→ n.d. *Zanna alpina*. (Verticillata)
Bergamo. ~~n.d.~~

→ Perty, 1876. Das Seelenleben d. Tiere. Leipzig.

→ Peters, J. L. 1931. Check-list of the birds of the world. Vol. 1 - Cambridge, Mass.

→ Peterson, Roger Tory. 1933. A field guide to the birds.
Including all species found in Eastern N. America.

A Field Guide to the Birds

By ROGER TORY PETERSON

This is a practical guide to the outdoor identification of all species of North American birds found regularly east of the Great Plains. Rare birds as well as common ones are included, only accidental visitors being omitted.

The book is made on an entirely new plan, which recognizes the fact that color-values rather than the actual colors are most important in identifying birds at a distance. The plan comprehends the use of diagrammatic drawings of the birds in conjunction with descriptions of the marks that can be recognized in the field.

Besides knowing his birds thoroughly, the author-illustrator is a very competent draftsman who pays careful attention to detail so far as it is necessary to make his points, but ignores what would only confuse the student. Similarly, the text is entirely without frills and is devoted strictly to giving information to help the student to identify birds in the field.

For both text and drawings the author has had the advantage of minute criticism and helpful suggestions from a number of our most competent field ornithologists, such as Ludlow Griscom, Dr. John E. May, and Charles A. Urner.

The publishers have no hesitation in expressing their confidence that the book will at once take its place as an indispensable pocket companion for Eastern bird-students, both beginning and advanced.

500 species treated in the text.
With 330 species illustrated in
530 plumages—many in color.

1933.

1728. I Canarini. 8vo. pp. 34. 1 fig. several vignettes. Verona.

Poem in praise of the canary, which the author wrote for a friend, describing his method (illustrated) of teaching canaries vocal music by means of his flute. Very rare.

PERTSHIRE NATURAL HISTORY MUSEUM. Perth, Scotland.
1902-13? Report.

PERTSHIRE SOCIETY OF NATURAL SCIENCE.
1869-70. Proceedings.

1871-80. Proceedings. In Scottish Naturalist.

UNIVERSITY LIBRARIES 517

Proceedings and Transactions.
Proceedings and Transactions. New

SALAMON JANOS VON [1799-1855].
Geologische Fragmente. 4to. pp. 36 +
11. text-figs. Gera-Untermhaus.
Biography, with incidental chapters on Hungarian
European ornithology, by a famous ornithologist. A
copy from the translator.

[L. 1928. See BANGS, OUTRAM.

MADISON CLINTON [1859-].
Birds of the Bible. 12mo. pp. 119.
New York.
of this subject—in sermons. Only seven birds are

WILHELM CARL HARTWIG [1815-83].
Naturwissenschaftliche Reise nach Mo-
... in 1842-48. 4to. Berlin.
scientific expedition, the mammals collected being
... of six published parts, with pp. 16+202, and 46
... phibia (part 3) pp. 15+191, 32 col. pl.; and the
... p. 12+116, 20 pl.

See DECKEN, C. C. VON DER.

See HARTLAUB AND LINDEMAN, eds.

Vertebrate und Fische [of the Polar
...]. Bremen.

N, SEVERIN.

Sangfugle. 2nd gennemsette Oplag.
+ 210. 30 text-figs. index. Kjøbenhavn.
Edition (first in 1878) of a popular work on song-birds.

CK, J. and B. H.

Birds in Central Africa. 2 vols. 8vo.
London.

See A. Günther describes the fishes of the Nile and its

CHOLAS MARTIN.

Annales de découvertes aux terres Aus-
... par C. A. Lesueur [and others]. 2 vols.
Paris.

... of an important zoological treatise; the second was
24.

ERC, PAUL.

... d'ornithologie; remarques et observa-
... habitat, les mœurs, la migration, etc.
... ssine double (Gallinago media Frisch,
pp. 87+2. 3 pl. Paris.

PETIT-THOUARS, DU. See DUPETIT-THOUARS.

PETIVER, JAMES C. [1658-1718].

1764. Opera, historiam naturalem spectantia;
... or, Gazophylacium. 3 vols. 8vo and folio. illust.
London.

This work is known as Petiver's *Gazophylacium*. The cover-title
is simply 'Petiver'. The figures of plants and shells and birds are
mingled together on the same plates. A memorandum states that
'Petiver, some time before his death, was offered, by Sir Hans
Sloane, £4,000 for his museum; the contents of which are preserved
in his works. He was one of the very few, after the Tradescants,
who made any considerable collection; and such was his zeal for his
favourite study, that he engaged, at a considerable expense, the
Captains and Surgeons of ships to bring him specimens from abroad'.

→ Parry, 1876. Das Seelenleben d.

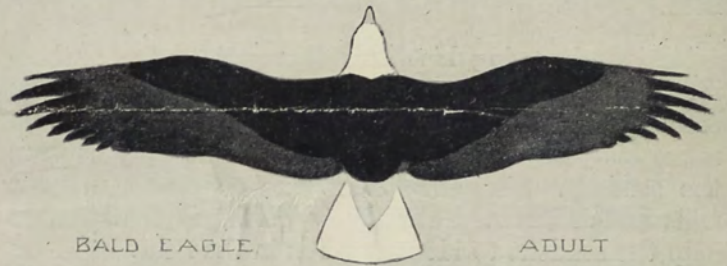
→ Peters, J.L. 1931. Check-list of the

→ Peterson, Roger Tory. 1933.

A Field Guide *In lib.* to the Birds

INCLUDING ALL SPECIES FOUND
IN EASTERN NORTH AMERICA

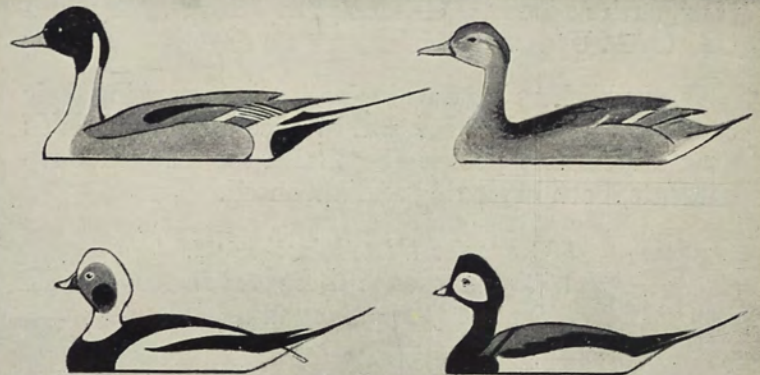
A Bird Book on a New Plan



BALD EAGLE

ADULT

Roger Tory Peterson 1933



PÉRON, FRANÇOIS [1775-1810].

1807-16. Voyage de découvertes aux terres Australes, exécuté . . . pendant les années 1800-1804. 3 vols. 4to and folio. Paris.

CONTENTS. Vols. [1-2]. Texte par François Péron. [3.] Atlas par C. A. Lesueur et N. M. Petit [et L. C. D. de Freycinet].

A very important contribution to Australasian natural history.

PERRAULT, CLAUDE [1613-88].

1671-[6]. Mémoires pour servir à l'histoire des Animaux. folio. illust. Paris.

This publication of the *Académie des Sciences* has had several editions and has been translated into English (1688). The figured fauna form a distinct contribution to comparative anatomy.

PERRIER, JEAN OCTAVE EDMOND [1844-1921].

1893-1928. Traité de Zoologie. 3 vols. 8vo. 8 fascicles. illust. text. Paris.

This is among the largest and most complete treatises on zoology in any language begun (if not completed) by a famous French naturalist and writer.

1902-6. La Vie des Animaux illustrée, sous la direction de E. Perrier. 4 vols. 8vo. col. illust. Paris.

The mammals are described and portrayed in vols. I and II by A. Ménégaux (1902-4); the birds in vols. III and IV by J. Salmon, and all well done.

1913. (L')élevage de l'autruche. See Ménégaux, H. A.

PERRY, GEORGE.

1811. Arcana; or, The museum of natural history: containing the most recent discovered objects, embellished with coloured plates and corresponding descriptions; with extracts relating to animals, and remarks of celebrated travellers; combining a general survey of nature. 8vo. pp. (6)+284+(4). front. (col.). 71 pl. (col., 1 plain). index. London.

This rare treatise was issued in parts, and probably began to appear in 1810, for the earlier plates are marked as published on Jan. 1 of that year. The British Museum Catalogue gives the number of colored plates as 84 and the size of the volume as 4to. The present copy is 8vo and contains 72 plates only, of which one is uncolored. A MS. note states that 'this volume contains all the numbers that were published of this work; the Publisher failed'; also that the work is 'excessively rare, 72 col. pl., complete set 84'.

PERRY, MATTHEW CALBRAITH [1795-1858].

1856. Narrative of the expedition of an American squadron to the China seas and Japan . . . 1852-54. 3 vols. 4to. illust. Washington.

Although this expedition was not projected nor organized for exploring or scientific purposes, the artist, William Heine, made many valuable zoological collections at various points in the course of the voyage. The birds are described in vol. II, pp. 219-48, by John Cassin, with six colored illustrations.

PERSICO, IGNAZIO DA.

1728. I Canarini. 8vo. pp. 34. 1 fig. several vignettes. Verona.

Poem in praise of the canary, which the author wrote for a friend, describing his method (illustrated) of teaching canaries vocal music by means of his flute. Very rare.

PERTSHIRE NATURAL HISTORY MUSEUM.

Perth, Scotland.

1902-13? Report.

PERTSHIRE SOCIETY OF NATURAL SCIENCE.

1869-70. Proceedings.

1871-80. Proceedings. In *Scottish Naturalist*.

1880-6. Proceedings and Transactions.

1886-date. Proceedings and Transactions. New series.

PETÉNYI, SALAMON JANOS VON [1799-1855].

1905. Ornithologische Fragmente. 4to. pp. 36+400. 4 col. pl. text-figs. Gera-Untermhaus.

An interesting biography, with incidental chapters on Hungarian and South European ornithology, by a famous ornithologist. A presentation copy from the translator.

PETERS, J. L. 1928. See BANGS, OUTRAM.**PETERS, MADISON CLINTON** [1859-].

1901. The birds of the Bible. 12mo. pp. 119. T. of c. New York.

A meagre study of this subject—in sermons. Only seven birds are considered.

PETERS, WILHELM CARL HARTWIG [1815-83].

1852-82. Naturwissenschaftliche Reise nach Mosambique . . . in 1842-48. 4to. Berlin.

An important scientific expedition, the mammals collected being described in one of six published parts, with pp. 16+202, and 46 col. pl.; the amphibia (part 3) pp. 15+191, 32 col. pl.; and the fishes (part 4) pp. 12+116, 20 pl.

1869-79. See DECKEN, C. C. VON DER.

1873-4. See HARTLAUB AND LINDEMAN, eds.

1874. Säugethiere und Fische [of the Polar regions]. 8vo. Bremen.

PETERSEN, SEVERIN.

1890. Vore Sangfugle. 2nd gjennemsete Oplag. 12mo. pp. 4+210. 30 text-figs. index. Kjobenhavn.

Second Danish edition (first in 1878) of a popular work on song-birds.

PETHERICK, J. and B. H.

1869. Travels in Central Africa. 2 vols. 8vo. illust. London.

In the appendix A. Günther describes the fishes of the Nile and its tributaries.

PETIT, NICHOLAS MARTIN.

1811. Voyages de découvertes aux terres Australes; atlas par C. A. Lesueur [and others]. 2 vols. folio. Paris.

The first edition of an important zoological treatise; the second was published in 1824.

PETITCLERC, PAUL.

1925. Note d'ornithologie; remarques et observations sur l'habitat, les mœurs, la migration, etc. de la Bécassine double (*Gallinago media* Frisch, 1763). 8vo. pp. 87+2. 3 pl. Paris.

PETIT-THOUARS, DU. See DUPETIT-THOUARS.

PETIVER, JAMES C. [1658-1718].

1764. Opera, historiam naturalem spectantia; or, Gazophylacium. 3 vols. 8vo and folio. illust. London.

This work is known as Petiver's *Gazophylacium*. The cover-title is simply 'Petiver'. The figures of plants and shells and birds are mingled together on the same plates. A memorandum states that 'Petiver, some time before his death, was offered, by Sir Hans Sloane, £4,000 for his museum; the contents of which are preserved in his works. He was one of the very few, after the Tradescants, who made any considerable collection; and such was his zeal for his favourite study, that he engaged, at a considerable expense, the Captains and Surgeons of ships to bring him specimens from abroad'.

- PETREL, THE.** An illustrated Monthly Magazine devoted to Ornithology and Oology. Edited by John William Martin.
1901. Vol. No. 1, Jan. pp. 16. *illustr. T. of c.* (All pub.) *Palestine, Oregon.*
Among the contributors of this short-lived journal was the veteran Canadian ornithologist, Wm. L. Kells; also Jas. J. Carroll, R. Nicholas, and others, who furnished articles, which though popular are not without scientific interest.
- PETRINI, P. G. V.** 1755. See HALLER, A.
- PETRI VON HARTENFELSS, GEORG CHRISTOPH** [1633-1718].
1715. *Elephantographia curiosa; seu, Elephanti descriptio.* 8vo. pp. [30]+284. 26 pl. *Erfordia.*
- PETS AND ANIMALS.** *Springfield, O.* 1904.
- PETTIGREW, JAMES BELL** [1834-1908].
[1867]. On the mechanical appliances by which flight is attained in the animal kingdom. (*Tr. Linnæan Society*, vol. XXVI.) 4to. pp. 197-277. 4 pl. 19 figs. *London.*
1871. On the physiology of wings. (*Tr. Royal Society, Edinburgh*, vol. XXVI.) 4to. pp. iv+321-446. pl. (2 col.). 73 figs. *Edinburgh.*
1874. Animal locomotion; or, Walking, swimming, and flying. 8vo. pp. xiii+264. 2 pl. 130 figs. *index.* *New York.*
A volume of the *International Scientific Series*, a fourth edition appearing in 1891.
1887. La locomotion chez les animaux . . . suivie d'une dissertation sur l'aéronautique. pp. 360. 131 figs. *Paris.*
A French translation of the original English work on animal locomotion, the first printing of which was published in 1873.
1891. Animal locomotion; or, Walking, swimming, and flying, with a dissertation on aeronautics. 4th ed. An identical reprint of the 1874 issue. *London.*
- PEYER, JOHANN CONRAD** [1653-1712].
1685. *Merycologia sive de ruminantibus et ruminacione commentarius.* 4to. pp. 288. 6 pl. *Berolini.*
This is the first modern treatise on the digestion apparatus of the ruminantia. [O. 3666.]
- PFEFFER, GEORG JOHANN** [1854-].
1891-1901. See STUHLMANN, F. L.
1893-1930. See DEUTSCH-OST-AFRIKA.
1896. *Die Fische Ost-Afrikas.* 4to. pp. 18+72. *Berlin.*
- PFFENNINGSTORFF, FRITZ.**
1921-2. *Unser Hausgeflügel; ein ausführliches Handbuch über Zucht, Haltung und Pflege unseres Hausgeflügels.* 4th ed. 2 vols. 8vo. *indexes.* Vol. I, pp. viii+424. 59 pl. (col.). 187 figs. Vol. II, pp. viii+432. 5 pl. (col.). 304 figs. *Berlin.*
- PHILADELPHIA. ACADEMY OF NATURAL SCIENCES.** See ACADEMY OF NATURAL SCIENCES OF PHILADELPHIA.
- PHILADELPHIA MUSEUM, or Register of Natural History and the Arts.** 1824. *Philadelphia.*
- PHILES, MANUEL** [1275-1340].
1730. *Phile de animalium proprietate, ex prima editione Arsenii et libro Oxoniensi restitutus a Joanne Cornelio de Pauw, cum ejusdem animadversionibus et versione Latina Gregorii Bersinanni.* Accedunt ex eodem libro Oxoniensi non pauca hactenus inedita. 8vo. pp. xv+350. *index.* *Trajecti ad Rhenum.*
One of the few editions (either in MS. or print) of Philes' poems descriptive of birds and other animals. The text of the Greek writer's *Περὶ Ζῴων ἰδιότητος* is given, with Latin paraphrases in parallel columns. Elaborate footnotes are furnished by the editor, J. C. de Pauw.
- PHILLIP, ARTHUR** [1738-1814].
1789. The voyage of Governor Phillip to Botany Bay; with an account of the establishment of the colonies of Port Jackson & Norfolk Island. 4to. pp. 10+298+74. 55 pl. (19 birds). 7 maps and charts (fold.). *append.* *London.*
There were at least three English and several French and German editions of this important voyage—well known to informed naturalists.
- PHILIPPI, RUDOLF AMANDUS** [1808-1904].
1860. *Reise durch die wueste Atacama (Chile) . . . im 1853-54.* 4to. pp. 192. 27 pl. (7 col.). *map.* *Halle.*
1868. *Catálogo de las aves chilenas existentes en el Museo nacional de Santiago.* 4to. pp. 100. *Santiago de Chile.*
- PHILLIPS, E. CAMBRIDGE.**
1899. The birds of Breconshire. 8vo. pp. xxi+168. 1 pl. *addend. index.* *Brecon.*
The second edition, the first having been issued in 1881-2.
- PHILLIPS, ETHELBERT LORT.**
1896. On birds observed in the Goolis Mountains in northern Somali-land. 8vo. pp. 27. *front. (col.).* *London.*
Author's reprint, with additions, from *Ibis*, Jan. 1896. The present copy is a gift from the author to Philip Lutley Sclater.
- PHILLIPS, JOHN** [1800-74].
1841. Figures and descriptions of the palaeozoic fossils of Cornwall, Devon, and West Somerset. 8vo. pp. 12+231. pl. *London.*
- PHILLIPS, JOHN CHARLES** [1876-] and **CASTLE, W. E.**
1911. On Germinal Transplantation in Vertebrates. 8vo. pp. 26. 2 pl. *Washington.*
1914. Piebald Rats and Selection. 8vo. pp. 56. 3 pl. *Washington.*
1922-6. A natural history of the ducks, with plates in color and in black and white from drawings by Frank W. Benson, Allan Brooks and Louis Agassiz Fuertes. 4 vols. 4to. Vol. I, pp. x+264. *front. (col.).* 17 pl. (8 col.). 27 maps (1 fold.). *T. of c.* Vol. II, pp. xii+409. *front. (col.).* 25 pl. (19 col.). 38 maps (6 fold.). *T. of c.* Vol. III, pp. ix+383. *front. (col.).* 25 pl. (20 col.). 30 maps (4 fold.). *T. of c.* Vol. IV, pp. ix+489. *front. (col.).* 31 pl. (23 col.). 23 maps (8 fold.). *bibliogr. index.* *Boston.*
This rare work stands in the front rank of modern illustrated monographs. It is an exhaustive account of the ducks of the world, with synonymy, description, distribution, and characteristic habits, etc. of each species. A useful and lengthy bibliography is added in vol. iv, pp. 321-447. The colored illustrations are also very fine, and the great number of distributional maps are quite a feature of the work.

Phillips, John, G. 1926. Wenham Lake Shooting Record and the "Tarn Bag",
1897-1925. 8vo, pp 199. Privately printed.

→ Phillips, J. G. 1933 Sportsman's Snaf Book. Cambridge.

← Pfennigstorf, F. 1927. Mustertaubebuch, ein handbuch über alle Taubenrassen
ihre Beschreibung, Bewertung Zucht, Haltung u. Pflege. 8vo.
7 pts. in 1 vol., col. pls., text-illus.

← Phebus, Livre de la chasse.

→ Pharaon, Florian: Sid Meahomed Mangali, Paris 1880. Falconry

≡ Phillips. W. W. A. ~~Books~~ Mammals of Ceylon 1935.

→ 1911. The Faras-nāma-e Rangin or Book of the Horse Trans. by Col. D. C. P.
(Published by Quaintock) pp. 800. pp. 83. illust. London. Very interesting.
See Rangin.

→ } 1902 Hillside, Rock, & Dale, 111 plates & ills., br. 8vo;
→ } (Pike. Oliver. G.) 1908. Hillside, Rock & Dale. Bird life pictured
with pen & camera. 8vo. 1908.

Picchi, G. 1904. Bianco degli uccelli conservati nella mia
Galleria. Ornitologica Ital., con notizie intorno alla
distribuzione in Italia. In 8, br.

> Pichot. Les Oiseaux de Spart. Ill. ^{4to} Pp. 206. Paris. 1903.

> Pichot, 1873. 13 col. pl. + 26 uncol. pl.

→ 1931(?) Nature photography... with chapters on big-game photography by Major
Radcliffe Dugmore. illus.

→ Pichot, Gifford. To the South Seas. Toronto.

Pickerel, The pseudonym of J. Harvie Brown. pp. 23.

**** and **LINCOLN, FREDERICK C.**
 1930. American Waterfowl. Their Present Situation and the Outlook for their future. 8vo. pp. 16 + 312. 7 pl. 7 maps. *index.* Cambridge, Mass.

The best treatise on the subject yet published. The authors favor private gun clubs and wild life refuges, such as our National Parks system, as the best method of conserving wildfowl, and they condemn the useless drainage of unproductive marshlands, and commercialized, semi-public organizations for the shooting of game as the chief causes of extermination of water birds.

PHILLIPS, RUTH LAURA [1882-].
 1925. A text-book of vertebrate embryology, treated from the comparative standpoint. 8vo. pp. xii + 302. 137 figs. *index.* Philadelphia.

PHILLOTT, DOUGLAS CRAVEN [1860-].
 1908. Bāz-Nāma Yi Nāsiri. A Persian Treatise on Falconry. 4to. pp. 145. 25 pl. London.

This modern contribution to the extensive literature of the subject is a translation by a well-known authority, Taymur Mirza, a Persian prince. It was composed in A.H. 1285 (A.D. 1868) and several lithograms of it have been published in Teheran and in India. An important item in the treatise, which is profusely illustrated with figures of birds and hunting scenes, lies in the description of Persian accipitres, with their English names.

PHILOSOPHICAL INSTITUTE OF CANTERBURY, CHRISTCHURCH, NEW ZEALAND.

1909. The subantarctic islands of New Zealand. See CHILTON, CHAS.

PHILOSOPHICAL TRANSACTIONS. See ROYAL SOCIETY OF LONDON.

PHIPSON, EMMA.
 1883. The animal-lore of Shakspeare's time, including quadrupeds, birds, reptiles, fish and insects. 8vo. pp. xvi + 476. *index.* London.

PHISALIX-PICOT, Mme MARIE [1861-1922].
 1922. Animaux venimeux et venins. 2 vols. 4to. *illustr. pl.* Paris.

PHYSIOLOGICAL ZOÖLOGY. (Periodical.)
 1928-30. Managing editor, Chas. Manning Child, Chicago.

PHYSIOLOGUS. See DIALOGUS CREATURARUM, 1923; also VAN LEU, PETER.

PICHOT, PIERRE AMÉDÉE [1841-1917].
 1873. Le Jardin d'Acclimatation illustré, Animaux et Plantes . . . Avec une préface par M. A. Geoffroy-Saint-Hilaire, etc. 8vo. pp. 8 + 336. 40 col. pl. figs. in text. Paris.

A descriptive catalogue of the plants and animals in a famous zoological collection.

PICKEREL (pseud.).
 1881. The Migration of Birds on Our British Coasts. Reprinted from the *Falkirk Express*. 12mo. pp. 16. 23 Falkirk.

This small but interesting pamphlet (repared and separately entitled) is from the library of J. A. Harvie-Brown. It must be very rare as it is not mentioned in the *Nat. Hist. Br. Mus. Cat.*

PICTET, FRANÇOIS JULES [1809-72].
 1853-7. Traité de paléontologie. 2nd ed. 4 vols., 8vo, and atlas, folio. *illustr.* Paris.

PICTORIUS, GEORG [b. 1500].
 1560. ΖΩΟΤΡΟΦΕΙΟΝ, seu, Leporarium. See CONSTANTINUS, AFRICANUS.

PIDGEON, EDWARD.
 1827-35. The animal kingdom. See CUVIER, G. L. C. F. D.

PIDSLEY, WILLIAM E. H.
 1891. The (287) birds of Devonshire. 8vo. pp. xxx + 194. front. (col.). map. *index.* London.

PIERQUIN DE GEMBLOUX, CLAUDE CHARLES [1798-1863].
 1844. Idiologie des animaux. 8vo. pp. 4 + 156. Paris.

A rare and classic essay on sound production, calls, and speech of birds and other animals. It is divided into and probably was issued in five parts.

PIÉTREMENT, CHARLES ALEXANDRE.
 1883. (Les) chevaux dans les temps préhistoriques et historiques. 8vo. pp. 20 + 776. Paris.

Contains a chapter on the presence of dogs in America before its discovery.

PIETSCH, J.
 1888. Herleitung und Aussprache der wissenschaftlichen Namen in dem E. F. von Hofmeyer'schen Verzeichnisse der Vögel Deutschlands. 8vo. pp. 6 + 57. Wien.

PIGOTT, THOMAS DIGBY [1840-].
 1892. London birds and other sketches. 8vo. pp. 8 + 168. 18 figs. 3 append. London.
 The first edition was issued in 1884; another in 1902.

PIKE, OLIVER GREGORY.
 [1900]. In bird-land with field-glass and camera. 12mo. pp. xvi + 280. front. 82 figs. London.
 Tales and photographs of birds and their nests in their natural surroundings. A book typical of this popular writer's work.

1906. Home life in bird-land. 8vo. pp. 16 + 323. 38 pl. (4 col.). 48 figs. T. of c. London.

1908. Behind the veil in birdland. folio. pp. 106. 24 pl. T. of c. London.

1910. Through birdland byways with pen and camera. 8vo. pp. x + 212. 47 pl. 10 figs. *index.* London.

1914. The scout's book of birds. 8vo. pp. xi + 158. 40 pl. *index.* New York.

1924. More stories from birdland. 8vo. pp. 106. London.

1925. Picture stories from birdland. 8vo. pp. x + 128. 50 pl. T. of c. London.
 Another edition was issued in 1928.

1929. See PATON, E. RICHMOND.
 n.d. Bird biographies and other bird sketches. pp. xi + 180. 44 pl. 6 figs. *index.* London.

n.d. Farther afield in birdland. 8vo. pp. 12 + 224. 60 pl. *index.* Toronto.

PILLER, MATHIAS [1733-88] and **MITTER-PACHER, LUDWIG.**
 1783. Iter per Poseganam Sclavoniae provinciam, anno 1782. 4to. pp. 148. 16 pl. 2 col. figs. of birds. Budae.

PIENIE, M. D. 1927. See ALLEN, A. A.

PISA. Società Toscana di Sc. Nat.
 1875-1925. Atti (Processi Verbali, 34 vols.; Memorie, 35 vols.).

PISO, WILLEM [1611-78] and **MARCGRAVIUS, G.**

1648. *Historia naturalis Brasiliae . . . In qua non tantum plantae et animalia, etc.* 2 vols. folio. pp. 10+122+10+293+7. 510 text-figs.

Lugdun. Batavorum.

A very important, fundamental treatise. The part by Marcgravius has its own title-page, pagination, and index.

1658. *Gulielmi Pisonis . . . De Indiae utriusque re naturali et medica libri quatuordecim, quorum contenta pagina sequens exhibet.* 3 pts. folio. pp. 24+327+39+226. illust. Amsterdam.

A well-known seventeenth-century natural history of the East and West Indies, from the Elzevir press. *in Bleeker*

PISTORIUS, G.

1799. *Anleitung, zur Austopfen und Aufbewahren der Vögel.* Darmstadt.

PITFEILD, A.

1701. *Memoirs For A Natural History of Animals . . . English'd by R. W.* folio. 35 pl. London.

A very rare and curious translation, not listed in the *Cat. Br. Mus.* (*Nat. Hist.*). *→*

PITT, FRANCES.

1920. *Wild creatures of garden and hedgerow.* 8vo. pp. ix+284. 16 pl. T. of c. London.

1922. *Woodland creatures; being some wild life studies.* 8vo. pp. 255. 24 pl. T. of c. London.

[1925]. *Waterside creatures.* 8vo. pp. 252. 24 pl. T. of c. London.

PIUMATI, GIOVANNI.

1893. *Codice sul Volo degli Uccelli, etc.* Trad. di Carlo Ravaisson-Mollien. pp. 30. London.

A facsimile and translation of a very interesting sixteenth-century manuscript on the flight of birds. *→*

PLATE, LUDWIG HERMANN [1862-].

1913. *Selektionsprinzip und Probleme der Artbildung; ein Handbuch der Darwinismus.* 4th ed. 8vo. pp. 16+650. illust. Leipzig.

1913. *Vererbungslehre, mit besonderer Berücksichtigung des Menschen.* 8vo. pp. 12+520. pl. Leipzig.

PLATH, KARL. See ORIGINAL DRAWINGS.

PLAYFAIR, ROBERT LAMBERT [1828-99] and **GÜNTHER, A. C. L.**

1866. *The fishes of Zanzibar.* 4to. pp. 14+153. 21 col. pl. text-figs. London.

Including a list of fishes of the East African coast. The copy in hand has several MSS. inserted, including a receipted bill from the illustrator, J. Smit.

PLESKE, THEODOR DMITRIEVICH [1858-].

1886. *Übersicht der Säugethiere und Vögel der Kola-Halbinsel.* 2 pts. 4to. col. illust. Russian and German. St. Petersburg.

1889-92. *Ornithographia Rossica; die Vogelfauna des Russischen Reichs.* 5 pts. folio. Pt. [I], vol. II. Pt. 1, 1889, pp. 153+2. 1 col. pl. Pt. [II], Vol. II. Pt. 2, 1889, pp. xviii+153 bis-320+2. 1 col. pl. Pt. [III], vol. II. Pt. 3, 1890, pp. xxxiii+321-431. Pt. [IV], vol. II. Pt. 4, 1890, pp. xl+431 (bis)-560+2. 1 col. pl. Pt. [V], vol. II. Pt. 5, 1891, pp. xli-liii+561-665. 1 col. pl. St. Petersburg.

A monograph on the Warblers of Russia, printed in both German and Russian. No vol. I was ever issued, the first part being entitled

'Band II, Lieferung 1'. It was probably intended to bring out later a first volume devoted to some other group, but this was never done. The treatise in hand (in the original wrappers) is a presentation copy from the author to Prof. Ant. Reichenow to whose library it formerly belonged.

**** and **BIANCHI, V. L.**

1889-1905. *Vogel*, continued by V. L. Bianchi. Lief. 1-4. 4 vols. col. pl. (Vol. 2, *Zoologischer Theil, Wissenschaft. Resultate der von N. M. Przewalski nach Central-Asien unternommenen Reisen.*) Russian and German in parallel cols.

St. Petersburg.

Rare natural history treatise; not listed in *Cat. Br. Mus.* (*Nat. Hist.*).

**** and **ALLEN, GLOVER M.**

1928. *Birds of the Eurasian Tundra.* folio. pp. 485. index. Boston.

This very useful account of arctic and sub-arctic avifauna forms vol. IV, no. 3 of the *Memoirs of the Boston Society of Natural History*. The original manuscript was submitted in French and was translated and edited by Dr. Glover M. Allen although, with characteristic modesty, he suppresses any mention of that fact in the text.

PLEYEL, JOSEF VON.

n.d. *Die Eingewöhnung und Pflege unserer einheimischen Sing- und Stubenvögel.* 16mo. pp. 104. index. Wien.

PLINIUS, CAIUS (Secundus) [23-79].

1469. [Incipit] *Plinius secundus nouocomensis . . . Libros Naturalis Historiae, etc.* folio. 355 fol., 50 lines to a complete page. no pp. or sigs. [O.]

Venice, J. Spira.

The *editio princeps* (from the Osler Library) of this immortal treatise on animal life, as recognized in ancient Greco-Roman times. The McGill libraries possess many subsequent printings, translations, and excerpts (the titles of the more important given *in extenso*) from this treatise. As stated in the present *Introduction*, all the natural history works of the Second Pliny were regarded as of high authority from the days of Imperial Rome through the Middle Ages. According to Green the *Historia Naturalis* is Pliny's monument; no other work of his has survived. Since the publication of de Spira's edition 42 printings in several languages, including English, were issued before 1536. The Second Pliny may be regarded not only as the most famous but as also the most trustworthy of the ancient Roman naturalists.

1472. *Naturalis historiae libri tricesimiseptimi.* pp. 357. N. Jenson. Hain 13089. Venetiis.

This work (from the Osler Library) is a copy of the third edition of the book, containing a fifteenth-century initial representing Pliny offering the book to the Emperor, and was one of the most beautiful volumes produced by Jenson's Press. It also influenced to some degree the type of the Kelmscott Press, the copy in hand having belonged to the library of William Morris, and still bears his book label. It is consequently of considerable historical value.

1473. *Historia naturalis.* Sweynheym & Pannartz. folio. Hain-C. 13090. First and last leaves wanting. [O.] Rome.

1481. *Historia naturalis.* Andreas Portilia. folio. Hain-C.* 13094. [O.] Parma.

1483. *Historia naturalis.* folio. Reynaldus de Novimagio. Hain* 13095. Venetia.

The library copy is from the Carmelite monastery of Dijon, having belonged to the poet and preacher, Laurentius Durellus, later Bishop of Sisteron. Inserted are descriptive notes by Clifford Maggs.

1511. *Naturalis historiae libri XXXVII.* 4to. 20+262 ff. Paris.

From Jean Adams' Library.

1513. *Historia Naturale, di lingua latina in fiorentina tradotta per Chr. Landino, nouamete correctata; et da infinite errori purgado.* Roman Letter. With woodcut initials and woodcuts in the text. sm. folio, double columns, title-page in red. 14+219 ff. map of Africa. index. Printed by M. Sessa. Venetiis.

where it does ~~not~~ ^{not} ~~appear~~ ^{appear} with Pit
A ~~Strass~~ ^{Strass} translated under Pitfield's name. It was translated by him
and ~~appears~~ ^{is given as part of} a title on p. 1514 of the Br. Mus. Cat. (Nat. Hist) under Paris. -
Academie des Sciences, 1701, where the translator's name is incorrectly
spelled Pitfield.

= Pitt, J. H. 1931. A Visit to the Underworld. 8vo. pp. 43. London.

= Pitt, Francis. The Naturalist on the Prowl. With 32 photographs
by the author. 6r. 8vo.

→ Plassmann. J. Q. Leben Kaiser Fred. III. Jena, 1927

→ 1535-40. Aldine copy. Very rare! Donated to Blocher #149 50.
in Cal.

Plot. 1677. Nat. Hist. of Oxfordshire. A second edition ^{of this work} was issued in 1705.

1518. C. Plynii Secundi Naturae historiarum libri XXXVII e castigationibus Hermolai Barbari quam emendatissime editi; additus est ad maiorem studiosorum commoditatem, index Ioannis Cameritis minoritani, quo Plynii ipse totus breui mora temporis edisci potest; [ed. by J. B. Palmarius]. *index of pp. 190, with separate t.-p.* Brunet, iv. 715. *folio. pp. 286.* Thomae Anselmi. *Hahenoae.*
1520. Naturae historiae libri XXXVII. 2nd ed. *folio. indices bound in.* Edited by H. Barbarus. *Venice.*
1525. Naturalis historiae libri XXXVII. 4to. 20+262 ff. *Venice.*
In Dean Adams' Library.
1532. Historiarum Naturae libri XXXVII. *fol.* *Paris.*
1543. C. Plinii Secundi historiae mundi libri XXXVII ex postrema ad vetustos codices collatione cum annotationibus, et indice. *folio. pp. 36+671.* Apud Audoënum Parum. Index has a separate t.-p. without pagination. *Parisiis.*
1573. Historia naturale; tr. [from the Lat.] per Lodouico Domenichi; con le postille in margine. 8vo. *pp. 1188.* G. Vidali. *Venezia.*
A rare Italian translation, not listed in the *Cat. Br. Mus. (Nat. Hist.)*.
1584. Des weitberumbten hochgelehrten alten Philosophi unns Naturkündigers Bücher und Schriften von Natur Art und Eygenschaftt aller Creaturen oder Geschöpfte Gottes, als nemlich von den Menschen [etc.]. Ebert 17322. *folio. pp. 12+388+15. illust.* *Franckfort am Mayn.*
Rare German edition, not in *Cat. Br. Mus. (Nat. Hist.)*.
1599. Historia Mundi. *folio.* *Frankfurt.*
1601. The Historie of the World, etc. 2 vols. in 1. *folio.* Adam Islip. Tr. by P. Holland. First English edition. Also in the Osler Library.
1615. Historia Mundi. *folio.*
1622. Histoire du Monde. Trad. par Du Pinet. 2 vols. in 1. *folio.* *Paris.*
- 1634-5. The Historie of the World. 2nd ed. 2 vols. in 1. *folio.* Adam Islip. *London.*
1635. Historiae naturalis libri XXXVII. Elzevir Press. 2 vols. 12mo. *Lugd. Bat.*
1651. Caili Plinii Secundi desz weitberühmbten hochgelehrten Philosophi und Naturkündigers Bücher und Schriften von Natur Art und Eigenschaftt aller Creaturen oder Geschöpfte Gottes. [hrsg. von Johannes Heyden von Dhaun]. 8vo. *pp. 16+604+20. illust.* A. Hammen. *Franckfurt.*
1657. Des wijdt-vermaerden natuurkondigers vijf boecken, handelende v. de nature, v. de menschen, v. de vogeln, visschen, viervoetige en kruypende dieren. *front. and num. engravings.* *Amsterdam.*
A Dutch edition of the famous *Historia Naturalis*.
- 1778-91. Naturalis Historia. Ed. J. G. F. Franzius. 10 vols. 8vo. *Lipziae.*
- 1783-4. Caili Plinii Secundi Historiae naturalis libri XXXVII ex recensione Joannis Harduini praemittitur notitia literaria accedit index Studii societatis Bipontinae. 5 vols. 8vo. *Biponti.*
This is a copy of the *Deux Ponts* edition of Pliny's *Natural History*.
- 1785-1910. Collections of about 100 monographs in several languages—most of them rare and out of print—on the Natural History of Pliny.
Of the greatest importance and value to bibliographers and advanced students.
1802. Histoire naturelle des Animaux. Trad. par P. C. B. Gueroult. 3 vols.
- 1831-6. Naturalis historia libri XXXVII. J. Sillig. 5 vols. *Lipsiae.*
1921. See DANNEMANN, F.
- PLISCHKE, HANS** [1890-].
1926. Fernão de Magalhães; die erste Weltumsegung. 2nd ed. 8vo. *pp. 158. pl. map.* *Leipzig.*
The story of the first world circumnavigator contains a number of early natural history observations.
- PLÖN. Biologische Station.**
- 1905-12. Forschungsberichte; von Otto Zacharias. 20 vols. 8vo. Including Neue Folgen and Supplement. *Berlin and Stuttgart.*
- PLOT, ROBERT.**
1686. Natural History of Staffordshire. *folio. pp. 16+450. 37 pl.* *Oxford.*
One of the rare treatises of this English naturalist.
- PLUCHE, NOËL ANTOINE** [1688-1761].
1733. Spectacle de la nature; or, Nature display'd; being discourses on such particulars of natural history as were thought most proper to excite the curiosity, and form the minds of youth. 2 vols. 12mo. Pt. I, *pp. xvi+279. 13 pl.* Pt. II, *pp. 300+(16). 8 pl. index.* *London.*
A general pre-Linnean natural history of considerable merit; in two parts, and written in dialogues. Numerous editions were issued, the fourth in 1743, a sixth in 1744, a tenth in 1766-70. The French original in 8 vols. appeared in 1732-51.
- 1739-68. Spectacle de la nature, etc. 8vo. *illust.* *Paris.*
Another French edition.
1740. Spectacle de la Nature; or Nature Displayed, being Discourses on Fish, Birds, etc. Edited and translated by S. Humphreys. 3 vols. *London.*
- 1743-4. Spectacle de la nature: or, Nature display'd. 12mo. *London.*
The present, sixth edition, contains three volumes only, of which vol. II contains the account of the birds, pp. 157-200, accompanied by two copper plates representing 12 species. Vol. IV appears to be of the fourth edition (1743), with the omission of the translator's name on the title-page.
1744. Spectacle de la Nature, or nature delineated, etc. Vol. III. 8vo. *pp. 32+370.* Tr. from the French by John Kelly, D. Bellamy, and J. Sparrow. *London.*
From Dean Adams' Library.
- 1754-6. Spectacle de la Nature, etc. . . . de l'Histoire Naturelle. Vols. II-VI. 8vo. 145 pl. *Paris.*
Still another French edition, lacking vol. I.
- PLYMOUTH INSTITUTION AND DEVON AND CORNWALL NATURAL HISTORY SOCIETY.** *Plymouth, Eng.*
- 1855-6/date. Annual Reports and Transactions.
1830. Transactions of the Plymouth Institution.

POCCI, FRANZ VON.

1906. Der Fasan in Bayern; eine historische und zoologische Darstellung. 8vo. pp. 8+225. 10 col. pl. map. index. München.

PO CHÜ-I [772-846] and **K'UNG CHUAN.**

n.d. T'ang Sung po k'ung liu t'ieh. Work of information, including animals, birds, butterflies, fishes, etc., chüan 94-8. 28.5 x 18.4 cm. [G.]

POCOCK, CONSTANCE INNES.

1913. Highways & byways of the Zoological gardens. 8vo. pp. 12+192. illust. London.

POEMS ABOUT BIRDS IN SINHALESE.

1915-25. 6 vols. 8vo. Vols. 1-6, pp. 600. 1 fig. (portr.). Ceylon.

CONTENTS. Vol. [1]. Nilakobo sandesaya; or, The blue pigeon's message, by Baranaganit Acharya. [2]. Wanasiwue sandesa; or, The jungle cock's message. [3]. Girasandesa; or, The parrot's message, by T. Sugatapala. [4]. Tisara sandesaya; or, The swan's message. [5]. Selalihini sandesa warnanawa; or, The blackbird's message, by Bomunuwe Saranda Thera. [6]. Selalihini sandesa, by Sangharaja Sri Rahula.

All of these poems are published by the Native Press in Ceylon. There are several others of like character, some of them centuries old, in modern type as well as in Pali script (*olas*) in the form of dialogues and other media dealing with Sinhalese Bird-Lore; and these messages are good, typical examples of native folk-lore literature.

POEPPIG, EDUARD FRIEDRICH [1798-1868].

1847-8. Illustrierte Naturgeschichte des Thierreichs. 4 vols. folio. Leipzig.

CONTENTS. Vol. 1. Säugethiere. 2. Vögel. 3. Reptilien und Fische. 4. Wirbellose Thiere.

All of these volumes have been separately published as independent treatises.

POEY Y ALOY, FELIPE [1799-1891].

1851-8. Memorias sobre la historia natural de la Isla de Cuba, etc. 2 vols. 4to. 53 pl. (17 col.). Habana.

One of the classic accounts of animal life in Cuba, by a well-known Spanish naturalist.

POGGESI, ANG.

1697. Della Pisana Caccia Libri II. Pisa.

A very rare book on hunting, with a description of animal life.

POLEHAMPTON, EDWARD and **GOOD, J. M.**

1821. The gallery of nature and art; or, A tour through creation and science. 6 vols. 8vo. illust. London.

POLLARD, ALFRED W.

1908-13. Catalogue of Books printed in the 15th Century now in the British Museum. Pts. I-III. folio. London.

All of this noted bibliographer's works are valuable for a study of vertebrate zoology.

1926. Early Illustrated Books. 8vo. London.

A handy and useful little treatise by a well-known bibliographer.

**** and **REDGRAVE, G. R.**

1926. Books printed in England, Scotland, and Ireland, and English Books printed Abroad, 1475-1640. 8vo. pp. 16+609. London.

This book, which marks an epoch in the history of English bibliography, forms an indispensable work of reference to librarians, book-collectors and owners of libraries, bibliographers, students of English literature, as by its use, for one thing, consultation of an enormous number of other books will be rendered unnecessary. It

contains entries of over 26,000 different books in their various editions.' [O. 7676.]

POLLARD, EVELYN H.

1900. The birds of my parish. 12mo. pp. xiii+294. 6 pl. London.

POLLARD, HUGH B. C.

1928. Wildfowl and Waders: Nature and Sport in the Coastlands. 4to. 64 pl. (16 col.). London.

POLLEN, FRANÇOIS P. L. and **DAM, D. C. VAN**

[-1886]. 1868-77. Recherches sur la Faune de Madagascar. Vols. 1-5 (all pub.). 4to. col. pl. Leyden.

A rare and important series, vol. 3 of which was (?) unpublished. H. Schlegel and F. P. L. Pollen described the mammals and birds; P. Bleeker the fishes.

POLLICHIA.

1843-1922. Mitteilungen. (All pub.) Dürkheim.

1843-54. As Jahresbericht der Pollichia eines Naturwissen. Verein d. Bayer. Pfalz.

1920-2. Mitteilungen. New series.

PONTING, HERBERT GEORGE.

[1926]. The great white South; or, With Scott in the Antarctic; being an account of experiences with Captain Scott's South pole expedition and of the nature life of the Antarctic. 8vo. pp. xxvi+306. front. 76 pl. 1 map. T. of c. London.

A most interesting account of a thrilling adventure. Birds are treated mostly on pp. 217-60 accompanied by 19 plates representing 41 figures. The first edition was published in 1921, the present one being the seventh impression.

PONTOPPIDAN, ERIK LUDVIGSEN [1698-1764].

1755. The Natural History of Norway. Tr. from the original Danish. 2 pts. folio. Lond.

The author, Bishop of Bergen, published the first edition of this important work at Copenhagen before 1753, when a German translation was also made.

1766-7. Daenischer Atlas oder Beschreibung des Daennemark, etc. 2 vols. Kopenhagen.

German translation from the Danish by J. A. Scheibe. The first volume contains the zoology.

POPE, ALEXANDER [1849-] and **INGERSOLL, ERNEST.**

1878. Upland game birds and water fowl of the United States. folio. pp. (2)+(40). 20 pl. (col.). New York.

A series of mounted chromolithographs (in portfolio) by the author accompanied by brief accounts of each species which, according to Coues, were written by Ernest Ingersoll. The work was issued in ten parts, each with two plates and corresponding text. The copy recorded by Coues appears to have the copyright dated 1877 for the first part, and 1878 for the remainder.

POPE, W. H.

1905. Wild-fowl. See SHAW, L. H. DE V.

POPULAR BULLETINS.

1908-14. Edited by Dr. A. Haagner, Pretoria, Transvaal. Issued by the S. African Ornith. Union. See JOURNAL SOUTH AFR. ORNITH. UNION, also BULLETIN SERIES.

PORTA, JOHANNES BAPTISTA [1545-1615].

1591. Phytognomonica ... octo libris contenta etc. 8vo. pp. 16+552. illust. Francofurti.

A curious attempt by a celebrated Neopolitan oculist to find parallels (in form especially) between various species of the animal and vegetable kingdoms. There are several editions, the first issued in Naples, 1588.

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- * Pomay (and Pomey) Francois. Ein sehr artig Buchlein ~~rep~~ reprint ^{medieval} ~~on~~ ~~manuscript~~
MS. on Venery and Falconry. Stuttgart, 1886.
- ← Pommeresche, H. de. De usi longirostris scelets. Traug. Diss. Univ. Frederica
guilelma. 2 op. 2 pls.

- ← 1644. Magia naturalis libri viginti. 16 mo. pp. 670, illus., Index. Leiden.
1650. Magia naturalis libri viginti. 12 mo. pp. 662, illus., Index. Rothmaji.

Practical Bird Keeping. ¹⁹¹³ article from "The Avicultural Magazine"
8 No. 1913. →

POPULAR SCIENCE REVIEW. 1861-81.
London.**PORTER, Mrs. GENE STRATTON** [1868-1924].
[1907]. What I have done with birds. 8vo. pp. (xxii)+257. 42 pl. (16 col.). 66 figs. Indianapolis.

The title is sufficiently explanatory. Unfortunately the work is decidedly full of errors, as pointed out in margin notes by the one-time owner of the present volume. Inserted is an autographed letter from the author to the said owner, in reply to his letter regarding these errors.

1909. Birds of the Bible. 8vo. pp. 467. 81 pl. 7 figs. 1 map (col.). Cincinnati.

1910. Music of the wild, with reproductions of the performers, their instruments and festival halls. 8vo. pp. 426. illust. London.

[1912]. The song of the cardinal. 8vo. pp. (6)+136. 4 figs. Indianapolis.

1919. Homing with the birds; the history of a lifetime of personal experience with the birds. 8vo. pp. xv+381. front. 83 figs. index. Toronto.

1925. Tales you won't believe [about birds and flowers]. 8vo. pp. ix+327. 24 pl. Garden City, N.Y.

PORTER, ROSE [1843-1906].
1897. A charm of birds [poems]. 12mo. pp. 206. New York.
An avian anthology from Shakespeare to Whittier.**PORTICI. Laboratorio di Zoologia Generale e Agraria.**
1905-date. Bollettino.**PORTIS, ALESSANDRO** [1853-].
1884-7. Contribuzioni alla Ornitologia Italiana. 4to. pp. 26. 2 pl. Torino.**PORTLAND SOCIETY OF NATURAL HISTORY.**
Portland, Me.
1846. Journal.
1862-date. Proceedings.
1880-9. Proceedings.**PORTLOCK, NATHANIEL** [1748?-1814].
1789. (A) Voyage round the World; but more particularly to the north-west coast of America . . . in 1785-88 in the King George and Queen Charlotte. 4to. pp. 384+40. 19 pl. 1 map. London.**PORTO RICO AND VIRGIN ISLANDS, SURVEY.**
1927-date. Scientific Survey of Porto Rico. New York.

At the end of 1930, 31 parts of this monumental review of the natural history (including all the vertebrates) of the U.S. possessions in the West Indies, conducted by the N.Y. Academy of Sciences and the Government of Porto Rico, have appeared. These publications include documents on mammalogy and the other vertebrate classes.

PORTUGALIA. Oporto.
1899-1908. Continues Revista de Ciencias Naturaes e Socieas.**POSTGATE, ISABELLA J.**
1914. Song & wings, a posy of bird poems for young and old. 8vo. pp. x+50. 14 pl. (col.). T. of c. London.
A second edition was issued in 1922.**POTOMAC-SIDE NATURALISTS' CLUB.**
See FIELD AND FOREST.**POTTER, THOMAS ROSSELL** [1799-1873].
1842. The history and antiquities of Charnwood Forest. 4to. pp. 8+192+80. illust. London.**POUCHET, HENRI CHARLES GEORGES** [1833-94].
1894. See JAN-MAYEN.**POULTON, EDWARD BAGNALL** [1856-].
1890. Colours of animals, their meaning and use. 8vo. pp. xiii+360. 1 pl. (col.). 66 figs. index. New York.**POWYS, THOS. L.** See LILFORD, LORD.**POYNTING, FRANK** [1848-97].
1895-6. Eggs of British birds, with an account of their breeding-habits. Limicolæ. 4to. pp. xvi+(254). 54 pl. (col.). bibliogr. index. London.
The work was abandoned, owing to the death of the author, after the first four parts had appeared.**PRACE ZOOLOGICZNE.**
1922-4. Polskiego Państwowego Museum Przyrodniczego. Tom I, II, III No. 1. 2. Warszawa.**→ PRACTICAL NATURALIST.** London. 1883?**PRAGUE. Státní Hvězdárně. Zoologický Ustav.**
1915? Sborník Zoologický.**PRAKTISCHE GEFLÜGEL-, KANINCHEN-, FISCH- UND BIENEN ZÜCHTER.**
1879. Vienna.**PRAKTISCHE GEFLÜGEL- UND KLEIN- VIEHWIRTSCHAFT.** 1919-date. Frankfurt-a-O.**PRAKTISCHE GEFLÜGELZÜCHTER, DER. Zeitschrift f. Geflügelzucht und Vogelschutz.**
1881. Hameln.**PRATJE, ANDRE.**
1923. Das Leuchten der Organismen eine Übersicht über die neuere Literatur. 4to. pp. 109. illust. München.**PRATT, ANNE** [1806-93]. See PEARLESS, Mrs. ANNE (BORN PRATT).**PRATT, ANTWERP E.**
1892. To the Snows of Tibet through China. 8vo. pp. 18+268. 30 pl. 1 map. illust. text. London.
In the appendixes a list of Chinese birds is given; while A. Günther describes the reptiles and fishes (among them new species) collected during the expedition.**PRATT, SAMUEL JACKSON** [1749-1814].
1798. Pity's gift; a collection of interesting tales to excite the compassion of youth for the animal creation. 2nd ed. 8vo. pp. viii+147. 15 pl. T. of c. London.**PRATTEN, HENRY.** 1852. See UNITED STATES. GEOLOG. SURVEY, WISCONSIN, etc., 1852.**PRAY, LEON LUTHER** [1882-].
1913. Taxidermy. 12mo. pp. 113. 44 figs. T. of c. New York.

- PRAŽÁK, J. P.**
1897. Ueber die Vergangenheit und Gegenwart der Ornithologie in Böhmen. *Svo.* pp. 86. *Gera.*
A contribution to the history of Bohemian ornithology with a complete bibliography of the literature to date. The volume in hand is a presentation copy from the writer to Prof. A. Reichenow, from whose library it was secured.
- PREBLE, EDWARD ALEXANDER** [1871-].
1908. A biological investigation of the Athabaska-Mackenzie region. *Svo.* pp. 574. *Washington.*
A separate volume of *North American Fauna*, No. 27, treating the Zoology of an important area of the Canadian Northwest.
- PRENTIS, WALTER.**
1894. Notes on the birds of Rainham including the district between Chatham and Sittingbourne. *Svo.* pp. 92. *index.* *London.*
- PRENTISS, DANIEL WEBSTER** [1843-96] and **COUES, E.**
1883. Avifauna Columbiana. See COUES, E. and PRENTISS, D. W.
- PRESSBURG. Verein f. Naturkunde.**
1856-66. Verhandlungen. Vols. 1-9.
- PRETORIA.**
1908-*date.* Annals of the Transvaal Museum.
- (K.) PREUSSISCHE AKADEMIE DER WISSENSCHAFTEN.** *Berlin.*
1804-1907. Abhandlungen.
1908-*date.* Abhandlungen (Physikalisch-mathematische Klasse).
1836-55. Bericht.
1808-24. Denkschriften.
1882-97. Mathematische und naturwissenschaftliche mitteilungen.
1786-1804. Mémoires.
1856-81. Monatsberichte.
1770-86. Nouveaux Mémoires.
1882-1921. Sitzungsberichte.
1922-*date.* Sitzungsberichte (Physikalisch-mathematische Klasse).
About one-half the above are in the McGill libraries.
- PRÉVOST, FLORENT.**
1838-43? See KNIP, Mme PAULINE.
- **** and **DES MURS, M. A. P. E.**
1840-64. See VOYAGES FRENCH, AUTOUR DU MONDE SUR . . . LA VÉNUS.
1847-51. [Mammals of Abyssinia.] See VOYAGES, FRENCH, EN ABYSSINIE.
An important contribution to African mammalogy.
- **** and **LEMAIRE, C. L.**
[1879]. Histoire naturelle des oiseaux exotiques. 3rd ed. *Svo.* pp. 168. 80 col. pl. *Paris.*
- PREYER, THIERRY WILLIAM** [1841-97]. 1882. See BLAKISTON and PREYER.
- PRICE, JOHN B.**
1931. Familiar Birds of the Stanford Campus. 12mo. pp. 8+71. *front.* *Stanford University, California.*
A well-written, popular guide to local birds, with a useful descriptive key.
- PRICHARD, JAMES COWLES** [1786-1848].
1855. The natural history of man. 2 vols. *Svo.* pp. 677. col. pl. *text-figs.* *London.*
- PRIEST, CECIL D.**
1929. A guide to the birds of southern Rhodesia and a record of their nesting habits. *Svo.* pp. xix+233. 15 pl. (14 col.). 111 figs. *glossary. index.* *London.*
additional Vol 1-11 1931
- PRINCE, E. E.**
1893. A great Scottish Naturalist (Prof. McIntosh). *Leeds.*
- PRINCETON UNIVERSITY BIRD CLUB.**
See BIRD CLUB OF PRINCETON UNIVERSITY.
- PRINCETON UNIVERSITY EXPEDITIONS TO PATAGONIA, 1896-9.**
1904-12. Reports of the Princeton university expeditions to Patagonia, 1896-1899. See SCOTT W. B.
- PRITCHARD, E.**
1895. Movement. See MAREY, ÉTIENNE JULES.
- PROCEEDINGS OF THE AGASSIZ INSTITUTE.** 1872-3. See AGASSIZ INSTITUTE.
- PROCEEDINGS OF THE BELFAST NATURAL HISTORY AND PHILOSOPHICAL SOCIETY.** 1871-*date.* See BELFAST.
- PROCEEDINGS OF THE BERWICKSHIRE NATURALISTS' CLUB.** 1831-*date.* See BERWICKSHIRE NATURALISTS' CLUB.
- PROCEEDINGS OF THE BIOLOGICAL SOCIETY OF WASHINGTON.**
1880-*date.* Index: 1-35.
- PROCEEDINGS OF THE BIRMINGHAM NATURAL HISTORY AND MICROSCOPICAL SOCIETY.** 1869-72. See also ANNUAL REPORTS.
Society founded in 1858 but in 1894 it was amalgamated with the Birmingham Philosophical Society to form the Birmingham Natural History and Philosophical Society.
- PROCEEDINGS OF THE BRISTOL NATURALISTS' SOCIETY, ENGLAND.** 1863-*date.*
- PROCEEDINGS OF THE CLEVELAND ACADEMY OF NATURAL SCIENCES.** 1849-59.
- PROCEEDINGS OF THE DAVENPORT ACADEMY OF NATURAL SCIENCES.** 1867-*date.* See DAVENPORT.
- PROCEEDINGS OF THE DELAWARE VALLEY ORNITHOLOGICAL CLUB OF PHILADELPHIA.**
Years 1890, 1891. pp. 13. Years 1892-7. pp. 42. *index. illust.* Years 1898, 1899. pp. 28. *index.* Year 1900. pp. 16. *index.*
Counting each 'Year' as a 'number' these four (abstracted) reports are forerunners of *Cassinia* (q.v.) that begins with No. V (I), 1901.
- PROCEEDINGS OF THE DORSET NATURAL HISTORY AND ANTIQUARIAN FIELD CLUB.**
1877-*date.* Index 1-41. See DORSET.

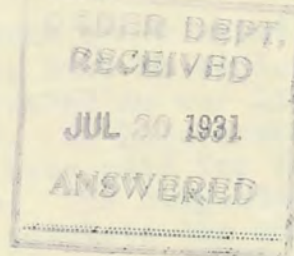
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July 10th, 1931.



Dr. C.A. Wood,
c/o Park Hotel,
Vitznau, Switzerland.

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I enclose herewith certain suggestions made by Dr. Willey, which I think should be submitted to you before ordering for the Blacker Library.

The catalogue enclosed of Oswald Weigel has been checked up by Miss Abbott and me and I shall be glad if you will run through the items marked which are not already in our Library, returning the catalogue to me with your suggestions.

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Faithfully yours,

Dr. [Name]

Chief, [Department]

Berlin, Königl. Preussische Akademie der Wissenschaften zu Berlin, Abtheilung, 1937
and continuation

Prism, 7. 1891. L'évolution des formes animales avant l'apparition de
l'homme. 800. eugs.

[Faint, illegible handwriting at the top of the page]

PROCEEDINGS OF THE ELLIOTT SOCIETY OF NATURAL HISTORY OF CHARLESTON AND SOUTH CAROLINA. 1853-90. (All pub.) See ELLIOTT SOCIETY, etc.

PROCEEDINGS OF THE FOLKESTONE NATURAL HISTORY SOCIETY. 1884-date. See FOLKESTONE . . . SOCIETY.

PROCEEDINGS OF THE INTERNATIONAL ORNITHOLOGICAL CONGRESS. See ORNIS.

PROCEEDINGS OF THE NEBRASKA ORNITHOLOGICAL UNION. 1899-1930. Irregular. 8vo. *illust.* Lincoln, Neb. A number of useful papers have been presented by field observers of repute at the meetings of this Union.

PROCEEDINGS OF THE NEW ENGLAND ZOOLOGICAL CLUB. 1900-30.

PROCEEDINGS OF THE NEWPORT NATURAL HISTORY SOCIETY. 1883-99.

PROCEEDINGS OF THE ORNITHOLOGICAL SUB-SECTION OF THE BIOLOGICAL SECTION OF THE CANADIAN INSTITUTE.

The following data were kindly furnished by Mr. J. H. Fleming, Toronto:

(I). 1889. Including the Meeting for Organization, Dec. 28, 1888. pp. 25.

(II). 1890. Jan., Feb., and March. pp. 25.

(III). 1890-1. pp. 27-89. (Pagination from *Trans. of the Canadian Institute.*)

The *Proceedings* were then merged in and succeeded by the *Biological Review of Ontario.*

These publications contain a number of valuable papers on Canadian and other North American avifauna.

PROCEEDINGS OF THE SOCIETY FOR THE PROTECTION OF BIRDS. See ROYAL SOCIETY FOR THE PROTECTION OF BIRDS. Annual report . . . with *Proceedings of the Annual meeting.*

PROCEEDINGS OF THE SOUTH LONDON ENTOMOLOGICAL AND NATURAL HISTORY SOCIETY. 1907-25. 8vo. *col. pl.* London.

PROCTOR, RICHARD ANTHONY [1837-88] and others. 1882. Nature studies. New ed. 8vo. pp. [6] + 342. 12 pl. *T. of c.* London.

PROTHEROE, ERNEST. n.d. New illustrated natural history of the world. 8vo. pp. 20 + 564. 24 pl. (*col.*). 291 figs. *index.* London.

Written to replace the Rev. J. G. Wood's *Popular Natural History.*

PROTOCOLL D. VERSAMMLUNGEN MECKLENBURGISCHER ORNITHOLOGEN.

1860-2. 1-3. 8vo.

This is the only reference known to the Compiler and is found in the *Cat. Lib. Harvard University, Scientific Serials*, 1876.

PROVANCHER, LÉON, Abbé [1820-92]. 1874. Les oiseaux du Canada, clef systématique pour l'identification des ordres, sous-ordres, tribus,

familles, genres et espèces. 8vo. pp. (4) + 26. *vignette.* 1 fig. Québec.

Key to the birds of Canada by the well-known French-Canadian naturalist. Two hundred and forty-five species are listed.

1874. Les oiseaux insectivores et les arbres d'ornement et forestiers. 8vo. pp. 30. 1 pl. 4 figs. Québec.

A brief discussion of some beneficial birds of Quebec, with a plea for their protection.

PROVINCE OF QUEBEC. Society for the Protection of Birds.

1917. The message of the rossignol. 18mo. pp. 18. 7 figs. (1 *col.*). Montreal.

This tractate sets forth the aims and objects of the Society, founded January 4, 1917. The cover bears a colored figure of a Song Sparrow, the emblem of the Society.

PROVINCIAAL UTRECHTSCH GE-NOOTSCH. VAN KUNSTEN EN WETENSCHAPPEN.

1845-1921. Aanteekeningen.

1862-70. Natuurkundige Verhandelingen.

1822-54. Nieuwe Verhandelingen.

1781-1821. Verhandelingen.

PRUSSIA. See MARTENS, EDUARD C., 1867-76.

PRÜTZ, GUSTAV and **DIETZ, H.**

1883. Die Tümmeler- und Purzlertauben. See DIETZ, H. and PRÜTZ, G.

1887. Illustriertes Mustertauben-Buch; enthaltend das Gesammte der Taubenzucht. 2 vols. in 1. 4to. pp. 7 + 438. 81 *col. pl.* *T. of c.* Hamburg.

The most complete and best illustrated of all the works on domestic pigeons, their varieties and culture. The work seems to be quite scarce.

PRZIBRAM, HANS [1874-].

1907-13. Experimental-Zoologie. 4 vols. to date. 8vo. *illust.* Leipzig and Wien.

One of the best and most modern of treatises on this important subject.

PTIZEWODNOE, etc. [In Russian.] Title in German, *Journal für Vogelzucht.*

Herausgegeben von der Kaiserl. Russischen Gesellschaft für Vogelzucht. Redigirt von d. Chalturin. 4to.

1898-1916. (All pub.?) Moscow.

PTIZEWODSTWO, etc. (Wochenschrift für Vogelzucht.) Weekly. In Russian. 4to.

The following brief notes from *Naturae Novitates*: Jahrg. 1898. 52 nos.-Jahrg. 1915. 52 nos. (All pub.?) Moscow.

PUBLICATIONS OF ACADEMY OF SCIENCES, PASADENA. 1897-8. See ACADEMY OF SCIENCES, PASADENA.

PUBLICATIONS OF THE FIELD MUSEUM OF NATURAL HISTORY, CHICAGO. 1894-date. See FIELD MUSEUM, etc.

PUBLICATIONS OF LYNN NATURAL HISTORY SOCIETY. See LYNN NATURAL HISTORY SOCIETY.

PUBLICATIONS OF MCGILL UNIVERSITY. See CANADA MCGILL UNIVERSITY, PUBLICATIONS.

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- PUBLIC SCHOOL SERIES.**
n.d. Nature in New Zealand. See DRUMMOND, J.
- PUBLIKATIONER. Copenhagen Universitet, Zoologiske Museum. 1917-date.** See COPENHAGEN.
- PUCHERAN, JACQUES** [1817-94]. See VOYAGE AU PÔLE SUD, 1841-54.
- PUJOUXX, JEAN BAPTISTE** [1762-1821]. An. XIII-1805. Le Naturaliste du Second Âge, ouvrage destiné à servir de suite et de complément au *Liure du Second Âge*, etc. 8vo. 14 pl. many figs. *index.* Paris.
- PULTENEY, RICHARD** [1730-1801]. 1805. A general view of the writings of Linnaeus. 4to. pp. 15+595. 2 pl. 2 portr. London.
Among the best of the many Lives of the celebrated naturalist. The present volume is the second edition containing Memoirs by W. G. Maton. The first edition was published in 1781.
- PU SHIH** [2nd cent. A.D.]. 1884. Yang yang fa. How to raise sheep. pp. 2. (In *Yü han shan fang chi i shu.*) 20 × 12.6 cm. [G.]
- PUTNAM, F. W.** 1868. See AMERICAN NATURALIST.
- PUTNAM, GEORGE HAVEN.** 1896. Books and their Makers during the Middle Ages. A Study of the Conditions of the Production and Distribution of Literature from the Fall of the Roman Empire to the Close of the Seventeenth Century. 2nd ed. 2 vols. 8vo. Vol. I, 476-1600. Vol. II, 1500-1709. New York.
A masterly treatise worthy of any library. 'It is seldom that such wide learning, such historical grasp and insight, have been employed in their service.'—*Atlantic Monthly.*
- PUXLEY, W. LAVALLIN.** 1925. Green islands in glittering seas. 8vo. pp. 315. front. 15 pl. *T. of c.* London.
Wanderings of a naturalist among the islands of the South Pacific, New Guinea in particular.
- PYCRAFT, WILLIAM PLANE** [1868-]. 1890. A contribution to the pterylography of birds' wings. 8vo. pp. 24. *bibliogr.* Leicester.
Author's reprint, a valuable contribution to our knowledge of the subject.
1894. The Courtship of Animals. 8vo. London.
- 1898-1902. See WILLEY, A.
1898. A contribution towards our knowledge of the morphology of the owls. 4to. pp. 223-75. pl. 24-9. 5 figs. *bibliogr.* (Author's excerpt.) [London.]
1901. The Story of Fish-Life. pp. 210. 1 pl. *illustr. text.*
A well-written popular work, one of the Library of Useful Stories.
[1901-2]. See CORNISH, C. J., ed.
1908. A book of birds. 4to. pp. viii+155. 30 col. pl. 15 cuts in text. London.
A popular treatise with a scientific flavor. Despite their small size the colored (plate) figures are helpful aids to identification.
- [1910]. A history of birds . . . with an introduction by Sir Ray Lankester. 4to. pp. 31+458. *illustr. index.* London.
1910. Ruwenzori expedition reports. See OGILVIE-GRANT, WILLIAM ROBERT.
- 1911-13. The British bird book. See KIRKMAN, F. B. B.
1914. The courtship of animals. 2nd ed. 8vo. pp. xvi+318. front. 39 pl. *index.* London.
The first edition appeared in 1894.
1922. Birds in flight. 8vo. pp. 10+139. 29 pl. (12 col.). *T. of c.* London.
Bird-flight is well treated, and in popular fashion, with the aid of artistically drawn pictures by Roland Green. Several original examples of this illustrator (used in this copy) are in the E.S.W. Library.
- [1925]. Camouflage in nature. 8vo. pp. 14+280. London.
- [ca. 1928]. See BOULENGER, E. G.
- n.d. The infancy of animals. 2nd ed. 8vo. pp. xiv+272. 64 pl. 22 figs. *index.* London.
- QĀSIM, MUHAMMAD SULAYMĀN.** 1794. Faras-nāma. (Persian Manuscript.)
A detailed treatise on the horse, recognition of good and healthy animals, different stocks, etc., also on treatment of diseases of horses, their upkeep, hygiene, etc. It is a very valuable and comparatively rare version of the translation of the ancient Indian treatise, *Salihotra*, prepared by 'Abdu'l-lah ibn Sa'fi by the order of the Bahmanide king of the Deccan, Ahmad I, then the heir apparent, in A.H. 810 or A.D. 1407. The work is divided into 51 *bābs*, or chapters, each subdivided into a different number of paragraphs, or *faṣṭs*. At the end (pp. 342-51) there is another short treatise on the same subject, in which the name of the author and the date of composition are not given.
The copy is dated the 27th Ramadan A.H. 1208 or the 9th Apr. 1794. Scribe: Muhammad Sulaymān b. Muḥammad Qāsim, written at Changhat, Persia. Crude illustrations. Condition fairly good.
- QUARITCH, BERNARD** [1819-99]. 1912. Catalogue of books on natural history. 8vo. pp. (4)+316. *T. of c. addend.* London.
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- QUARTERLY BULLETIN OF ZOOLOGY.** 1903-5. Vols. I-II. Harrisburg, Pa.
- QUARTERLY OF THE CHARLESTON MUSEUM, CHARLESTON, S.C.** 1923-date.
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- QUARTERLY JOURNAL OF THE FOLKESTONE NATURAL HISTORY SOCIETY.** 1868-9. Nos. 1-4 (all pub.). See FOLKESTONE . . . SOCIETY.
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- Pycraft, W.P. 1894-1906. 11 papers on avian anatomy. W. pl. a. fig.
- (Pycraft, W.P.) 1931. The Standard Natural History, from Amoeba to man. pp. 942.
- Pulpin, M.I. 1923. From Immigrant to Inventor. pp. 396. 12th ed.
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1854. *Souvenirs d'un Naturaliste. 2 vols. 12mo. Paris.*

Edited excerpts from the *Revue des Deux Mondes*.

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1861. *Unité de l'espèce humaine. 12mo. pp. 16+420. Paris.*

QUEENSLAND MUSEUM. *Brisbane.*
1891-1911. *Annals. Continued as Memoirs.*
1912-*date. Memoirs.*

QUEENSLAND NATURALIST. (Field Naturalists' Club, Brisbane.) 1908-*date. Brisbane.*

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QUEKETT MICROSCOPICAL CLUB. *London.*
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QUENSEL, CONRAD.
1804. *Utkast till Elefantens Naturalhistoria. 8vo. pp. 31. pl. Stockholm.*

QUENSTEDT, FRIEDRICH AUGUST VON [1809-89]
1855. *Ueber Pterodaetylus suevicus im lithographischen Schiefer Württembergs. 4to. pp. 4+52. illust. Tübingen.*

QUÉPAT, NÉRÉE. See PAQUET, H. R. R.

(THE) QUILL AND THE CANDLE.
1927. *Poems of Birdland in Canada. Toronto.*

QUOY, JEAN RENÉ CONSTANT [1790-1869]. See VOYAGES, FRENCH, L'ASTROLABE, 1830, and VOYAGE . . . [DE] L'URANIE ET LA PHYSICIENNE, 1824-6.

**** and GAIMARD, JOSEPH PAUL [1790-1858]. [1827]. *Observations zoologiques faites à bord de l'Astrolabe en Mai 1826, etc. 8vo. 8 col. pl. Paris.*
An important section of the report on this famous voyage.

RABANUS MAURUS, Archbishop of Mainz [776-856].
1467. *De Sermonum Proprietate, seu de Universo. Roman Letter, double columns of 56 lines. Initial spaces, initials, paragraph-marks, and initial-strokes painted in red. Without printed signatures, foliation, or catchwords. [Strassburg, R-Printer = Adolf Rusch, before 20 July 1467.] folio. Proctor 239 [O.]*

Book VII, Chapter I, contains the earliest descriptions of animals ever printed. The other chapters of Book VII are as follows: *De minutis animalibus; De serpentibus; De vermibus; De piscibus; De avibus; De minutis avibus.*
This, first of all printed Encyclopaedias, has the distinction of being Number One in Sir William Osler's chronologically arranged *Incanabula Medica*, as it also contains the earliest account of Medicine to appear in print.
Without place or date of impression like all the 'R-Printer's' (Adolf Rusch's) books, but printed in a Roman type, the first Roman type used in Germany, with a peculiar capital R from which the press is named. The *Bibliothèque Nationale* copy bears

the full date of purchase, July 20th, 1467, inscribed by the first owner.

This Encyclopaedia is vastly interesting for the information it gives on every branch of human knowledge, and throws light on the beliefs current in the Middle Ages.
Rabanus was born at Mainz about 776, and reigned as Abbot in the Benedictine Monastery of Fulda from 822-42. From 847 he was Archbishop of Mainz. He and his master, Alcuin (who named him Maurus in memory of the famous disciple of St. Benedict), were the foremost scholars of the age of Charlemagne, and may be justly called the creators of education and schools in Germany.
Three copies only of this rare edition are known in the United States, one in the College of Physicians Library, one in Cornell University Library, and a third in the *Bibliotheca Osleriana*, McGill University.

RABAT. Mémoires de la Société des Sciences naturelles du Maroc. 1920-30.

RABAUD, ÉTIENNE [1868-].
1928. *How animals find their way about. A study of distant Orientation and Place-Recognition. Tr. by I. H. Myers. 8vo. pp. ix+142. 30 figs. index. London.*

RABIÉ, Major-General. See ORIGINAL DRAWINGS, 1767-84.

RACCOLTA DI STORIA NATURALE. 1784-5? *Rome.*

RACOVITZA, ÉMILE G. [1868-]. See BELGIUM. 'La Belgica', 1901-13.

RADCLIFFE, LEWIS. 1917. See EVERMANN, BARTON WARREN.

RADCLIFFE COLLEGE MONOGRAPHS. *Boston.*

1888-1911. 1, 2, 8 published also as Contributions from the Zoological Laboratory of the Museum of Comparative Zoology of Harvard College.

RADDE, GUSTAV FERDINAND RICHARD [1831-1903].

1862. *Die Säugethierfauna im Süden v. Ost-Sibirien. 4to. 14 col. pl. 4 maps. St. Petersburg.*
On the mammalia of South-Eastern Siberia by an authority on Russian fauna.

1884. *Ornis Caucasica. Die Vogelwelt des Kaukasus systematisch und biologisch-geographisch beschrieben. 4to. pp. 12+592. 25 col. pl. 6 text-figs. map. Cassel.*

A systematic and thorough descriptive treatise on the birds of the Caucasus. The work was issued to subscribers in (four) parts. The plates were colored by the author.

1890. *Vierter Nachtrag zur Ornis caucasica. 8vo. pp. 44. Wien.*

The fourth supplement to *Ornis Caucasica*, being a specially entitled excerpt from *Ornis*, 1890.

1892-1900. *Berichte über das Kaukasische Museum und die öffentliche Bibliothek in Tiflis, für die Jahre 1892-1900. 9 pts. 8vo. pl. Tiflis.*

A useful catalogue and bibliography of the natural history of the Caucasus, especially of its birds. From the Cabanis-Reichenow collection.

1899. *Sammlungen d. kaukas. Museums. Bd. I. Zoologie. (German and Russian.) 24 pl.*

RADEL, EMMANUEL. See RÁDL, EMMANUEL.

RÁDL, EMMANUEL.
1905-13. *Geschichte der biologischen Theorien. 2 vols. [O.] Leipzig.*

- RAFF**, GEORG CHRISTIAN.
1788. *Naturgeschichte für Kinder*, etc. 8vo. Tübingen.
1798. *Naturgeschichte für Kinder*. 8vo. pp. 18+724. *illustr.* Tübingen.
Sixth edition, published after the author's death by F. A. A. Meyer.
- RAFINESQUE-SCHMALTZ**, CONSTANTINE SAMUEL [1783-1840].
1816. Circular address on botany and zoology; followed by the prospectus of two periodical works; *Annals of nature and Somiology of North America*. pp. 36. Printed for the author by S. Merritt. Philadelphia.
This excessively rare Americana was secured for the Blacker Library from Taeuber and Weil, Munich. The copy in hand is a presentation by the author to Robert Brown, the English botanist.
1820. *Annals of Nature*. Photostat through the courtesy of the library of the U.S. National Museum, Washington.
An unfinished work intended to appear as a regular periodical. See the author's *Circular address on Botany and Zoology*.
1899. *Ichthyologia Ohioensis*, etc. Reprint and sketch by R. E. Call. 8vo. pp. 175. *illustr.* Cleveland, Ohio.
1908. *Annals of nature; or, Annual synopsis of new genera and species of animals, plants, &c., discovered in North America*. First annual number, for 1820. [Lexington, Ky., Printed by T. Smith, 1820.] 8vo. pp. (2)+16. Iowa City, Ia.
The present edition (privately reprinted by T. J. Fitzpatrick of Iowa City, Iowa, January 15, 1908) is an exact copy, line for line, and page for page, of the rare pamphlet entitled *Annals of Nature*, by C. S. Rafinesque, issued on the frontier at Lexington, Kentucky, in 1820. On the pages of this pamphlet 25 new genera and 124 new species are proposed and characterized, distributed throughout the animal and vegetable kingdoms. Of birds four new species are described, *Milvus leucomelas*, *Ardea phaïoma*, *Charadrius viridis*, and *Hirundo phenicephala*.
- RAIMONDI**, EUGENIO.
1785. *La Caccia delle fiere*, etc. pp. 393. *illustr.* ? Roma.
- RAINE**, WALTER.
1892. *Bird-nesting in North-West Canada*. 8vo. pp. vii+197. 6 pl. (col., eggs.) 28 pl. (monochr.). 6 figs. *index.* Toronto.
- RAJA RAJESWAR-RAO** of Hydarabad.
1906. *Tashrihu'l-faras*. Various breeds of horses. In Hindustani. 4to. pp. 23. *lithogram*. Lucknow. A modern treatise.
- RALFE**, PILCHER GEORGE.
1905. *The birds of the Isle of Man* [183 species]. 8vo. pp. lv+321. 49 pl. 2 maps (col.). *addend.* *index.* Edinburgh.
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1878. *Les oiseaux dans la nature; description pittoresque des oiseaux utiles*. folio. n.p. 60 col. and 50 plain pl. 122 figs. *in text.* Paris.
This ponderous 'parlor edition', although written and printed in popular style, is still a scientific work of reference and the portraits of the birds are well reproduced. It is not listed in the *Cat. Br. Mus. (Nat. Hist.)*.
1916. *Die Vögel und ihre Welt* [von] Eugène Rambert und L. P. Robert; Vorwort von Philippe Godet; aus dem französischen übertragen von H. Forster; mit zwei Beiträgen von Alfred Huggenberger. 4to. pp. (4)+414. 50 pl. (col.). *index.* Bern.
The book first appeared in French 38 years previously. The text is by Rambert, the aquarelles by Robert. The copy in hand is an *édition de luxe*.
1922. *Die Vögel und ihre Welt*. 50 col. pl. Zürich.
Another Swiss edition of this popular work.
- RAMÍREZ**, RICARDO.
1898. *Zoologica agricola mexicana*. Mexico.
- RAMSAY**, EDWARD PIERSON.
1876-94. *Catalogue of the Australian birds in the Australian Museum, Sydney, N.S.W.* Pts. I-IV and supplement. 8vo. Pt. I, pp. viii+64+3. 2 *indexes*. Pt. II, pp. 26+(5). 2 *indexes*. Pt. III, pp. (8)+106+iv. 2 *indexes*. Pt. IV, pp. (8)+23+(1). 2 *indexes*. *supplement*, pp. 9+(6). 2 *indexes*. Sydney.
1888. Tabular list of all the Australian birds at present known to the author, showing the distribution of the species over the continent of Australia and adjacent islands. 4to. pp. 4+38 ff. *map.* Sydney.
1890-8. *Catalogue of the Australian birds in the Australian Museum, Sydney, N.S.W.* Pts. I and II. *Accipitres and Striges*: By E. P. Ramsay. 2nd ed. With additions by A. J. North. 8vo. Pt. I, pp. xiii+74. 2 *indexes*. Pt. II, pp. (8)+30. 2 *indexes*. Sydney.
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Author's reprint from *Trans. Linn. Soc. New South Wales*. Descriptions of collections from the interior of the island, and on the slopes of Mount Astrolabe. Seven new species of birds are described.
- RAMSAY**, ROBERT GEORGE WARDLAW [1852-1921].
1881. *The ornithological works of Arthur, ninth Marquis of Tweeddale*. See TWEEDDALE, A. H.
1923. *Guide to the birds of Europe and North Africa; with a biographical memoir by W. E. Clarke*. 8vo. pp. 12+355. *illustr.* *index.* London.
- RAMSEYER**, JOH. ULRICH.
1912. *Der Gesang, das Leben und Lieben unserer Singvögel*. 2nd ed. 12mo. pp. 12+83. 4 col. pl. *T. of c.* Aarau.
1912-13. *Unsere gefiederten Freunde; Freud und Leid der Vogelwelt*. 2 vols. 8vo. Vol. I, 1912, pp. 98+2. 16 col. pl. 60 text-figs. Vol. II, 1913, pp. 83. 16 col. pl. 38 text-figs. Bern.
- RANDOM NOTES ON NATURAL HISTORY**. 1884-6. Providence, R.I.
- RANGIN SA'ADAT YAR KHAN OF DELHI** [d. 1835].
1886. *Faras-nāma-i-Rangin*. Versif. tract on horses. Hindustani lithogram. pp. 24. Cawnpore.
- RANZANI**, CAMILLO [1775-1841].
1819-26. *Elementi di zoologia*. 3 vols. 8vo. *illustr.* Bologna.

Rafinesque. 1895. Life and Writings. By Richard E. Call. 1 4to. pp. 227. Portrait
Pub. by the Filson, Club. Louisville. Ky. with orig. covers.

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1911. See also, Phillott, C. D.

→ Paton, F. R. 1906. *Brachyza and Macrura of the Hawaiian Islands*. 24 pls.

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1692. Same. 2^d ed, very much enlarged, 2 pts in 1 vol. 12 mo.
1717. Same. 7th ed. 8vo. (annorial bookplate of his Philip Touchet Chetwood)
1722. Same. 8th ed. 8vo.
1759. Same. 12th ed. 8vo. (This work provided Paley with many illus.)
1844-6. Same. Wernerian Club reprint. roy 8vo. woodcuts.
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→ 1929. *Bird Haunts and Bird Behaviour*. 8vo. 16 illus. from photos. London.

→ Raven.

- RAPINE, JOSEPH** [1884-] and **MÉNÉGAUX, H. A.**
[1921]. Les noms des oiseaux trouvés en France, etc. See Ménégaux, H. A. and Rapine, J.
1828-9. See REBOUSSIN, ROGER.
- RASMUSSEN, KNUD JOHAN VICTOR** [1879-].
1921. Greenland by the Polar sea; the story of the Thule expedition from Melville Bay to Cape Morris Jesup, translated from the Danish by Asta and Rowland Kenney. 4to. pp. xxiii+326. 104 pl. (8 col.). 11 maps. 2 figs. index. London.
References to birds occur throughout the book.
- RASPE, RUDOLF ERICH** [1737-94].
1763. Specimen historiae naturalis globi terraeque, etc. Lipsiae.
- RASSEGNA DELLE SCIENZE BIOLOGICHE.** 1919-date. Florence.
- RATHBUN, FRANKLIN ROOT** [1838-] and others.
1879. (A) revised list of [236 species of] birds of central New York. 8vo. pp. 47. Auburn, N.Y.
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1905. The United States National museum: an account of the buildings occupied by the national collections. Author's reprint. 8vo. pp. 135. illust. Washington.
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1877. Pisces [Red Sea]. Authors' reprint. 4to. pp. 34+2. illust. Leipzig.
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1899. Die gefiederten Sängervögel des europäischen Festlandes. 2nd ed. 8vo. pp. 8+192. 3 col. pl. 16 text-figs. Magdeburg.
A carefully prepared work on European song-birds, their domestic care and culture. From the collection of Prof. Cabanis.
- RAVEN, CHARLES EARLE** [1885-].
1916. Vogelleven in duin en veld. 8vo. pp. 171+5. photos. Alkmaar.
A study of bird life among the Dutch sand dunes, etc.
1925. In praise of birds, pictures of bird life. pp. xiv+148. 48 pl. 2 append. London.
1927. The ramblings of a bird lover. 8vo. pp. xvi+186. 30 pl. index. London.
- **RAVN, EDVARD.**
1888. Om Dannelsen af Skilleveggen mellem Bryst- og Bughulen hos Pattedyrfostre; en embryologisk Studie. 8vo. pp. 4+62. illust. Kjøbenhavn.
- RAY, ISAAC** [1807-81].
1829. Conversations on the animal economy, designed for the instruction of youth and the perusal of general readers. 8vo. pp. xi+242. Porlland.
- RAY (OR WRAY), JOHN** [1628-1705].
1670. Catalogus Plantarum Angliae, et Insularum adjacentium, etc. 8vo. [O.] London.
The literary productions of John Ray, who also spells his name Wray, are so bound up with his *fidus Achates*, F. Willughby, that it is difficult to separate them. However, the chief scribe was undoubtedly Ray, most of whose zoological titles will be found in the McGill libraries. The volume on pisces (as well as his other works) has run through many editions, commentaries, and translations. They are properly classed among the fundamentals of a knowledge of British (and general) zoology.
1673. Observations topographical, moral and physiological; made in a journey through part of the Low-countries, Germany, Italy and France, with a Catalogue of Plants not native of England, found spontaneously growing in those Parts, and their virtues. Whereunto is added a brief account of Francis Willughby Esq.; his voyage through a great part of Spain. 8vo. pp. 13+499+115. 4 pl. figs. in text. London.
1674. (A) collection of English words [sic] not generally used, with their significations and original, in two alphabetical catalogues, the one of such as are proper to the northern, the other to the southern counties. With catalogues of English birds and fishes; and an account of the preparing and refining such metals and minerals as are gotten in England. 1st ed. 12mo. pp. 11+150. [O.] London.
The important parts of this work are the early lists of birds and fishes.
1676. Francisci Willughbeii ornithologiae libri tres; totum opus recognovit, digessit, supplevit Joannes Raius. See WILLUGHBY, F.
1678. The ornithology of F. Willughby . . . Translated into English . . . with . . . additions . . . by J. Ray. See WILLUGHBY, F.
1686. F. Willughbeii . . . de Historia Piscium libri quatuor . . . adjecit J. Raius. folio. See WILLUGHBY, F.
→ 1693. Synopsis methodica Animalium Quadrupedum et Serpentinae generis, etc. 8vo. pp. 16+336+8. 1 portr. London.
A curious caption but an important early treatise on mammals and snakes.
1713. J. Raii Synopsis methodica Avium and Piscium; opus posthumum, etc. Ed. by W. Derham. 8vo. pp. 2+198+18+166+12. 4 pl. London.
This classic treatise completes (with the *Synopsis Quadrupedum et Serpentinae*) the author's contributions to vertebrate zoology, a series that should form part of every first-class library on natural history. ++
→ 1718. Philosophical letters between the late learned Mr. Ray and several of his ingenious correspondents, natives and foreigners; to which are added those of Francis Willughby, the whole consisting of many curious discoveries and improvements in the history of quadrupeds, birds, fishes, insects, plants, fossiles, fountains, etc. 8vo. pp. (8)+376+(10). 12 figs. append. index. London.
1738. Travels through the Low-Countries, Germany, Italy and France, with . . . observations, natural . . . physiological, etc. Also a Catalogue of Plants, found spontaneously growing in those parts . . . By . . . J. Ray . . . To which is added, an

[RAY, J. (contd.)]

account of the Travels of F. Willughby Esq., through great part of Spain. (A Collection of curious Travels and Voyages. Containing . . . L. Rauwolf's Journey into the Eastern Countries . . . Translated from the original High Dutch, by N. Staphorst. And also Travels into Greece . . . etc., collected from the observations of Mons. Belon, P. Alpinus . . . and others. To which are added three Catalogues of such Trees, Shrubs, and Herbs, as grow in the Levant. By . . . J. Ray.) The second edition, etc. 2 vols. 8vo. *illustr.*

London.

A reprint of two distinct works: Vol. I, pp. iv+428+120, 3 pls., containing Ray's own travels, appeared in 1673 as *Observations . . . made in a journey through part of the Low-Countries*, etc.; whilst vol. II, pp. (viii)+439+44, the *Collection of curious Travels*, came out in 1693 in two volumes.

1767. L'histoire naturelle, éclaircie dans une de ses parties principales, l'ornithologie, qui traite des oiseaux de terre, de mer et de riviere, tant de nos climats que des pays étrangers. Ouvrage tr. du latin du Synopsis avium de Ray, augm. d'un grand nombre de descriptions & de remarques historiques sur le caractère des oiseaux, leur industrie & leurs ruses. folio. pp. 12+464. 31 col. pl. Paris.

The rare edition with the plates colored. This treatise, on the birds of the world, is a French translation by Salerne of John Ray's *Synopsis methodica Avium et Piscium*, 1713, with considerable additions by the translator. The whole constitutes a work on ornithology of considerable value, furnishing a description of many species of birds, their habits, physical characters, vulgar names, etc.

RAY, MURDOCK and DALL, W. H.

1885. Report of the International Polar Expedition to Point Barrow, Alaska. 21 pl. (2 col., birds). Washington.

RAY SOCIETY (founded 1844). Publications on Zoology.

The vertebrate and other zoological titles published by this extremely useful organization are shelved in the McGill libraries, except—so far 'wanting'—the annotated reprints of *Reports on the Progress of Zoology and Botany*, 1841-2; and *Reports on Zoology* for 1843-4.

REA, PAUL M.

1910. Birds of South Carolina. See WAYNE, A. T.

RÉAUMUR, RENÉ ANTOINE FERCHAULT DE [1683-1757].

1750. The art of hatching and bringing up domestic fowls, by means of artificial heat [tr. from the French by Abraham Trembley]. 8vo. pp. 2+61. London.

The McGill libraries have not only this English translation of an important early work on artificial incubation (mostly experiments with manure heaps and the baker's oven) but a French and a German edition.

1751. Pratique de l'art de faire éclore et d'élever en toute saison des oiseaux domestiques de toutes espèces, soit par le moyen de la chaleur du fumier, soit par le moyen de celle du feu ordinaire. 16mo. pp. xii+144. 4 pl. 2 figs. T. of c. Paris.

1767-8. Anweisung wie man zu jeder Jahreszeit allerley zahmes Geflügel entweder vermittelt der Wärme des Mistes oder des gemeinen Feuers ausbrüten und aufziehen solle; aus dem französischen übersetzt von J. C. Thenn. 2 vols. *illustr.* Augsburg.

REBOUSSIN, ROGER and RAPINE, J.

1928-9. L'oiseau chez lui; livre couleur du temps, avec diagnoses par J. Rapine. Fascicules 1-6. Series I. folio. pp. 48. 6 pl. (col.). 68 figs. Paris. Highly original text and illustrations. Series I is to be completed in ten fascicules.

RECCHUS (RECCHI), NARDUS ANTONIUS.

1651. Rerum medicarum Novae Hispaniae thesaurus . . . ex F. Hernandez (q.v.). folio. Roma.

RECHERCHES ASIATIQUES. See ASIATIC SOCIETY OF BENGAL, CALCUTTA.

RECORD OF ZOOLOGICAL LITERATURE. See ZOOLOGICAL RECORD.

RECORDS OF AMERICAN SOCIETY OF NATURALISTS. 1883-date. See AMERICAN SOCIETY OF NATURALISTS.

RECORDS OF THE AUSTRALIAN MUSEUM, SYDNEY. 1890-date.

RECORDS OF WALKS AND TALKS WITH NATURE. Conducted by C. J. Maynard, West Newton, Mass. Weekly. Irregular.

1908-21. Vols. 1-13. 40 nos. to a vol. 12mo. *illustr.* index to each vol.

These little records are replete with interest and deal almost entirely with bird life.

RECREATIONS IN AGRICULTURE, NATURAL HISTORY, ARTS AND MISCELLANEOUS LITERATURE. 1799-1802.

London.

RECREATIONS IN NATURAL HISTORY; or Popular Sketches of British Quadrupeds, etc., after L. Clennell.

1815. Anonymous. 4to.

RECREATIVE SCIENCE. 1858-61. See also INTELLECTUAL OBSERVER, and STUDENT AND INTELLECTUAL OBSERVER.

London.

RECUEIL DE L'INSTITUT ZOOLOGIQUE TORLEY-ROUSSEAU.

1927. (A. Lameere.) Suite des Annales de biologie lacustre. Tome 1. Bruxelles.

RECUEIL ZOOLOGIQUE SUISSE. Geneva. 1884-92. Continued as Revue Suisse de Zoologie.

REDI, FRANCESCO [1626-98].

1664. Osservazioni intorno alle Vipere, etc. 4to. Also O. 3774. Firenze.

1671. Esperienze intorno a diverse cose naturali, etc. 4to. *illustr.* [O. 3776.] Firenze.

1684. Osservazioni intorno agli Animali viventi che si trovano negli Animali viventi. *illustr.* [O. 3777.] Firenze.

1712-30. Opere. With Redi's biography by Salvino Salvini, funeral speech by Ant. Maria Salvini, several letters and remarks by Giac. Cestoni and Ant. Vallisnieri, etc. With portraits, frontispieces, vignettes, and a great number of engraved plates. 7 vols. 4to. Venice.

The works (including the letters) of this celebrated medical naturalist are best presented in this scarce Venetian edition. The valuable notes by Apostolo Zeno are found in this printing. The author's observations on vipers and his chapters *A cose naturali* are of especial value. The first volume is entirely devoted to natural history.

Ray, John. 1758. Wisdom of God in Works of Creation. In two parts.
12 mo. pp. 316. Glasgow.

-1760. See Berham, William.

Razoumowsky, G. de. ¹⁷⁸⁹ Histoire naturelle du Jorat et de ses
environs, et celle des trois lacs de Nempâtel,
Morat et Bienné; précédée d'un Essai sur le
climat, les animaux etc. de la partie du Pays
de Vaud. 2 Vols. 16 leaves, 322 pp. 2 leaves, 258 pp.
6 pl. Lausanne ~~1789~~

1678. Esperienze intorno alla generazione degli insetti. Firenze. Fine copy.

→ 1834-6. *Regnum animale iconibus exquisitis cum in tabulis Chalycaenis incisio. Mammalia. Icones 1-633. Lipsig.*

1748. Opere . . . nuova edizione. [Including zoological works.] 7 vols. 4to. *illust.* [O. 3772.]
Napoli.

Supposed to be even a more complete edition than the Venice print of 1712.

REDINGTON, PAUL GOODWIN [1878-] and **HIGGINS, ELMER** [1892-].
1930. Wild life. New York.

Based on Van Hise's *Conservation of natural resources in the United States*.

REED, CHARLES K. [1851-] and **REED, CHESTER A.**

1914. Guide to taxidermy. 8vo. pp. 304+(4). 44 pl. 175 figs. *index.*
Worcester, Mass.
An enlarged edition of the original published in 1903.

REED, CHESTER ALBERT [1876-1912].

1903. Color Key to North American Birds. See CHAPMAN, F. M.

1904. North American birds' eggs. 8vo. pp. (10)+356. *front. (col.). 931 figs. and sketches (2 col.). index.*
New York.

1910. Nature study; birds. 12mo. pp. 97+viii. 80 figs. (40 col.). *index.*
Worcester, Mass.

1911. Camera studies of wild birds in their homes. 8vo. pp. 312. 7 pl. (col.). 260 figs. *index.*
Worcester, Mass.

1912. Birds of eastern North America. 8vo. pp. xiv+451. *front. (col.). 408 figs. (col.). 23 figs. index.*
Garden City, N.Y.

1913. Bird guide. Water birds, game birds and birds of prey east of the Rockies. 8vo. pp. 240. *illust.*
Worcester, Mass.

1914. See REED, C. K.

1916. Bird guide; water birds, game birds and birds of prey east of the Rockies. 32mo. pp. 240. 217 figs. (col.). 66 figs. *index.*
Garden City, N.Y.

Another edition of this popular and very useful pocket-sized handbook for the identification of water birds, game birds, and birds of prey east of the Rockies. A colored figure is given of each species, together with a brief description, to which is added also a 'field key' at the commencement of the volume. The first edition was published in 1906.

1920. Western bird guide, birds of the Rockies and west to the Pacific. 32mo. pp. 252. 234 figs. (col.). *index.*
New York.

A work similar to the author's *Bird Guide*, 1923, to which it forms a companion volume.

1923. Western bird guide; birds of the Rockies and west to the Pacific. 32mo. pp. 252. *col. figs.*
Garden City, N.Y.

REES, THOMAS ALFRED WELLESLEY [1872-1917].

1920. The heron of Castle Creek and other sketches of bird life. 8vo. pp. (12)+218. *index.*
London.

REESE, ALBERT MOORE.

1915. The Alligator and its Allies. *col. front.* 28 pl. 68 figs. *in text.*
N.Y.

A scientific treatise written in popular fashion, and with a good bibliography.

REEVE AND COMPANY.

1853-60. Natural History. 23 vols. 8vo. London.

A popular cyclopedia with several volumes devoted to vertebrate zoology.

REGAN, CHARLES TATE.

1879-1915. See GODMAN AND SALVIN, *Biologia Centrali-Americana*.

1914-22. See BR. MUS. (NAT. HIST.), 'Terra Nova'.
[1914]-16. See OGILVIE-GRANT, WM. R., ed.

REGENSBURG. Naturwissenschaftl. Verein.
1849-64. *Abhandlungen.*

1847-87. *Correspondenz-Blatt* [continued as]

1888-1930. *Berichte.*

RÉGUIS, J. F. MARIUS [1850-].

1882. Essai sur l'histoire naturelle des vertébrés de la Provence et des départements circonvoisins. Vertébrés anallantiidiens. (Poissons et batraciens.) 8vo. pp. 425. *text-figs.*
Marseille.

The volume in hand is a presentation copy of an important treatise, with the author's autograph.

REICHENBACH, ANTON BENEDICT [1807-80].

1850. Praktische Naturgeschichte der Vögel, für Gebildete aller Stände. 4to. pp. 740. 89 pl. (col.). 2 *indexes.*
Leipzig.

Practical natural history of birds illustrated with fine, colored steel engravings.

REICHENBACH, HEINRICH GOTTLIEB LUDWIG [1793-1879].

1834-63. Der Naturfreund, oder . . . Naturgeschichte des In- und Auslandes, etc. 4to. (Wanting.)
Dresden and Leipzig.

The numerous faunal (and floral) works of this important and versatile naturalist are mostly rare, as well as confusing to the bibliographer. They are commonly regarded with despair by the cataloguer. The above title was continued as a *Central-Atlas für Zoologische Garten* (1862-3) and is made up of a long array of important monographs, a complete list of which will be found in the *Cat. Br. Mus. (Nat. Hist.)*, p. 1669, to which the student is referred. The complete series is extremely scarce, although parts, more available, are found as separate publications, a number of them in the McGill libraries. The librarian and bibliographer should consult A. B. Mayer's *Index zu L. Reichenbach's Ornithologischen Werke*, in which a more or less successful effort is made to bring order out of the author's literary chaos.

1837-9. Deutschlands Fauna; oder, Praktisch-gemeinnützige Naturgeschichte der Thiere des Inlandes mit naturgetreuen Abbildungen aller Arten. 2 vols. 4to. *illust.*
Leipzig.

CONTENTS. Vol. 1. Säugethiere. 2. Vögel.

1845-62. Vollständigste Naturgeschichte der Vögel des In- und Auslandes. 13 vols. 4to and 8vo. 920 col. pl. and 106 plain pl. *index.*
Dresden.

The E.S.W. Library has also several sections of this treatise published separately with independent titles. See the *Ayer-Zimmer Cat. Field Mus. library*.

1849-53. Avium systema naturale. Das natürliche system der Vögel, mit hundert Tafeln grössentheils Original-abbildungen der bis jetzt entdeckten fast zwölfhundert typischen formen. Vorläufer einer Iconographie der arten der vögel aller Welttheile . . . von L. Reichenbach. *folio and 4to. atlas. 100 pl.*
Dresden and Leipzig.

CONTENTS. Pl. 1-10. Natatores. Die Gattungen der Schwimmvögel. 11-18. Grallatores. Die Gattungen der Sumpfvögel. 19-32. Rasores. Die Gattungen der Hühnervögel. 33-51. Insessores. Investigatores. Die Späher. 52-71. Insessores. Trepidatores. Die Trippler. 72-86. Insessores. Enucleatores. Die Knacker. 87-100. Insessores. Raptatores. Die Raubvögel.

This well-known atlas, with titles both in French and English, has

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[REICHENBACH, H. G. L. (contd.)]

been issued (in parts and otherwise) under various guises as a pictorial collection of the feet, wings, heads, and tails of the various orders of birds.

It is really an introductory part of the author's ambitious *Die vollständigste Naturgeschichte*, published in 1845-62. The text contains a disquisition on avian classification and furnishes a systematic catalogue intended to include all the avian orders, a task only partly completed. The McGill libraries have three copies of the *Avium systema naturale*, each with a different title-page and on different size or quality of paper, but with identical plates.

1850. *Avium systema naturale*. Das natürliche System der Vögel, etc. 8vo. pp. (4). 7 engr. l.-p. (Orders). 100 pl. Dresden.

Another (smaller format on thin paper) printing of this famous work.

1850-63. [Synopsis avium; plates.] [Dresden, 1850-63.] [12] vols.

CONTENTS. Vol. 1. Schwimmvögel. 2. Sumpfvögel. 3. Wasserhühner und Rallen. 4. Taubenvögel. 5. Hühnervögel. 6. Eisevögel. 7. Bienenfresser. 8. Klettervögel. 9. Colibris. 10. Baumläufer. 11. Spechte. 12. Ausländische Singvögel. List of contents supplied from binder's title.

The above 12 volumes of Reichenbach's work, in the E.S.W. Library, are without descriptive text, most of the titles and contents being supplied as above. The collection consists of hundreds of fine hand-colored plates with thousands of figures depicting the birds of the world.

1852. *Icones ad synopsis avium: Meropinae*. Continuatio No. IX. 4to. pp. [4]+45-144. 67 col. pl. (1 inserted). T. of c. Leipzig.
Being Lieferung 9 of his *Deutschlands Fauna; oder, Praktisch-gemeinnützige Naturgeschichte der Thiere des Inlandes*.

These beautifully colored plates of the Bee-eaters have an inserted title-page as above, dated 1837, but the monograph itself bears date March 1, 1852. The separately bound volume in hand is, of course, only one portion of the author's *Handbuch der speciellen Ornithologie*.

1854. *Aufzählung der Colibris, oder Trochilideen, in ihrer wahren natürlichen Verwandtschaft, nebst Schlüssel ihrer Synonymik*. 8vo. pp. 24. Cassel.

Issued as an author's separate from the *Journal f. Ornithologie*, Jahrg. I.

1862-3. *Die vollständigste Naturgeschichte der Tauben und taubenartigen Vögel*. 2 pls. 4to. 75 hand-col. pl. atlas. Leipzig.

1862. *Die Singvögel als Fortsetzung der vollständigsten Naturgeschichte und zugleich als Central-Atlas für zoologisch Gärten und für Thierfreunde*. 8vo. pp. 4+90. 50 col. pl. Dresden.

A volume on exotic song-birds, the illustrations for which were taken from author's earlier works.

n.d. *Die Vögel Deutschlands. Neue vermehrte Ausgabe*. 4to. pp. iv+346+36. 55 pl. (col.). 750 figs. bibliogr. index. Dresden.

[REICHENOW, ANTON [1847-? 1915].

1869-96. Anton Reichenow; ein Verzeichniss seiner bisherigen Arbeiten 1869-96. See SCHALOW, H.

1878-83. *Vogelbilder aus fernen Zonen; Abbildungen und Beschreibungen der Papageien*. folio. Pt. I, pp. (84). index. Pt. II, pp. (2). 18 pl. (col.). Pt. III, 15 pl. (col.). Cassel.

A series of colored plates illustrating the known parrots, accompanied by short descriptions of each and notes on their distribution; contained in three portfolios. The supplement contains descriptions (without figures) of the species discovered after the publication of the other portions of the work. Issued in 11 parts of three plates each.

1880. *Vogelbilder aus fernen Zonen; Abbildungen und Beschreibungen der Papageien*. folio. Pts. I-VI, pp. (36). 18 pl. (col.). Cassel.

A trimmed and bound copy wanting title-page but with cover bearing the date 1880, of parts I-VI of the 1878-83 edition. The 36 pages of text are typewritten lists of the various parrots figured on each of the 18 colored plates.

1882. *Conspectus Psittacorum. Systematische Uebersicht aller bekannten Papageienarten*. pp. 234. folding table. Berlin.

This is an important, separately issued (*Selbstverlag des Verfassers*) and systematic catalogue of the Parrots of the world, with a brief description of species, their synonymy and distribution. It appears to be an amended edition or variant of the author's *Vogelbilder . . . der Papageien*, 1878-83.

1882-4. *Die Vögel der Zoologischen Gärten*. 2 vols. 8vo. Vol. I, pp. xxx+278. 1 fig. Vol. II, pp. xix+456. index. Leipzig.

A descriptive catalogue of 1,500 birds to be found in European zoological gardens.

1889. *Systematisches Verzeichnis der Vögel Deutschlands und des angrenzenden Mittel-Europas*. 8vo. pp. 4+68. Berlin.

A brief, descriptive list of 396 species, with numerous MS. notes and additions to the text made by Prof. Reichenow in his own hand, the present volume being the author's own copy.

1891. *Entwurf von Regeln für die zoologische Nomenclatur, dem II. Intern. Ornith. Congress in Budapest 1891*. folio. pp. 14. Budapest.

1891-1901. See STUHLMANN, F. L.

1893. See also DEUTSCH-OST-AFRIKA.

1894. *Die Vögel Deutsch-Ost-Afrikas*. 4to. pp. 4+250. 108 figs. in text (44 col.). Berlin.

A valuable, systematic descriptive treatise on the birds of German East Africa. The present copy forms part of the Cabanis-Reichenow collection on the E.S.W. Library.

1896. See MÖBIUS, KARL AUGUST.

1900-5. *Die vögel Afrikas*. 3 vols. text. 1 vol. atlas. 4to. indexes. Vol. I, 1900-1, pp. 104+706. Vol. II, 1902-3, pp. 16+752. 5 col. maps. Vol. III, 1904-5, pp. 25+880. 19 col. pl. Vol. IV, Atlas, 1902-5, pp. 50. 30 col. pl. maps. 5 text-figs. Neudamm.

The most complete and most important monograph on the Birds of Africa so far written. It appeared in six parts.

1902. *Die Kennzeichen der Vögel Deutschlands, Schlüssel zum Bestimmen, deutsche und wissenschaftliche Benennungen geographische Verbreitung, Brut- und Zugzeiten der deutschen Vögel*. 8vo. pp. 4+150. 8 pl. Neudamm.

An anatomical and descriptive key to 405 German species.

1905. See SCHILLINGS, CARL GEORG.

1906. See VOELTZKOW, ALFRED.

1909. See BRAUER, AUGUST.

1913. *Die vögel; handbuch der systematischen ornithologie*. 2 vols. in 1. 4to. pp. 8+529. map. 185 text-figs. index. Stuttgart.

The author believes that in spite of the many treatises on systematic ornithology accessible to the student one dealing more particularly with the interrelations of birds is needed; hence this carefully prepared and well-illustrated work.

[REICHLING, HERMANN [1890-].

1915. *Die Flügelfederkennzeichen der nordwest-deutschen Vögel*. 8vo. pp. 99. 7 pl. Bernberg.

An illustrated monograph on the wings of North German birds. Inaugural thesis (Münster) from the Cabanis-Reichenow collection.

Reichenbach, 1886. Studien z. Entwicklungsgeschichte d. Flußkrebses. 19 col. pl. Frankfurt.

Reichenow, A. Systematische Übersicht der Schreitvögel.
Die Vogel fauna des mittel afrikanischen Seegebietes.

→ 1770. Observations physiques et morales sur l'histoire des animaux...
2 v. 288 + 373 p. Amsterdam.

→ Reinhardt, Ichthyologische

→ Reis, J. A. Catalogo sistematico... das aves de Portugal. Porto.

→ Reiser, O. Ergebnisse der ornithologischen.

REID, GEORGE.

1890. Catalogue of the birds in the Provincial museum, N.-W.P. and Oudh. 8vo. pp. 4+357. *Allahabad.*
index.

A record of the purely Indian birds in the Lucknow Museum to the number of 783 species represented by 5,360 specimens. Jerdon's classification is followed. This volume is a presentation copy from the compiler.

REID, PHILIP SAVILE GREY.

1883. The birds of the Bermudas. 8vo. pp. 44. *Hamilton.*

This small brochure first appeared in *The Zoologist*, 1877, and is now 'reprinted by permission, with an Appendix'.

1884. The birds of Bermuda. pp. 118. *Washington.*

A separately issued memoir (*Bull. 25, U.S. Nat. Museum*) giving an excellent account of Bermudan birds. The present copy (from Canon Tristram's library) is especially interesting because of three inserted letters from the author to H. B. Tristram discussing the avifauna of the Island.

1884. See JONES, H. E. E. and GOODE, G. B.

1901-12. Catalogue of the collection of birds' eggs in the British museum. See BRITISH MUSEUM (NATURAL HISTORY).

REIDER, J. E. VON and HAHN, C. W.

1830-5. Fauna Boica . . . Naturgeschichte der Thiere Bayerns. 6 Abtheil. 8vo. *illustr. in col.* *Nürnberg.*

A valuable contribution to the faunal literature of Bavaria, usually bound in four volumes. There were in all ten parts, irregularly issued but giving a full account of all the faunae (including the vertebrates) then known.

REIGHARD, JACOB ELLSWORTH [1861-] and JENNINGS, H. S.

1901. Anatomy of the cat. 2nd ed. 8vo. pp. 20+398. *illustr.* *New York.*

REIMARUS, HERMANN SAMUEL [1694-1765].

1798. Allgemeine Betrachtungen über die Triebe der Thiere . . . aufs Neue durchgesehen, etc. 4th ed. 2 pts. in 1 vol. 8vo. pp. 20+528+104+28. *Hamburg.*

The first edition was published in 1760.

REINHARDT, JOHANNES THEODOR [1816-82].

1870. Bidrag til Kundskab om Fuglefaunaen i Brasiliens Campos. 8vo. pp. 146. *illustr.* *Kjøbenhavn.*

REISER, OTHMAR.

1894-1905. Materialien zu einer Ornithologia Balcanica. 2 vols. 4to. [Vol. I not yet published.] Vol. II, 1894, Birds of Bulgaria. pp. xii+204. 3 col. pl. map. *index.* Vol. III, 1905, Birds of Greece and Montenegro. pp. xiv+589. 4 col. pl. map. 5 figs. *index.* *Sarajevo.*

Well-known monographs, probably the best treatises so far published on the subjects indicated. The first volume was intended to describe the birds of (former) Bosnia and Herzegovina, but it has not yet been issued. The copy in hand was presented by the author to Bowdler Sharpe.

RELIGIOUS TRACT SOCIETY.

1840. British birds. 24mo. pp. vii+216. 24 pl. (col.). *London.*

1842. Birds. 12mo. *London.*

n.d. Birds. 5 vols. in 1. 32mo. *illustr.* *London.*

n.d. A book about Birds. 12mo. pp. 4+68. 6 col. pl. 4 text-figs. *London.*

RENARD, LOUIS.

1754. Poissons Écrevisses et Crabes . . . que l'on trouve autour des isles Moluques, et sur les côtes des Terres Australes. 2 vols. (in 1). folio. pp. xvi. 100 col. pl. *Amsterdam.*

This important treatise was first published in 1718-19, vol. I having been based on original matter furnished by B. Coyett; the second volume on observations by A. Vander Stell. The present edition is really a reissue of the first with a new title-page and a preface by A. Vosmaer. Both printings are quite rare.

RENDICONTI DELLA CLASSE DI SCIENZE FISICHE D. (R.) ACCADEMIA DEI LINCEI, ROMA. 1892-date. See (R.) ACCADEMIA DEI LINCEI, ROMA.

RENGGER, JOHANN RUDOLPH [1795-1832].

1830. Naturgeschichte der Säugethiere von Paraguay. 8vo. pp. 16+394. *Basel.*

RENNIE, JAMES [1787-1867].

1831. (The) architecture of birds. 12mo. pp. xvii+390. 78 figs. *Boston.*

A popular compilation, frequently reprinted and translated.

1832. The natural history and antiquities of Selborne. See WHITE, Rev. GILBERT.

1833. Die Baukunst der Vögel. *Leipzig,*
The first German edition.

1835. The field naturalist; a review of animals, etc. 2 vols. 8vo. Vol. I, pp. viii+552. text-figs. Vol. II, pp. 220. 2 pl. (col.). 37 figs. in text. *London.*

1835. (The) faculties of birds. 12mo. pp. xvi+338. 15 pl. 49 figs. *index.* *London.*

1844. Bird-architecture. 16mo. pp. 304. 50 figs. *London.*

1847. Die Baukunst der Vögel; aus dem Englischen nach der neuesten verbesserten Aufl. von Franz Kottenkamp. 8vo. pp. 289. *illustr.* *Stuttgart.*

n.d. The architecture of birds. pp. xii+384. 78 figs. *London.*

RENNIE, JOHN.

1910. The aims and methods of nature study, a guide for teachers. 12mo. pp. xvi+352. 178 figs. glossary. *index.* *London.*

1912. School lessons in plant and animal life. 12mo. pp. xvi+480. 195 text-figs. glossary. *index.* *London.*

RENSHAW, GRAHAM.

1911. More animal romances. 8vo. pp. (12)+252. 13 pl. *London.*

1925. Pet birds of Bengal. See LAW, S. C.

REPERTORIUM DER NATURWISSENSCHAFTEN. 1875. Berlin.

REPERTORIUM DES NEUESTEN UND WISSENWÜRDIGSTEN AUS DER GESAMMTEN NATURKUNDE. 1811-13. Berlin.

REPERTORIUM DER TECHNISCHEN, MATHEMATISCHEN UND NATURWISSENSCHAFTLICHEN JOURNAL-LITERATUR. 1869-71. Leipzig.

REPERTORIUM DER THIERHEILKUNDE. 1840-93. *Stuttgart.*

REPORT OF THE ADELAIDE SOCIETY FOR THE PROTECTION OF BIRDS.

1908-12. 1-5. Annual. *Adelaide, Australasia.*

The Compiler has not been able to obtain reliable data of this yearly report.

REPORT ON BIRDS IN DENMARK. A roman numeral precedes and the year of the report follows the title. Separates from *Ornis*. See also FUGLENE VED DE DANSKE FYR.

This publication is issued as an independent periodical.

REPORT OF BRUSH HILL BIRD CLUB.

1914. Report No. 1. pp. 123. *illust.*

This is the only number the Compiler has seen.

REPORT OF THE CAGE-BIRD SOCIETY.

See FOREIGN BIRD NOTES.

REPORT OF THE ESSEX CO. (MASS.) ORNITHOLOGICAL CLUB. See BULLETIN OF

ESSEX CO. ORNITH. CLUB.

REPORT ON THE MIGRATION OF BIRDS.

1880-7. Nos. I-IX. 8vo. Annual.

The first Annual Report appeared in *The Zoologist*, May 1880; and the series were mainly penned by such observers as Harvie-Brown, Cordeaux, Barrington More, W. Eagle Clark, and Kermode. The Compiler has not been able to place the final issue.

REPORT ON THE MOVEMENTS AND OCCURRENCE OF BIRDS IN SCOTLAND.

By Lionel W. Hinxman and T. G. Laidlaw.

1892-9. Reprinted from the *Annals of Scottish Nat. History*.

The title of this valuable report sufficiently indicates its scope. Its standing as a genuine periodical is doubtful but it may be regarded as the forerunner of the *Report on Scottish Ornithology*.

REPORT OF THE NATIONAL AUDUBON SOCIETIES. See AUDUBON SOCIETIES, NATIONAL.

REPORT OF THE ORNITHOLOGIST, Dept. of Agriculture [U.S.A.]. By C. Hart Merriam,

Washington, D.C. Printed separately from the Annual Report of the Department, but usually with the paging of the latter.

The following have been examined by the Compiler:

1886. pp. 227-58. *map and separate title-page.*

1887. pp. 4+(399-456). *illust. index.*

These interesting annuals are largely devoted to economic ornithology but are of the greatest value to every student of bird life, containing as they do essays on bird protection and on the balance of life in its relations to agriculture, forestry, etc.

REPORT ON SCOTTISH ORNITHOLOGY

in [year] including Migration. By Evelyn V. Baxter and Leonora J. Rintoul. 1909-20.

Edinburgh and London.

These interesting and, from a scientific viewpoint, most valuable annuals will, it is to be hoped, be continued indefinitely.

REPORTS OF THE ACCLIMATISATION AND ORNITHOLOGICAL SOCIETY OF LONDON.

1861-8. Annual reports, 1st-8th. 8 vols. in 1.

London.

REPORTS OF THE AUSTRALASIAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE. 1888-1930. *Sydney.*

REPORTS OF THE AUSTRALIAN MUSEUM, SYDNEY. 1874-1930.

REPORTS OF THE BELFAST NATURAL HISTORY AND PHILOSOPHICAL SOCIETY. 1871-date. See BELFAST.

REPORTS OF THE CANADIAN ARCTIC EXPEDITION. 1913-18. See CANADA, 1906.

REPORTS OF THE UNITED KINGDOM AND FOREIGN CAGE-BIRD SOCIETY.

Edited by W. Osbaldeston for the Society.

1890-5. (All pub.) Irregular. 12mo. 4 vols. *indexes.*

Preston.

The issues are not numbered, while the parts of the first volume bear irregular dates, and are separately paged; occasionally the pagination is continuous and includes two or more numbers.

This useful little periodical contained in addition to a list of society members, many short, interesting papers on cage-birds, especially by the Editor, by W. T. Greene, and other well-known naturalists.

RETZIUS, ANDERS JOHAN [1742-1821]. 1800.

See LINNAEUS, C.

RETZIUS, MAGNUS GUSTAF [1842-1919].

1881-4. Das Gehörorgan der Wirbelthiere. 2 vols. *illust.*

Stockholm.

Vol. 1. Das Gehörorgan der Fische und Amphibien. 2. Das Gehörorgan der Reptilien, der Vögel und der Säugethiere.

1881-date. Biologische Untersuchungen. 19 vols.

4to. num. pl. Continued as Neue Folge, etc., 1890- .

Stockholm and Leipzig.

Although both series of these truly monumental volumes are mostly taken up with the histology of invertebrates, human craniology, and general studies of the nervous system, there are many chapters devoted to the morphology of vertebrates.

REUTER, ODO MORANNAL [1850-] and MELA, A. J.

1883-93. Finlands fiskar, målade efter naturen af G. Sundman. (The Fishes of Finland drawn and coloured from life.) Häft. 1-12. folio. 40 col.

pl. *Helsingfors.*

Twelve parts of this standard work on the fishes of Finland are all that have appeared to the present date. The published portions are of great importance, especially as the descriptive text is in English (as well as Swedish).

REVISTA (R.) ACADEMIA DE CIENCIAS EXACTAS, FÍSICAS Y NATURALES DE MADRID. 1904-date. See (R.) ACADEMIA DE

CIENCIAS, etc., . . . MADRID.

REVISTA ACADEMIA DE CIENCIAS EXACTAS, FÍSICO-QUÍMICAS Y NATURALES DE ZARAGOZA. 1916-date. See ACADEMIA DE CIENCIAS . . . ZARAGOZA.

REVISTA ARGENTINA DE HISTORIA NATURAL.

Buenos Aires.

1891. Nos. 1-6 (all pub.).

REVISTA DI BIOLOGIA. 1919-date. *Rome.*

REVISTA DI BIOLOGIA GENERALE.

1899-1901. *Turin.*

←

REVISTA CHILENA DE HISTORIA NATURAL. (Museo de Historia Natural.) 1897-date. Valparaiso.

REVISTA DE CIENCIAS NATURALES DE MADRID. 1842. Madrid.

REVISTA CIENTÍFICA. Universidad Central de Venezuela. See CARACAS.

REVISTA ITALIANA DI ORNITOLOGIA. Ed. by E. Arrigoni degli Oddi and others. Quarterly. 1911-20. (All pub.?) 8vo. *illust.* No issue in 1917-18. Bologna.

The *Rivista* not only gave a practical review of general ornithological literature but published many original articles of value. Among its contributors (and editors) were Francesco Chigi, Alessandro Ghigi, F. Cavazza, Giac. Martorelli, Tommaso Salvadori, and G. Vallin.

REVISTA DE MALAGA. (Sociedad de Ciencias, Físicas e Naturales.) 1876?

REVISTA MEXICANA DE BIOLOGÍA. 1920-date. Mexico.

REVISTA DE CIENCIAS NATURALES. 1907-30. See BROTERIA. Lisbon.

REVISTA DE CIENCIAS NATURAES E SOCIAES. Oporto. 1890-8. Continued as Portugalia.

REVISTA DE ZOOTECHNIA E VETERINARIA. 1911-date. Rio de Janeiro.

REVISTA ZOOTÉCNICA. 1909-date. Buenos Aires.

RÉVOIL, GEORGES [1852-1926]. 1882. Faune et Flore des Pays Comalis (Afrique Orientale). 10 pts. in 1 vol. 8vo. *illust.* Paris. This valuable contribution to the flora and fauna of Somaliland includes an account of the birds by E. Oustalet, pp. 14, 1 col. pl., and the reptiles and batrachians, pp. 25, by L. Vaillant.

REVUE D'ANTHROPOLOGIE. Paris. 1872-7. Series 1.

1878-85. Series 2.

1886-9. Series 3.

United with other journals to form Anthropologie.

REVUE AVICOLE. (Société Centrale d'Aviculture de France.) 1890-date. Paris.

REVUE BIOLOGIQUE DU NORD DE LA FRANCE. 1888-95. Lille.

REVUE CRITIQUE DE PALÉOZOLOGIE. Paris. 1897-1924.

REVUE DER FORTSCHRITTE DER NATURWISSENSCH. IN THEORETISCHER U. PRAKTISCHER BEZIEHUNG. 1873-90. Vols. I-XVII. Cologne and Leipzig.

REVUE FRANÇAISE D'ORNITHOLOGIE SCIENTIFIQUE ET PRATIQUE. First Editor, L. Denise; later, A. Ménégaux, Paris. 1909-30. Vols. I-XXII. 8vo. Monthly. The first two volumes are paged continuously. *col. pl.* Orleans.

Although the French ornithological journals do not, as a rule, equal

the principal English, American, and German periodicals in any department of the zoological subject to which they are severally devoted (certainly not at all in illustrative matter) yet this *Revue* is a valuable and efficient vehicle for the publication of contributions affecting the birds of France and her dependencies. Among the ornithologists (other than those of the editorial staff) on the contributors' list are Xavier Raspail, A. Phillipon, F. Daguin, E. Simon, Comte de Zedlitz, A. Hughes *et al.* The *Revue* has from its inception been a firm advocate of the protection of birds.

REVUE D'HISTOIRE NATURELLE APPLIQUÉE. Paris.

1920-date. Mammalogie. Part 1.

1920-date. Ornithologie. Part 2.

REVUE INTERNATIONALE DES SCIENCES BIOLOGIQUES.

1878-83. (de Lanessan.) I-XII (all pub.).

REVUE ET MAGASIN DE ZOOLOGIE PURE ET APPLIQUÉE. Paris.

1838-48. Series 1.

1849-72. Series 2.

1873-9. Series 3.

Formed by union of Magasin de Zoologie and Revue Zoologique.

REVUE DES REVUES D'HISTOIRE NATURELLE. Paris.

1900. Continued as Revue des Revues Scientifiques.

REVUE DES REVUES SCIENTIFIQUES. Paris.

1901. Continues Revue des Revues d'Histoire Naturelle.

REVUE DES SCIENCES NATURELLES. Paris, Montpellier. 1872-85.

REVUE DES SCIENCES NATURELLES. See VĚSTNIK ESTESTVOZNANĚ. St. Petersburg.

REVUE DES SCIENCES NATURELLES APPLIQUÉES. See SOCIÉTÉ NATIONALE D'ACCLIMATATION DE FRANCE; Bulletin.

REVUE DES SCIENCES NATURELLES DE L'OUEST. (Institut International de Bibliographie Scientifique.) 1891-7. Paris.

REVUE SUISSE DE ZOOLOGIE. Geneva. 1893-date. Continues Recueil Zoologique Suisse.

REVUE DE ZOOLOGIE PURE ET APPLIQUÉE. 1871-5. Paris.

REVUE ZOOLOGIQUE. See REVUE ET MAGASIN DE ZOOLOGIE PURE ET APPLIQUÉE. Paris.

REVUE ZOOLOGIQUE AFRICAINE. (Cercle Zoologique Congolais.) 1911-date. Brussels.

REVUE ZOOLOGIQUE RUSSE. 1916-date. See RUSSKĪ ZOOLOGICHESKĪ ZHURNAL.

REVUE DE ZOOTECHNIE. 1921-date. Paris.

REY, JEAN GUILLAUME CHARLES EUGÈNE [1838-]. 1872. Synonymik der Europäischen Brutvögel und Gäste. 8vo. pp. 16+257. *index.* Halle.

Catalogue of 618 avian species, living and extinct, migratory and constant, that are or were found in Europe. Their distribution, synonymy, an extensive bibliography, index of authors and of systematic names are also given. The volume in hand is from the library of Prof. Reichenow.

- [REY, J. G. C. E. (contd.)]
 1888-1905. Die Eier der Vögel Mitteleuropas. 2 vols. Vol. 1, text; vol. 2, plates. 4to. pp. 681. 128 col. pl. Gera-Untermhaus.
 The first edition—quite rare—issued in 30 parts, with most of the plates tinted bluish.
1912. Die eier der vögel Mitteleuropas. 2 vols. 4to. 128 col. pl. index. Gera-Untermhaus.
 The second, cheap, edition of a very important work on the eggs and nests of Middle European birds, the first edition of which was issued in 1889-1905. The two editions (including the beautiful plates) are practically identical.
- n.d. Die Ornithologie von Halle. 8vo. pp. 37. Halle.
 A separately published catalogue, describing the birds seen about the city of Halle.
- REYES Y PROSPER, VENTURA.
 1886. Catálogo de las aves de España, Portugal é Islas Baleares. 8vo. pp. 109. Madrid.
 A brief descriptive list, in Latin and Portuguese, of the avifauna of Spain, Portugal, and the Balearic Islands. Published as a separate volume, this work was first contributed to the *Anal. de la Soc. de Hist. Nat.*, tomo xv, 1886.
- REYGER, GOTTFRIED [1704-88].
 1760. Verbesserte und vollständigere historie der Vögel. See KLEIN, J. T.
- REYNOLDS, SIDNEY HUGH [1867-].
 1897. The Vertebrate Skeleton. 8vo. pp. 16+559. illust. Cambridge.
 A valuable student's textbook, one of the Cambridge Biological Series.
1913. The Vertebrate Skeleton. 8vo. pp. 16+535. Cambridge.
 Second edition.
- RHEA. Zeitschrift für die gesammte Ornithologie. Im Vereine mit Ornithologischen Freunden herausgegeben von Dr. Friedrich August Ludwig Thienemann.
 1846-9. Hefte I-II. (All issued.) 8vo. Leipzig.
 1846. Erstes Heft. pp. 128. col. front.
 1849. Zweites Heft. pp. 230. col. front.
 This short-lived periodical contains a number of valuable papers by several early German naturalists—Naumann, Baldamus et al.
- RHINEBECK BIRD CLUB.
 1918-23. Year Book and Supplementary Notes.
- RHOADS, SAMUEL NICHOLSON [1862-].
 1894. A reprint of the North American zoology. See ORD, GEORGE.
 1919. The passenger pigeon in Pennsylvania. See FRENCH, J. C.
- RHODE ISLAND. Commissioners of inland fisheries.
 1900-29. Annual reports. 10 vols. 8vo. pl. maps. Providence, R.I.
- RHODE ISLAND. Commissioners of Birds.
 [1919]. Bird and game laws of Rhode Island revised to June 1, 1919. 16mo. pp. 38. Providence, R.I.
 The general and public laws of Rhode Island, with the open season under both Federal and State laws.
- RHYS, ERNEST [1859-].
 1929. Mainly horses, edited by Ernest Rhys and C. A. Dawson-Scott. New York.
- RIBOISIÈRE, J. DE LA.
 1910. Recherches organométriques en fonction du régime alimentaire sur les oiseaux. 8vo. pp. 2+194. figs. in text. index. Paris.
 A philosophical and experimental treatise on the effects of various diets on body weight, etc., of birds and other animals. A presentation copy from the author.
- RICE, ELMER COOK.
 1909. The national standard squab book . . . management of a successful squab plant. New ed. 8vo. pp. 11+303. 108 figs. 6 append. Boston.
- RICE, WILLIAM.
 1884. Indian game; (from quail to tiger). 4to. pp. iv+221. 13 pl. (col.). 2 figs. append. London.
 The usual story of animal slaughter by a 'sportsman', with lists of 'game' animals in the Bombay Presidency. Nothing new.
- RICH, WALTER HERBERT [1866-].
 1907. Feathered game of the Northeast. 8vo. pp. xvi+432. 85 pl. index. New York.
 An American 'sportsman's' manual describing the most effective and modern methods of slaughtering birds.
1908. Feathered game of New England. 8vo. pp. xvi+432. 85 pl. index. London.
 One of that numerous class of books in which the letterpress and illustrations are identical with a former issue, the sole difference being in the title.
- RICHARDSON, E. W.
 1916. A veteran naturalist; being the life and work of W. B. Tegetmeier. 8vo. pp. xxiv+232. front. (portr.). 19 pl. 25 figs. 2 append. index. London.
- RICHARDSON, JOHN [1787-1865].
 1828. See FRANKLIN, JOHN.
 1828. See PARRY, W. E.
- **** and SWAINSON, WILLIAM.
 1829-37. Fauna boreali-americana; or The zoology of the northern parts of British America. 4 vols. 4to. 110 pl. (72 col.). London.
 This important land voyage of Sir John Franklin is described so far as concerns the quadrupeds, 1829, pp. 46+300. 28 pl., seen and collected by J. Richardson; birds, 1831, pp. 63+524. 49 col. pl., by W. Swainson and J. Richardson; and fish and mollusca, 1836, pp. 15+327. 33 pl., by Richardson and J. de C. Sowerby. The monograph on birds exists, also, with uncolored plates, such a copy being in the E.S.W. Library. Dr. Chas. Richmond's copy (with uncolored plates), now in the same library, differs from the usual issue in having as a subtitle, in advance of the regular title-page, the words | Fauna | Boreali-Americana. | Part Second, | containing The Birds.
1831. American ornithology. See WILSON, A. and BONAPARTE, C. L.
 1835. See ROSS, Sir JAMES C.
- **** and others.
 1839. The zoology of Captain Beechey's voyage . . . during a voyage to the Pacific and Behring's Straits in His Majesty's ship Blossom. 4to. pp. xii+180. 44 pl. (col.). 3 maps. London.
 The ornithology of this voyage was written by N. A. Vigors, pp. 15-40, with 12 colored plates.
1843. See DIEFFENBACH, ERNST.
- **** and GRAY, JOHN EDWARD.
 1844-75. (The) zoology of the voyage of H.M.S. Erebus and Terror, during the years 1839-43. 2 vols. 4to. many col. pl. London.
 The mammals and reptiles were described by J. E. Gray and A. Günther; the fishes by J. Richardson, and the birds of New Zealand by Gray and R. B. Sharpe. Gray's original paper was published

← Richardson, Sir B.W. 1896. Biological experimentation: its functions and limits. 8vo.
1931. pp. 170

← Richardson, E.H., Forty years with dogs. 8vo. pp. 288. Fimo. London.

← Reysingh, J.H. 1515. Idaea loimodes. Frankfurt.

[RIDGWAY, R. (contd.)]

1878. Studies of the American Herodiones. Pt. I. Synopsis of the American genera of ardeidae and ciconiidae. Author's edition, extracted from the *Bulletin of the Survey*, vol. iv, no. 1. 8vo. pp. 33. 1 fig. Washington.

1881. Nomenclature of North American birds chiefly contained in the United States National museum. Author's reprint. 8vo. pp. 94. index. Washington.

The present catalogue is said by the author to be 'a revised edition, very materially modified, however', of his former catalogue, published in 1880, on pp. 163-246 of *Proc. U.S.A. Nat. Mus.*, but not issued separately. The present copy is from the Godman Library and is a presentation (autographed) from the author to F. Du Cane Godman. A second copy in the E.S.W. Library is from the P. L. Sclater Library, also an autographed present.

1883. Catalogue of the aquatic and fish-eating birds exhibited by the United States National Museum. Author's reprint. 8vo. pp. 46. Washington.

1884. The water birds of North America. See BAIRD, S. F., BREWER, T. M., and RIDGWAY, R.

1886. A Nomenclature of Colors for naturalists, etc. pp. 129. 17 col. pl. Boston.

This is the earlier of the two color-index schemes invented by this noted naturalist for the exact description of plumage, fur, and other animal parts. The enlarged schema is now used for reference purposes in every well-equipped laboratory and museum and has done at least something towards a universal color index that both the scientific and commercial world so badly needs and so decidedly lacks.

1886. The code of nomenclature and check-list of North American birds. See AMERICAN ORNITHOLOGISTS' UNION.

1887. A manual of North American birds. 8vo. pp. 4+631. 124 pl. append. index. Philadelphia. A complete account of the birds of North America reduced to the smallest compass possible. A second, enlarged edition appeared in 1896, and a fourth in 1915.

**** and FORBES, STEPHEN A.

1889-[95]. Natural history survey of Illinois. Pt. I. The Ornithology of Illinois. Descriptive catalogue by Robert Ridgway. Pt. II. Economic Ornithology by S. A. Forbes. 2 vols. 8vo. Vol. I, pp. viii+520. front. (col. by Ridgway). 32 pl. bibliogr. index. Vol. II (wanting in this set).

Springfield, Ill.

Vol. II, pt. II, on economic ornithology by S. A. Forbes was not published. The present set contains vol. I only, which is from the Godman Library, and has the (rare) colored plate of the Meadow-lark by R. Ridgway, as well as being an autographed presentation copy to F. Du Cane Godman from the author.

1891. Directions for collecting birds. (Part A of *Bulletin of the United States National Museum*, no. 39.) Author's reprint. 8vo. pp. 27. 9 figs. T. of c. Washington.

1896. A manual of North American birds. 2nd ed. 8vo. pp. xiii+653. 124 pl. append. index. Philadelphia.

1901-19. The birds of North and Middle America; a descriptive catalogue of the families, genera, species and subspecies of birds known to occur in North America, from the Arctic lands to the Isthmus of Panama, the West Indies and other islands of the Caribbean Sea, and the Galapagos Archipelago. Vols. I-VIII. 4to. Washington.

The most noteworthy of all the systematic works on North and Middle American ornithology, and by far the most complete treatise

in the literature of the subject. It was unfinished at the author's death. Each volume is provided with an index of all previous volumes.

Vol. I, 1901, pp. xxx+715. 20 pl.
Vol. II, 1902, pp. xx+834. 22 pl.
Vol. III, 1904, pp. xx+801. 19 pl.
Vol. IV, 1907, pp. xxxii+973. 34 pl.
Vol. V, 1911, pp. xxxiii+859. 33 pl.
Vol. VI, 1914, pp. xx+882. 36 pl.
Vol. VII, 1916, pp. xiii+543. 24 pl.
Vol. VIII, 1919, pp. xvi+552. 34 pl.

As a lesson for the research student of the future in patient industry and as an exhibition of unusual knowledge of the subject the original manuscript of the first four volumes of this famous work is preserved as one of the treasures of the E.S.W. Library of Ornithology, a joint presentation from the learned author and the Smithsonian Institution. The McGill Library is also indebted to Dr. Chas. W. Richmond for his courtesy in assembling and re-arranging the MS. for the binder.

1909. See KNOWLTON and RIDGWAY.

1912. Color standards and color nomenclature. 2nd ed. 8vo. pp. 8+44. 53 col. pl. Washington.

A well-known and indispensable color scheme for ornithologists. This second edition is in all respects a better and more extended work than the first issue.

**** and FORBES, STEPHEN A.

1913. The ornithology of Illinois. 2 vols. 8vo. Vol. I, pp. viii+520. 32 pl. bibliogr. index. Vol. II, pp. (4)+282. 33 pl. index.

Bloomington, Ill.

A reprint of the first edition (with vol. II completed) issued in 1889-95. It differs in the wording of the title-pages, and in having no colored portrait of the Meadow-lark.

[1915]. A manual of North American birds. 4th ed. 8vo. pp. xiii+653. 124 pl. append. index. Philadelphia.

**** and WOOD, CASEY A.

1922. The story of 'Bird Haven' [Sanctuary] as told by Robert Ridgway with a few comments by Casey Wood. 4to. 33 ff. portr. pl. photo. Coronado, Calif.

A collection of printed, typewritten, and MS. letters in connection with the above, the whole contained in a portfolio. The article on Bird Haven is reprinted from the *Olney Daily Mail*, August 23, 1920, with a print and photograph attached.

1923. Bird Haven, Olney, Illinois. Typescript. folio. pp. (46)+(2).

A typewritten manuscript given to the Compiler by the author. It is an account of Bird Haven, a wildwood sanctuary of about 18 acres, established by Robt. Ridgway as a preserve for native trees, shrubs, and other plants of Illinois, as well as a safe refuge for native birds.

(THE) RIDGWAY ORNITHOLOGICAL CLUB OF CHICAGO.

1883-7. Bulletin, nos. 1-2. 2 vols. 8vo. Chicago. Several important items appeared in this short-lived periodical.

RIEDEL, G. F. and KIRSCHNER, F.

[1750]-86. Tabulae regni animalis, omnes VI classes, etc. 4to. 85 pl. 1,288 figs. Augsburg.

RIESENTHAL, OSKAR VON [1831-98].

1876. Die Raubvögel Deutschlands und des angrenzenden Mitteleuropas. 2 vols. 8vo. pp. xxi+522. 6 pl. T. of c. atlas. 60 col. pl. Cassel.

A subscription work issued in parts, describing middle European birds of prey, how to hunt them and how to use them in hunting other birds (falconry). The atlas of rather fine chromolithographs depicts on 60 plates most of the species systematically described in the text. The nomenclature has, however, been criticized as not up to date. The E.S.W. Library has two issues, both of text, and three atlases, one copy of the latter in the undated, original wrappers.

1876. Die Raubvögel Deutschlands und des angrenzenden Mitteleuropas. 2 vols. 8vo. pp. [15]+xxi+522. atlas. folio. 60 pl. mounted. Cassel.

This is the printing with the introductory list of subscribers and the dedication to the King of Prussia. It is otherwise identical with the usual text. The Atlas in this issue has the plates mounted on large-sized cardboard, with a special title-page. The impressions (chromolithographs) are clearer than in the smaller edition.

also next page

CATALOGUE OF TITLES IN SWISS UNIVERSITY LIBRARY

Published under the direction of the University Library, Zurich, Switzerland.

First Edition, 1911. Second Edition, 1928.

Editorial Committee:

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→ Robert. 1883. Gefiederte Freunde u. Atlas. 60 col. pls. Leipzig.

→ Robert, L.P. Les oiseaux chez nous. 1^{re} portfeuille. Neuchâtel, Switzerland.

→ 1931. Beasts and Birds as Farm Pests. 8vo. pp. xii, 270, 87 illus. in text.

1889. Die Kennzeichen unserer Raubvögel nebst kurzer Anleitung zu Jagd und Fang und einem Anhang, die rebenartigen Vögel und Würger enthaltend. 4th ed. 4to. pp. 6+68. 1 col. pl. 22 text-figs. T. of c. Berlin.

A short but excellent account of Middle European birds of prey as part of the author's larger work, and an abbreviated manual of his *Raubvögel Deutschlands*. The four editions are practically identical, the first one having appeared in 1884.

RIGA. Zoologijas Instituta. 1921—date. Darbi.

RIJKSMUSEUM VAN NATURLIJKE HISTORIE. See SCHLEGEL, H., 1862—1908.

RILEY, JOSEPH HARVEY [1873—]. 1905. Birds of the Bahama Islands. (The Geographical Society of Baltimore.) pp. 347—68. Baltimore.

1930. Birds from the small islands off the North-east Coast of Dutch Borneo. (Author's reprint. *Proc. U.S. Nat. Mus.*, vol. 77.) 8vo. pp. 23. map. Washington.

A very interesting review of 42 forms by an authority on the avifauna of Borneo.

RINGIUS, GUSTAF ERLAND.

1874. Jemförande framställning af benbyggnaden hos Fulica, Grus, Ciconia och Ardea. (Upsala University thesis.) 8vo. pp. 6+74. Upsala.

RINTOUL, LEONORA J. and BAXTER, E. V.

1928. The geographical distribution and status of birds in Scotland. See BAXTER, E. V. and RINTOUL, L. J.

RIO DE JANEIRO. See MUSEU NACIONAL DE RIO DE JANEIRO.

RIUCOUR, Comte DE. See ANONYMOUS, 1829. Catalogue des Oiseaux, etc.

RISTORI, G. See FLORENCE. Reale Istituto, 1877.

RISVEGLIO ZOOTECNICO. 1889—91? Reggio-Emilia.

RITCHIE, ARTHUR DAVID [1891—]. 1928. The comparative physiology of muscular tissue. 8vo. pp. 12+111. Cambridge.

RITCHIE, JAMES [1882—].

1920. The influence of man on animal life in Scotland; a study in faunal evolution. 8vo. pp. xvi+550. 90 figs. 8 maps. index. Cambridge.

RITCHIE, JOHN W.

1920. Zoology: New World Science Series. See COCKERELL, THEODORE D. A.

RITGEN, F. A.

1826. Versuch einer natürlichen Eintheilung der Vögel. 4to. pp. 25.

An original series of suggestions for a systematic, Latinized classification of birds based chiefly on their osteology and other anatomical details. Tract from the library of Prof. Cabanis.

RIVES, WILLIAM C.

1890. A catalogue of the birds [305 species] of the Virginias. 8vo. pp. 100. 1 map (col.). index. Newport, R. I.

RIVIERA SCIENTIFIQUE. (Association des Naturalistes de Nice et des Alpes-Maritimes, Nice.) 1914—date. Nice.

RIVIERE, B. B.

1930. A History of the Birds of Norfolk. 16 photo. pl. 1 map. London.

A supplement to Stevenson's treatise, with a good account of the shore-birds and marsh-birds.

RIVISTA ITALIANA DI ORNITOLOGIA.

1911—date. (See REVISTA, etc., p. 535).

RIVISTA ITALIANA DI PALEONTOLOGIA. 1895—date. Bologna.

RIVISTA DI ZOOTECNIA. 1924—date. Portici.

RIVOLI, Duc DE. See MASSÉNA, A.

ROBB, WALLACE HAVELOCK.

[1927]. The quill and the candle; poems of bird-land in Canada. 8vo. pp. [10]+54. front. 7 pl. T. of c. Toronto.

An attractive little book. Of the illustrations the first three are from photographs by the author, the remaining five from photographs of the original water-colors in the Wallace Havelock Robb Collection of paintings of Canadian Birds by Major Allan Brooks, now in the Royal Ontario Museum of Zoology.

ROBBINS, REGINALD C.

[1901]. Bird-killing as a method in ornithology. 8vo. pp. 16. Cambridge, Mass.

In this essay the author gives his reasons for the extreme position he has taken as regard the killing of birds for scientific purposes, a position which he admits is not likely to meet with the sympathy of ornithologists in general.

ROBELS, CARL.

1881. Ein Beitrag zur Charakteristik der Huxley'schen Raubvögel-Familien. 8vo. pp. 28+2. Bonn.

A fairly full discussion, with the comparative osteology, of Huxley's division of birds of prey. A Bonn University inaugural thesis.

ROBERT, LÉO PAUL and RAMBERT, E.

1878. Les oiseaux dans la nature, &c. See RAMBERT, E. and ROBERT, L. P.

**** and **HARTING, J. E.**

1880. Glimpses of bird life portrayed with pen and pencil, &c. See HARTING, J. E. and ROBERT, L. P.

ROBERT, LOUIS EUGÈNE [1806—].

1838—51. Voyage en Islande . . . sur la Recherche. See GAIMARD, JOSEPH PAUL.

ROBERT, NICOLAS [1610—84].

1676. Receuil d'Oyseaux les plus rares tirez de la Menagerie Royale du Parc de Versailles. folio. 23 pl. Paris.

This rare little bird atlas of copper-plate engravings is generally found in two small volumes; in the present instance the two parts (first printing and *suite*, both dated 1676) are bound together. The present copy is from the library of the Earl of Jersey, Osterley Park.

ROBERTS, A. J. R.

1903. The [British] bird book. 12mo. pp. 13+136. 24 pl. index. London.

ROBERTS, CHARLES GEORGE DOUGLAS [1860—].

1924. They who walk in the wilds. 8vo. pp. 212. New York.

Legends and stories of animal life.

- ROBERTS, HOWARD ARMSTRONG** [1885-].
1918. Commercial poultry raising. 8vo. pp. xix+582. 341 figs. index. Philadelphia.
- ROBERTS, THOMAS SADLER** [1858-].
1919. Review of the Ornithology of Minnesota. 12mo. pp. 10. illust. index. Minneapolis.
- ROBERTS, W. J.**
n.d. Zoo folk interviewed. 8vo. pp. viii+215. 26 pl. index. London.
- ROBIEN, PAUL.**
1920. Die Vogelwelt des Bezirks Stettin. 8vo. pp. 112. index. Stettin.
- ROBINEAU-DESVOIDY, ANDRÉ JEAN BAPTISTE** [1799-1857].
1828. Recherches sur l'organisation vertébrale des crustacés, des arachnides et des insectes. 8vo. pp. 78+228. pl. Paris.
Autographed letter of author inserted.
- ROBINSON, EDWARD KAY** [1857-] and **FINN, F.**
[1922-3]. Birds of our country. See FINN, F. and ROBINSON, E. K.
n.d. To know British birds at sight. 18mo. pp. 128. text-figs. index. London.
- ROBINSON, HERBERT C.** [? 1867-1929].
1903. See ANNANDALE, T. N.
1927. The birds of the Malay Peninsula; a general account of the birds inhabiting the region from the Isthmus of Kra to Singapore with the adjacent islands. Vol. I. The commoner birds. (Federated Malay States Government.) 8vo. pp. 50+329. front. (map). 25 pl. (col.). bibliogr. index. London.
The present volume forms the first of five, intended to cover the 700 species of birds within the limits of the Malay Peninsula. No one was better qualified to write on the subject than the author with his 20 years' experience of Malaya as Director of the Federated Malay States Museum. The order of the birds is that of Sharpe's hand-list with scientific, Malayan, and English names, concise descriptions, and accounts of the ranges both within and without the Peninsula, as well as excellent notes on nomenclature and general habits, etc. The fine colored plates are by Grönvold and they add greatly to the value of the work.
- ROBINSON, JOHN HENRY** [1863-].
[1913]. Our domestic birds; elementary lessons in aviculture. 8vo. pp. x+317. 236 figs. index. Boston.
- ROBINSON, L.**
1898. Wild Traits in Tame Animals: Familiar Studies in Evolution. 8vo. London.
- ROBINSON, PHILIP STEWART** [1847-1902].
1883. The poet's birds. 8vo. pp. x+490. T. of c. London.
1894. Birds of the wave and woodland. 8vo. pp. 224. 17 pl. 27 text-figs. index. London.
- ROBINSON, WIRT.**
1895. A Flying Trip to the Tropics. Record of an ornithological visit to the United States of Colombia, West Indies, etc. 8vo. pp. 10+194. 4 col. pl. 1 col. map. text-figs. Cambridge, Mass.
- ROBSON, J. (?)**
1776. Some memoirs of the life and works of George Edwards . . . [intended to serve as a supplement to George Edwards' *Natural History*]. 4to. pp. 38. London.
- ROBSON, JOHN.**
1910. Canaries, hybrids and British birds in cage and aviary. 4to. pp. x+424. 18 pl. (col.). 209 figs. index. London.
- ROBSON, THOMAS** [1864-].
1896. Birds [137 species] of the Derwent Valley. 8vo. pp. 64. 13 figs. index. Consett.
- ROCHFORT, CÉSAR DE.**
1716. Histoire naturelle et morale des îles Antilles de l'Amérique; avec un vocabulaire Caraïbe. 2nd ed. 8vo. pp. 34+583. Amsterdam.
The first edition of this popular work was published anonymously in 1658. The copy in hand was probably one of a third or fourth reprinting instead of the second. The *dernière édition*, a quarto with contents identical with those of the present volume, was issued from Rotterdam in 1681.
- ROCHESTER ACADEMY OF SCIENCE.** Rochester, N. Y.
1886? Bulletin.
1889-date. Proceedings.
- ROCHESTER NATURALIST.** (Rochester Naturalists' Club.) 1883-date. Rochester, England.
- RODD, EDWARD HEARLE** [1810-80].
1880. The birds of Cornwall and the Scilly islands; edited with an appendix and memoir by J. E. Harting. 8vo. pp. lvi+320. front. (portr.). map. append. index. London.
- RODRIGUEZ, ZOOLOGY OF.** See ROYAL SOCIETY OF LONDON, 1879.
- RODWAY, JAMES** [1848-1925].
1894. In the Guiana forest; studies of nature in relation to the struggle for life. With introduction by Grant Allen. 3rd ed. 8vo. pp. xxiii+242. 16 pl. T. of c. London.
A faithful picture of the tropical forest, as well as of the beasts, birds, reptiles, and insects that haunt it in their fight for existence. Presentation copy to Dr. Casey Wood with the author's autograph.
- ROEBUCK, WILLIAM DENISON and CLARKE, W. E.**
1881. A handbook of the vertebrate fauna of Yorkshire. See CLARKE, W. E. and ROEBUCK, W. D.
- ROEMER, AUGUST** [d. 1899].
1863. Verzeichniss der im Herzogthum Nassau insbesondere in der Umgegend von Wiesbaden vorkommenden Säugethiere und Vögel. 8vo. pp. 76. 2 tab. Wiesbaden.
- ROEMER, FERDINAND** [1818-91].
1876. Lethaea palaeozoica; oder, Beschreibung und Abbildung der für die einzelnen Abtheilungen der palaeozoischen Formation bezeichnendsten Versteinerungen. 2 vols. text and atlas. 4to. Stuttgart.
- ROEMER, FRITZ** [1866-1909] and **SCHAUDINN, F. R.**
1900-10. Fauna Arctica, etc. 5 vols. 4to. Jena.
This very important report of the German Expedition to Spitzbergen (and other polar areas) in 1898 filled five large volumes to 1910 and was then unfinished. The publication thus far was mostly concerned with invertebrates, but in vol. II E. Ehrenbaum gives an account of arctic fishes; and H. Schalow (in vol. IV) a description of the birds. A memorial of the deceased editors is printed in vol. V by A. Brauer. Fritz Richard Schaudinn's life dates are 1871-1906. Both men were noted naturalists who were cut off all too early.

-> Roberts, Mary. 1839. Sketches of the animal & Vegetable Productions of America.
xvi + 285 pp. 33 figs. in text. h and m.

← Roberts, T.S. 1932. Birds of Minnesota. 2v. 4to. col. pls., Minneapolis.

← Roche, G. 1890. Et. anatomique des reservoirs aeriens d'origine pulmonaire chez
les oiseaux. 120 p., 4 pl.

Rocheport, J. Charles de Rocheport. Trans. from the French by H. Dallaart.

1672. Natuurlyke en Bedelyke Historie van d' Eyelanden de voor-Eyelanden

van Amerika -- met eenen Caraïbaanschen Woorden-schat. 8vo. pp. 475 + Index.

Illust. Rotterdam. This ~~max~~ is undoubtedly the same work, as opposite, with its Carib glossary ^{from César Ochele} ~~by~~ Ochele

→ Roewer, 1910-12. Revis. d. Opiliones Plagiostethi. 10 pl. Hamburg.
1916. 52 neue Opilionesiden. 47 figs.

Roma. ~~Ernesto~~ Ernesto ^{n.d.} Gli uccelli italiani nel loro costume
etc. paper. 8vo. Illustr. 1/2. 183 + index.
Catania. ~~nd.~~ 77

→ 1884. Scientific papers and addresses, ed by Wm. Turner, with biog.
sketch by E. B. Taylor. 2v. port., pls., illus.

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ROEMER, JOHANN JACOB [1763-1819].

1797. Anleitung alle Arten natürlicher Körper, als: Säugethiere, Vögel, Amphibien, Fische. 4to. 8vo. pp. 6+255. 3 pl. Zürich.

A German translation of the very rare *editio princeps* of Edward Donovan's *Instructions for Collecting and Preserving various subjects of Natural History*, London, 1794. Both the original and the present German edition are not listed in the *Cat. Br. Mus. (Nat. Hist.)*.

ROEMER, K.

1905. Die landwirtschaftliche Geflügelhaltung. 3te Aufl. neubearbeitet von August Fehsenmeier und Hermann Doll. 3rd ed. 8vo. pp. 6+106. 10 pl. Berlin.

ROEPER, OSCAR.

1895. Das elastische Ruder. Ein Beitrag zur Theorie des Vogelflugs. 4to. pp. 38. 17 text-figs. Hamburg.

A study of the mechanics of bird flight accompanied by explanatory diagrams. The copy in hand was presented by the author to Prof. Reichenow and is from the library of the latter.

ROESEL VON ROSENHOF, AUGUST JOHANN [1705-59].

1758. Historia naturalis Ranarum nostratium, etc. folio. pp. 8+6+115. 24 col. pl. and engr. title. Nürnberg.

The present volume is one of the classics of amphibiology. The illustrations are of the finest and the whole work is admirably done. The title and text appear both in Latin and German and there is a preface by A. von Haller—altogether a very valuable, early contribution to the literature of the batrachia.

ROGET, PETER MARK [1779-1869].

1834. Animal and vegetable physiology, considered with reference to natural theology. 2 vols. 8vo. (Bridgewater Treatises.) London.

ROHWEDER, J.

1875. Die Vögel Schleswig-Holsteins. und ihre Verbreitung in der Provinz nebst einer graphischen Darstellung ihrer Brutverhältnisse. 4to. pp. 24. Husum.

1902. Unsere Schnepfen. 4to. pp. 2+63. Gera-Untermhaus.

ROLLAND, EUGÈNE [1846-1909].

1877-83. Faune populaire de la France. Noms vulgaires, Dictons, Proverbes, Contes et Superstitions. 6 vols. 8vo. Paris.

ROLLESTON, GEORGE [1829-81].

1870. Forms of animal life; being outlines of zoological classification based upon anatomical investigation. 8vo. pp. 168+268. 12 pl. index. Oxford.

****** and JACKSON, W. HATCHETT.**

1888. Forms of animal life; a manual of comparative anatomy with descriptions of selected types. 2nd ed. 8vo. pp. 32+937. 14 pl. index. Oxford.

ROMANES, GEORGE JOHN [1848-94].

1883. Animal Intelligence. 3rd ed. 8vo. pp. 14+520. text-figs. London and New York.

The first edition of this well-known work appeared in 1879; the second formed vol. XXI of the International Scientific Series.

1892-5. Darwin, and after Darwin, an exposition of the Darwinian theory and a discussion of post-Darwinian questions. 3 vols. 8vo. illust. London. An American two-volume edition, 1892-5, was also published in Chicago.

ROME. Istituto Zoologico.

1923-date. Bollettino.

ROMMEL, PETRUS.

1680. De foetibus leporinis extra uterum repertis. Ulm.

RONDELETIUS, GULIELMUS [1507-66].

1554-5. G. R. . . . Libri de Piscibus Marinis, etc. 2 vols. folio. illust. Lugduni.

The life and works of this famous grandfather of modern ichthyology have been considered in this *Introduction*. The literature, produced alone and in conjunction with others, based on his faunal treatises, is abundant; much of it will be found in this *Catalogue*.

1558. L'Histoire entière des Poissons. folio. 300 engr. figs. A French translation (probably of ~~Roussuet's edition~~), published at Lyons.

1558. See BOUSSUETUS, FRANCISCUS.

ROOD, E. IRENE.

1896. Papers presented to the World's congress on ornithology. Edited by Mrs. E. Irene Rood, Chairman Woman's Committee of the Congress under the direction of Dr. Elliott Coues, President of the Congress. pp. 208. T. of c. Chicago.

The division of ornithology of the Woman's Branch, World's Congress Auxiliary, Columbian Exposition, 1893, Chicago, was attended by numerous American and foreign visitors, many of whom presented papers, reprinted in this volume.

ROOIJ, NELLY DE.

1915-17. The Reptiles of the Indo-Australian Archipelago. I. Lacertilia, Chelonia, Emydosauria. II. Ophidia. 2 vols. 8vo. pp. 14+384+pp. 14+334. Leiden.

ROOSEVELT, KERMIT. See ROOSEVELT, THEODORE (2nd) and ROOSEVELT, KERMIT, 1929.**ROOSEVELT, ROBERT BARNWELL** [1829-1906].

1866. Florida and the Game Water Birds, etc. 8vo. illust. New York.

The first edition; several reprints have since appeared.

1884. Florida and the game water-birds of the Atlantic coast and the lakes of the United States. 8vo. pp. 443. 11 pl. 5 figs. append. New York.

1884. Game Fish of the Northern States. 8vo. illust. New York.

ROOSEVELT, THEODORE [1858-1919].

1886. Hunting Trips of a Ranchman. Sketches of Sport on the Northern Cattle Plains. 8vo. pp. 16+347. 26 pl. London.

One of this sportsman-naturalist's early books in which many North American animals are depicted.

1893. The Wilderness Hunter. Account of the Big Game of the United States and its chase. 8vo. pp. 16+472. illust. index. New York.

A well-written, popular work on the subject, furnishing much original information about many North American mammals. The present volume is from the library of J. G. Millais.

****** and others.**

1902. The Deer Family. 8vo. pp. 12+334. 20 pl. 5 maps. London and New York.

One volume of the American Sportsman's Library with, in addition to an essay by Ex-President Roosevelt on the Deer and Antelope of North America, one on the Deer and Elk of the Pacific Coast, by T. S. Van Dyke; on the Caribou, by D. G. Elliot; and on the Moose, by A. J. Stone.

1905. Outdoor Pastimes of an American Hunter. 8vo. pp. 12+369. illust. London.

One of several books on hunting by this noted naturalist.

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[ROOSEVELT, T. (contd.)]

1905. Wild wings. See JOB, H. K.

1911. Revealing and Concealing Coloration in Birds and Mammals. *8vo.* pp. 119-231. *append.* New York.

Author's reprint. A contribution to the controversial literature of this much discussed subject.

1916. A book-lover's holidays in the open. *8vo.* pp. 10+373. 2 col. pl. 1 fig. 2 *append.* New York.

1919. Letters to his children; edited by J. B. Bishop. New York.

**** and **MINOT, H. D.**1925. The summer birds of the Adirondacks in Franklin County, N.Y. . . . and some of the birds of Oyster Bay, Long Island. *8vo.* pp. (6)+4+(4). *portr.* New York.

A privately printed facsimile of the rare 1877 edition—a catalogue of 97 species based upon observations made by the authors in August 1874 and 1875, and June 22 to July 9, 1877. The Oyster Bay record is of 17 species. The present copy is No. 69 of a limited edition of 200 copies.

ROOSEVELT, THEODORE (2nd) and ROOSEVELT, KERMIT.1929. Trailing the Great Panda [in Yunnan and Szechuan]. *8vo.* pp. 12+278. col. pl. *map. index.* New York.An account of many North China animals as well as of the bear-like mammal, *Aeluropus Melanoleucus*, especially in search of which the expedition was outfitted.**ROOSEVELT WILD LIFE ANNALS.** 1926-30. New York.**ROOSEVELT WILD LIFE BULLETIN.** 1921-date. New York.**ROOY, N. DE.** 1906. See WICHMANN, C. E. A.**RÖPER, PAUL M. and LACKOWITZ, WILHELM.**1884. Unsere Vögel, Bilder aus dem Vogelleben Nord-deutschlands und seiner Nachbarländer. *4to.* pp. 8+621. 204 *text-figs. index.* Berlin.**RÖRIG, G.**

1899. Magenuntersuchungen land- und forstwirtschaftlich wichtiger Vögel. pp. 85. Berlin.

Author's excerpt, a useful study of the stomach contents of 1,735 species of birds with especial relation to economic ornithology. The present copy is from Prof. Reichenow's library, and was a gift to him from the writer.

ROSENBERG, C. B. HERMANN VON [1817-88].1867. Reis naar de Zuidoostereilanden, etc. *8vo.* pp. 37+125. 7 col. pl. 's Gravenhage.1875. Reistochten naar de Geelvinkbaai op Nieuw-Guinea in 1869-70. *4to.* 20 pl., some col., of birds. 's Gravenhage.

Birds and other fauna of New Guinea, Andai, etc. An important zoological item.

1878. Der Malayische Archipel. *8vo.* pp. 16+615. 8 pl. *text-figs.* Leipzig.

A German translation of the original Dutch monograph, with notes, by P. J. Veth.

ROSENHAUER, WILHELM GOTTLÖB [1813-81].1856. Die Thiere Andalusiens, etc. *8vo.* pp. 8+429. 3 pl. Erlangen.

The author claims the discovery and description of 249 hitherto undescribed genera and species of Spanish fauna, including insect forms.

ROSENIUS, PAUL.1913-19. Sveriges fåglar och fågelbom. *folio.* pp. 362. 105 photos. Lund.

A semi-popular, well-illustrated work on Swedish birds, their distribution, nests, and nesting habits. The present collection (from Prof. Reichenow's library) does not extend beyond 21 parts (? 1919), and the Compiler has been unable to find an account of the total publications to date.

ROSENSTOCK, RUDOLF.

1895. Heligoland as an ornithological observatory. See GÄTKE, H.

1901. See SCHMEIL, F. O.

ROSENTHAL, DORIS.

n.d. Pertaining to birds. [50 pl. in portfolio.] New York.

A collection of 50 plates (14×11 in.) in black and white embodying bird subjects from designs on old Italian, Japanese, Russian, Indian, Javanese, Persian, Siberian, Peruvian, Sicilian, Grecian, German, Chinese, and Venetian vases, lace, pottery, etc., from the large museums of the world. The Compiler has made a somewhat similar collection of photographs, with notes. See WOOD, C. A. BIRD PORTRAITS IN ANCIENT AND MEDIEVAL ART, 1931.

ROSENTHAL, FRIEDRICH CHRISTIAN [- 1829].1812-26. Ichthyotomische Tafeln. 6 pts. *text. 4to.* atlas in ob. *folio.* 27 pl.This editio princeps, with all the plates, is quite a rare publication. It is not listed in the *Cat. Br. Mus. (Nat. Hist.)*. A second edition was published in 1839.**RÖSLER, JOHANN CARL.**

1903. Nutzen und schaden der vögel. See HERMAN, Ó.

ROSS, ALEXANDER MILTON [1832-97].1871. Catalogue of Canadian birds [99 species], insects, and squirrels, collected in the vicinity of Toronto. *8vo.* pp. 10. Toronto.1871. The Birds of Canada; with descriptions of their plumage, habits, etc. *8vo.* pp. 132. Toronto. First edition, very rare. Not in *Cat. Br. Mus. (Nat. Hist.)*.1872. The birds of Canada; with descriptions of their plumage, habits, food, song, nests, eggs, times of arrival and departure. 2nd ed. *8vo.* pp. xvi+152+(6). 38 *figs. index.* Toronto.1872. A classified catalogue of the birds of Canada; including every species known to visit the several provinces which now form the Dominion of Canada. *8vo.* pp. 9. Toronto.**ROSS, E. DENISON.**1909. A polyglot list of birds in Turki, Manchu and Chinese. Edited with Identifications, Notes, and Indexes. *4to.* pp. 253-340. Calcutta.

This monograph is a Memoir (Vol. II, No. 9) of the Asiatic Society of Bengal, with a separate title-page indicating the contents.

ROSS, JAMES CLARK [1800-62].

1828. See PARRY, Sir W. E.

1835. (Zoology of the) Narrative of a Second Voyage in search of a North-west Passage, etc. 2 vols. *4to.* London.

It is the Appendix that contains an account of the vertebrates discovered on this voyage, the Mammals, Birds, and Fish by J. C. Ross; Salmones by J. Richardson. The expedition was in charge of Sir John Ross. See also ROSS, JOHN.

ROSS, JOHN [1777-1856].

1819. A voyage of discovery [in the] ships Isabella and Alexander, for the purpose of exploring

← Roosevelt, J. 1914. 1st ^{ill.} ed. *Through the Brazilian Wilderness*. 10/6. Frampton.

← Rosenthal, 1914. *Tierische Immunität*.

see Roosevelt Introduction to the *Levic de Chasse* Edward of York

Roughley - Wonders of the Great Barrier Reef. sm. foto. Sydney, 1936. Angus & Robertson. ^{see. ? pp. 450.}

→ Rowan, William. 1931. The riddle of migration. Baltimore.

→ Rowley, John. 1925. Taxidermy and Museum Exhibition. 8vo. 29 pls. 20 illus., New York.

Baffin's Bay, and inquiring into the probability of a north-west passage. 4to. pp. (6)+39+252+144. 25 pl. (15 col.). 5 maps. 9 figs. append. London.

The description of the animals found during this notable voyage will be found in the *Zoological memoranda*, Appendix No. II.

1835. Narrative of a Second Voyage in search of a North-west Passage, etc. 2 vols. 4to. illust. London.

Mammals, birds, and fishes were described by J. C. Ross; Salmones by J. Richardson.

ROSS, W.

1908. The Works of Aristotle. See ARISTOTLE.

ROSSANDER, C. P.

1797. Cogita de Instinctu animalium. Lund.

ROSTOCKER ZEITUNG. See NATURFORSCHENDE GESELLSCHAFT ZU ROSTOCK.

ROSTOCK UNIVERSITÄT. Zootomisch-Physiologisches Institut. 1840? Bericht.

ROTH, SANTIAGO.

1903. Los ungulados sudamericanos. In Spanish and German. folio. pp. 36. 4 pl. text-figs. La Plata.

ROTH, WALTER E. 1922. See BERKEL, ADRIAAN VAN.

ROTHSCHILD, LIONEL WALTER, Baron [1868-]. 1893-1900. The avifauna of Laysan and the neighbouring islands: with a complete history to date of the birds of the Hawaiian possessions. folio. pp. 34+320+21. 83 col. pl. index. London.

A comprehensive account of the birds of Laysan and nearby islands. A bibliography and (supplement) a *Resumé of Palmer's Diary* form part of the text. This important brochure was issued in three parts, the edition being limited to 250 copies.

1898. Paradiisidae. 4to. pp. 6+52. text-figs. Berlin.

Author's excerpt from *Das Tierreich*, Lief. 2.

1900. A monograph of the genus *Casuarius*. 4to. col. pl. London.

Author's reprint from the *Trans. Zool. Soc. London*. A beautifully illustrated treatise.

1907. Extinct birds. An attempt to unite in one volume a short account of those birds which have become extinct in historical times—that is, within the last six or seven hundred years. To which are added a few which still exist, but are on the verge of extinction. 4to. pp. 29+244. 45 col. pl. London.

The highest authority on the subject, beautifully illustrated with drawings by Keulemans, Grönvold, Lodge, and other famous artists.

ROTTERDAM. Nederlandsche Dierkundige Vereeniging.

1875-1930. Tijdschrift. Later volumes also issued from The Hague and Leiden.

ROTZELL, W. E.

1895. Birds of Narberth, Pa., and vicinity [108 species]. 8vo. pp. 8. Narberth, Pa.

ROUEN. Muséum d'Histoire Naturelle.

1862-1920. Actes.

1924-date. Actes—new series.

ROUGHLEY, T. C.

1916. Fishes of Australia and their Technology. 8vo. 70 col. pl.

ROUGIER, EMMANUEL.

1914. Île Christmas South seas (Océanie); birds, fishes, etc. 8vo. pp. 158. 65 figs. 3 maps (1 fold.). Brioude.

An interesting account of Christmas Island and its fauna, written in a mixture of French and English.

ROULE, LOUIS [1861-].

1898. L'Anatomie comparée des Animaux basée sur l'embryologie. 2 vols. 4to. pp. 36+1971. Paris.

An erudite treatise with a full bibliography to date of publication.

1911-24. See CHARCOT, J. B. A. E.

ROUX, JEAN LOUIS FLORENT POLYDORE [1792-1833].

1825-30. Ornithologie provençale; ou, description avec figures coloriées de tous les oiseaux qui habitent constamment la Provence, ou qui n'y sont que de passage. 2 vols. 4to. Vol. [I], 1825, pp. 55+388. 294 pl. (293 col.). Vol. II, 1830, pp. 48. 131 col. pl. Paris and Marseille.

This treatise, though unfinished, may be regarded as essential to a thorough study of the avifauna of Southern France. Systematic treatment of the subject is well carried out; synonymy (including vernacular names), generic and specific characters, habits, and distribution are all fully treated. The work is rare in any state but especially so with the full quota of 425 plates.

ROVARTANI LAPOK. 1884-1918. Budapest.

ROWE, SAMUEL [1793-1853].

1856. A perambulation of the antient and royal forest of Dartmoor and the Venville precincts . . . with the Natural History. 8vo. pp. 4+362. 11 pl. 7 append. index. Plymouth.

The first edition was published in 1848, and a third in 1896.

ROWLEY, GEORGE DAWSON [1822-78]. *entered* ✓

1875-8. Ornithological Miscellany. 3 vols. 4to. London and Brighton

This valuable serial was published at irregular intervals in 14 parts. The title is included elsewhere in this Catalogue as a periodical, written, it is true, mostly by Rowley but containing important papers by Dresser, Alfred Newton, R. B. Sharpe, P. L. Selater, and other noted ornithologists.

ROY, CHARLES SMART [1854-97].

1893-6. A dictionary of birds. See NEWTON, A.

ROYAL ASIATIC SOCIETY OF GREAT BRITAIN AND IRELAND. London.

1909-date. Asiatic Society Monographs.

1834-63. Journal. Series 1.

1864-89. Journal. Series 2.

1890-date. Journal. Series 3.

1823-33. Transactions. Continued as Journal.

**** Bombay Branch.

1841-1923. Journal.

1925-date. Journal. New series.

1819-23. Transactions.

**** Ceylon Branch.

1845-date. Journal.

Colombo.

[ROYAL ASIATIC SOCIETY OF GREAT BRITAIN AND IRELAND (conid.)]**** *China Branch.*

1886-95. Journal.

1847-59. Transactions.

**** *Korea Branch.*

1900-date. Transactions.

*Seoul.***** *Malayan Branch.*

1923-date. Journal. Continues Journal of the Straits Branch.

*Singapore.***** *North China Branch.*

1915-date. Extra Volume.

1858-60. Journal. Series 1.

1864-date. Journal. New series.

1915-date. Publications.

**** *Straits Branch.*

1878-1922. Journal. Continued as Journal of the Malayan Branch.

1895-6. Publications.

*Singapore.***ROYAL AUSTRALASIAN ORNITHOLOGISTS' UNION.**

1926. Official check-list of the birds of Australia. 2nd ed. 8vo. pp. x+212. map (fold.). append. vocab. 2 indexes.

Melbourne.

A comprehensive check-list of the birds of Australia giving: (1) The consecutive number of the species; (2) Accepted generic name; (3) Specific name; (4) Vernacular name; (5) Consecutive number of species in the first ed. of Check-list; (6) No. of col. pl in Gould's *Birds of Australia*; (7) Species No. in Gould's *Handbook to the Birds of Australia*; (8) No. of pl. in Mathews' *Birds of Australia*; (9) Range of each bird in Australia and beyond; (10) Original reference of the accepted specific name; and (11) After the necessary references for the accepted name, the references to plates and standard works, and the range of the species, the various names used in Australian works are given in chronological order. The present copy is a presentation one from the Council to Dr. Casey Wood. See also EMU.

ROYAL CANADIAN INSTITUTE. Toronto.

1879-89. Proceedings of Canadian Institute.

1897-1904. Proceedings.

1889-date. Transactions.

ROYAL COLLEGE OF SURGEONS OF ENGLAND.1845. Descriptive and illustrated catalogue of the fossil organic remains of *Mammalia* and *Aves* contained in the Museum of the Royal college of surgeons of England. 4to. pp. vii+391. 10 pl. T. of c.*London.***ROYAL IRISH ACADEMY.**

1841-1930. Proceedings. Three Series and Sections A and B.

ROYAL NATURAL HISTORY.1895. Edited by Lydekker, Richard, with contributions by P. L. Sclater and others. 12 vols. 4to. 72 col. pl. 1,600 figs. *London and New York.*

The birds are described in six volumes.

ROYAL PHYSICAL SOCIETY OF EDINBURGH.

1854-date. Proceedings.

ROYAL SOCIETY OF ARTS AND SCIENCES OF MAURITIUS. See SOCIÉTÉ ROYALE

DES ARTS ET DES SCIENCES DE MAURICE.

ROYAL SOCIETY OF CANADA.*Ottawa, Montrea*

1882-date. Proceedings and Transactions.

ROYAL SOCIETY OF EDINBURGH.

1832-date. Proceedings.

1783-date. Transactions.

ROYAL SOCIETY OF LONDON.

1867-1925. Catalogue of Scientific Papers.

1679-82. Philosophical Collections. Published as substitute for Philosophical Transactions for these years.

1665-1886. Philosophical Transactions.

1887-date. Philosophical Transactions. Series A.

1887-date. Philosophical Transactions. Series B.

1800-1905. Proceedings.

1905-date. Proceedings. Series A.

1905-date. Proceedings. Series B.

1896-date. Yearbook.

1902-9. Evolution Committee reports.

1879. An account of the . . . zoological collections made in Kerguelen's Land and Rodriguez during the Transit of Venus Expeditions . . . 1874-5. 4to. pp. 9+579. illust. text. 55 pl. *London.*

This elaborate, systematic natural history report is separately published from the Society's *Philosophical Transactions*, vol. cixviii, and the zoological descriptions given are, first, of the collections from Kerguelen Island, a desolate area in the Southern Ocean. Seals and Cetaceans are described by W. H. Flower; Birds by R. B. Sharpe; Oology by H. Saunders; Fishes by A. Günther. The zoological collections from Rodriguez were reported upon as follows: Extinct Fauna; Birds by A. Günther, H. H. Slater, E. Newton, and J. W. Clark; Reptiles by A. Günther. Recent fauna: Mammalia by G. E. Dobson; Birds, R. B. Sharpe; Reptiles and Fishes, A. Günther. Many species new to science were among the results of these explorations.

1912. Catalogue of the periodical publications in the library. 4to. pp. 8+455. *London.***ROYAL SOCIETY OF NEW SOUTH WALES.***Sydney.*

1867-date. Journal and Proceedings.

ROYAL SOCIETY FOR THE PROTECTION OF BIRDS.

1891-date. Annual report.

London.

The first report (12mo. pp. 12) is dated October 1891. Besides business matter connected with the Society there are valuable contributions to the history of bird protection.

1903-30. Bird notes and news. Vols. 1-17. Circular letter issued periodically by the Society.

Addressed to members and friends of the Society, and to all persons interested in bird protection.

In addition to the publication of this well-edited periodical, organ of a Society doing admirable work in the British Empire, the Society publishes many leaflets on such topics as 'The Plume Trade', 'Bird and Tree Day', 'Bird Sanctuaries', etc., and endeavors to encourage public education on the subject of Bird protection, Bird culture, and the advocacy of the rights of animals.

The membership of the Society and contributors to its organ include many prominent ornithologists—such men as the late W. H. Hudson.

The present Secretary of the Society and the principal contributor to the columns of this magazine, is Miss L. Gardiner.

1911. Feathers and facts. A reply to the Feather-trade, and review of facts with reference to the persecution of birds. 8vo. pp. 74. append. index.

London.

The contents of this reply are divided into two parts: (1) The story of the plume trade; (2) Some chapters in the Story; whilst the

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→ Pubon, C. *Dauk pugleli stomaagen.*

→ Ruini, C. 1603. *Anatomia et medicina equorum nova, etc.* 2 vols.
257 + 307 pp. Folio, woodcuts. Frankfurt.

< Rumbold, J. 1931. *The Origin of Life*. 800 pp. 128. London.

appendix contains the text of the plumage bills of 1908 and 1911. A vigorous reply to the misstatements of the 'Trade', who alarmed at the threatened loss of their profits, are industriously engaged in scattering their letters, circulars, and pamphlets broadcast over the country.

ROYAL SOCIETY OF QUEENSLAND.

Brisbane.

1884-date. Proceedings.

ROYAL SOCIETY OF SOUTH AFRICA.

Cape Town.

1908-date. Transactions.

ROYAL SOCIETY OF SOUTH AUSTRALIA.

Adelaide.

1899-date. Memoirs.

1877-date. Proceedings and Transactions.

ROYAL SOCIETY OF TASMANIA. Hobart.

1848-date. Papers and Proceedings.

1845-90? Report.

1856. Catalogue of books in the library. *Svo.* pp. 83. Tasmania.**ROYAL SOCIETY OF VAN DIEMEN'S LAND.** See ROYAL SOCIETY OF TASMANIA.**ROYAL SOCIETY OF VICTORIA.**

Melbourne.

1854-87. Proceedings.

1888-date. Proceedings. New Series.

1888-date. Transactions.

ROYAL SOCIETY OF WESTERN AUSTRALIA.

1914-date. Journal and Proceedings.

ROYAL ZOOLOGICAL AND ACCLIMATISATION SOCIETY OF VICTORIA. Melbourne.

1861-70. As Acclimatisation Society of Victoria.

1871-1909. As Zoological and Acclim. Soc. of Victoria.

1861-date. Annual Report. (None issued in 1869.)

1872-8. Proceedings.

1922. Official guide to the gardens. See LE SOUËF, WILLIAM HENRY DUDLEY.

ROYAL ZOOLOGICAL SOCIETY OF IRELAND.

Dublin.

1832-date? Annual Report.

1840-60. Proceedings.

See also IRISH NATURALIST.

ROYAL ZOOLOGICAL SOCIETY OF NEW SOUTH WALES. See AUSTRALIAN ZOOLOGIST.**ROYDS, T. F.**

1918. The beasts, birds, etc., of Virgil. 2nd ed. Oxford.

ROYLE, JOHN FORBES [1799-1858].

1833-40. Illustrations . . . of the Natural History of the Himalayan Mountains and Cashmere. 2 vols. 4to. pp. 82+472. 1 col. pl. atlas. 100 col. pl. London.

The only vertebrate title in this fine work is a Memoir on the Mammalogy, etc., by W. Ogilby.

RUBOW, CARL.

1911. The life of the common gull told in photographs. Tr. from the Danish. 8vo. pp. 6. 25 pl. (1 fold.) London.

RUDBECKIUS, OLOF (the Younger) [1660-1740].

1705. Ichthyologiae Biblicae pars prima. (All pub.) pp. 8+148. illust. Upsala. Intended to describe all the fishes mentioned in the bible.

RUDOLF, FRANZ KARL JOSEF, Crown Prince of Austria [1858-89].

1889. Notes on sport and ornithology [tr. from the German edition, 1877], by C. G. Danford. 8vo. pp. 8+648. index. London.

RUDOLPHI, CARL ASMUND [1771-1832].

1812. Beyträge zur Anthropologie, etc. 8vo. pp. 118. Berlin.

RUEL (RUELLIUS), JOANNES [1474?-1537].

1530. Των ἵππιατρικῶν βιβλία δύο. Veterinariae Medicinae libri duo, etc. folio. [O. 3851.] Paris.

The copy of this popular treatise on the horse and veterinary medicine contains a glossary of six leaves by Pierre Ruel (probably) a brother of the author. Osler says (*Bibliotheca Osleriana*, p. 33) that Jean Ruel of Soissons taught himself Greek and Latin and put his knowledge to good account by translating, among many others, the works of naturalists. The Osler Library has copies of many of these translations. Of interest to zoologists are his transcriptions of Dioscorides and Pliny. From his facility in this work Budaeus called the translator 'L'Aigle des interprètes'.

1537. Των ἵππιατρικῶν βιβλία δύο. Veterinariae Medicinae libri duo, etc. 4to. Basil.

Edited by Simon Grynaeus. This Greek treatise (that passed through many editions) is compiled from Hipplater, Hierocles, Eumelos, Apsyrus, and many other Greek writers on domestic zoology. [O. 3850.]

RUETMEYER, CARL LUDWIG [1825-95].

1861. Untersuchungen über die Geschichte der wilden und die Haus-Säugethiere von Mittel-Europa. 4to. Basel.

Author's reprint. Most of the essays of this noted paleontologist were written for Swiss journals, to be consulted in one or other of the McGill libraries.

1881. Veränderungen der Thierwelt in der Schweiz seit der Anwesenheit des Menschen. New ed. 8vo. illust. Basel.

The first edition was issued in 1875.

RUGBY SCHOOL NATURAL HISTORY SOCIETY.

Rugby.

1867-date. Report.

RUGGLES-BRISE, CECILY J.

[1927]. Notes on some birds of Dar es Salaam. 8vo. pp. xvii+95. 21 pl. 9 figs. index. Norwich.

RUINI, CARLO [d. 1598].

1618. Anatomia del Cavallo, etc. 2 vols. Venice. The first edition of this early treatise on the anatomy of the horse appeared in 1598. [O. 918.]

RUMPF, GEORG EBERHARD [1627-1702].

1705. D'Amboinische raritetkamer, behelz. eene beschryv. van allerhande schaalvischen, te weeten krabben, kreeften, en diergelijke zeedieren, als mede hoorntjes en schulpen, mineralen, gesteenten, enz., die men in d'Amboinische eilanden vindt. folio. pp. 30+340+43. 62 pl. Amsterdam.

This rare folio is important because of its early descriptions and depiction of faunal (mainly marine) life in the Dutch East Indies (the Moluccas especially) at the end of the seventeenth century. The copy in hand is of the *editio princeps*, published after the author's death. Several subsequent printings, including Latin and German translations, are well known.

[RUMPF, G. E. (contd.)]

1739. Thesaurus imaginum Piscium, etc. folio. pp. 10+15. 60 pl. Lugdun. Bat.

A compilation from the *Amboinische raritatenkammer* with its plates. The copy in hand belonged to Thomas Pennant and has marginal and other notes in his handwriting. The first edition of this extract was (probably) issued in 1711.

1766. Amboinische raritätenkammer, oder Abhandlung von den steinschaalichten thieren, welche man schnecken und muscheln nennet, aus dem holländischen übersetzt von Philipp Ludwig Statius Müller . . . und mit Zusätzen aus den besten schriftstellern der conchyliologie vermehret von Johann Hieronymus Chemnitz. folio. pp. 146 + 200. 33 pl. Wien.

RÜPPELL, WILHELM PETER EDUARD SIMON [1794-1884].

1826-8. Atlas zu der Reise im nördlichen Afrika, etc. 5 pls. folio. col. illust.

This supplement was issued by the Senkenberg Naturf. Gesell. The birds and mammals are described by P. J. Cretzschmar, the former in pp. 55 with 36 col. pl.; the latter in pp. 78 with 30 col. pl. C. H. G. von Heyden gives an account of the reptilia in pp. 24 with 6 col. pl. The fishes of the Red Sea are treated by E. Rüppell, pp. 144 and 35 col. pl.

1835-40. Neue Wirbelthiere, zu der Fauna von Abyssinien gehörig, etc. 4 pls. folio. pp. 6+140. 95 (partly col.) pl. Frankfurt-am-Main.

In another publication the author treats the birds of this work as part of a monograph on Abyssinian fauna, but with the title beginning *Systematische Uebersicht*, 1845.

1845. Systematische Uebersicht der Vögel Nordost-Afrika's. 4to. pp. 7+140. 50 col. pl. Frankfurt-a-Main.

The above forms a supplement to the author's *Neue Wirbelthiere*, 1835-40, in which he describes new species from North-East Africa. The plates are unusually good, hand-colored illustrations. The present copy is a presentation from the writer.

RUSCHENBERGER, WILLIAM SAMUEL WAITHMAN [1807-95].

1842. Ornithology: the natural history of birds. Third-book of natural history. 12mo. pp. 11+125. 8 pl. Philadelphia and New York.

Only of value as a rare and early American school compend. The cover date is 1844.

1849. Ruschenberger's Series. First books of Natural History. Elements of Anatomy and Physiology (of Mammalogy . . . Ornithology . . . Herpetology . . . Ichthyology . . . Geology) . . . From the text of Milne Edwards and A. Compte. With plates. 8 pts. 2 vols. 12mo. Philadelphia.

RUSKIN, JOHN [1819-1900].

1897. Love's meinie; 3 lectures on Greek and English birds. Oxford.

RUSS, KARL FRIEDRICH OTTO [1833-99].

1871. Handbuch für Vogelliebhaber, -Züchter und -Händler. 8vo. pp. 377. Hannover.

This is an abbreviated edition of the author's larger work, *Die Fremdländischen Stubenvögel*, and a companion volume to vol. II, *Einheimische Stubenvögel*, both written for popular reading. The volume in hand was specially bound by an unknown English purchaser with added blank leaves, filled with clippings and notes relating to birds and bird shows.

1877. Die Brieftaube; ein Hand- und Lehrbuch für ihre Verpflegung, Züchtung und Abrichtung. 12mo. pp. xvi+480. 13 figs. bibliogr. index. Hannover.

1879. Die Prachtfinken, ihre Naturgeschichte, Pflege und Zucht. 12mo. pp. 18+258. illust. index. Hannover.

A popular but systematic treatise on the Finches of the world, especially of those seen in Germany as cage-birds.

1879-99. Die fremdländischen Stubenvögel, ihre Naturgeschichte, Pflege und Zucht. 4 vols. 8vo. bibliogr. indexes. Vol. I, pp. xxiii+710. 14 pl. (col.). Vol. II, pp. xxviii+928. 10 pl. (col.). Vol. III, pp. xxviii+891. 10 pl. (col.). Vol. IV, pp. xxvi+950. 2 pl. (col.). 96 figs.

Hannover and Magdeburg.

From 1875 to 1879 the number of birds imported for the market of cage-birds as pets increased from 250 species to about 700 species. These four volumes on exotic cage-birds and their maintenance in captivity were the life-work of the author. It is probably the standard work on the subject. Vols. II and IV were published at Magdeburg.

1882. Die sprechenden Papageien; ein Hand- und Lehrbuch. 8vo. pp. 16+404. index. Berlin.

A classic work on Parrots as animals capable of human speech. The various species observed as cage-birds, their talking and other habits, methods of training, culture, and care are all fully discussed. An English translation was published in 1884.

1884. The speaking parrots; tr. from the German by Leonora Schultze. 8vo. pp. viii+296. 8 pl. (col.). 9 pl. 2 figs. index. London.

1884. Die Webevögel und Widafinken; ihre Naturgeschichte, Pflege und Zucht. 8vo. pp. xiii + 218. 13 figs. index. Magdeburg.

Weaver-birds as cage-birds, with an account of their natural history.

1887. Die sprechenden Papageien. 2nd ed. 12mo. pp. xx+457. index. Magdeburg.

A third edition was published in 1898.

1889. Allerlei sprechendes gefiedertes Volk. (Rabenoder krähenartige [mit Einschluss der Pfeifkrähen oder Flötenvögel und der Laubenvögel], Pastorvögel, Starvögel, Drosseln, Kanarienvögel und Gimpel oder Dompfaff.) Ein Hand- und Lehrbuch. 8vo. pp. xv+238. T. of c. Magdeburg.

A supplement to the author's *Die Sprechenden Papageien*. This treatise furnishes a very interesting account of crows, ravens, starlings, bulbuls, mynahs, canaries, and other birds that have been taught to utter words and sentences.

1896. Vogelzucht-Buch (Stubenvogelzüchtung zum Erwerb und für wissenschaftliche Zwecke). 8vo. pp. 16+127. 13 pl. 30 text-figs. Magdeburg.

1898. Der Wellensittich; seine Naturgeschichte, Pflege und Zucht. 8vo. pp. 4+121. 1 pl. 14 text-figs. Magdeburg.

The fourth edition of an interesting and popular work on budgerigars, *Psittacus undulatus*, their natural history, care, and culture.

1906. Der Kanarienvogel. 12mo. pp. 16+244. 3 col. pl. text-figs. Magdeburg.

The eleventh (posthumous) edition of a very popular work on the canary bird, its varieties, care, and culture. A twelfth edition was published in 1911.

1907. Vogelzuchtbuch; ein Handbuch für Züchter von Stubenvögeln.

The third edition of a well-known systematic work on cage and aviary birds. From the Cabanis-Reichenow collection. It is edited by Karl Neunzig.

1913-21. Handbuch für Vogelliebhaber, etc. 2 vols. 4to. pp. 3+895. 42 col. pl. 400 text-figs. Magdeburg.

A much enlarged (fifth) edition of this famous work on foreign aviary and cage-birds.

1914. Amazonen Papageien, etc. 2nd ed.

← Russ, Karl. 188-. Breeding and treatment of foreign aviary birds. Trans.
by Cassin.

→ Russell, E. S. 1916. Form and function.

→ Russell, F. S. and Jonge, C. M. The sea; our knowledge of life in the sea and how it is gained. 384 illus. incl. 167 in color.

↳ Sabbagh, Michel. See Mikhā'il Al-Sabbāgh. ~~Ramsay~~ Wright (astronomy)

→ Puseon, Die Ouis.

→ Puez. L'élevage des oiseaux étrangers. Monogr. des oiseaux de chambre exotiques. 325 p.

→ Ruttledge, Plantation game trails.

RUSSELL, ALEXANDER [?1715-68].

1756. The natural history of Aleppo and parts adjacent; containing a description of the city and the principal natural productions in its neighbourhood. 4to. pp. 8+266+[10]. 16 pl. London.
By a misprint the date on the title reads 1856. This is the first edition.

**** and **RUSSELL, PATRICK.**

1794. The natural history of Aleppo. Containing a description of the city, and the principal natural productions in its neighbourhood. 2nd ed. 2 vols. 4to. Vol. I, pp. 45+446. 3 pl. (2 fold.). append. Vol. II, pp. 69+430. 14 pl. append. index. London.

RUSSELL, C.

1885. The house sparrow. See GURNEY, J. H.

→ **RUSSELL, PATRICK** [1727-1805].

1756. The natural history of Aleppo. See RUSSELL, ALEXANDER.

1796. An account of Indian serpents collected on the coast of Coromandel. folio. pp. 8+91. 45 col. pl. London.

The species illustrated on the colored plates are given vernacular names. The famous Russell Viper was called "Katuka Rekula Poda" and is so entitled on Plate VII. This snake, as frequent and as poisonous as the Cobra, was not exhibited at public shows. This account was followed in 1801 by a 'Continuation' describing ophidia from other parts of India.

1801. A continuation of an account of Indian serpents containing descriptions and figures from specimens and drawings transmitted from various parts of India to the East India company. folio. pp. 15+57. 41 col. pl. London.

1803. Descriptions and figures of two hundred fishes; collected at Vizagapatam on the coast of Coromandel. 2 vols. folio. 208 pl. London.

The author was appointed Naturalist to the East India Company in 1785. His collection of fishes was deposited in the Company's Museum at Madras. Included in the collection is Russell's Ribbonfish (*Regalecus russellii*, Shaw), finely illustrated on plate 40. It was caught on the outside of the surf at Vizagapatam in March 1788 and the fishermen could give no name to it.

RUSSELL, WILLIAM HOWARD [1820-1907].

1881. A. Hay, Ninth Marquis of Tweeddale. A Biographical sketch by W. H. Russell. See TWEEDALE, A. H., 9TH MARQUIS OF.

РУССКІЙ ЗООЛОГИЧЕСКІЙ ЖУРНАЛ.
(Revue Zoologique Russe.) 1916-date. Moscow.**РУССКОЕ ОБЩЕСТВО АККЛИМАТИЗАЦІИ ЖИВОТНЫХ И РАСТЕНИЙ.**

1906-8. Dnevnik. Otdiel Ikhtologii.

1907-13. Trudy. Otdiel Ikhtologii.

1887-1908? Zhurnal. Otdiel Ikhtologii.

Otdielenie Ornitologii. See PITSEVIEDIENIE I PITSEVDSTVO.

РУССКОЕ ПАЛЕОНТОЛОГИЧЕСКОЕ ОБЩЕСТВО.

1918? Zapiski. Petrograd.
French title: Société Paléontologique de Russie.

→ **RUTTY, JOHN** [1698-1775].

1772. An essay towards a natural history of the county of Dublin. 2 vols. 8vo. illust. Dublin.

RUYSCH, FRIEDRICH [1638-1731].

1724-9. Thesaurus animalium primus. 4to. pp. 56+40. 7 pl. Amsteloedami.

Latin and Dutch in parallel columns.

RUYSCH, HENRICUS [d. 1727].

1718. Theatrum universale omnium animalium piscium, avium, quadrupedum, exanguium, aquaticorum, insectorum et angium. Ac plus quam Trecentis Piscibus Nuperrime ex Indiis Orientalibus allatis, ac nunquam antea his terris visis, locupletatum. 2 vols. (7 pts.). folio. front. 270 pl. Amsteloedami.

RYMSDYK, JAN VAN [fl. 1767-78].

1791. Museum britannicum; or, A display of thirty two plates, in antiquities and natural curiosities. 2nd ed. folio. pp. 4+17+88. 30 col. pl. text-figs. London.

The first edition appeared in 1778.

RYSTEDT, FREDERICUS MELCHIOR.

1823. Fauna Americae meridionalis [sic]. See THUNBERG, C. P.

→ **SABINE, EDWARD** [1788-1883]. 1828. See PARRY, Sir W. E.**SACCHO, FILIPPO DA TAGLIACOZZO.**

1591. Opera di Mescalzia . . . de' caualli, etc. 4to. illust. [O. 3925.] Roma.

A treatise on horses and their diseases and treatment.

SÄCHSISCH-THÜRINGISCHER Verein für Vogelkunde und Vogelschutz zu Halle, Monatschrift. See DEUTSCHER VEREIN ZUM SCHUTZE DER VOGELWELT, ORNITHOLOGISCHE MONATSSCHRIFT.**SADAHIDE.**

1863. Animal Sketches in Color. 3 pts. 4to. Arranged in European order.

Illustrated sketches of Japanese zoology; text in Japanese.

✓ **SADRUD-DIN MUHAMMAD B. ZABARDAST KHAN.**

1720. Khawassu'l-haywan. A treatise on zoology. 8vo. 81 ff. Persian MS.

Author's copy, with an alphabetical list of animals in Arabic, Persian, and Hindi.

SAGE, JOHN HALL [1847-1928] and others.

1913. The birds of Connecticut . . . and Louis Bennett Bishop . . . assisted by Walter Parks Bliss. 2 pts. 8vo. pp. (8)+370. append. bibliogr. index. Hartford.

Part 1 contains an annotated list of the species. Part 2, by Bishop, alone, contains a discussion of the economic ornithology.

SAGEMEHL, M. 1859. See BRONN, H. G. Die Klassen, etc., 1859-97.**SAGRA, RAMÓN DE LA** [1801-71], ed.

1839-61. Historia física, política y natural de la Isla de Cuba. 13 vols. folio. Atlas of Zoology, 1855. Paris.

A very important work on Cuba. A French edition was issued at the same time—an exact translation of this Spanish treatise. Vols. II, III, and IV deal with vertebrate zoology, the mammals being described by R. de la Sagra and F. L. P. Gervais, pp. 39, 8 col. pl., 1845; birds by A. d'Orbigny, pp. 220, 33 col. pl., 1839; vol. IV is entirely devoted to reptiles by Cocteau and Bibron, and fishes by A. Guichenot, pp. 255, 36 col. pl., 1843-53. The section on fishes was not published until 1853. The excellent Atlas in the French reprint lacks some engravings of shells but is otherwise identical with the Spanish original, in which the numbered plates correspond with references in the text.

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- SAINT-CYR, D. N.**
[1886]. Report of a voyage made to the Canadian Labrador coast; also a copy of his catalogue of plants and birds of the North Shore and of the islands belonging to the Canadian Labrador. 8vo. pp. 153. Author's reprint. *Quebec.*
The above forms *Sessional Paper, No. 37, of the Legislative Assembly, Province of Quebec*. A list of the birds is on pp. 34-8.
- ST. GALLISCHE NATURWISSENSCHAFTLICHE GESELLSCHAFT.** *St. Gallen.*
1858/60-date. Bericht und Jahrbuch.
- SAINT-HILAIRE, ALEX BOURJOT.**
1837-8. Histoire naturelle des perroquets, troisième volume (supplémentaire), pour faire suite aux deux volumes de Levaillant, contenant les espèces laissées inédites par cet auteur ou récemment découvertes. folio. pp. 42+220. 111 col. pl. 6 text-figs. *Paris.*
This is supplement number three to Levaillant's *Histoire Naturelle des Perroquets*, and had already been published in 29 parts as the author's *Collection des Perroquets*. The work is a valuable, systematic contribution to our knowledge of Psittaci. The hand-colored lithographs are excellent. The fourth supplement is Souancé's *Iconographie des Perroquets* also in the E.S.W. Library. See also LEVAILLANT, FRANÇOIS.
- SAINT-HILAIRE, ÉTIENNE GEOFFROY.** See GEOFFROY SAINT-HILAIRE, É.
- SAINT-HILAIRE, ISIDORE GEOFFROY.** See GEOFFROY SAINT-HILAIRE, I.
- SAINT-HILAIRE, JAUME JEAN HENRI.** See JAUME-SAINT-HILAIRE, JEAN HENRI.
- ST. JOHN, CHARLES WILLIAM GEORGE [1809-56].**
1878. Sketches of the wild sports & natural history of the Highlands. 8vo. pp. 15+338. 69 figs. *London.*
1919. Wild sports & natural history of the Highlands. 4to. pp. xxix+471. 39 pl. (28 col.). 26 figs. index. *London and Edinburgh.*
- ST. JOHN, CLAUDE and others.**
[1911]. Our canaries. 8vo. pp. 382. 63 pl. (31 col.). 164 figs. 3 indexes. *London.*
1919. Bird ailments and accidents and how to treat them. 12mo. pp. 118. glossary. *London.*
1920. Canary breeding for beginners. 8vo. pp. 83. 17 figs. *London.*
- ST. JOHN, HENRY CRAVEN [1837-].**
1880. Notes and sketches from the wild coasts of Nipon. 8vo. pp. xxiii+392. 8 pl. 5 maps (col.). 41 figs. append. *Edinburgh.*
References to animals, especially birds, occur throughout the book. A list (Siebold's) is given in the appendix of Japanese birds, with additions by the author. The present copy is a presentation from the author to Howard Saunders, from whose library it was secured.
- ST. JOHN, Mrs. HORACE.**
1856. Audubon, the naturalist of the New World. His adventures and discoveries. 12mo. *New York.*
There were several editions, with slightly varying titles, of this interesting work published both in America and Great Britain.
1862. Audubon, the naturalist of the new world. His adventures and discoveries. New, revised ed. 12mo. pp. xxiv+311. 4 pl. 1 fig. *Boston.*
- ST. JOHN, OLIVER BEAUCHAMP COVENTRY [1831-91].**
1876. Persia. See BLANFORD, W. T.
- ST. JOHN, SPENSER BUCKINGHAM [1825-1910].**
1863. Life in the forests of the far east; or Travels in northern Borneo. 2nd ed. 2 vols. 8vo. Vol. I, pp. xvi+406. 10 pl. (col.). 2 maps (fold.). Vol. II, pp. xi+424. 6 pl. (col.). 1 map. index. *London.*
- ST. LOUIS NATURAL HISTORY MUSEUM ASSOCIATION.** *St. Louis, Mo.*
1918-21? Bulletin.
- ST. LOUIS. Transactions of Academy of Science.** See ACADEMY OF SCIENCE OF ST. LOUIS.
- ST. PETERSBURG. Annuaire du Musée Zoologique de l'Académie d. Sciences.** See ANNUAIRE DU MUSÉE, etc. 1896-date.
- SAINT-PIERRE, JACQUES HENRI BERNARDIN DE [1737-1814].**
1809. Studies of nature. 5th ed. 4 vols. 8vo. *London.*
The first edition of this work was published in 1784. The present edition is translated from the French by Henry Hunter.
1815. Harmonies of nature. 3 vols. 8vo. Vol. I, pp. xxviii+439. front. (portr.). Vol. II, pp. viii+467. Vol. III, pp. vii+525. *London.*
A sequel to the author's *Studies of Nature*, edited with notes by L. Aimé-Martin and translated by W. Meeston.
- SALA, C. F. 1885.** See BÜTTIKOFER, JOHANN.
- SALERNE, FRANÇOIS [d. 1760].**
1767. L'histoire naturelle, éclaircie dans une de ses parties principales, l'ornithologie. See RAY, J.
- SALIHOTRA (SALIHUTAR).**
1839. Tarjuma-i-Salihotar. A treatise on the horse and his diseases. 4to. 158 ff. Persian MS. copy, with variations, of a famous ancient, original Sanskrit manuscript.
- SALMON, J. 1902-6.** See PERRIER, J. O. E.
- SALMON, JOHN DREW [1802-59].**
1849. The letters of Rusticus. See NEWMAN, E.
- SALT, HENRY [1780-1827].**
1816. Voyage en Abyssinie . . . 1809-10. 2 vols. and atlas. Text, 8vo. Atlas, 4to. 32 pl. text-figs. ? *Paris.*
The French translation (by P. F. Henry) of the English edition, 1814. In an appendix the birds are described by J. Latham and Lord Stanley.
- SALT, HENRY S.**
1905. Animals' Rights. 12mo.
An eloquent appeal for the (often grudgingly given) rights of the so-called lower animals.
- SALTER, JOHN H.**
1913. [British] Bird life throughout the year. 8vo. pp. 8+256. 23 pl. (8 col.). index. *London.*
- SALVADORI, TOMMASO ADLARD [1835-?1912].**
1864. Catalogo degli Uccelli di Sardegna, etc. 8vo. pp. 138. *Milan.*
One of the many monographs of this celebrated naturalist, who wrote most of his essays for journals, author's reprints of which—like the present title—are frequently met with. Count Salvadori contributed largely to the well-known Catalogues on natural history published by the British Museum.

→ Saidla, L.E.A. and Gibbs, W.E. (eds.:) 1930. Science and the Scientific
mind. pp. 598.

← Halten, Felij. 1931. Fifteen rabbits. pp. 256. London

← 1856. The Naturalist in the New World. 16mo. pp. 172. London. (First edition) S^t. John

← 1862. S^t. John. Life in the Forest. ? London [Frankton, Vols. 1. + 2. 13/-]

⇒ Salmon Broodstep. 1st ed. 1855. (B.) £5.12.0. bot in London Dec 10/37

1871. Uccelli. [Pt. 2, Fauna d'Italia.] 4to. pp. 56 + 352. Milano.

This systematic account of the birds of Italy gives full details of their natural history, vernacular names, synonymy, sexual differences, distribution, nidification, migratory habits, etc. A manuscript title reads 'Fauna d'Italia. Parta seconda, Fascicolo primo', with the date, 1871, instead of 1872, as furnished by the preface. The copy in hand is a present from the writer to Bowdler Sharpe.

1871-2. See CORNALIA, E.

1873. Viaggio dei Signori O. Antinori, O. Beccari ed A. Issel nel mar Rosso, nel territorio dei Bogos e regioni circostanti durante gli anni 1870-71. Genova.

A record of animal life made during a voyage to the Red Sea.

1880. On the birds collected in Ternate, Amboyna, etc. See THOMSON, C. W. and MURRAY, J.

1880-2. Ornitologia della Papuasie e delle Molucche. 3 vols. 4to. Parta prima. pp. xi + 573 + 7. bibliogr. of T. Salvadori. Parta seconda. pp. xvi + 705 + 1. Parta terza. pp. xv + 595. Torino.

This fine monograph on the birds of Papua and the Moluccas was published in the *Memorie R. Acad. Sci. Torino*, vol. 33, 1881. Provided with a new title-page and special wrappers the treatise was separately printed in the above three volumes. Later, supplements were issued in the same manner. The present copy, in the original wrappers, is from the Godman Library.

1882. Monografia del gen. Casuarius, Briss. 4to. pp. 2 + 44. 2 col. pl. 10 figs. 6 cuts in text. Turin. Extract from the *Mem. d. Reale Accad. d. Sc. di Torino* with a separate title-page. Presentation copy from the writer to P. L. Sclater.

1884. Uccelli dello Scioa e della regione fra Zeila e lo Scioa. 8vo. pp. 268. index. Genova.

This is the original monograph on the birds of Shoa, Abyssinia, collected by the Italian Expedition to Equatorial Africa. The Antinori collection comprised 307 species, bringing the total number of Shoa birds to 364.

1884-6. Catalogi di una collezione di uccelli [276 species] dello Scioa [Abyssinia] fatta dal Dott. Vincenze Ragazzi negli anni 1884-86. 4to. pp. 146. Genova.

A second edition was published in 1888, a copy of which, from Canon Tristram's collection, a presentation from the author, is now in the E.S.W. Library.

1887. Elenco degli Uccelli Italiani. 4to. pp. 331. index. Genova.

A brief, systematic and descriptive catalogue of 428 species of Italian birds. This work was compiled for the *Annali del Museo civ. di Stor. Nat. di Genova*, Serie 2e, vol. liii, and issued as a separate work. The copy in hand is from Prof. A. Reichenow's library. The preface is dated Decr. 1886.

1889-91. Aggiunte alla ornitologia della Papuasie e delle Molucche. 3 pls. in 1 vol. folio. pp. 244 [paged continuously]. Torino.

Three supplements to the author's well-known *Ornithology of Papua and the Moluccas*. The present volume is from the Godman Library.

1891. Catalogue of *Psittaci*, or parrots, in the collection of the British museum. (*Catalogue of the birds in the British Museum*, vol. XX.) 8vo. pp. 17 + 658. 18 col. pl. 5 text-figs. addend. 2 indexes. London.

1893. Catalogue of the Columbae, or pigeons, in the collection of the British museum. 8vo. pp. xvii + 676. 15 pl. (col.). append. 2 indexes. London.

Forming vol. XXIII of the *Catalogue of the Birds in the British Museum*. The collection consists of 7,359 specimens, referred by the author to 415 species. Only about one-tenth of the known species are unrepresented in the collection. The fine colored plates are by J. G. Keulemans.

1895. Catalogue of the Chenomorphae (Palamedeae, Phoenicopteri, Anseres) Crypturi and Ratitae in the collection of the British museum. 8vo. pp. xv + 636 + (2). 19 pl. (col.). 2 indexes. London.

Vol. XXVII of the *Catalogue of the Birds in the British Museum*. These families are represented by 5,541 specimens, embracing 296 species (67 types), of which only 19 are unrepresented in the Museum. The fine plates are by J. Smit and J. G. Keulemans.

1905-14. Genera Avium. See WYTSMAN, P.

SALVIANI, IPPOLITO [1514-72].

1554. Aquatilium animalium historiae liber primvs, cvm eorvmdem formis, ære excvsis. folio. pp. 16. ff. 256. 83 pl. Romae.

An important, early and well-illustrated treatise on fishes.

SALVIN, FRANCIS HENRY [1817-1904].

1869. See also FREEMAN, G. E.

**** and BRODRICK, WILLIAM.

1873. Falconry in the British Isles. 2nd ed. 4to. pp. 8 + 171. 28 col. pl. index. glossary. London.

This is the 'best' edition, the plates of the first issue having been redrawn and several new ones added. The work is regarded as the authority on falconry, the illustrations being most interesting and informing.

SALVIN, OSBERT [1835-98].

1861-96. Birds of South and Central America. 3 vols.

This is a collection of reprints from various journals, *Ibis*, *Proc. Zool. Soc.*, etc.—some of them author's special separates, and several written conjointly with P. L. Sclater and others. They form practically a complete collection of Salvin's contributions to periodical and serial ornithologic literature.

**** and SCLATER, P. L.

1866-9. Exotic ornithology, &c. See SCLATER, P. L.

[1867-70]. On some Collections of Birds [216 species] from Veragua. 2 pls. 8vo. Pt. I, pp. 33. 1 pl. (col.). Pt. II, pp. 47. map (fold.). [London.]

The present copy is interleaved with numerous MS. notes and is from the Godman Library with bookplate.

**** and SCLATER, P. L.

1873. Nomenclator avium neotropicalium, &c. See SCLATER, P. L. and SALVIN, O.

**** and GODMAN, FREDERICK DUCANE.

1879-1904. Biologia centrali-americana. Aves. 4 vols. 4to. Vol. I, pp. xliiv + 512. Vol. II, pp. 598. Vol. III, pp. iv + 510. Vol. IV, pp. vii. 84 pl. (col.). T. of c. London.

This important monograph, issued in 257 parts, treats of the complete natural history of the region. The 1,413 species of birds included in the work embrace representatives of 78 families and 539 genera, the 84 plates depicting 149 species. Salvin died in 1898 and Godman completed the work with the assistance of R. B. Sharpe and W. R. Ogilvie-Grant. All portions of vol. III after p. 184 bear only Godman's name, on the original wrappers. See also GODMAN, F. D.

1881. See SCLATER, P. L. and SALVIN, O.

1882. A catalogue of the collection of birds formed by the late H. E. Strickland [6,006 specimens]. 4to. pp. 16 + 625. Cambridge.

**** and GODMAN, F. DUCANE.

[1882-6]. Notes on birds [589 species] from British Guiana. 9 pls. in 1 vol. 8vo. 6 pl. (col.). [London.]

Authors' extracts from *Ibis*.

The above notes are based on a series of collections made by Henry Whiteley in British Guiana during 1879-86. Whiteley's travels included the ascent of Roraima to upwards of 7,000 ft. The only

[SALVIN, O. (contd.)]

other authority on the birds of Guiana at that time was Richard Schomburgk, who explored the country in 1840-4. The present copy is from the Godman Library with newspaper clippings inserted, about Whiteley's journeys, and the climbing of Roraima by Everard im Thurm and others. The E.S.W. Library has a second copy of this collection from the library of P. L. Schlater with that writer's manuscript corrections and addenda.

1885-97. Coloured figures of the birds of the British islands. See LILFORD, T. L. P.

****** and HARTERT, ERNST.**

1892. Catalogue of the Picariae in the collection of the British museum. 8vo. pp. xvi+703. 14 pl. (col.). 11 figs. addend. 2 indexes. London.

Forming vol. XVI of the *Catalogue of the Birds in the British Museum*. The collection consists of 12,286 specimens representing 687 species (211 types).

1896. See SAUNDERS, HOWARD.

SALVINI, ANTONMARIA. See OPIANUS, 1864.

'SAMARANG', H.M.S.

1850. The Zoology of the Voyage. folio. See also ADAMS, ARTHUR. London.

The Vertebrata, pp. 43, 8 col. pl., were described by J. E. Gray, and the Fishes by Sir J. Richardson, pp. 28, 10 col. pl. The sections were separately paged.

SAMMLUNG NATURWISSENSCHAFTLICHER VORTRÄGE. See ABHANDLUNGEN UND VORTRÄGE AUS DEM GESAMTGEBIETE DER NATURWISSENSCHAFTEN.**SAMUELS, EDWARD AUGUSTUS [1835-1908].**

1867. Ornithology and oölogy of New England. 8vo. pp. vii+583. 23 pl. 4 pl. (eggs, col.). 38 figs. 2 indexes. Boston.

Descriptions of the birds taken from Baird (*Pacific Railroad Surveys*, vol. ix, 1858), with general discussions of the species mostly from Wilson, Nuttall, and Audubon, with some original matter. William Couper supplied notes on the distribution, etc., of certain species in Quebec. The illustrations of eggs were prepared by M. M. Tidd and Nathan Brown; most of the other plates are copied from Audubon. The work passed through a large number of editions under various titles.

1868. Among the birds; a series of sketches for young folks. 8vo. pp. viii+223. 4 pl. 9 figs. Boston.

1868. Ornithology and oölogy of New England.

This edition has the identical text of the *editio princeps* of 1867, but has a tall paper format, an appendix, and superior all-colored lithographed plates.

1869. Ornithology and oölogy of New England.

The format and plates of the 1867 edition have been adopted in this printing, the bird portraits, however, being colored. There is no change in the text.

1870. The birds of New England and adjacent states. 5th ed. 8vo. pp. vii+591. 8 pl. (col.). 38 figs. append. 2 indexes. Boston.

This edition differs from the 1869 issue in having eight colored plates (containing 47 figures of birds on a reduced scale) in place of the 23 plates of the former issue. The four plates of eggs are also omitted. There is an extra five pages to the appendix which includes the addition of some new species, as well as the deletion of others. Otherwise the general body of the work is exactly the same as that of previous editions.

1883. Our northern and eastern birds. Containing descriptions of the birds of the northern and eastern states and British provinces. With a supplement from Holder's 'American fauna'. 8vo. pp. vii+600. 41 pl. (6 col.). 35 figs. append. supplement. 2 indexes. New York.

SANDARS, EDMUND.

1929. A Bird Book for the Pocket. 2nd ed. 12mo. col. pl. London.

A popular guide to 200 species of British birds, useful to the amateur. The colored illustrations are poor but serve as a means of identification.

SANDE, G. A. J. VAN DER [?1840-1910]. 1906. See WICHMANN, C. E. A.

SANDERSON, LYLE WARD.

[1916]. Chickadee-dee and his friends. 8vo. pp. xii+148. 16 pl. (8 col.). New York.

SANFORD, L. C. See SANFORD, L. C.

SAN DIEGO SOCIETY OF NATURAL HISTORY.

1905-30. Transactions.

See also WEST AMERICAN SCIENTIST.

1924. A brief history . . . on [its] Fiftieth Anniversary. 8vo. pp. 24. 1 pl. San Diego, Calif.

SANDIFORT, GÉRARD [1779-1848].

1839-44. Ontleedkundige beschouwing van een' volwassen Orang-oetan (*Simia Satyrus*). pp. 37. [Leiden.]

Author's excerpt.

SANDYS, EDWYN and VAN DYKE, T. S.

1902. Upland game birds. 8vo. pp. ix+429. 9 pl. index. New York.

A popular work that has passed through several editions. The Compiler's main objection to the contents lies in the continued stimulus to slaughter rather than to preserve some of our most beautiful American birds. The E.S.W. Library has (identical) reprints, dated respectively 1902 and 1924.

SANFORD, LEONARD CUTLER [1869-],

BISHOP, L. B., and VAN DYKE, T. S.

1903. The Water-fowl family. 8vo. pp. ix+598. 20 pl. 1 fig. index. New York.

A companion to Sandys and Van Dyke's *Upland Game Birds*, 1902. Another edition appeared in 1924.

SAÔNE-ET-LOIRE.

1865-6. Histoire Naturelle de Saône-et-Loire.

SANTA BARBARA. Museum of Comparative Oology.

Santa Barbara, Cal.

1919-22. Journal.

Continued as Comparative Oologist.

SANTA BARBARA SOCIETY OF NATURAL HISTORY.

1887-1902. Bulletin.

SÃO PAULO. Museu Paulista.

1895-1930. Revista.

1907-30. Catalogos da Fauna Brasileira. Vol. I. As aves do Brazil, pelo Prof. H. von Ihering e Rodolpho von Ihering. pp. 38+485. 2 col. maps.

SAPPORO NATURAL HISTORY SOCIETY.

1905-date. Transactions.

Contributions in Japanese, English, and German.

SARAJEVO. Bosnisch - Hercegovinisches Landesmuseum.

1888. Katalog. 8vo. pp. 92. Sarajevo.

1894. Materialien zu einer Ornithologie Balcanica. II. Bulgarien. O. Reiser. 8vo. pp. 12+204. 3 col. pl. 1 map. Wien.

← 1872. Birds of New England and adjacent states. With an appendix containing supplementary notes. 8vo. 591 pp. col. illus. Boston.

→ Sartorius, George. 1927? Introduction to the History of Science. 4 vols. Balti.
→ 1899. Illustrated manual of British birds. 2v. (Annotated and interleaved)

- Karndt, N. 1910. Die Vögel d. Gouvernements Peking. (in mss. Sprache.) 47
- Sass. Hubert R. 1924. On the wings of a Bird. Sketches of the Carolina Woods & Swamps. 90
- Satch, A. 1917. Histolog. Bau d. Vogelschnecken. ihre Schädigung durch. abun.
- Saussure, 1860. Essai ^{6 fig. 12 col. pl.} d'une faune d. Myriapodes du Mexique. Geneva
- Saunders, W. E. + Dale, E. M. S. 1933. History and list of birds of Middlesex Co.,
Ont.
- Savi, P. 1873-77. Ornithologia Italiana. 3v.

SARASIN, CARL FRIEDRICH FRITZ [1859-].
1913. Die Vögel Neu-Caledoniens und der Loyalty-
Inseln. 4to. pp. 6+78. 28 pl. Wiesbaden.
Author's excerpt from *Nova Caledonia. Zoologie*, Bd. 1, Heft 1.

SARASIN, PAUL [1856-] and **SARASIN, CARL FRIEDRICH FRITZ**.
1896-1906. Materialien zur naturgeschichte der
insel Celebes. 5 vols. 4to. *illust.* Wiesbaden.
Although the two Sarasins wrote extensively—especially for
periodical literature—on the natural history of the Celebes and other
East Indian islands there is little in these volumes on vertebrate
zoology.

**SARATOVSKOE OBSHCHESTVO ESTEST-
VOISPYTATELEI I LIUBITELEI ES-
TESTVOZNAIĬA.**
1910—date. Otchet.

1895—date. Trudy.

1924—date. Volzhskaia Biologicheskaiia Stantsiia—
Monografii.
French title: Société des Naturalistes de Saratov.

**SARAWAK MUSEUM JOURNAL; for the
Promotion of Scientific Knowledge and . . .
Natural History of the Island of Borneo.**
1911—date. Kuching.

SARS, GEORG OSSIAN [1837-].
1896—date. Fauna Norvegiae. Christiania.
In Norwegian and English. A continuation of *Fauna littoralis
Norvegiae* by Michael Sars.

SARS, MICHAEL [1805-69], and others.
1846-77. Fauna littoralis Norvegiae. 3 pts. folio.
col. illust. Christiania and Bergen.
In Swedish, German, and French. Succeeded by *Fauna Norvegiae*
by G. O. Sars.

1857. On the littoral fauna of the Mediterranean.
Author's excerpt from the Bergen Museum's *Aarbok*, vol. ix.

1865. Om de i Norge forekommende fossile
dyrelevninger fra kvartærperioden, et bidrag til
vor faunas historie. 4to. pp. 8+134. 4 pl. Christiania.

SARTORIUS, JOHANNES CHRISTOPHORUS (En-
graver).
1718. Thierbuch, Oder; Merkwürdige Beschrei-
bung Der Thieren und Vogeln, etc. 2 pts. 4to.
many copper pl. Caspar Wussin, Prag.
This is a very rare atlas of animals with descriptive text. Not in
Cat. Br. Mus. (Nat. Hist.).

SARWEY, Major-General VON.
1890. Von den Vogelen am Balkan. 2 vols. 8vo.
illust. Magdeburg.

SATCHELL, THOMAS. 1883. See WESTWOOD,
THOMAS.

SAUNDERS, ARETAS A.
1929. Bird Song. 8vo. pp. 201. 83 figs. in text.
Separate edition of *New York State Museum
Handbook*. Albany.
A most useful and informing work on the subject, of local birds.

SAUNDERS, HOWARD [1835-1907].
1877. Catalogue des oiseaux du midi de l'Espagne.
4to. pp. 57. Paris.
Author's excerpt on the birds of Central and Southern Spain. Alto-

gether 339 species are briefly but carefully catalogued with their
synonymies and occasional notes on habits and distribution. The
author acknowledges the assistance of Irby and Lord Lilford, both
of whom have written on certain aspects of his subject. From the
Godman Library, originally a presentation copy to Osbert Salvin.

1879. See ROYAL SOCIETY OF LONDON.

1881. Varidae collected during the 'Challenger'
expedition. See THOMSON, C. W. and MURRAY, J.

1882-5. A history of British birds. See YARRELL, W.

1887. A list of British birds, revised to April,
1887. For labelling specimens or for reference.
8vo. pp. 22. London.

A revised edition appeared in 1892.

1889. An illustrated Manual of British Birds.
pp. 40+754. *num. text-figs. index.* London.

This treatise is one of the best works on the subject. Saunders was
a principal contributor to Yarrell's *History of British Birds* and some
of the illustrations and part of the text in this work are derived from
that source. A useful diagnosis of orders and genera forms the
introduction. The present volume has an A.L.S. from the author
on 'Long-tailed Ducks'. A second edition was issued in 1899.

1892. The birds of Lancashire. See MITCHELL,
F. S.

1892. A list of British birds, revised to July, 1892.
8vo. pp. 24. London.

**** and **SALVIN, OSBERT.**

1896. Catalogue of the Gaviae and Tubinares in
the British museum. Gaviae (terns, gulls, and
skuas) by Howard Saunders. Tubinares (petrels
and albatrosses) by Osbert Salvin. 8vo. pp. xv+
475. 8 pl. (col.). 60 figs. *append. addend. 2
indexes.* London.

Forming vol. 25 of the *Catalogue of the Birds in the British Museum*.
The collection consists of 115 species of Gaviae and 109 of Tubinares,
represented by 5,735 specimens.

1899. An illustrated manual of British birds. 8vo.
pp. 40+776. 3 maps. 384 figs. *append. index.* London.

Issued in 20 parts as a revised edition of the 1889 edition, and by
many regarded as the best work of its kind ever published.

**** and **CLARKE, WILLIAM EAGLE.**

1927. Manual of British birds. 3rd ed. 8vo. pp.
viii+834. 405 figs. *index.* London.

SAUNDERS, MARGARET MARSHALL [1861-].
[1919]. Golden Dicky; the story of a canary and
his friends. 12mo. pp. xi+280. *front. (col.).
T. of c.* New York.

SAUSSURE, HENRI LOUIS FRÉDÉRIC DE.

1858. Observations sur les mœurs de divers
oiseaux du Mexique. 8vo. pp. 55. 1 pl. Genève.
Interesting account of eagles, woodpeckers, and other Mexican birds.
Repaged excerpt from the *Archives de la Bibliothèque Universelle de
Genève*. Presentation copy to Prof. Cabanis.

SAUVAGE, HENRI ÉMILE [1844-].

1875-1900. See GRANDIDIER, A. Histoire physique
de Madagascar.

1891. Histoire naturelle des poissons. folio.
pp. 543. 63 pl. Paris.

SAVI, PAOLO [1798-1871].

1827-31. Ornitologia Toscana. 3 vols. 8vo. *illust.*
Pisa.

SAVIGNY, MARIE JULES CÉSAR LELORNE DE [1777-1851].

1805. *Histoire naturelle et mythologique de l'ibis*. 8vo. pp. 14+224. 6 col. pl. Paris.

A learned essay on the Ibis, with observations made during the author's sojourn in Egypt. A rare book, the present copy from the library of the Earl of Northesk.

**** and others.

1809-22. *Description d'Égypte; ou Recueil des observations et des recherches qui ont été faites en Égypte pendant l'expédition de l'armée française, [1798-1801]. double elephant folio. 9 vols. text. 10 vols. plates.* Paris.

This magnificent work has been referred to several times and in part described and collated in this *Introduction*. The fine, full-page plates of the birds and some other animals are colored in the present copy of the original publication (from the Blacker Library), but are plain in the reprinted *Système des Oiseaux* that appeared as a second edition several years later.

1810. *Oiseaux de l'Égypte et de la Syrie. Partie systématique. Système des Oiseaux de l'Égypte et de la Syrie, présenté à l'Assemblée générale de la Commission, le 29 Août, 1808. folio. pp. 54. 14 pl. (folded double el. folio).*

A repaged print of the ornithological portion of the celebrated *Description de l'Égypte*, the report of the scientific aspects of the first Napoleon's ill-fated expedition. The accompanying (uncolored) plates are folded to fit the smaller size of the *Système*. The treatise furnishes a complete, systematic description of 27 birds of prey. In some instances, however, the text is abbreviated and the external characters of the beautiful plates are not fully brought out.

1810. *Observations sur le système des oiseaux de l'Égypte et de la Syrie. folio. pp. 2+11.* Paris.

A defence of the statements made by Savigny in the ornithological portion of the *Description de l'Égypte publiée par les ordres de Napoléon-Le-Grand*. It is not an integral part of that great work although the present copy is bound with the (uncolored) plates of the *Description*, and a copy of the author's *Système des Oiseaux de l'Égypte et de la Syrie*.

1883. *Audouin's explication sommaire des planches d'Oiseaux de l'Égypte et de la Syrie publiées par J. C. Savigny. 8vo. Reprint. See WILLUGHBY SOCIETY.*

SAVILLE, FRANK.

1925. *The river of the Giraffe. 8vo. pp. 7+217. 12 pl. index.* London.

Some account of the experiences of four persons on the banks of the White Nile. Their principal object seemed to be the useless and senseless slaughter of beautiful and harmless 'big game', such as antelopes, giraffes, etc. The Compiler, in common with other students of wild African mammals, wonders how long every 'sportsman' who can afford a gun and an escort will be allowed to devastate the country, and when the white settlers of the Continent will be able effectively to protest against this continual and stupid extermination of their native fauna. At least, the perpetrators of such evil deeds might henceforth have the decency to refrain from writing a book about them.

SAVILLE-KENT, WILLIAM.

1897. *The naturalist in Australia. 4to. pp. xv+302. front. 60 pl. (5 col.). 104 figs. append. index.* London.

An unusually attractive and well-written work with many scientific discussions of faunal life problems.

[1901-2]. See CORNISH, C. J., ed.

SAXBY, HENRY LINCKMEYER [1836-73] and **SAXBY, STEPHEN H.**

1874. *The birds of Shetland. 8vo. pp. xv+398. 8 pl. append. index.* Edinburgh.

SAY, THOMAS [1787-1834]. 1825. See KEATING, W. H.

SCAMMON, CHARLES MELVILLE [1825-].

1874. *The marine mammals of the north-western coast of North America, described and illustrated: together with an account of the American whale-fishery. folio. pp. 319. 26 pl.* New York.

SCHACHT, HEINRICH.

1877. *Die Vogelwelt des Teutoburger Waldes. 8vo. pp. 12+268. text-figs. T. of c.* Detmold.

A popular account, from personal observation, of the avifauna of the Teutoburg forest. From the Cabanis-Reichenow collection, in which, also, is a copy of the second, 1907, edition.

1885. *Aus dem Vogelleben der Heimat; Ornithologische Vorträge. pp. 2+302.* Detmold.

From the library of Prof. Reichenow.

1907. *Die Vogelwelt des Teutoburger Waldes. 2nd ed. 12mo. pp. 8+269. 30 col. pl.* Lemgo.

SCHAECK, F. DE.

1924. *Les Oiseaux du Port de Genève. 8vo. pp. 71. 46 text figs. index.* Genève.

SCHAEFFER, JAKOB CHRISTIAN [1718-90].

1760. *Epistola . . . de studii ichthyologici faciliiori ac tutiori methodo. 8vo. pp. 24. col. illust.* Ratisbonae.

A rare tract by an early entomologist who occasionally wrote on vertebrate zoology. The title in hand is not in the *Cat. Br. Mus. (Nat. Hist.)*.

1761. *Piscium Bavarico-Ratisbonensium pentas, etc. 8vo. pp. 12+82. 4 col. pl.* Ratisbonae.

1774. *Elementa ornithologica iconibus vivis coloribus expressis illustrata. 4to. pp. viii+(80). 70 pl. (col.). index.* Ratisbonae.

The work is divided into four sections, one of which describes Bavarian birds. A second edition appeared in 1779.

1779. *Elementa ornithologica iconibus . . . illustrata. 2nd ed. Unpaged atlas. folio. ff. 44. 70 hand-col. pl.* Ratisbonae.

SCHÄFF, ERNST ASCAN FRIEDRICH WILHELM [1861-].

1891. *Ornithologisches Taschenbuch für Jäger und Jagdfreunde. 8vo. pp. 10+193. 18 text-figs. index.* Neudamm.

Observations on the natural history of such German birds as find favor with hunters and persons of that ilk. A presentation copy to Prof. Nehring from the author.

1893. *Anleitung zum Bestimmen der deutschen Tag-Raubvögel nach den Fängen (Füssen). 8vo. pp. 35. 21 figs.* Berlin.

'Birds of Prey' (many of them quite harmless and often useful) are destroyed in great numbers every year and their feet are sent in for the payment of the premium offered for their destruction. This pamphlet shows how the birds may be identified by their legs and the proper reward adjudicated.

1905. *Ornithologisches Taschenbuch für Jäger und Jagdfreunde. 8vo. pp. 12+210. 67 text-figs. index.* Neudamm.

Second edition. The copy in hand is from the Cabanis-Reichenow collection.

[1908]. *Unser Flugwild. 12mo. pp. 110.* Stuttgart.

SCHAFFER, P. ALEXANDER.

1904. *Pfarrer P. Blasius Hanf als Ornitholog. 8vo. pp. 10+382. illust. index.* St. Lambrecht.

SCHAGER, CARL HENRIK [1865-].

1920. *Svenskt fiskerilexikon. 8vo. pp. 520.* Stockholm.

↳ Schaff, E.A. Unsere Singvögel.

↳ Sawyer, Edmund, Jr. 1930. Poems of Nature and Wild Life.
67 illus. 12 mo, cloth, \$1.75. Pontiac, Mich.

→ Schenk, Die einstigen.

→ Schenk u. Hegyfokny. 1907. Der vogelzug in Ungarn im 1907. 152 p.

SCHALOW, HERMAN.

1869-96. Anton Reichenow; ein Verzeichniss seiner bisherigen Arbeiten 1869-96. *8vo.* pp. 6+28. *Berlin.*

Bibliography of 359 titles contributed to ornithological literature by Prof. Anton Reichenow, to whom the copy in hand formerly belonged.

1904. (Die) Vögel der Arktis. *folio.* pp. 212. *pl. Jena.*

Provided with separate wrapper and title this excerpt from the 5-volume *Fauna Arctica* of Römer and Schaudinn was issued as a 'Nicht im Buchhandel', the copy in hand having been presented by the author to the editor of *The Auk*. 270 birds of the Arctic Ocean and its islands are fully described.

1919. Beiträge zur Vogelfauna der Mark Brandenburg. *4to.* pp. 2+602. 13 *pl. index.* *Berlin.*

A detailed account of the avifauna of Brandenburg. The present copy is a gift from the author to Dr. Ant. Reichenow.

SCHANNING.

1928. Birds from the North-Eastern Siberian Norwegian North Polar Expedition 'Maud' 1919-25. *Scientific Results*, vol. V, no. 6.

SCHANTZ, ORPHEUS MOYER.

1928. Birds of Illinois. *8vo.* *col. map.* many *figs. in text. index.* *Springfield, Ill.*

A useful guide to local bird life, by a practical ornithologist.

SCHARFF, ROBERT FRANCIS [1858-].

1899. The history of the European fauna. *8vo.* pp. vii+364. 21 *figs. index.* *London.*
One of the volumes of *The Contemporary Science Series*, edited by Havelock Ellis.

1907. European animals: their geological history and geographical distribution. *8vo.* pp. xiv+258. 71 *figs. append. index.* *London.*

1911. Distribution and origin of life in America. *8vo.* pp. xvi+497. 21 *figs. bibliogr. index.* *London.*

SCHAUDINN, F. R. [1871-1906], and RÖMER, F.

1900-10. *Fauna Arctica.* See RÖMER, F. and SCHAUDINN, F.

SCHIEDT, LEOPOLD.

1902. Vögel unserer Heimat. *8vo.* pp. 16+252. 8 *col. pl. 65 text-figs. index.* *Freiburg-im-Breisgau.*

The first edition of this popular treatise on the domestic birds of Germany appeared in 1890. This second edition is much enlarged and improved.

SCHEMBRI, ANTONIO.

1843. *Catalogo ornitologico del gruppo di Malta.* *8vo.* pp. 136. 1 *pl. index.* *Malta.*

1843. *Quadro geografico-ornitologico, ossia quadro comparativo; le ornitologie di Malta, Sicilia, Roma, Toscana, Liguria, Nizza, e la provincia di Gard.* *4to.* pp. 66. *Malta.*

SCHEPELMANN, EMIL.

1906. Über die gestaltende Wirkung verschiedener Ernährung auf die Organe der Gans. *8vo.* pp. [4]+41. 23 *figs. in text.* *Leipzig.*

A well-illustrated, anatomical, and physiological brochure on the internal organs of the domestic goose.

SCHERREN, HENRY.

[1905]. The Zoological society of London; a sketch of its foundation and development and the story of its farm, museum, gardens, menagerie and library. *8vo.* pp. xii+252. 12 *col. pl. 50 pl. 77 text-figs. index.* *London.*

SCHEUZER, JOHANN JACOB [1672-1733].

1716-18. *Helvetiae historia naturalis.* (In Latin and German.) 3 *pts. 4to.* *Zürich.*

SCHILLING, WILHELM.

1822. *Beiträge zur Vögelkunde.* *8vo.* See BREHM, C. L.

SCHILLINGS, CARL GEORG [1866-].

1905. Mit Blitzlicht und Büchse . . . der Thierwelt von Aequatorial-Ostafrika. *8vo.* pp. xvi+550. 23 *pl. 1 portr. illust. text.* *Leipzig.*

The first edition of this important account of East African fauna appeared in 1904. P. Matschie described the mammals collected during the expedition; A. Reichenow the birds.

****** and WHYTE, FREDERIC, translator.**

1907. In wildest Africa. With over 300 photographic studies direct from the author's negatives. *8vo.* pp. xvi+716. 195 *pl. 90 figs.* *New York.*

SCHINZ, HEINRICH RUDOLF [1777-1861].

1815. See MEISNER, C. F. A.

1819. Beschreibung und Abbildung der künstlichen Nester und Eier der Vögel, welche in der Schweiz, in Deutschland und den angränzenden Ländern brüten. 2 *pts. pp. 8+147. 73 col. pl.* *Zürich.*

Originally issued in 13 parts.

1827-32. *Naturgeschichte und Abbildungen der Säugethiere.* 28 *pts. folio.* pp. 4+349+8. *atlas. 168 pl.* *Zürich.*

The first edition (quite rare) was issued in (29 parts) 1824-9; and there is still another printing of this important treatise and Atlas, published in 1840. Parts of the work have also been issued separately.

1830. *Naturgeschichte und Abbildungen der Vögel-Gattungen; nach der Natur.* 2 *vols. folio.* Vol. I, pp. 36+445. Vol. II, pp. 13. 144 *pl. T. of c.* *Zürich.*

This large, well-illustrated work is something more than a mere translation of the ornithological part of Cuvier's *Règne Animal* upon which it is evidently based. The text and the illustrations by Brodtmann show many signs of originality; hence it is treated here as a distinct monograph. This Zürich, 1830, edition must be quite rare; it is not listed in any of the larger catalogues accessible to the Compiler.

1836. *Naturgeschichte und Abbildungen der Fische.* *folio.* 97 *col. pl.* *Schaffhausen.*

A well-illustrated, systematic monograph.

1837. *Verzeichniss der in der Schweiz vorkommenden Wirbelthiere.* *4to.* pp. 165. *illust.* *Neuchâtel.*

Author's reprint.

1840. *Europäische fauna; oder Verzeichniss der wirbelthiere Europa's.* 2 *vols. 8vo.* *Stuttgart.*

1853. *Naturgeschichte der Vögel, etc.* 2nd ed. 2 *vols., text and atlas. folio.* *Zürich.*

This well-known treatise, with several hundred colored figures, forms an enlarged and improved edition of the original (1830) publication. The Atlas has 127 plates, all but two colored.

SCHINZE, GEORGE.

1844. On the history, rearing, treatment, diseases and cures of piping bullfinches and German canary birds. *16mo.* *Bristol.*

SCHIÖDTE, JØRGEN MATTHIAS CHRISTIAN [1815-84].

1878-1907. *Zoologica Danica. Afbildninger af Danske Dyr med populær Text.* Hfte. 1-12. *4to.* pp. 968. 72 *col. pl.* *Kjøbenhavn.*

One of the best illustrated treatises on the vertebrate zoology of Denmark.

SCHJÖLER, E. LEHN [1874-1929].

1925-6. Danmarks Fugle. Med henblik paa de i Grønland, paa færøerne og i kongeriget island forekommende arter. 2 vols. folio. bibliogr.

Kjøbenhavn.

The most comprehensive and best illustrated work on the Birds of Denmark and its European dependencies yet published. Herluf Winge contributes an article on the remains of birds in kitchen-middens. Vol. II contains an appendix to both volumes. A brief collation shows:

Vol. I, 1925, pp. 552. pl. 98 (55 col.). 160 figs. in text (10 col.). index.
Vol. II, 1926, pp. 338. pl. 86 (46 col.). 117 figs. in text. 5 maps. index.

SCHLAG, F.

1904. Der Dompfaff. 8vo. pp. 55. T. of c.

Magdeburg.

The fifth edition of a popular small work on the Bullfinch (*Pyrrula vulgaris*).

SCHLEGEL, HERMANN [1804-84].

1833-50. See SIEBOLD, P. F. VON. Fauna Japonica.

1839-45. See MÜLLER, S. and SCHLEGEL, H.

1841. See WAGNER, M. F.

1844. Kritische Uebersicht der Europäischen Vögel. 2 pls. 8vo. pp. 135+116. Leiden and Paris.

The text and title-page are in French and German, several new forms being described. The copy in hand is from the Godman Library.

1844. See MÜLLER, SALOMON.

1850. See SIEBOLD, P. F.

1860-78. Natuurlijke historie van Nederland. De Dieren van Nederland. 6 vols. 8vo. (Wanting.)

Haarlem.

On the whole the most comprehensive systematic treatise on the vertebrate fauna of the Netherlands. The mammals (1862) are described in pp. 2+8+133, 20 col. pl.; birds (1868), pp. 71+263, 18 col. pl.; fishes (1862), pp. 12+12+211, 21 pl.; reptilian forms and amphibia (1862), pp. 43, 11 col. pl. The section on birds went to a second edition at Amsterdam, 1878.

1860. De dieren van Nederland. Gewervelde dieren. Vogels. (Natuurlijke Historie van Nederland.) 2nd ed. 2 pts. 8vo. pp. 72+263. 53 col. pl.

Haarlem.

1862-1908. Rijksmuseum van Natuurlijke Historie. Muséum d'histoire naturelle des Pays-Bas. 14 vols.

Leiden.

Issued in 14 parts. The noted author was at one time director of the important Museum whose activities he describes.

1863-6. De vogels Nederlandsch Indië. Les oiseaux des Indes Néerlandaises. In Dutch and French. 3 vols. in 1. 3 pts. pp. 38; 79; 68. 50 pl. (col.). 3 indexes.

Leiden.

1878. De vogels van Nederland. Tweede herziene druk. 2 vols. 8vo. col. pl.

Amsterdam and Haarlem.

A second, enlarged edition of this well-known treatise on the birds of the Netherlands.

SCHLEGEL, RICHARD.

1925. Die Vogelwelt [269 species] des nordwestlichen Sachenslands. 8vo. pp. v+274. 5 pl. index.

Leipzig.

SCHLESISCHE GESELLSCHAFT FÜR VÄTERLANDISCHE KULTUR. Naturwissenschaftliche Sektion. 1851?-80? Breslau.

SCHLESISCHE JAHRBÜCHER FÜR GEISTES- UND NATURWISSENSCHAFTEN. 1922-4.

Breslau.

SCHLESWIG-HOLSTEINISCHE NATUR- UND VOGELSCHUTZBLÄTTER. Zeitschrift des Natur- und Vogelschutzvereins für Schleswig-Holstein-Lauenberg.

1912. Jahrgang I. 4 nos. [all pub. ?]. 8vo. Kiel.

SCHLEY, FRANK.

1877. American partridge and pheasant shooting. 8vo. pp. 222. 8 pl.

Frederick, Md.

One of the usual books informing the public how most effectually to slaughter some of their most beautiful birds. The author says it was 'written by himself', but he does not, nevertheless, disdain lengthy quotations (about 40 pp.) 'lifted' from Baird, Brewer and Ridgway's *Land Birds* of 1874.

SCHMARDA, LUDWIG KARL [1819?-89].

1853. Die geographische Verbreitung der Thiere. 8vo. pp. 8+755. col. map. (Wanting.)

Wien.

Probably this naturalist's excellent treatise was in part the outcome of his journey around the world. At any rate, his observations are regarded as among the fundamentals of zoogeography.

1865-83. Bericht ueber die geographische Verbreitung der Tiere. Jahrg. I-X.

The Blacker Library has only the first ten numbers of this important serial.

1871-2. Zoologie. 2 vols. 8vo. illust.

Wien.

This, the first edition of a well-known textbook, is quite rare; at least a second edition (q.v.) (1877-8), considerably improved, was issued.

1877-8. Zoologie. 2te umgearbeitete Aufl. 2nd ed. 8vo.

Wien.

SCHMEIL, FRANZ OTTO [1860-].

1901. Text-book of zoology, treated from a biological standpoint; tr. from the German by Rudolf Rosenstock, ed. by J. T. Cunningham. 4to. pp. 16+493. illust.

London.

SCHMID, BASTIAN [1870-].

[1921]. Liebe und Ehe im Tierreich. 8vo. pp. 111. illust.

Leipzig.

On the sexual relations of animals, their loves, courtships, and mating.

1922. Die Säugetiere, etc. 2nd ed. 8vo. 29 col. pl.

Wiesbaden.

1924. Die Vögel. 2nd ed. 8vo. pp. 8+158. 30 col. pl. 49 text-figs.

Wiesbaden.

SCHMIDT, EDUARD OSCAR [1823-86].

1884. Die Säugethiere in ihrem Verhältniss zur Vorwelt. 8vo. pp. 12+280. text-figs.

Leipzig.

SCHMITT, JOSEPH.

1904. Monographie de l'île d'Anticosti (Golfe Saint-Laurent). 4to. pp. 6+370. 35 pl.

Paris.

The zoology is fairly well described.

SCHNEIDER, GEORG.

1930. Handbuch der Bibliographie. 4to. Auf. 8vo. pp. 9+674. index.

Leipzig.

SCHNEIDER, GUSTAV [1833-99].

n.d. Die Vogelfauna Sumatras, mit Demonstrationen und Streiflichtern über die übrige Tierwelt und die Pflanzen dieser Gegenden. 8vo. pp. 14.

Basel.

SCHNEIDER, JOHANN GOTTLÖB. [1750-1822].

1783. Allgemeine Naturgeschichte der Schildkröten, nebst einem systematischen Verzeichnisse der einzelnen Arten. 8vo. pp. 364. 2 pl. Leipzig.

1788. See FREDERICK II.

SCHNEIDER, KARL CAMILLO.

1911. Einführung in die Deszendentstheorie. 2nd ed. 4to. pp. 12+387. illust.

Jena.

7 Schlegel + Wulverhorst. ^{Fauconerie} Superfolio + photostat ^{Leyde} 1853
also a reduced photostat

+ Schneider, 1880. Der tierische Wille. Leipzig.

Schneider. J. G. Reliqua Fred II. 1788-9. photostat Ber. Mus.

→ Schrank, Franz von Paula. 1798. Durchgedachte Geschichte der in Baiern einheimischen und zahmen Thiere. Vol. 1, pp. 720. Murnberg.

→ Schreiner, J. C. 1898. The Angora goat; and A paper on the ostrich. 296 p. front., illus.

→ Schöpffer, H. Transl. of the De Arte Venandi Berlin 1896.
Schoger, A. W. 1931. Birds of Dane County, Wisconsin. (Pagel reprint)

SCHOEDLER, FRIEDRICH KARL LUDWIG [1813-84].

1853. The book of nature: an elementary introduction to the sciences of . . . zoology, etc. 1st American ed., from the 2nd English ed., tr. from the 6th German ed. by Henry Medlock. 8vo. pp. xii+691. 697 figs. index. Philadelphia. A second edition appeared in London, 1862.

SCHOEPF, JOHANN DAVID [1752-1800].

1792. Naturgeschichte der Schildkröten. folio. pp. 12+160. 35 pl. Erlangen.

This is the German rendering of the author's *Historia testudinum*, of the same date, essays on turtles in general.

1792-[1801]. *Historia Testudinum*. 4 pls. folio. pp. 12+136. 35 pl. *in black* Erlangae.

SCHOMBURGK, MORITZ RICHARD [1811-91].

1847-8. Reisen in Britisch-Guiana in . . . 1840-44, etc. 3 pts. 8vo. Leipzig.

The natural history of British Guiana, which means practically that of northern South America, is bound up with the explorations and numerous reports of the Schomburgk family. The publication of the present volume was largely due to the assistance and annotations of Sir Robert H. Schomburgk [1804-65], while the latter's account of his own *Reisen in Guiana und am Orinoko während . . . 1835-9* was published in Leipzig, 1841, by O. A. Schomburgk. Altogether they present an admirable review of the flora and fauna of the countries visited; the amphibia and fishes by J. Müller and F. H. Troschel, the mammals and birds by J. Cabanis. The original manuscript of a translation (see 1922-3) of the present treatise into English by the Compiler's friend, Dr. Walter Roth, Director of the British Guiana Museum in Georgetown, was presented to the E.S.W. Library by the translator himself.

1922-3. Travels in British Guiana, 1840-44; tr. [from the Germ.] and ed. with geographical and general indices and route maps by W. E. Roth. 2 vols. 8vo. Vol. I, pp. 38+402. 8 pl. 4 maps. 2 figs. 2 indexes. Vol. II, pp. (12)+443. 8 pl. 7 maps. index. Georgetown.

SCHOMBURGK, ROBERT HERMANN [1804-65].

1847-8. See SCHOMBURGK, MORITZ RICHARD.

SCHONEVELDE, STEPHANUS A.

1624. Ichthyologia et Nomenclaturae Animalium marinorum, etc. 4to. pp. 87. 7 pl. Hamburgi.

A rare work on north European fishes and some original remarks on their nomenclature.

SCHOOEK, MARTIN [1614-69].

1661. Martini Schoeekii de Ciconiis Tractatus. Editio altera, priori auctior et emendatior. 12mo. pp. 82+6. T. of c. Amstelaedami.

This rare, curious, and interesting little work enters fully into all that was known of the stork from the earliest times to the middle of the seventeenth century, especially 'apud Latinos, Graecos et Ebraeos'.

→ **SCHÖPFER, H.** 1896. ^{also} See FREDERICK II, Emperor of Germany.

SCHOTT, GASPAR [1608-66].

1697. Physica curiosa; sive, Mirabilia naturae et artis libris XII comprehensa. 8vo. pp. 36+1390+20. 60 pl. Herbipoli.

A very rare, early treatise (with nothing original) on natural history and other subjects.

SCHOUTEN, GAUTIER [-c. 1680].

1708. Voyage de Gautier Schouten aux Indes Orientales, etc.

Several editions and translations of this work have appeared, among them one in German dated 1754. The title above seems to be quite rare.

SCHRAGER, CARL H.

1920. Svenskt fiskerilexikon. 8vo. Stockholm.

A Swedish dictionary of terms used in piscine literature and commerce.

→ **SCHREBER, JOHANN CHRISTIAN DANIEL VON** [1739-1810].

[1774]-1846. Die Säugethiere in Abbildungen nach der Natur, mit Beschreibungen. 7 pts. 4to. col. illust. (? 347 pl.) Leipzig.

This title may be regarded as of the second edition (the first, 1774-1810) of a truly admirable treatise on world mammalogy. It was issued and printed, with the collaboration of D. A. Goldfuss and J. A. Wagner, and a *Supplementband*, published in five sections by J. A. Wagner (q.v.), so that the whole work forms a reliable, systematic history of mammals for three-quarters of a century.

1840-4. Die Säugthiere in abbildungen nach der natur, mit beschreibungen. . . . Fortgesetzt von Johann Andreas Wagner . . . Supplementband, 1-5 abth. 4to. col. illust. Leipzig.

SCHREIBER, EGID.

1875. Herpetologia Europaea. Eine systematische Bearbeitung der Amphibien u. Reptilien, welche bisher in Europa aufgefunden sind. 8vo. pp. 17+639. text-figs. Braunschweig.

A valuable, scientific contribution to European herpetology presented in systematic form by an acknowledged authority.

1912-13. Herpetologia europaea. Eine systematische Bearbeitung der Amphibien und Reptilien, etc. 2te Auflage. 8vo. pp. 960. 188 text-figs. index. (Nachtrag, pp. 54.) Jena.

This edition is regarded by some as the best German textbook on the subject yet issued. It treats the entire field in a scientific yet very readable manner.

→ **SCHRENK, PETER LEOPOLD VON** [1826-94].

1858-1900. Reisen und Forschungen in Amurlande in . . . 1854-56. 4 vols. 4to. col. illust. St. Petersburg.

This excellent account of the fauna of Manchuria was issued serially. Vol. I, containing an account of the vertebrates (only birds and mammals are systematically described), was published in 1858-60.

SCHRIFTEN D. GESELLSCHAFT NATURFORSCHENDER FREUNDE, BERLIN.

1780-94. (All pub.) See GESELLSCHAFT . . . FREUNDE.

SCHRIFTEN . . . DER NATURFORSCHER. GESELLSCH. BEI DER UNIVERSITÄT D. DORPAT.

1884-1925. Vols. I-XXIV. See TARTU, ESTONIA.

SCHROEDER, JOHANN [1600-64].

1659. Ζωολογία; or the History of Animals . . . in Physick and Chirurgery. Tr. from the German by T. Bateson. 4 pts. 8vo. pp. 6+159. [O. 3937.] London.

SCHRÖTER, FR.

1878. The homoeopathic poultry physician (poultry veterinarian); or, Plain directions for the homoeopathic treatment of the ailments of fowls, ducks, etc. 16mo. pp. 9+84. New York.

SCHUBERT, GOTTHILF HEINRICH VON [1780-1860].

?1860. Naturgeschichte der Reptilien, Amphibien, Fische, etc. 10th ed. 8vo. 30 col. pl. ? Esslingen.

n.d. Naturgeschichte der Vögel. 9te Auflage. folio. pp. 22. 30 pl. (col.). 47 figs. 2 indexes. Esslingen.

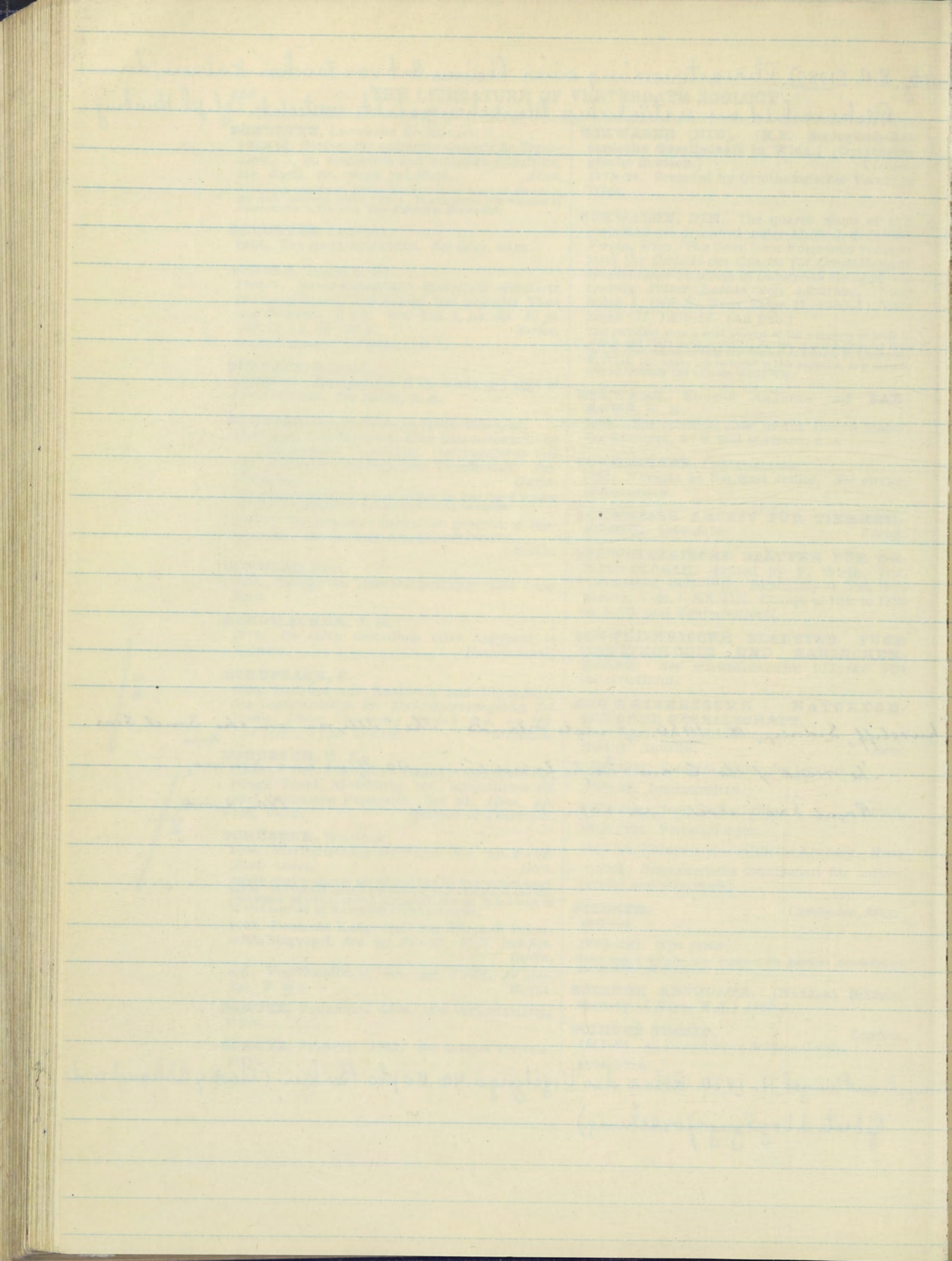
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- **SCHULTZE, LEONHARD SIGISMUND.**
1908-14. Zoologische und anthropologische Ergebnisse . . . im westlichen und zentralen Südafrika, etc. 5 vols. 4to. maps. col. illust. Jena.
A valuable treatise on African natural history based on travels in the dark continent during 1903-5. It constitutes five volumes of *Denkschriften of the Jena Med.-Naturwiss. Gesellschaft.*
- SCHULTZE, LEONORA.**
1884. The speaking parrots. See RUSS, KARL.
- SCHULZ, GEORG E. F.**
1908-9. Natur-Urkunden; Biologisch erläuterte photographische Aufnahmen frei lebender Tiere und Pflanzen. 2 vols. 8vo. Vol. I, pp. 20. 20 pl. Vol. II, pp. 16. 20 pl. Berlin.
Wonderful photographs of nesting birds.
- SCHULZE, ELIZA J.**
[1879]-86. Illustrations of the nests and eggs of birds of Ohio. See JONES, H. E.
- SCHULZE, FRANZ EILHARD** [1840-1921], ed.
1896-date. Das Tierreich. Eine Zusammenstellung . . . der rezenten Tierformen. Herausgegeben von der Deutschen Zoologischen Gesellschaft. 8vo. (Wanting.) Berlin.
This extensive treatise on general zoology has been issued in parts with the collaboration of well-known German zoologists.
- 1926-7. Nomenclator animalium generum et subgenerum. See AKADEMIE D. WISSENSCHAFT. Berlin.
- SCHULZE, PAUL.**
1928. Biologie der Tiere Deutschlands. Lief. 1-23. illust.
- SCHUMACHER, J. H.**
1773. De cultu animalium inter Aegyptos et Judaeos. Braunschweig.
- SCHÜPBACH, P.**
1905. Beiträge zur Anatomie und Physiologie der Ganglienzellen im Zentralnervensystem der Taube. (Bern University thesis.) 8vo. pp. 38. 1 pl. (col.). 2 figs. bibliogr. München.
- SCHÜSTER, M. T.**
[1883]. Der Papageien-Freund; Beschreibung, Pflege, Zucht, Abrichtung, etc., sämtlicher bis jetzt bekannten Papageien. 3rd ed. 12mo. pp. 148. index. Ifmenau in Thüringen.
- SCHÜSTER, WILHELM.**
1906. Wertschätzung der Vögel. 8vo. pp. 4+92. illust. index. Gera.
An able effort to appraise the value of bird life from various standpoints. The colored blocks, representing the 'advantages and disadvantages' of certain species, are quite ingenious. It is a book to be read carefully by the student of bird protection.
1907. Deutsche Käfigvögel: zur Pflege d. heimischen Singvögel. 8vo. pp. 11+71. 10 pl. text-figs. Berlin.
- n.d. Vogelhandbuch. 8vo. pp. 8+98. 70 text-figs. T. of c. Berlin.
- SCHUTZ, FEDERICO.** 1890. See STEPELMANN, HUGO.
- SCHUYL, FRANCIS.** 1732. See LEIDEN UNIVERSITY.
- **SCHWALBE (DIE).** (K.k. Zoologisch-Botanische Gesellschaft in Wien.) (Ornithologische Section.) Vienna.
1775-81. Preceded by Ornithologischer Verein in Wien.
- SCHWALBE, DIE.** The quarto issues of this periodical are described under *Mittheil. d. Ornith. Verein, Wien*. The three Neue Folge folio volumes form the *Berichte des Comités für Ornithologische Beobachtungs-Stationen in Oesterreich* Redigirt von Ludwig Ritter Lorenz von Liburnau. Neue Folge I, 1898-9; Neue Folge II, 1900-1; Neue Folge III, 1902-13. (All pub.)
This periodical gives a good account of the migration of birds in Austria and other parts of Central Europe. Contributions by such trained observers as Ludwig von Lorenz, A. Defant, R. Litschauer, W. Capek, and others will be found in this magazine, that came to such an untimely end with the World War.
- SCHWARZ, EUGENE AMANDUS and BARROWS, W. B.**
1895. The common crow of the United States, See BARROWS, W. B. and SCHWARZ, E. A.
- SCHWEITZER, CHRISTOPHER.**
1700. Voyages to the East Indies. See FRYKE, CHRISTOPHER.
- SCHWEIZER ARCHIV FÜR TIERHEILKUNDE.** 1859-date. Zürich.
- SCHWEIZERISCHE BLÄTTER FÜR ORNITHOLOGIE.** Edited by F. Wirth, Zug, Switzerland, 1877-1915. Bimonthly at first, then weekly. Vols. I-XXXIX. Change of title in 1895 to *B.f.O. und Kaninchenzucht*.
- SCHWEIZERISCHE BLAETTER FUER ORNITHOLOGIE UND KANINCHENZUCHT.** See SCHWEIZERISCHE BLÄTTER FÜR ORNITHOLOGIE.
- SCHWEIZERISCHE NATURFORSCHENDE GESELLSCHAFT.**
— Actes (see Verhandlungen).
1824-5. Annalen. Bern.
1880-1909. Comptes rendus des travaux.
1829-33. Denkschriften.
1837-date. Neue Denkschriften. Zürich.
1817-date. Verhandlungen.
1817-22. Naturwissenschaftlicher Anzeiger. Bern.
?-1920. Schweizerische Gesellschaft für anthropologie und ethnologie.
- SCIENCE.** Cambridge, Mass.
1883-94.
1895-date. New series.
Since 1901, it includes most papers of the *American Association for the Advancement of Science*.
- SCIENCE ADVOCATE.** (Natural Science Society of Atco, N.J.) 1880-2.
- SCIENCE GOSSIP.** London.
1865-93. As Hardwicke's Science Gossip.
1894-1902.

Schultz, E.C. [1780]. Charakterisierung einer kleinen Art von Taschen-Krebsen, deren Rückenschild ein natürliches Muschelgesicht vorstellt. Col. pl. Hamburg.

→ Shurcliff, Sidney, N. 1930. Jungle Islands. The "Illyria" in the South Seas. The record of the Crane Pacific Expedition. 90 Illus. and 2 maps, Royal 8vo, cloth, pp 298. New York.

← Schüz, E. und Weigel, H. 1930. Atlas des Vogelzugs. 4to. 150 pls. Berlin. (No. 3 of Abhandl. a. d. Gebiete d. Vogelzugforschung.)



SCIENCE LECTURES FOR THE PEOPLE.
1883-5. Series I-XI. 8vo. Manchester and London.

These admirable popular essays, the first of which was published in 1866, have been frequently reprinted. Many of them are on subjects of interest in the present compilation, among them (Series I) Thos. Alcock on *Zoology; Four plans of Creation*, 1884; (Series II) *Animal Mechanics*, S. M. Bradley; (Series VII) *Birds of the Globe*, R. B. Sharpe; *Great Extinct Quadrupeds*, P. M. Duncan; (Series X) *Animal Intelligence*, G. J. Romanes; (Series XI) *Age of Dragons*, B. W. Hawkins.

SCIENCE NEWS-LETTER. 1915-30.
Washington, D.C.

A valuable 'weekly summary of science', containing much zoological material.

SCIENCE PROGRESS. 1894-8. London.**SCIENCE RECORD; a monthly magazine.**
Nov. 1882-Oct. 1883. Vol. 1. 8vo. Boston.**SCIENCES, ART, NATURE.** 1888-1905. Paris.**SCIENTIA.** Paris.
1899-date. Série Biologique.**SCIENTIFIC AFRICAN.** 1895-6. Cape Town.**SCIENTIFIC AMERICAN.** New York.
1845-59.

1859-date. New series.

SCIENTIFIC ASSOCIATION OF TRINIDAD. Port of Spain.

1866-81. Proceedings.

1863-6. Transactions.

SCIENTIFIC AUSTRALIAN. 1893-1924.
Melbourne, Sydney.**SCIENTIFIC ENGLISHMAN.** 1859. London.**SCIENTIFIC AND LITERARY GOSSIP.**

1882-3. A Monthly Magazine of Notes, News and Reviews in Science and Literature. Edited by J. S. Kingsley. Vol. 1, Nos. 1-12 (all pub.).

Boston.

SCIENTIFIC MEMOIRS.

1837-52. First Series. 5 vols. 59 pl.

SCIENTIFIC OPINION. 1868-70. London.**SCIENTIFIC RESULTS OF THE SECOND YARKAND MISSION.**

1878-91. Based on the collections and notes of F. Stoliczka. 14 pts. 1 vol. folio. illust. Calcutta. A London printing is dated 1891.

The vertebrate zoology of this famous expedition was well provided for, in parts 4 to 7 inclusive. In part 4 W. T. Blanford described the Mammals (Chiroptera by G. E. Dobson), pp. 4+94, 29 col. pl., 1879; pt. 5, Aves, by R. B. Sharpe, pp. 17+153, 24 col. pl., 1891; reptilia and amphibia by W. T. Blanford, pp. 26, 3 pl., 1878; ichthyology by F. Day, pp. 25, 5 pl., 1878.

SCIENTIFIC SURVEY OF PORTO RICO AND THE VIRGIN ISLANDS. See PORTO RICO AND VIRGIN ISLANDS, SURVEY, 1927-date.**SCILLA, AGOSTINO** [1639-1700].

1752. De corporibus Marinis de Glossopetris. Romae.

SCCLATER, PHILIP LUTLEY [1829-1913].

1851. Synopsis of the genus *Euphonia*, with descriptions of new species. 8vo. pp. 21. Edin.

This monograph is one of the earliest contributions to zoology made by this talented and versatile naturalist whose writings form so large and important a part of the literature of vertebrate zoology. Like the majority of his monographs, the present title is an author's separate—in this case from *Contributions to Ornithology*, 1851.

1851-7. Miscellaneous ornithological papers. no l.-p. 20 pls. index.

An interleaved copy of 20 of the author's ornithological papers with his MS. notes, table of contents, and list of other papers. In the E.S.W. Library.

1853. A synopsis of the Galbulidae. 8vo. pp. 10. Edinburgh.

A revision, with additions, from Jardine's *Contributions to Ornithology*, 1852. The present copy is from the author's library, with a manuscript list in his own hand of the Galbulidae plates in his *Monograph of the Jacamars and Puff-birds*, 1879. Inserted are two long letters on the same subject to Dr. Scclater from Emile Oustalet, written in 1879.

1854. Synopsis of the fissirostral family Bucconidae. pp. 24. 4 pl. (col.). London.

Reprinted, with additions, from the *Annals and Magazine of Natural History*, 2nd series, 1854. This is an interleaved copy with MS. notes by the author.

1855-7. On the birds received in collections from Santa Fé di Bogota. Three author's reprints. 8vo. pp. 38+7+6. London.

According to these three papers the total number of birds known as belonging to the ornithology of the interior of New Granada is upwards of 510. The present copy is an interleaved one with copious marginal and other MS. notes by the author.

1856. Synopsis avium tanagrarum; a descriptive catalogue of the known species of tanagers. 8vo. pp. (2)+107. London.

272 species are described, supplemented with copious MS. marginal notes by the author.

1856-70. Birds of Mexico. 8vo. pp. (129). 8 pl. (7 col.). London.

Excerpts from the *Proceedings of the Zoological Society*; the author's own interleaved and annotated copy from the Godman Library. The work consists of a catalogue of the birds collected by Auguste Sallé in southern Mexico, with descriptions and colored illustrations of new species.

1857-8. A monograph of the [52 species of] birds forming the tanagrine genus *Calliste*. 8vo. pp. xvii+104. 46 pl. (col.). London.

Additions to this monograph were made by Scclater in *Ibis*, 1863, pp. 450-3. The present copy is an autographed presentation one from the author to Osbert Salvin.

1860. On the struthious birds living in the Society's menagerie. 4to. pp. 12. 5 col. figs. London.

Author's reprint (*Zool. Soc. Trans.*, 1860).

1861-2. Catalogue of [his] collection of American birds. 4to. pp. 14+338. 20 col. pl. T. of c. supplement and append. London.

There are listed in this important catalogue over 4,100 specimens of American birds, representing 2,169 species and 386 type-specimens. The publishers state that only 100 complete and perfect copies of this work have been issued. Some lack the plates.

1861-7. See WOLF, JOSEF.

**** and SALVIN, OSBERT.

1861-96. A collection of 90 papers on the birds of South and Central America. Author's reprints from various journals, especially *Ibis* and the *Proc. of the London Zoological Soc.*

1863. List of [56] species of Phasianidae. 8vo. pp. iv+15. 13 pl. (col.). London.

An extra-illustrated excerpt from *Proc. Zool. Soc. Lond.*, April 21, 1863.

[**SCLATER**, P. L. (*contd.*)]

1863. List of the species of Phasianidae. 8vo. pp. iv+15. 17 pl. (*col.*). London.

This printing differs from the other (1863) work in the addition of four extra colored plates.

**** and **SALVIN**, OSBERT.

1864. Notes on a collection of [273 species of] birds from the Isthmus of Panama. 8vo. pp. 33. pl. London.

Authors' reprint from *Proc. Zool. Soc. Lond.* This copy is an interleaved one with copious MS. notes in ink, and is repaged. From the Godman Library.

**** and **SALVIN**, OSBERT.

1866-9. Exotic ornithology, containing figures and descriptions of [104] new or rare species of American birds. folio. pp. vi+204. 100 pl. 12 figs. *index.* London.

Issued in 13 parts.

1867. Pterylography. See NITZSCH, CHRISTIAN LUDWIG.

1868. Descriptions of some new or little-known species of Formicarians. 8vo. pp. 5. 1 pl. 3 figs. London.

Author's excerpt from *Proc. Zool. Soc. Lond.*, 1868.

**** and **SALVIN**, OSBERT.

1873. Nomenclator avium neotropicalium; sive Avium quae in regione neotropica hujusque repertae sunt. folio. pp. 8+163. Londini.

Synopsis of avian species inhabiting the Americas south of U.S. territory, altogether 3,565 species. Nine new genera and 31 new species are catalogued and described. An important work of reference. The present copy is a present to W. B. Tegetmeier from the authors. A second copy (in the E.S.W. Library) belonged to H. Kirke Swann, and is filled with MS. notes. It also has a printed prospectus of the first proposed treatise (by Swann) on the Birds of South America, merged later in the (unfinished) monograph by Brabourne and Chubb. Still another is Robt. Ridgway's own interleaved copy, with many MS. notes.

****, **SALVIN**, OSBERT, and **BARTLETT**, EDWARD.

[1873]. On the [473 species of] birds of Eastern Peru, with notes on their habits by Edward Bartlett. 8vo. pp. 60. 1 pl. (*col.*). map (*col.*). 1 fig. *bibliogr.* London.

Authors' excerpt from the *Proc. Zool. Soc. Lond.* The present copy has numerous marginal MS. notes by P. L. Sclater, to whose library it originally belonged.

1875. On the Curassows now or lately living in the society's gardens. 4to. pp. 16. 14 col. pl. London. Author's interleaved copy, from *Trans. Zool. Soc. Lond.*, 1875.

1875. On the present state of our knowledge of geographical zoology. 8vo. pp. 49. *append.* London.

An address delivered to the Biological Section of the British Association at Bristol, August 25, 1875, in which the earth's surface is divided into seven regions, with an account of and reference to the best book or books appertaining to the mammals, birds, etc., of each region.

1876. On the birds collected by Dr. Comrie on the south-east coast of New Guinea during the survey of H.M.S. 'Basilisk'. 8vo. pp. 4. 4 pl. [*map.*] London.

Author's separate, to which he has added an original map and MS. notes.

1877. Report on the Birds of the 'Challenger' Expeditions. 8vo. London.

1879-82. A monograph of the jacamars and puff-birds, or families *Galbulidæ* and *Bucconidæ*. 4to. pp. 52+171. 55 pl. (*col.*). 14 figs. *index.* London.

1879-1915. See GODMAN and SALVIN. *Biologia Centrali-Americana*.

[1880]. List of the certainly known species of Anatidae. 8vo. pp. 42. *T. of c.* London.

**** and **SALVIN**, OSBERT.

1881. On the birds collected in Antarctic America. See THOMSON, C. W. and MURRAY, J.

**** and others.

1881. Report on the birds collected during the voyage of H.M.S. Challenger in the years 1873-1876. folio. pp. 4+166. 30 col. pl. *index.* London.

This section of the famous report on the Zoology of the Challenger expedition is composed of 13 papers by P. L. Sclater, the Marquis of Tweeddale, O. Finsch, T. Salvadori, W. A. Forbes, Osbert Salvin, and Howard Saunders, that were all published elsewhere as well as reprinted in one volume with slight changes in the text. The hand-colored plates are very fine reproductions of original drawings by Smit. The copy in hand is from the Godman Library.

1886. Catalogue of the Passeriformes, or perching birds, in the collection of the British museum. 8vo. pp. xvii+431. 18 pl. (*col.*). 108 figs. 2 *indexes.* London.

Vol. XI of the *Catalogue of the Birds in the British Museum*. These three families are represented by 5,494 specimens, which embrace 575 species (101 types), only 30 of which are unrepresented in the Museum.

1888. Catalogue of the Passeriformes, or perching birds, in the collection of the British museum, *continued*. 8vo. pp. xix+494. 26 pl. (*col.*). 69 figs. 2 *indexes.* London.

Vol. XIV of the *Catalogue of the Birds in the British Museum*. The specimens enumerated total 7,360, referred to 665 species (161 types), leaving only 38 species recognized as probably valid, but unrepresented in the Museum.

1888. See JAMES, F. L.

**** and **HUDSON**, WILLIAM HENRY.

1888-9. Argentine ornithology. A descriptive catalogue of the birds of the Argentine republic. 2 vols. 8vo. Vol. I, pp. xxiv+208. 10 pl. (*col.*). 1 fig. Vol. II, pp. xv+251. 10 pl. (*col.*). 18 figs. *append. index.* London.

This important work treats of 434 species. The description and synonymy of each species are given by Sclater, Hudson supplying notes on habits, song, etc. The latter portion of the work was reprinted in 1926 by W. H. Hudson under the title *Birds of La Plata*. This rare edition was limited to 200 copies for subscribers signed by the authors, of which the copy in hand is No. 17.

1890. Catalogue of the Passeriformes, or perching birds, in the collection of the British museum, *continued*. 8vo. pp. xvii+371. 20 pl. (*col.*). 45 figs. 2 *indexes.* London.

Vol. XV of the *Catalogue of the Birds in the British Museum*. The collection consists of 4,482 specimens, 531 species, with 172 types.

**** and **SHELLEY**, G. E.

1891. Catalogue of the Picariae in the collection of the British museum. 8vo. pp. xii+484. 13 pl. (*col.*). *addend.* 2 *indexes.* London.

Vol. XIX of the *Catalogue of the Birds in the British Museum*. In this collection (9,231 specimens) 448 species (73 types) are recorded, only 32 of which are not represented in the Museum.

1892. See JAMES, HARRY BERKELEY.

1894-6. (The) Royal Natural History. See LYDEKKER, RICHARD.

**** and **THOMAS**, M. R. OLDFIELD.

1894-1900. The book of antelopes. 4 vols. 4to. pp. 100. *col. pl.* London.

The fine colored illustrations were furnished by J. Smit.

→ Scott, A. 1873. Mammalia, recent and extinct - Pinnata. 8vo. Sydney.

→ Selater, W. L. 1931. Aves for 1930. (Zoological record. v. 67) London.

1896. A Bibliography of the published writings of P. L. Sclater by G. B. Goode. *8vo.* pp. 135. *Bull. U.S. Nat. Mus.*, No. 49.

1899. See SCLATER, WILLIAM LUTLEY.

1905-14. Genera Avium. See WYTSMAN, P.

SCLATER, WILLIAM LUTLEY [1863-].

1881-91. See INDIAN MUSEUM, CALCUTTA.

An early work of the author—the well-known son of Philip Lutley Sclater, and (like him) during a considerable portion of his career one of the editors of *Ibis*.

1896. See SHELLEY, GEORGE ERNEST.

**** and **SCLATER, P. L.**

1899. (The) geography of mammals. *8vo.* pp. 18 + 335. *illustr.* London.

The first seven chapters of this volume were written by W. L. Sclater, and published in the *Geographical Journal* (1894-7). The eighth chapter was read by P. L. Sclater at a meeting of the Zoological Society of London in 1897, and subsequently published in the society's *Proceedings*. The remaining chapters have been prepared by P. L. Sclater specially for this work.

**** and **STARK, A. C.**

1900-6. The Fauna of South Africa. 6 vols. *8vo.* *illustr.* London.

This important treatise was begun by Stark on the Birds (4 vols.) in 1900 and completed by Sclater in 1906; the Mammals by Sclater, 2 vols., 1900-1. A projected volume on the Reptilia was not published.

1905. Check list of [868 species of] the birds of South Africa, containing additions and corrections since the issue of the successive volumes of the birds in the Fauna of South Africa series. *8vo.* pp. 86. *bibliogr.* London.

Author's separate from *Annals South African Museum*, vol. iii.

1905. See FLINT, W.

1912. A history of the birds of Colorado. *8vo.* pp. xxiv + 576. 17 pl. 1 map. *bibliogr. index.* London.

A handbook to 392 species of Colorado birds, with a description of their distribution, habits, etc., largely based on notes by Charles E. Aiken and others. Inserted in the present copy is a portrait of P. L. Sclater, and a letter from the author to E. Ingersoll.

1924-30. Systema avium Aethiopicarum; a systematic list of the birds of the Ethiopian region. *8vo.* Pt. I, pp. 4 + 304. 1924. Pt. II, pp. 305-922. 1930. London.

The system of classification used is that of A. H. Evans in his *Birds (Camb. Nat. Hist. Series)*. The total number of forms treated is 4,439. An attempt has been made to give appropriate English names to all the birds. The Appendix brings the first part, published in 1924, to 1928. This work is done in conjunction with a conjoint committee of the American and British Ornithologists' Unions.

→ **SCOFIELD, NORMAN BISHOP.** See UNITED STATES. FISHERY REPORTS, 1898-9.

SCOPOLI, GIOVANNI ANTONIO [1723-88].

1769-[72]. Annus I-(V) Historico-Naturalis. 5 vols. *8vo.* Lipsiae.

An interesting early serial by a famous physician-naturalist that contains, however, very little on vertebrate zoology.

1786-8. Deliciae florum et faunae insubricae, seu Novae, aut minus cognitae species plantarum et animalium quas in Insubria austriaca tam spontaneas, quam exoticas vidit. 3 pts. *folio.* 75 pl. Ticini.

Gems of the flora and fauna of Lombardy, including native and exotic species which have lived there. Contains many type illustrations of importance. Each copper plate was executed at the expense of a separate patron. The book is very rare, the ornithological papers having been reprinted by the Willughby Society (edited by Alfred Newton) in 1882.

1882. Scopoli's Ornithological papers from his *Deliciae florum et faunae insubricae* (Ticini: 1786-1788). Ed. by Alfred Newton. *4to.* pp. 4 + 20. London.

SCORESBY, WILLIAM [1789-1857].

1823. Journal of a voyage to the northern whale-fishery; including researches and discoveries on the eastern coast of West Greenland. *8vo.* pp. 43 + 472. 8 pl. (4 maps). *append. glossary.* Edinburgh.

The third appendix gives a list of animals (including 17 species of birds), with notes by R. Jameson and T. S. Traill.

1862. The Whaleman's Adventures in the Southern Ocean. *12mo.* pp. 304. *illustr.* London.

→ **SCOTIA, VOYAGE OF THE. 1908-10.** See SCOTTISH OCEANOGRAPHICAL LABORATORY.

SCOTT, G. C.

[1875]. Fishing in American Waters, etc. *8vo.* pp. 539. *illustr.* New York.

The library has also an edition of 1860, New York.

SCOTT, GEORGE G.

1930. The Science of Biology. Revised ed. *8vo.* pp. 20 + 653. *text-figs. index.* New York.

One of the best textbooks on the subject. The biologic relations, morphology, histology, phylogeny, etc. of the vertebrata are fully and properly dealt with; an admirable handbook for the advanced student.

SCOTT, H. H. and LORD, C. E.

1924. A synopsis of the vertebrate animals of Tasmania. See LORD, C. E. and SCOTT, H. H.

SCOTT, ROBERT FALCON [1868-1912].

1905. The voyage of the 'Discovery'. 2 vols. Vol. I, pp. xix + 556. 92 pl. (7 col.). 3 maps. 16 figs. Vol. II, pp. xii + 508. 93 pl. (6 col.). 2 maps. 9 figs. 2 *append. index.* London.

There are many references to animals throughout both volumes. A second impression appeared in 1905, together with a smaller edition with fewer plates. All the 'Discovery' reports are in the McGill libraries.

1913. Scott's Last expedition; being the journals of R. F. Scott and the reports of the journeys and the scientific work undertaken by E. A. Wilson and the surviving members of the expedition, arranged by Leonard Huxley. 2 vols. *8vo.* *illustr.* Toronto.

A graphic account of the second and last expedition in which Captain Scott lost his life.

1929. The Voyage of the 'Discovery'. *8vo.* pp. 14 + 720. map. 16 *illustr. index.* New York.

Another American, single volume edition describing the famous expedition.

SCOTT, WILLIAM BERRYMAN [1858-].

1885. See KINGSLEY, J. S.

1901-7. See NATAL.

1903-4. Mammalia of the Santa Cruz beds. *folio.* Princeton, N.J.

Author's separate from *Reports of Princeton University Expeditions to Patagonia*, vol. 5, pt. 1.

1904-12. See PRINCETON UNIVERSITY EXPEDITIONS TO PATAGONIA.

1907. A collection of fossil mammals from the coast of Zululand. *4to.* pp. 15. *illustr.*

Author's repr. from the *Third Report of the Geological Survey of Natal and Zululand*.

[SCOTT, W. B. (contd.)]

1913. A history of land mammals in the western hemisphere. 8vo. pp. xiv+693. 304 figs. New York.

1927. See STONE, WITMER.

SCOTT, WILLIAM EARLE DODGE [1852-1910]. 1891-3. Observations on the birds of Jamaica, West Indies. 8 pts. in 1 vol. 8vo.

Author's reprint; a well-annotated list of 212 species and sub-species. Presentation copy from the author, with autograph. (The *Auk*, vols. 8-10.)

1898. Bird studies; an account of the land birds of eastern North America. 8vo. pp. xii+363. front. 165 figs. index. New York.

1903. The story of a bird lover. 8vo. pp. xi+372. New York.

A reprint of this interesting biography was published in 1904.

**** and SHARPE, R. BOWDLER.

1904-12. Ornithology of Patagonia. Vol. II. Pts. I-III. Reports of Princeton Univ. Exped. to Patagonia, 1896-99. 4to. Pt. I, pp. 1-112. 66 figs. Pt. II, pp. 113-344. figs. 67-174. Pt. III, pp. 345-504. 1 pl. figs. 175-252. Princeton, N.J.

SCOTTISH NATIONAL ANTARCTIC EXPEDITION.

1907. Life in the Antarctic. See BRUCE, W. S.

SCOTTISH NATURAL HISTORY SOCIETY.

Edinburgh.

1898-1902. Transactions.

SCOTTISH NATURALIST. Edinburgh.

1912-date. Continues Annals of Scottish Natural History.

SCOTTISH NATURALIST AND JOURNAL OF THE PERTHSHIRE SOCIETY OF NATURAL SCIENCE.

Perth, Edinburgh, London.

1871-91. Continued as Annals of Scottish Natural History.

SCOTTISH OCEANOGRAPHICAL LABORATORY.

1908-10. Scottish National Antarctic Expedition. Report on the scientific results. 4to.

Edinburgh and Glasgow.

Five volumes have so far been published, the zoology chiefly in vol. IV, pp. 8+313, 36 col. pl., 1909. A 'Zoological Log' was kept by D. W. Wilton, J. H. H. Pirie, and R. N. Rudmose Brown.

SCOVILLE, S.

1927. Man and Beast. 8vo. pp. 255. London.

SCRANTON, Pa. Everhart Museum of Natural History, Science, and Art.

1915. Natural History Bulletin.

1913-15. Natural History Leaflet.

SCUDDER, SAMUEL HUBBARD [1837-1911].

1882. Nomenclator zoologicus—an alphabetical list of all generic names . . . to the close of the year 1879. In two parts, Supplement and Index. pp. 19+376 and 340.

This extremely useful publication is *U.S. Nat. Mus. Bull.* 19 and forms a complete list of generic names in zoology and paleontology found in the corresponding works of Agassiz, Marschall, and the *Zoological Record*. The *Index zoologicus* of C. O. Waterhouse, London, 1902-12, is a further supplement to the above important work.

SEABRA, ANTERO FREDERICO DE.

1905. A regeneração da fauna ornithologica da Mata Nacional do Bussaco. 4to. pp. v+160. append. index. Lisboa.

Separately published treatise on agricultural zoology, or an account of useful and injurious animals in Portugal, including mammals, birds, and insects.

SEABURY, J. S.

1921. Reflections of a Moose Hunter. 8vo.

New York.

The Compiler cannot believe that they could have been very pleasant after looking into the dimmed eyes of some of his harmless and noble victims.

SEAGER, HERBERT WEST.

1896. Natural history in Shakespeare's time; being extracts illustrative of the subject as he knew it. 8vo. pp. viii+358. 46 figs. glossary. London.

SEALY, ALFRED FORBES.

1853. A classified list of the names and Latin synonyms of the British birds, including the names of all species observed up to the present time in the British Isles. 8vo. pp. 6+29 fol. (Privately printed.) Cambridge.

The present volume is a presentation copy. It is interleaved and full of the author's MS. notes.

SEBA, ALBERT [1665-1736].

1734-65. Locupletissimi rerum naturalium thesauri accurata descriptio, et iconibus artificiosissimis expressio, per universam physices historiam. 4 vols. folio. 449 col. pl. Latin and Dutch. Amstelaedami.

The author was a wealthy Dutchman who assembled the richest collection of natural history objects in his time. His private museum was afterwards purchased by Peter the Great and removed to St. Petersburg. Preface by Hermann Boerhaave; vignettes by Pieter Tanje. There is, in addition to the Latin-Dutch and Latin-French editions, a third (extremely rare) printing, edited by Guerin, Paris, 1827-30. The reissue was carried out under Cuvier's supervision, the fine plates of the original being reproduced. To this classic rarity many noted naturalists—H. Boerhaave, P. Artedi, H. D. Gaubius, and P. Massuet among them—contributed. Artedi wrote most of the descriptions of Fishes.

SEBASTOPOL. Laboratoire zoologique et station biologique. See LABORATOIRE ZOOLOGIQUE . . . SEBASTOPOL.

SEBRIGHT, JOHN SAUNDERS [1767-1846].

1826. Observations upon Hawking, etc. 8vo.

London.

SEDALIA NATURAL HISTORY SOCIETY.

Sedalia, Mo.

1885. Bulletin.

SEDGWICK, ADAM [1854-1913].

1885. The works of F. M. Balfour. See BALFOUR, F. M.

1885. Elementary text-book of zoology. See CLAUS, C. F. W.

1898-1909. A student's text-book of zoology. 3 vols. 8vo. Vol. I, pp. xii+619. 472 figs. index. Vol. II, pp. xv+705. 333 figs. index. Vol. III, pp. xi+905. index. London.

Probably the most complete work of its kind (to date) accessible to English readers, containing all the information that even an advanced student requires about the anatomy and classification of vertebrated animals.

✓
x7 Wm. Henry Scott. British Field Sports. London, 1818.

✓
← Scott, W. H. 1820. British field sports, embracing practical instructions in shooting, hunting, etc. 2^d ed. 8vo. 34 pls. illus.

Debatier, 1893. De la spermatogenese chez l. crustaces dekapodes. 10 pl.

- 1913. The holiday nature-book. 115 illus. from photos.
- 1923. Sedgwick, W.T. and Tylor H.W. A Short History of Science. pp. 476.
- Seebohm, H. *Miscellanea ornithologica.*

SEDGWICK, SIDNEY NEWMAN.

- 1922. The British nature book; embracing the mammals, birds, reptiles, fish, etc. 8vo. pp. xi+495. 40 pl. (8 col.). 505 figs. append. index. London.

SEEBOHM, HENRY [1832-95].

- 1880. Siberia in Europe: a visit to the valley of the Petchora, in north-east Russia; with descriptions of the natural history. 8vo. pp. xvi+311. 48 text-figs. 1 map. index. London.

An account of the author's journey with J. A. Harvie-Brown in search of the breeding-grounds of the Grey Plover, Little Stint, Sanderling, Curlew Sandpiper, Knot, and Bewick's Swan.

1881. Catalogue of the Passeriformes, or perching birds, in the collection of the British museum. 8vo. pp. xvi+426. 18 pl. (col.). 15 figs. 2 indexes. London.

Vol. V of the *Catalogue of the Birds in the British Museum*. It contains an account of all the Warblers and Thrushes known at the time, amounting to 344 species, of which 303 are in the Museum, being represented by 2,560 examples.

1882. Siberia in Asia, a visit to the valley of the Yenesei in east Siberia. 8vo. pp. xviii+304. 67 figs. map. index. London.

A companion volume to the author's *Siberia in Europe*, 1880. The two volumes, combined, revised, and reissued form in 1901 *The Birds of Siberia*.

- 1882-5. A history of British birds, with coloured illustrations of their eggs. 4 vols. 4to. pp. 684+18. 68 col. pl. index. London.

The work appeared in six parts, part 1 being published in 1882 (dated 1883); parts 5 and 6 not until 1885. A second edition appeared in 1896, and a third edition (or reissue with some added notes) was published in 1904. The above is a brief description of the ordinary copy, but there is in the E.S.W. Library also a specially bound copy, extra-illustrated with 267 plates from Lord Lilford's *British Birds*, thus adding greatly to the value of a work much lacking in many respects but especially in colored plates.

1887. The geographical distribution of the family *Charadriidae*, or the plovers, sandpipers, snipes, and their allies. 4to. pp. xxix+524. 21 pl. (col.). 265 figs. 1 map. 2 indexes. London.

1890. The birds of the Japanese empire. 8vo. pp. xxiv+386. 98 figs. bibliogr. index. London.

An unsuccessful attempt to collect all our available knowledge of Japanese ornithology into a single volume. A critical review of the work was given by Stejneger in the *Auk*, 1891, pp. 99-101. The copy in hand is an autographed presentation by the author.

1890. Classification of Birds: an attempt to classify the subclasses, orders, suborders and some of the families of existing birds. 8vo. pp. 11+53. London.

This systematic work was followed by a *Supplement* (pp. 8+28) in 1895. The E.S.W. Library has another edition, dated 1918.

1893. Geographical Distribution of British Birds. Address to the Yorkshire Naturalists' Union. Skipton. 8vo. pp. 36.

This paper appears to have been printed for private distribution. From the P. L. Selater collection in the E.S.W. Library.

**** and **SHARPE, R. BOWDLER.**

1896. Coloured figures of the eggs of British birds, with descriptive notices. 8vo. pp. xxiv+304. portr. 60 col. pl. 2 indexes. London.

Edited after the author's death by R. Bowdler Sharpe.

1901. The birds of Siberia; a record of a naturalist's visits to the valleys of the Petchora and Yenesei. 8vo. pp. xix+512. 112 figs. map (col.). index. London.

This work in a one-volume compilation from the accounts of the author's two visits to Siberia in 1875 and 1877.

1902. (A) monograph of the *Turdidae*. Or family of thrushes. Ed. and completed (after the author's death) by R. Bowdler Sharpe. 2 vols. 4to. Issued in 13 parts. Vol. I, pp. xi+336. portr. 78 pl. (col.). Vol. II, pp. ix+250. 71 pl. (col.). addend. index. London.

SEELEY, HARRY GOVIER [1839-1909].

1870. The ornithosauria; an elementary study of the bones of pterodactyles. 8vo. pp. 12+135. 12 pl. Cambridge.

1886. The fresh-water fishes of Europe; a history of their genera, species, structure, habits, and distribution. 8vo. pp. 10+444. 1 pl. figs. in text. London.

1896. Index to the fossil remains of aves, ornithosauria and reptilia from the secondary system of strata in the Woodwardian Museum of the University of Cambridge. 8vo. pp. xxiii+143. T. of c. Cambridge.

1901. Dragons of the air, an account of extinct flying reptiles. 8vo. pp. 13+239. 11 pl. text-figs. London.

SEERS, H. WADDINGHAM.

1921. The book of nature stories. 8vo. pp. 5+256. 8 pl. (col.). New York.

SEIDEL, HEINRICH.

1909. Naturbilder. 8vo. pp. 7+174. Leipzig.

SEIDLITZ, GEORG KARL MARIA VON [1840-].

1869. Die Bildungsgesetze der Vogeleier in histologischer und genetischer Beziehung. 8vo. pp. 4+58. tabs. Leipzig.

SEITEI, WATANABE (SEITEI KWACHO GWAFU).

1890. Colored Sketches of Birds and Flowers. 3 vols. Tokio.

SELBORNE MAGAZINE.

- 1890-date. (1890-1908 as Nature Notes.) London.

SELBORNE MAGAZINE FOR LOVERS AND STUDENTS OF LIVING NATURE. (Selborne Society.)

- 1888-9. Continues Letters of Selborne Society; continued as Selborne Magazine. London.

SELBORNE SOCIETY, LONDON.

1887. Letters. Continued as Selborne Magazine for Lovers and Students of Living Nature. London.

SELBY, PRIDEAUX JOHN [1788-1867].

- 1821-34. [Illustrations of British ornithology.] Plates to Selby's illustrations of British ornithology. 2 vols. el. folio. 222 col. pl. Vol. I (pt. I), 8vo. pp. 36+335. Land Birds, 1821. Vol. I, Land Birds [2nd ed.], pp. 37+450. 93 pl. 1833. Vol. II, Water Birds, 8vo. pp. 12+538. 129 col. pl. 1833. Volumes, parts, and plates dated, numbered, and issued irregularly. London, Edinburgh, and Dublin.

A series of fine, life-sized, colored plates of British birds. There are numerous editions of the work. In the preface to vol. I of the text *Illustrations of British Ornithology*, 1833, the author apologizes for a 'slight want of regularity in the numbering of the plates'. The present copy differs from that of the *Ayer Catalogue* (p. 571) in that all of the plates in vol. II are colored, instead of only 125 there recorded, evidently an editorial error, the four plain ones being credited here instead of to vol. I. Vol. I has the paper watermarked '1832', while that of vol. II is '1827', there being a wide range in

[SELBY, P. J. (contd.)]

the watermarks of the various editions. Vol. I was issued in 8 parts and vol. II in 11 parts. According to Bernard Quaritch the elder, many of the plates of the Edinburgh issues were colored by Daniel McNeé. Quaritch was at one time assistant to Henry Bohn who published the edition of 1841.

**** and JARDINE, W.

[1826-43]. Illustrations of ornithology. See JARDINE, W. and SELBY, P. J.

1835. The natural history of pigeons. *8vo.* pp. 15 + 228. 30 col. pl. *T. of c.* Edinburgh.

A volume in the famous *Naturalist's Library*, edited by William Jardine. In this particular edition Pigeons (as a section of gallinaceous birds) are assigned a separate part, the text consisting of a brief but sufficient description of the various species with their synonymy, habits, distribution, etc. The work is finely illustrated with the usual hand-colored plates. A biography of Pliny by A. Crichton introduces the monograph.

1836. Natural history of parrots. *8vo.* pp. 15 + 207. 30 col. pl. *T. of c.* Edinburgh.

A very attractive and popular volume of the *Naturalist's Library* series. A condensed natural history of the Psittacidae with their synonymy is given in remarkable detail, preceded by a memoir of Thomas Bewick.

1840. A catalogue of the generic and sub-generic types of the class aves, birds, arranged according to the natural system; with separate lists distinguishing the various quarters of the globe in which they are to be procured. *8vo.* pp. 4 + 70. Newcastle.

This rare pamphlet (from the Reichenow collection in the E.S.W. Library) is of importance because it probably antedates Gray's List, and is one of the fundamentals, to be consulted by the advanced ornithologist in his study of the synonymy of species. The catalogue introduces several new names of well-known, accepted genera.

1841. [Illustrations of British ornithology.] Plates to Selby's illustrations of British ornithology. 2 vols. *el. folio.* 222 col. pl. Published by Henry G. Bohn. Vol. I, *enr. tit. (col.)*. 93 pl. (89 col.). Vol. II, *enr. tit. (col.)*. 129 pl. (col.). London.

This edition is the reissue commonly known as Bohn's reprint. It differs from the (1821)-34 edition, in having the engraved titles colored, instead of plain; otherwise the number of plates in both volumes is the same.

SELENKA, EMIL [1842-1902].

1859-97. See BRONN, H. G., Die Klassen, etc.

1883-1903. Studien über die Entwicklungsgeschichte der Thiere. 4to. Wiesbaden.

Five volumes of this monumental work on faunal embryology and development were issued to 1892, and further continuation was provided after the death of the author in 1902. It is a work that in its complete form should be on the shelves of every advanced natural history library. Hefte I-X are the work of Selenka, subsequent parts form the posthumous portion.

SELOUS, EDMUND.

1901. Beautiful birds. *12mo.* pp. 10 + 224 + (1). 13 pl. London.

Simple tales of beautiful birds that evidence the cruelty of killing them for the sake of their feathers, when those of the Ostrich raised on farms answer all useful purposes.

1901. Bird watching [in the British Isles]. *8vo.* pp. 11 + 347. pl. and text-figs. index. London.

A reliable, popular, and interesting book.

1905. Bird life glimpses. *8vo.* pp. 8 + 355. 6 pl. text-figs. London.

1905. The bird watcher in the Shetlands. *8vo.* pp. 10 + 388. 10 pl. index. London.

1911-13. The British bird book. See KIRKMAN, F. B. B.

1927. Realities of bird life. *8vo.* pp. 16 + 350. index. London.

1931. Thought Transference (or What?) in Birds. *8vo.* pp. 11 + 225. London.

SELOUS, FREDERICK COURTENEY [1851-].

1893. Travel and adventure in South-East Africa. *8vo.* pp. 18 + 503. 23 pl. 35 figs. index. London.

1901-2. See CORNISH, C. J., ed.

SELYS-LONGCHAMPS, MICHEL EDMOND DE [1813-1900].

1842. Fauna Belge, 1^{re} Partie, etc. *8vo.* pp. 12 + 310. 9 col. pl. Liège and Bruxelles.

This treatise does not appear to have been completed. It undertook an 'indication méthodique' of all the Belgian vertebrates from the earliest times to the present.

1846. Sur les oiseaux américains admis dans la faune européenne. *8vo.* pp. 18. Liège.

Author's reprint from *Mémoires de la Société royale des sciences de Liège*, vol. 5.

1879. Sur la classification des oiseaux depuis Linné. *8vo.* pp. 85. Bruzelles.

1906-10. Collections zoologiques; catalogue systématique et descriptif, publié par les soins de ses fils, [etc.]. Fasc. 1-31. 1 vol. folio. pl. Bruzelles.

SEMI-ANNUAL, THE. A semi-annual review for students of Ornithology and Oology.

Edited by Lynds Jones, Oberlin, Ohio.

1889-91. (All pub.) Continuation of *The Ornithologists' and Oologists' Semi-Annual*.

This magazine was the organ of the Wilson Ornithological Chapter of the Agassiz Association. It was continued as *The Wilson Quarterly*.

SEMON, RICHARD WOLFGANG [1859-1918].

1893-1913. Zoologische Forschungsreisen in Australien und dem Malayischen Archipel, etc. Vols. I-V. 4to. Jena.

The reports of the author's expeditions into the coastal wilds of Australia and Malaysia were published as serials extending over ten years. They form important contributions to the vertebrate zoology of the explored regions.

1899. In the Australian bush and on the coast of the Coral Sea; being the experiences and observations of a naturalist in Australia, New Guinea and the Moluccas. *8vo.* pp. 15 + 552. 86 figs. 4 maps. append. index. London and New York.

The English translation of the author's *Im Australischen Busch*, etc., published in 1896 (second edition, 1903), Leipzig.

1920. Die Mneme als erhaltendes Prinzip im Wechsel des organischen Geschehens. 5th ed. *8vo.* pp. 20 + 420. illust. Leipzig.

1922. Die mnemischen Empfindungen in ihren Beziehungen zu den Originalempfindungen; erste Fortsetzung der 'Mneme'. 2nd ed. *8vo.* pp. 16 + 392. illust. Leipzig.

SEMPER, CARL GOTTFRIED [1832-93].

1876. Der Haeckelismus in der Zoologie. *8vo.* pp. 36. Hamburg.

1881. The natural conditions of existence as they affect animal life. *8vo.* pp. xvi + 472. 106 figs. 2 maps. index. London.

Vol. XXXI of the *International Scientific Series*.

die

Kemper. 1876. Strobilation und Segmentation, Versuch zur Feststell. spec. Homologien zwischen Vertebraten, Anneliden und Arthropoden. 11 pls. Hamburg.

→ 1913. Lives of the hunted. 200 illus.

**SENCKENBERGISCHE NATURFOR-
SCHENDE GESELLSCHAFT.***Frankfurt-a-M.*

- 1854-date. Abhandlungen.
1829-69. Bericht.
1869-date. Bericht.
1834-45. Museum Senckenbergianum.
1918-date. Senckenbergiana.

SENECA, LUCIUS ANNAEUS [4 B.C.-A.D. 65].1522. *Naturalium Quaestionum Libri VII.*

In this dissertation the Roman philosopher discusses many natural history problems. The copy in hand is an Aldine edition, once in the library of the Doge Marco Foscarini and stamped with his arms.

1614. *The Workes of Lucius Annaeus Seneca, both Morall and Naturall.* Tr. by Tho. Lodge. folio. [O.]. London.

A second edition, also containing his observations on animal life, appeared in 1620.

SENNERT, DANIEL [1572-1637].1618. *Epitome naturalis scientiae, etc.* ?Venice.

There were several editions of this naturalist's writings, none of them listed in the *Cat. Br. Mus. (Nat. Hist.)*. The above seems to be the (short) title of the *editio princeps*.

1651. *Epitome naturalis scientiae.* folio. pp. 88. Venetiis.

Part of the author's larger work. From Dean Adams' Library.

SENNETT, GEORGE B. and COUES, ELLIOTT.

1878. *Notes on the ornithology of the Lower Rio Grande of Texas, from observations made during the season of 1877.* 8vo. pp. 66. Washington.

The result of the trip was the securing of over 500 birds, three of which were new to our fauna and one new to science; about a thousand eggs, many of which were also new or rare, and a few interesting mammals. The copy in hand is the authors' edition, presentation copy autographed.

1879. *Further notes on the ornithology of the Lower Rio Grande of Texas, from observations made during the spring of 1878.* 8vo. pp. 371-440. Washington.

Authors' autographed edition. The results of this second expedition were 500 birds, including a large majority of the 168 species observed (five new to science); 1,400 eggs, nearly all rare, and some entirely new, together with a few mammals and reptiles.

SEPARATES.

In the McGill libraries there are many thousands of separates (extracts, excerpts) or reprints of articles in periodicals, serials, encyclopedias and other works relating to zoology. The majority of these are bound, indexed, and their titles filed in carded repositories, and are thus available as distinct heads to students. In some instances, when the original source is not available or difficult of access, the headings have been printed and in some instances annotated in this *Catalogue*. As a rule, however, these captions have been confined to authors' separately issued copies. Most of the pamphlets have belonged to collections made by such men as P. L. Sclater, Reichenow, Cabanis, J. A. Allen, A. H. Clark, et al.

Many tractates have manuscript and marginal notations; still more are interesting, autographed presentations from one zoologist to another.

SEPP, CHRISTIAAN. 1770-1829. See NOZEMAN, CORNELIUS.

SERAO, FRANCESCO [1702-83].

1766. *Opuscoli di fisico argomento; I. Descrizione dell'Elefante. II. Saggio di considerazioni anatomiche fatte su d'un Leone. III. Osservazioni sopra un fenomeno occorso nell'aprire un Cinghiale.* 4to. pp. 12+99. illust. Napoli.

The first part is a rare early monograph on the Elephant; the two others deal with the lion and the wild hog. A contribution to comparative zoology.

SERRES, PIERRE MICHEL TOUSSAINT DE [1780-1862].

1842. *Des causes des Migrations des Animaux... des Oiseaux et des Poissons.* 4to. pp. 4+322. Haarlem.

A standard work on animal migration.

SETH-SMITH, DAVID [1875-].

1902-3. *Parrakeets: a handbook to the imported species.* 8vo. pp. 18+281. 20 pl. (col.). 24 figs. append. 2 indexes. London.

Issued in six parts—a treatise on 131 species of captive birds with descriptions of their habits in life and in captivity. A second revised edition was issued in 1926.

1926. *Parrakeets; a handbook to the imported species.* Revised ed. 4to. pp. 18+295. London.

On 162 species of captive birds, with a discussion of their systematic relations. The trade names are also given, a useful feature ignored by most handbooks. The illustrations are very good, and are the same as those employed in the first edition. The copy in hand has inlaid an A.L.S. to Dr. Casey Wood.

SETON, ERNEST THOMPSON [1860-].

1891. *The birds of Manitoba.* 8vo. pp. 87. map. bibliogr. index. Washington.

A well-annotated list of 266 species. Author's reprint from the *U.S. Nat. Mus. Proc.*, vol. xiii.

**** and **HOFFMANN, RALPH.**

1901. [Twenty] *Bird portraits.* 4to. pp. 40. 20 pl. T. of c. Boston.

1909. *Fauna of Manitoba.* 16mo. pp. 47. Winnipeg.

Special reprint from *British Association Handbook*, Winnipeg, 1909. The mammals occupy pp. 3-11 (59 species); an annotated list of birds (268 species), pp. 11-47.

1909. *Life-histories of Northern Animals. An account of the mammals of Manitoba.* Vol. 1, Grass-eaters, pp. xxx+673. 46 pl. 182 figs. Vol. 2, Flesh-eaters, pp. xii+677-1267. pl. 47-100. figs. 183-266. 68 maps. New York.

1911. *The Arctic Prairies.* 8vo. Toronto.

1929. *Lives of game animals; an account of land animals... north of the Mexican border.* 4 vols. 4to. illust. pl. Garden City.

A well-illustrated, rather popular work, the copy in hand issued as an *édition de luxe*.

n.d. *The Book of Woodcraft.*

An interesting book on outdoor life, by this popular writer.

SETON, GEORGE [1822-1908].

1878. *St. Kilda, past and present.* 4to. pp. xv+346. 12 pl. (2 maps). 1 fig. T. of c. addend. Edinburgh.

SETTERWALL, CARL GUSTAF [1872-].

1901. *Studier öfver syrinx hos polymyoda Passeres.* 4to. pp. 128. 7 pl. Lund.

SEVERINI, JANOS [1716-89].

1779. Tentamen zoologiae Hungaricae; seu Historiae animalium quorum magnam partem alit Hungaria. 8vo. pp. 111. *Posonii.*

SEVERINUS, MARCUS AURELIUS [1580-1656].

1644-61. Antiperipatias hoc est adversus Aristoteles de respiratione piscium, etc. 2 pts. folio. pp. 10+128+70. *Naples and Amsterdam.*

This curious mixture of essays on fishes, seals, turtles, etc. seems to have been printed at different dates, bound when the printing was complete, and the resulting volume given imprint and date (generally 1661, Amstelodami) at different times and places. However, it is an interesting and valuable contribution to zoological literature.

1645. Zootomia democritaea id est Anatomie generalis totius animantium opificii. 4to. front. 11 ll. including 2 portr. pp. 408. 17 ll. many woodcuts in the text. *Noribergae.*

This is the first printed book to deal exclusively with Zootomy. It is exceedingly rare.

1650. Vipera Pythia. Id est, De Viperae Natura, etc. [O.] *Patavii, Ill.*

SEVERTZOW, SEWERTZOW, SEWERZOW. See SYEVERTZOV.**SEWARD, ALBERT CHARLES** [1863-].

1909. Darwin and modern science; essays in commemoration of the centenary of the birth of Charles Darwin and of the fiftieth anniversary of the publication of the 'Origin of Species'. 8vo. pp. 17+595. 3 pl. (1 col.). portr. text-figs. *Cambridge.*

SHACKLETON, ERNEST HENRY [1874-1922].

1909. The heart of the Antarctic; being the story of the British Antarctic expedition 1907-1909. 2 vols. 8vo. Vol. I, pp. xviii+372. 112 pl. (6 col., 2 fold.). 11 figs. Vol. II, pp. xv+419. front. 104 pl. (6 col., 2 fold.). 3 maps (col. fold.). 10 append. index. *London.*

Appendix I, vol. II, contains Notes on the Biology by J. Murray. Here the life of the penguins is described, accompanied by 35 illustrations. There is, also, in the Blacker Library, a large paper, special edition autographed by the editor.

1909. The heart of the Antarctic; being the story of the British Antarctic expedition 1907-1909. 2 vols. 8vo. *Philadelphia.*

The American edition, differing in no essential from the original edition published in London in 1909.

1911. In the Antarctic. 8vo. illust. *London.*
Interesting descriptions of the birds and other South Polar animals.

SHĀHMARDĀN B. ABĪ'L-KHAYR.

1404. (A.H. 807.) Nuzhat-nāma-i-'Ala'i.

The above title represents one of the three remaining copies of a celebrated encyclopedia of the flora, fauna, and other natural history objects known to the medieval Persians. It was dedicated by the author to a prince of the Banū Kakuya dynasty, 'Alā'u'd-dawla Abū Kālinjār Garshāsp b. 'Alī b. Farāmūr, who ruled A.D. 1095-1119. The oldest (A.D. 1304) and most complete copy of the treatise is in the Bodleian Library (H. Ethé's Cat., No. 1480); the second one, described in W. Pertsch's Catalogue, No. 10, dates from the beginning of the fifteenth century, the present copy is in the Blacker Library of Zoology. It is not quite complete but all the zoological parts are intact and, very important, it is illustrated by well-drawn colored figures. Considering that it is well over 500 years old this priceless manuscript is in a good state of preservation. The Asiatic Soc. (Ivanow's Cat., 1924, No. 1358) of Bengal and the Vienna copy (Flügel's Cat., No. 1449) contain only short extracts from the Nuzhat-nāma. See also FARĀH-NĀMA.

SHAKESPEARE, NATURAL HISTORY OF.

1877. See MAYOU, BESSIE.

SHARAF.

1928. English-Arabic Dict. of Medicine, Biology and Allied Sciences. *Cairo.*

SHARP, DAVID [1840-].

1888. The walks abroad of two young naturalists. See BEAUGRAND, C.

SHARP, GRANVILLE.

1903. Birds in the garden; studies with a camera. pp. 11+109. 107 figs. *London.*

SHARPE, RICHARD BOWDLER [1847-1909].

1844-1875. The zoology of the voyage of H.M.S. Erebus and Terror, etc. See RICHARDSON, JOHN.

1868-71. A monograph of the *Alcedinidæ*: or, family of kingfishers. 4to. pp. 71+80+304+11. 122 pl. (121 col.). 2 figs. index. *London.*

The work appeared in 15 parts, the dates of which are given by Coues. The plates are unnumbered, and the chapter on the anatomy stops abruptly at p. 80; otherwise a useful and beautifully illustrated treatise.

1871. Catalogue of African birds [703 species] in the collection of R. B. Sharpe. 8vo. pp. iv+76. index. *London.*

1871-90. A history of the birds of Europe. See DRESSER, H. E.

****** and others.**

1874-98. Catalogue of the birds in the British museum. 27 vols. 8vo. 387 col. pl. Zoology. [Aves.] *London.*

Every authority agrees that this is the most useful, as it is the most important, of all the works in any language on systematic ornithology. It furnishes a complete list of every bird not only in the immense collections of the British Museum but of numerous public and private museums elsewhere. Distribution, synonymy, essential illustrations, both colored prints and cuts in the text, are given, all combining to make this magnificent enterprise of the greatest value to every class of ornithological students. Bowdler Sharpe himself wrote 14 volumes and was appointed to edit all of the others. The titles of the latter are listed under the respective authors' names in this *Catalogue*.

1875. The birds of the globe. 8vo. pp. 23. *Manchester.*

A public lecture, as it appeared in an author's reprint.

1875-88. The birds of New Guinea and the adjacent Papuan Islands. See GOULD, J.

[1878]. On the geographical distribution of the Accipitres. Pt. 1. The vulturidae. 8vo. pp. 26. 9 col. maps. *London.*

Author's excerpt from the *Journal of the Linnean Society, Zoology*, vol. 13.

1878-91. See SCIENTIFIC RESULTS SECOND YARKAND MISSION.

1879. See ROYAL SOCIETY OF LONDON.

1879-1915. See GODMAN and SALVIN, *Biologia Centrali-Americana*.

1880. A contribution to the avifauna of the Sulu Islands. See BURBIDGE, F. W.

1880-[1]. Monograph of the Pittidae. See GOULD, J.

1880-7. A monograph of the trochilidae, or family of humming-birds. See GOULD, J.

1882-3. The birds of Asia. See GOULD, JOHN.

1881. See GUENTHER, A. C. L. G.

1881-2. Report on the zoological collections made in the Indo-Pacific ocean, etc. See BRITISH MUSEUM.

See p. 564

where is this? I admit find any other reference to it

CATALOGUE OF THE LIBRARY OF THE UNIVERSITY OF TORONTO

1847. A history of the city of Toronto, Ontario, Canada, from its first settlement in 1793 to the present time. By J. H. Colborne. Toronto: J. H. Colborne, 1847.

1848. A history of the city of Toronto, Ontario, Canada, from its first settlement in 1793 to the present time. By J. H. Colborne. Toronto: J. H. Colborne, 1848.

1849. A history of the city of Toronto, Ontario, Canada, from its first settlement in 1793 to the present time. By J. H. Colborne. Toronto: J. H. Colborne, 1849.

1850. A history of the city of Toronto, Ontario, Canada, from its first settlement in 1793 to the present time. By J. H. Colborne. Toronto: J. H. Colborne, 1850.

1851. A history of the city of Toronto, Ontario, Canada, from its first settlement in 1793 to the present time. By J. H. Colborne. Toronto: J. H. Colborne, 1851.

1852. A history of the city of Toronto, Ontario, Canada, from its first settlement in 1793 to the present time. By J. H. Colborne. Toronto: J. H. Colborne, 1852.

1853. A history of the city of Toronto, Ontario, Canada, from its first settlement in 1793 to the present time. By J. H. Colborne. Toronto: J. H. Colborne, 1853.

1854. A history of the city of Toronto, Ontario, Canada, from its first settlement in 1793 to the present time. By J. H. Colborne. Toronto: J. H. Colborne, 1854.

1855. A history of the city of Toronto, Ontario, Canada, from its first settlement in 1793 to the present time. By J. H. Colborne. Toronto: J. H. Colborne, 1855.

1856. A history of the city of Toronto, Ontario, Canada, from its first settlement in 1793 to the present time. By J. H. Colborne. Toronto: J. H. Colborne, 1856.

1857. A history of the city of Toronto, Ontario, Canada, from its first settlement in 1793 to the present time. By J. H. Colborne. Toronto: J. H. Colborne, 1857.

1858. A history of the city of Toronto, Ontario, Canada, from its first settlement in 1793 to the present time. By J. H. Colborne. Toronto: J. H. Colborne, 1858.

Stott, G. B. 1858. The history of the city of Toronto, Ontario, Canada, from its first settlement in 1793 to the present time. Toronto: J. H. Colborne, 1858.

1895. A chapter on birds, rare British visitors. 18 col. pls. London.

Shattuck, Geo. B. 1905. The Bahama Islands. 4to. col. pl. & figs. pp. 662. ^{New York}

**** and OATES, FRANK.

1881. Matabele land and the Victoria Falls from the letters and journals of the late Frank Oates. Appendix II. Ornithology. pp. 36. 2 pl. (col.). map. London.

A second edition appeared in 1889.

1883. The young collector's handbook of British birds. 18mo. pp. 32. 6 figs. London.

1883. See ANONYMOUS. [List of British Birds.]

1883-5. See SCIENCE LECTURES.

**** and DUNCAN, P. MARTIN.

1883-9. Cassell's Natural History. Edited by P. Martin Duncan. 6 vols. 4to. Vols. III and IV, Aves, by R. Bowdler Sharpe. London.

The volumes of the *History* are sometimes published or sold separately. There is another edition with slightly altered introduction and without date.

**** and WYATT, CLAUDE WILMOTT.

1885-94. A monograph of the *Hirundinidæ* or family of swallows. 2 vols. 4to. Vol. I, pp. lxx + 354. 53 pl. (9 col.). 11 maps. 1 fig. bibliogr. Vol. II, pp. viii + 357-673. 50 pl. (6 col.). 15 maps. 1 fig. append. index. London.

A monograph (issued in 20 parts) of all the known species of swallows, with 103 fine plates by the junior author, only 15 of which are colored, however, although in the edition published by Henry Sotheran & Co. apparently all are colored.

1888. Birds in nature. 4to. pp. vi + 78. 39 col. pl. 78 figs. London.

1888. List of [my] works and essays on ornithology. 8vo. pp. 15. London.

[1888]. See FERNANDO DE NORONHA.

1889. Matabele land and the Victoria Falls. See OATES, FRANK.

1889-90. The Ornithology of Northern Borneo—Collection of 7 Papers, in 1 vol. 9 col. pl.

Separately bound, constituting almost a complete account (from *Ibis*) of the Aves.

1890. (The) ornithological work of J. S. Jameson. See JAMESON, J. S.

1891. Scientific results of the second Yarkand mission. See STOLICZKA, FERDINAND.

1891. A Review of recent attempts to classify birds. 8vo. pp. 90. 3 pl. illust. text. Budapest. An address before the *Second Intern. Cong. of Ornithology*.

1891. Catalogue of the specimens illustrating the osteology of vertebrated animals, recent and extinct, contained in the museum of the Royal College of Surgeons of England. Part III. Class Aves. 4to. pp. lvii + 469. 49 figs. append. 2 indexes. London.

The volume in hand is the author's own copy with his signature and a letter attached from R. W. Shufeldt praising the work. From the Mullens Library.

1891-8. Monograph of the *Paradiseidæ*, or birds of paradise and *Ptilonorhynchidæ*, or bower-birds. 2 vols. folio. Vol. I, 39 col. pl. append. Vol. II, pp. 6 + 104. 40 col. pl. 6 figs. London.

A splendid monograph issued in eight parts, with hand-colored plates by J. Gould and W. Hart.

1893. An analytical index to the works of the late John Gould. 4to. pp. 48 + 375. portr. London.

1894-7. A hand-book to the birds of Great Britain. 4 vols. 8vo. illust. (Allen's Naturalist's Library.) London.

1896. Coloured figures of the eggs of British birds. See SEEBOHM, HENRY.

1896-7. A hand-book to the birds of Great Britain. 4 vols. 8vo. illust. (Lloyd's Natural History. Edited by R. B. Sharpe.) London.

The general text seems to be the same as that in Allen's Naturalist's Library, 1894-7, but the pagination and introductory matter in vols. 1 and 2 is somewhat different.

1897. See LYDEKKER, R.

1898. Royal Natural History. Vols. 3 and 4 devoted to Birds. illust. London.

One of the best popular works on the subject.

**** and LYDON, C.

1898. Sketch-book of [445 species of] British birds. 8vo. pp. 20 + 255. front. (col.). 305 figs. (col.). 1 diagr. index. London.

[1898]. Wonders of the bird world. 8vo. pp. 16 + 399. illust. index. London and New York.

1899-1909. Hand-List of the Genera and Species of Birds in the British Museum. 5 vols. General Index, by W. R. Ogilvie-Grant, 1912, together 6 vols. 8vo. London.

A famous textbook, essential to all zoological libraries.

1900. Aves. See ANDREWS, C. W.

1900. The natural history and antiquities of Selborne. See WHITE, GILBERT.

1901-12. Catalogue of the Collection of Birds' Eggs in the British Museum. 5 vols. 8vo. 79 col. pl. London.

1902. See BR. MUSEUM (NAT. HIST.), 'SOUTHERN CROSS'.

1902. A monograph of the Turdidae. See SEEBOHM, HENRY.

1904. The Concise Knowledge of Natural History. See LYDEKKER, R. and others.

1904-12. Reports of the Princeton University expeditions to Patagonia. See SCOTT, W. B.

1907-10. See GODMAN, F. D.

n.d. On the birds collected by Prof. J. B. Steere in the Philippine Archipelago. Author's excerpt from *Trans. Linnean Soc.*, Series 2, Zoology. Vol. I. folio. pp. 49. pl. London.

SHAVER, NELLIE E.

1918. A nest study of the Maryland yellow-throat. 8vo. pp. 12. 4 pl. (8 figs.). Iowa City, Iowa. Author's excerpt from the *University of Iowa Studies in Natural History*.

SHAW, GEORGE [1751-1813] and NODDER, F. P.

[1789-1813]. The naturalists' miscellany: or Coloured figures of natural objects; drawn and described immediately from nature. 24 vols. 8vo. Vols. I-XXIV, 1,064 pl. (col., 282 of birds). 2 indexes. London.

This remarkable serial was originally issued in 267 numbers, the text in Latin and English, the pages unnumbered. In the present

[SHAW, G. (contd.)]

copy 282 of the colored plates relate to birds. These are accompanied by a description of the generic and specific characters of each species, followed by a short, general description of range, etc. Vols. 1-12 are by Shaw and F. P. Nodder; 13-24 by Shaw and E. and R. P. Nodder. The work was continued by W. E. Leach and R. P. Nodder as the *Zoological Miscellany*, 1814-17.

1790. *Vivarium Naturae or the Naturalist's Miscellany*. Figs. by Nodder. 12 vols. in 6. 8vo. 492 hand-col. pl. (137 of birds). London.

This is a separately issued edition of a section of *The Naturalists' Miscellany*, 1789-1913.

[? 1791]. Original drawings made expressly to illustrate George Shaw's *Museum Leverianum* by C. R. Ryley and others. 100 folio sheets in portfolio.

This unique collection has been described under ORIGINAL DRAWINGS, and elsewhere referred to in this Introduction.

1792-6. *Museum Leverianum*, containing select specimens from the museum of the late Sir Ashton Lever; with descriptions in Latin and English. Pts. I-VI. 4to. 72 col. pl. letterpress. London.

The copy in hand of this well-known catalogue has an extra title-page, 'Musaei Leveriani Explicatio'. Part VI has its separate title-page and pagination.

1794. *Zoology of New Holland; the figures by James Sowerby*. folio. col. pl. London.

Colored plates of mammals and birds interspersed, together with one plate each of fish, tortoise, snake, and lobster. This must be an extremely rare work, in which were probably utilized some of the figures from the author's *Speculum Linnaeanum* for which James Sowerby made the illustrations.

1796. *Cimelia physica*. Figures of rare and curious quadrupeds, birds, &c. together with several of the most elegant plants. Engraved and coloured from the subjects themselves by John Frederick Miller. folio. pp. 2+106. 70 col. pl. See also MILLER, J. F. London.

1800-26. *General zoology, or Systematic natural history*. 14 vols. in 28. 8vo. Vols. I-XI paged continuously. London.

CONTENTS. Vols. I-II. Mammalia, 1880-1. III. Amphibia, 1802. IV-V. Pisces, 1803-4. VI. Insecta, 1806. VII-VIII. Aves, 1809-12. IX-XIV, pt. 1. Aves, by J. F. Stephens, 1815-26. [XIV, pt. 2]. General index to the zoology, by G. Shaw and J. F. Stephens, 1826.

After the death of Dr. Shaw the text for the Aves, vols. IX-XIV, was written by J. F. Stephens. The 505 plates for this portion of the work were engraved principally by Mrs. Griffiths.

1809. [Twelve] *Zoological lectures delivered at the Royal institution in the years 1806 and 1807*. 2 vols. 8vo. Vol. I, pp. xiv+248. 87 pl. Vol. II, pp. iv+225. 80 pl. London.

SHAW, G. F.

1819. *A history of the earth and animated nature*. See GOLDSMITH, OLIVER.

SHAW, L. H. DE VISME.

1903. *Snipe and woodcock; with chapters on snipe and woodcock in Ireland*, by Richard J. Ussher, cookery, by Alexander Innes Shand. 8vo. pp. viii+298. 8 pl. 2 figs. London.

Another of the *Fur and Feather Series* edited by Alfred E. T. Watson, the present and succeeding title heading a combined natural history and sportsman's cookery book!

1905. *Wild-fowl; chapters on shooting the duck and the goose*, by W. H. Pope. Cookery by A. I. Shand. 8vo. pp. 8+278. 8 pl. London.

SHAW, THOMAS [1694-1751].

1738. *Travels, or Observations relating to several parts of Barbary and the Levant*. 4 pls. folio. pp. 15+442+60. illust. Oxford.

The pagination is continuous but the several parts have separate tables of contents. Includes observations on birds in the countries visited and notes on the sacred animals of Egypt.

SHAW, V.

n.d. *The Illustrated Book of the Dog*. 28 col. pl. London.

SHAW, WILLIAM THOMAS [1873-].

1908. *The China or Denny pheasant in Oregon, with notes on the native grouse of the Pacific Northwest*. 8vo. pp. 24. 15 pl. Philadelphia.

1927. *Mammals and birds of Mount Rainier National Park*. See TAYLOR, WALTER PENN.

SHELFORD, ROBERT WALTER CAMPBELL [1872-1912].

[1916]. *A naturalist in Borneo, with a biographical introduction by Edward B. Poulton*. 8vo. pp. xxvii+331. 32 pl. index. London.

Notes and memories of seven years (1897-1904) in Borneo written during a long illness which culminated in the author's death. Chapter II, pp. 49-73, contains Bird-notes, with three plates of illustrations.

SHELLEY, GEORGE ERNEST [1840-1910].

1872. *A handbook to the birds of Egypt*. 8vo. pp. viii+342. 14 pl. (col.). index. London.

The information in this excellent work is derived chiefly from a collection of nearly a thousand skins of birds.

1876-80. (A) *monograph of the Nectariniidæ, or family of sunbirds*. 4to. pp. 108+393. 121 col. pl. index. London.

An important monograph which appeared in 12 parts. A total of 138 species of the group are recognized, all of which, except one, are figured on fine hand-colored plates by J. G. Keulemans, who was himself acquainted with these small birds in their native haunts, and whose notes on the Sun-birds inhabiting Prince's Island have been incorporated in the work. The original title of the work was *A monograph of the Cinnnyridæ*, etc., but it was later changed. Two new genera and ten new species are described, and tables of geographical distribution of the whole group are provided.

1886. See JOHNSTON, H. H.

1888. See JAMES, F. L.

1891. See SCLATER, P. L.

**** and SCLATER, WILLIAM LUTLEY.

1896-1912. *The birds of Africa, comprising all the species which occur in the Ethiopian region*. 5 vols. 8vo. pp. 502. num. col. pl. indexes. London.

A comprehensive review of the birds of Africa and surrounding islands, excepting 'those countries bordering on the Mediterranean and eastward of the Red Sea'. Many new genera are described, and the plates by Grönvold are excellent. The work was published in eight parts; completed after the author's death by W. L. Sclater.

SHÊN T'UNG 沈彤 [18th cent.].

1884. *Shih ku 釋骨; A description of the human & animal skeleton*. pp. 8. (In *Yü han shan fang chi i shu 玉丞山房輯佚書*. 20×12.6 cm. [G.]

SHEPHERD, CHARLES WILLIAM.

1907. *Notes on the birds of Kent*. See BALSTON, R. J.

- 7 Shearer, Cresswell. Renaissance of architecture in So. Italy. Fred 11
1935.
- 1799^R 137 Original drawings [with a few prints of same] to illustrate the Naturalists miscellany
[see 1789-1813] of Shaw & Nodder. 2 vols. [9 $\frac{1}{2}$ " x 7"] old calf. Bst from Dulau, London. Oct 10/31
- 7 Shelford, Victor E. Animal Communities in Temperate America. Chicago.
ditto. 1829. Laboratory and Field Ecology. Balto.

Shield, George. See British Birds (Magazine) Vol. 21. p. 270. ++ -

→ Shipley, Sir G. 1923. Life in animals, etc.

SHEPHERD, J. A.

1926. A Frolic around the Zoo. Being the adventures of Blinx and Bunda. *London.*

The author is rightly famous for his humorous animal studies, and in this volume he has given his sense of humour full rein. These drawings show the emotions, passions, and manners of the birds and beasts encountered in the ramble through the Zoo.

SHEPPARD, REVETT.

1824. A catalogue of the Norfolk and Suffolk birds. *4to. pp. 61. London.*

SHEPSTONE, H. J.

1931. Wild beast to-day. *8vo. pp. 254. 106 figs. London.*

SHERBORN, CHARLES DAVIES [1861-]

1890. See WOODWARD, ARTHUR S.

1899. An Index to the generic and trivial names of Animals, described by Linnaeus, in the 10th and 12th editions of his 'Systema Naturae'. *8vo. pp. 8+108. Museum Handbook, Owens College, Manchester. London.*

A small but very useful work for the systematist, indispensable for the advanced student.

1899. See LINNAEUS, CARL.

1902. Index animalium: sive, Index nominum quae ab A.D. MDCCLVIII generalibus et speciebus animalium imposita sunt, societatibus eruditorum adiuvantibus. *8vo. pp. 1,195. Pars prima. Covers the period 1758-1800.*

1903-30. Index animalium. Pts. 1-14. *8vo. Pars secunda, 1801-50. A- laminella. London.*

Aims to list all generic and specific names applied by authors to animals since the publication of the tenth edition of Linnaeus' *Systema Naturae* in 1758, with exact reference to the work in which the name is used. A monumental contribution to animal classification, the result of many years of painstaking effort on the part of the erudite compiler. It is a necessary work of reference in every well-equipped library.

SHIELD, GEORGE [1804-1880]

ca. 1840. Ornithologia Britannica. *folio. 6 col. pl. No text. Engraved by T. Aikman. (Wanting.) Ed.*

Excessively rare plates, whose history the Compiler could not trace.

SHIGEMASA.

1805. Flowers and Birds in Colors. (Signed Kitao Kosuisai.) Arranged in European Sequence. Vols. 1-3 (in 1). *Yedo.*

SHIPLEY, ARTHUR EVERETT [1861-1928].

1895-1909. The Cambridge Natural History. *8vo.*

This admirable series, whose valuable volumes on vertebrate zoology are listed in this Catalogue, was edited by A. E. Shipley and others.

****** and MacBRIDE, E. W.**

1901. Zoology; an elementary text-book. *8vo. pp. 21+632. 349 figs. index. New York.*

This first edition (same date as above) was published at Cambridge, England, with a second in 1904, a third in 1915, and a fourth in 1920, all of them in the McGill libraries.

1917. Studies in insect life and other essays. *8vo. pp. ix+338. 12 pl. 9 figs. index. London.*

1922-4. The fauna of British India. See BAKER, E. C. S.

SHIRAS, GEORGE [1859-]

[1918]. How birds can take their own portraits. See NATIONAL GEOGRAPHIC MAGAZINE.

SHIRLING, A. E.

1920. Birds of Swope Park, etc. *12mo. Kansas City, Mo.*

SHOEMAKER, HENRY W.

1919. The passenger pigeon in Pennsylvania. See FRENCH, J. C.

SHOOSMITH, F. H.

n.d. Nature study and the blackboard. (The Kingsway series.) *2 vols. 8vo. illust. London.*

SHORE, F. J.

1827-9. Manuscript Appendix to Latham's *Birds*, 1821-8, with 195 original water-colors of Indian birds. *3 vols. 4to. See also ORIGINAL DRAWINGS, Shore, F. J.*

SHORE, THOMAS WILLIAM [1840-1905]. 1908-11.

See HAMPSHIRE FIELD CLUB.

SHRINER, CHARLES ANTHONY [1853-]

1897. The birds of New Jersey. *8vo. pp. 212. 31 pl. 7 figs. Paterson, N.J.*

SHROPSHIRE ARCHAEOLOGICAL AND NATURAL HISTORY SOCIETY.

Shrewsbury.

1878-88. Transactions. Series 1.

1889-1900. Transactions. Series 2.

1901-10. Transactions. Series 3.

1911-date. Transactions. Series 4.

SHUCKARD, WILLIAM EDWARD [1802-68].

[1860?]. Chamber and cage birds. See BECHSTEIN, J. M. and BARNESBY, G. J.

1879. Another edition.

SHUFELDT, ROBERT WILSON [1850-]

1881. Osteology of *Lanius ludovicianus excubitorides*. *8vo. pp. 351-9. 1 pl. Author's ed. Washington.*

1881. Osteology of *Speotyto cunicularia* var. *hypogaea* and of *Eremophila alpestris*. *8vo. pp. 87-147. 4 pl. Author's ed. Washington.*

1882. Contributions to the anatomy of birds. *8vo. pp. 593-806. 25 pl. 51 figs. Washington.*

1887. Contributions to science and bibliographical résumé of the writings [123 titles] of R. W. Shufeldt, 1881-87. [By their author.] *8vo. pp. 20. New York.*

1887. A review of the muscles used in the classification of birds. *8vo. pp. 24. 13 figs. Author's reprint.*

1890. The myology of the raven (*Corvus corax sinuatus*). A guide to the study of the muscular system in birds. *8vo. pp. 19+343. 76 figs. bibliogr. index. London.*

One of the few monographs on the muscular system of birds. The Raven was chosen because it is representative of a numerous and cosmopolitan family of birds, the Corvidae.

1893-6. A dictionary of birds. See NEWTON, A.

1900. Chapters on the natural history of the United States. *8vo. pp. 472. 130 figs. index. New York.*

The first edition was published in 1897.

- [**SHUFELDT**, R. W. (*contd.*)]
1909. Osteology of birds. 8vo. pp. 381. *illustr.* (N.Y. State Museum, Bulletin 130.) Albany.
A very important work on the subject.
1914. Contribution to the study of the 'Tree-ducks' of the genus *Dendrocygna*. 8vo. pp. 70. 16 pl. (2 col.). Jena.
Author's reprint.
1915. Fossil birds in the Marsh collection of Yale University. 4to. pp. 109. 15 pl. New Haven.
- SHUMWAY**, WALDO [1891-].
1927. Vertebrate embryology; a text book for colleges and universities. 8vo. pp. viii+314. 195 figs. *index.* New York.
1928. The frog; a laboratory guide. 8vo. pp. 8+87. *illustr.* New York.
- SIAM.** See NATURAL HISTORY SOCIETY OF.
- SIAM SOCIETY, BANGKOK.**
1904-date. Journal.
- 1926-date. Journal—Natural History Supplement.
- SIBBALD**, ROBERT [1641-1722].
1684. Scotia illustrata sive Prodromus historiae naturalis in quo, etc. 3 vols. (pts.). folio. *illustr.* Edinburgh.
The plates illustrating animal life—'tam feris quam domesticis'—include an original illustration of the Loon, *Colymbus maximus stellatus*, the Greatest Diver, from the island of Ketham.
- SIBOGA-EXPEDITIE.**
1901-30. Uitkomsten op zoologisch botanisch, oceanographisch en geologisch gebied verzameld in Nederlandsch Oost-Indië, 1899-1900, uit gegeven door Max Weber. Livraison 1-106. folio. See also WEBER, M. C. W. Leiden.
- SIBREE**, JAMES [1836-].
- 1891-2. On the birds of Madagascar and their connection with native folk-lore, proverbs, and superstitions. 8vo. pp. 108. London.
Author's reprint from *Ibis*. The present volume is a presentation from the author to the Rev. Canon Tristram.
1915. A naturalist in Madagascar: a record of observation . . . of the animal life of the island. 8vo. pp. 320. 37 pl. 3 maps. *index.* London.
Sketches of animal life occur throughout the volume; 210 species of birds inhabit the island, nearly a seventh of which are rapacious.
- SIDDALL**, JOHN D.
1911. The formation of the Chester society of natural science, literature, and art, and an epitome of its subsequent history. 8vo. pp. 63. *illustr.* Chester.
- SIDEBOTHAM**, HELEN M.
[1927]. Mysteries of the zoo. pp. 191. 8 pl. T. of c. London.
- SIEBENBÜRGISCHER VEREIN FÜR NATURWISSENSCHAFTEN, HERMANNSTADT.**
1901-2. Abhandlungen.
1849-date. Verhandlungen und Mitteilungen.
- SIEBENROCK**, FRIEDRICH. 1906. See VOELTZKOW, ALFRED.
- SIEBERT**, G. 1901. See LYDEKKER, R.
- SIEBOLD**, KARL THEODOR ERNST VON [1804-85].
1863. Die süßwasserfische von Mitteleuropa. 8vo. pp. 8+430. 2 col. pl. *text-figs.* Leipzig.
A very important, systematic treatise on European freshwater fishes.
- SIEBOLD**, PHILIPP FRANZ VON [1796-1866] and others.
1833-50. Fauna Japonica, sive descriptio animalium, quae in itinere per Japoniam . . . 1823-30, etc. 6 vols. folio. Lugduni Batav.
This classic treatise, when complete, is very scarce, partly because it was irregularly issued over a period of 17 years. The author was assisted in its preparation by several distinguished naturalists, C. J. Temminck and H. Schlegel describing the Reptiles, a section with pp. 21+144, 27 pls., 1 map, 1833-8; Land Mammals by C. J. Temminck, pp. 59, and 20 pl. (1844). The remaining vertebrates are described and depicted by the author, i.e. Marine Mammals, pp. 26, 10 pl., 1844; Birds, pp. 141, 120 col. pl., 1844-50; Fishes, pp. 323, 160 col. pl., 1842-50. Various parts of this series have been published separately.
1850. Mammalia faunae Japonicae. folio. 30 col. pl. Lugduni Batav.
A rare and valuable work on Japanese mammals, illustrated with well-executed colored plates.
- SIEDHOF**, CARL FRIEDRICH WILHELM.
1845. Naturgeschichte der Stubenvögel Deutschlands. 8vo. pp. 16+360. 4 pl. Braunschweig.
- SIENA UNIVERSITÀ. Istituto Anatomico.**
See MONITORE ZOOLOGICO ITALIANO.
- SILCOX**, SIDNEY SHEDDON [1866-] and **STEVENSON**, O. J. [1869-].
1906. The nature study course. 8vo. pp. (6)+121. 7 figs. T. of c. 4 append. Toronto.
A manual of Nature Study courses (including all forms of animal life) suggestive to teachers in the various provinces of the Dominion of Canada. That for Ontario is given in Appendix A; for Manitoba in B, and for Nova Scotia in C.
1908. Modern nature study. 12mo. pp. 9+339. 12 pl. (col.). 350 figs. *bibliogr. index.* Toronto.
An excellent, popular manual on Nature Study divided into two parts.
- SILLIMAN'S JOURNAL OF SCIENCE.** See AMERICAN JOURNAL OF SCIENCE.
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1897. Sketches of some common birds. 8vo. pp. 331. 18 pl. T. of c. Cincinnati.
1901. Summer birds of Flathead Lake, Montana. 8vo. pp. 83. 16 pl. *index.* Missoula, Montana.
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1920. Guide to the summer birds of the Bear Mountain and Harriman Park sections of the Palisades Interstate Park, New York. 8vo. pp. 105. 33 figs. *index.* Syracuse, N.Y.
- SIM**, GEORGE [1835-1908].
1903. The vertebrate fauna of 'Dee'. 8vo. pp. 295. 8 pl. *bibliogr. index.* Aberdeen.
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SIEBERT, G. 1901. See LYDEKKER, R.
SIEBOLD, KARI. THURON, F.

activité fructueuse de médecin et de professeur à Nakasaki et à Dashina et il explora à fond la faune et la flore du pays. Les riches matériaux qu'il a collectionnés soigneusement, témoignent de l'étendue de son travail; de 1823 à 1828 il expédia à son gouvernement:

35 mammifères différents
187 préparations
188 oiseaux différents
827 peaux
28 reptiles différents
166 pièces
230 poissons différents
540 pièces

et en outre de nombreux mollusques crustacés et autres. Le fait que par la suite et malgré de nombreux voyages dans les parties du pays jusqu' alors fermées aux Européens, on n'ait guère pu enrichir la collection des mammifères de Siebold, montre combien consciencieuses ont été ses explorations.

Après son retour en 1830, il élaborait sur la

In diesen Jahren hat er in Nakasaki und Dashina als Arzt und Lehrer segensreich gewirkt und dabei die Fauna u. Flora gründlichst erforscht. Große Sammlungen zeugen von seinem Fleiße, hat er doch von 1823-1828 an die niederländische Regierung abgesandt:

35 verschiedene Säugtiere
187 Präparate
188 verschiedene Vögel
827 Bälge
28 verschied. Reptilien
166 Stück
230 verschiedene Fische
540 Stück

außerdem zahlr. Mollusken, Crustaceen, Insekten usw. Wie gründlich d. Sieboldsche Forschung war, geht z. B. daraus hervor, daß die von ihm gesammelte Säugetierfauna "trotz vieler Reisen durch Landesteile, welche den Europäern früher verschlossen waren, keine große Bereicherung erfahren hat".

Aus diesen Baustoffen entstanden, nachdem Sie

teacher in Nakasaki and Dashina, at the same time thoroughly investigating the fauna and flora of the country. Great collections bear witness to his industrious and able work. In the years 1823-1828, for example, he sent the government of the Netherlands:

187 preparations
of 35 different mammals,
827 stuffed birds
representing 188 different kinds,
166 specimens
of 28 different reptiles,
540 specimens
of 230 different fishes,

and, in addition, numerous Mollusca, Crustacea, Insects, etc. How inclusive the Siebold investigation was, is shown by the fact that his account of the mammals "has not been appreciably enriched up to the present, in spite of many journeys through parts of the country formerly closed to the European".

After Siebold had returned to the Netherlands

→ Siedel. Gefiederte Ritter der Luft, 1834.

→ Sigerist, H. G. + Howald, G. 1927. Corpus Medicarum Latinorum.
Vol. IV. Sexti Placiti Liber Medicinarum et Animalibus
pp. 347. Illust. Index. 8 Vo.

→ (Singer, Charles). 1931. The Story of Living Things. pp. 572.

→ Singer, D. J. 1916. Big game fields of North and South America. 800. col. front, ill.

SIMLA NATURALISTS' SOCIETY.

1885-6. Journal.

SIMON, EUGÈNE LOUIS [1838-].1921. Histoire naturelle des *Trochilidæ* (Synopsis et catalogue). 4to. pp. 6+416. Paris.This important contribution to our knowledge of humming-birds is a much enlarged successor of his *Catalogue*, 1897, to which the author refers in the preface. The work is divided into two parts—the first one, entitled *Synopsis*, gives a diagnostic description of genera and species, while the second part, *Catalogue*, furnishes a brief but sufficient systematic description of the different varieties, with a complete synonymy, range, etc.**SIMPSON, ALEXANDER NICOL.**

1905. Familiar Scottish birds. 16mo. pp. 160. T. of c. Paisley.

SIMPSON, J. C. 1909. See CAMBRIDGE UNIVERSITY.**SIMPSON-BAIKIE, EDWIN.**

[1878-9]. The international dictionary, for naturalists and sportsmen, in English, French, and German. 8vo. pp. 281. London.

A most useful dictionary, the general contents of which are set forth in the title.

SIMROTH, HEINRICH [1851-1923].

1891. Die Entstehung der Landtiere; ein biologischer Versuch. 8vo. pp. 8+492. illust. Leipzig.

1914. Die Pendulationstheorie. 2nd ed. 8vo. pp. 16+597. illust. Berlin.

SINCLAIR, WILLIAM JOHN [1877-].

1906. Marsupialia of the Santa Cruz beds. folio. pp. 128. illust. Princeton, N.J.

Author's separate from *Reports Princeton University Expeditions to Patagonia*, 1906.**SINEL, JOSEPH.**

1906. An Outline of the Natural History of our shores, etc. 8vo. pp. 16+347. 1 pl. text-figs. London.

SINGAPORE NATURALIST. (Singapore Natural History Society.)

1922-date. Includes Society's Proceedings and Transactions.

SINGER, CHARLES [1876-] and others.

1917-21. Studies in the History and Method of Science. 2 vols. [O.]

These studies include admirable chapters on Aristotle and Greek biology.

1927. The Herbal in Antiquity. 8vo. pp. 52. 10 col. pl. text illust. London.

Author's reprint from the *Journal of Hellenic Studies*, vol. xlvii, containing numerous reference to animals.**SINHALESE OLA** (Palm-leaf Manuscript).

ca. 1812. Natural history, with anatomical illustrations of serpents, fishes, monsters, etc. 4 × 2½ in. Modern covers (lacquered and painted after antique models), cord and button.

Sinhalese MS. literature contains very few texts on zoology, and this example is excessively rare. The author and scribe are both unknown, nor is there any indication of the place in which it was written.

SITGREAVES, LORENZO. 1853. See UNITED STATES. Report of an Expedition down the Zuni and Colorado Rivers.**SITZUNGSBERICHTE D. GESELLSCHAFT NATURFORSCHENDER FREUNDE, BERLIN.** 1839-date. See GESELLSCHAFT . . . FREUNDE.**SJÖSTEDT, BROR YNGVE** [1866-].

1895. Zur Ornithologie Kameruns, nebst . . . die Säugetiere, etc. 4to. pp. 120. 10 col. pl. Stockholm.

The above title forms Bd. XXVII, No. 1, of the *Handlingar, Svenska Vetenskaps-Akademien*, and is a useful contribution to the vertebrate zoology of the Cameroons.

1897. Reptilien aus Kamerun. 3 pl. Stockholm.

1910. Wissenschaftliche Ergebnisse der Schwedischen Zoologischen Expedition nach dem Kilimandjaro . . . Deutsch-Ostafrika, 1905-6, etc. 3 vols. 4to. pp. 2,328. 87 pl. text-figs. Stockholm.

This is one of the most valuable records of exploration into the wilds of East Africa we possess. The approaches and plateaux of the highest mountain in Africa are the habitat of many rare faunal and floral species described and depicted by the author and his colleagues. Authors' separates were issued (beginning with 1907) and are commonly met with. E. Lönnberg described the mammals, Bd. II, pp. 56, 1 pl.; birds by Y. Sjöstedt, Bd. III, pp. 173, 5 pl., illust. text; reptiles and batrachians, Bd. IV, pp. 28, 1 pl., and fishes, pp. 8, by E. Lönnberg. Most of the volumes are devoted to entomology.

SJÖSTEDT, Y. See SJÖSTEDT, B. Y.**SKANDINAVISKE NATURFORSKERES MOEDE.** Gothenburg.

1840-98. Forhandlingar.

SKERTCHLY, SYDNEY BARBER JOSIAH [1850-].

1878. See MILLER, SAMUEL HENRY.

1886. See TYLOR, ALFRED.

SKINNER, E. R.

1905. A list of the birds of British India. 8vo. pp. 44. St. Mary Cray, Kent.

SKINNER, JOSEPH.

1805. The Present State of Peru. 8vo. pp. 14+487. 1 col. pl. text-figs. index. London.

SKINNER, MILTON PHILO [1879-].

1928. A guide to the winter birds of the North Carolina sandhills. 8vo. pp. xiv+301. front. (col.). 14 pl. (13 col.). 30 figs. bibliogr. index. Albany.

SKOTTSBERG, CARL JOHAN FREDRIK [1880-] and **LÖNNBERG, EINAR.**

1920-4. The natural history of Juan Fernandez and Easter Island. 3 vols. 8vo. Vol. I, pp. 20. 15 pl. 3 figs. Vol. II, pp. 550. 33 pl. (3 col.). 165 figs. bibliogr. index. Vol. III, pp. 128. 5 pl. 39 figs. bibliogr. Uppsala.

General zoology is chiefly discussed in Vol. III. The portion devoted to ornithology of the two islands by Einar Lönnberg is in part 1 of vol. III, with four illustrations in the text.

SKOVGAARD, P.

1920. Den sorte Stork særlig i Danmark. 4to. pp. 56. 39 figs. 1 map. bibliogr. Viborg.

The Black Stork in Denmark, the north-westerly extremity of the range of *Ciconia nigra*, illustrated from photographs of the young birds in the nest at all stages.**SLANEY, ROBERT AGLIONBY** [1792-1862].

1833. An outline of the smaller British birds. 2nd ed. 8vo. pp. viii+168. 13 figs. T. of c. London.

- SLATER, HENRY HORROCKS.**
1879. See ROYAL SOCIETY OF LONDON.
1898. Limicolae. See BUTLER, A. G.
1901. Manual of the Birds of Iceland. *8vo.* pp. 23 + 150. 3 pl. 1 map. Edinburgh.
- SLOANE, HANS [1660-1753].**
1707-25. A voyage to the islands Madera, Barbados, Nieves, S. Christophers and Jamaica, with the natural history of the herbs and trees, four-footed beasts, fishes, birds, insects, reptiles, &c. of the last of those islands. 2 vols. folio. pp. 9 + 274. pl. map. London.
 This great work, by the founder of the British Museum, was published after being submitted for the criticism and approval of John Ray.
- SLONAKER, JAMES ROLLIN [1866-].**
1912. See STANFORD UNIVERSITY, CALIFORNIA.
1915. The eyelids and lachrymal apparatus of birds. See WOOD, CASEY A.
1918. Eye of the English Sparrow. *8vo.* pp. 50. *illust.* Boston.
 Author's reprint from the *Journal of Morphology*.
- SMALL ANIMAL WORLD.** Baltimore.
1914-date.
1914-19. As Pet Stock World.
- SMALLWOOD, W. M.**
1927. Man—the Animal. Revised edition. *12mo.* pp. 16 + 235. 32 *illust.* New York.
 The distinguished author applies the fundamental laws of biogenesis to the species *Homo sapiens* as he would to any other animal, elaborating certain aspects of the problem—reproduction, heredity, evolutionary processes, etc.
- SMART, THOMAS GREGORY.**
1886. Birds on the British list. *8vo.* pp. xxiv + 148. London.
- SMEE, ALFRED [1818-77].**
1872. My garden, together with a general description of its natural history. *8vo.* pp. xx + 650. 22 pl. 32 vignettes. 1,197 figs. *index.* London.
 The birds visiting the garden are described on pp. 522-55, with 74 illustrations.
- SMELLIE, WILLIAM [1740-95].**
1790-9. The philosophy of natural history. 2 vols. 4to. Vol. I, pp. xiii + 547. *index.* Vol. II, pp. xii + 515. *index.* Edinburgh.
 A memoir of this distinguished zoologist was published in *Jardine's Naturalist's Library*, vol. 24, 1839.
- 1792-3.** The Natural History of Birds. See BUFFON, G. L.
- **** and **WARE, JOHN.**
1824. The philosophy of natural history, . . . With an introduction and various additions and alterations, intended to adapt it to the present state of knowledge. By John Ware. *8vo.* pp. vi + 336. *glossary.* Boston.
- SMILES, SAMUEL [1812-1904].**
1876. Life of a Scotch naturalist: Thomas Edward, associate of the Linnæan society. *8vo.* pp. xix + 438. 7 pl. 25 figs. *T. of c. append.* London.
 This popular biography (by the famous author of *Self-Help*) recounts not only his hero's contributions to science but also the hardships and disappointments the humble shoemaker suffered in his search after knowledge. The appendix contains an annotated list of Banffshire birds (215 species) collected by Edward. A fifth edition appeared in 1877, with an American printing in the same year.
- SMITH, A. C.**
1870. Narrative of a Spring Tour in Portugal. *8vo.* London.
 Chapter XV deals with the birds.
- SMITH, ALFRED CHARLES [1822-98].**
1887. The birds of Wiltshire. *8vo.* pp. 25 + 588. *index.* London
[1891?]. Recent occurrence of the great bustard in Wilts. *8vo.* pp. 4. [*Devizes?*]
- SMITH, ANDREW [1797-1872].**
1838-49. Illustrations of the zoology of South Africa; consisting chiefly of figures and descriptions of the objects of natural history collected during an expedition into the interior of South Africa, in the years 1834, 1835, and 1836. *Mammalia, Aves, Reptilia, Pisces, Invertebratae.* 5 vols. in 4. 4to. 270 col. pl. *Aves*, vol. II, 132 ll. 114 pl. (col. by Ford). *index.* London.
 This work was issued in 28 parts, the dates and contents of which are given by Waterhouse in the *Proc. Zool. Soc. London*, 1880, pp. 489-91.
- 1880.** Sir A. Smith's miscellaneous Ornithological Papers. Edited by O. Salvin. 4to. pp. vi + 127. London.
 The pagination of the original papers in the 'South African Quarterly Journal' and the 'Report of the Expedition for Exploring Central Africa' is given in each case. See also WILLUGHBY SOCIETY.
- SMITH, ARTHUR DONALDSON [1864-].**
1897. Through unknown African countries; the first expedition from Somaliland to Lake Lamu. *8vo.* pp. xvi + 471. 27 pl. 44 figs. 6 maps. 10 *append. index.* New York and London.
 This is the first impression (printed in the United States), in which 'Lake Lamu' appears instead of 'Lake Rudolf'. References to African faunae frequently occur, and in Appendix A there is a systematic report on the Fishes, by A. Günther.
- SMITH, B. WEBSTER.**
[c. 1926]. The world in the past. *16mo.* pp. xii + 355. 111 pl. (48 col.). *text-figs. index.* London.
- SMITH, C. W. and D'OYLY, C.**
1829. Oriental ornithology [*illust.*] by C. W. Smith and Sir C. D'Oyly. Behar Lithographic Press. folio. *illum. tit.* 12 pl. (col.). Behar (?).
 A series of 12 colored plates of Indian birds, unnamed and without text. The plates range from 8½ × 12 to 7¼ × 9½, mounted on sheets of a larger size. A printed cover is lettered, 'N. 2 of the Oriental Ornithology, containing 12 subjects'.
- SMITH, CECIL.**
1869. The birds of Somersetshire. *12mo.* pp. 10 + 643. London.
1879. The birds of Guernsey and the neighbouring islands, Alderney, Sark, Jethou, Herm. *8vo.* pp. xix + 223. *index.* London.
- SMITH, Mrs. CHARLOTTE (born TURNER) [1749-1806].**
1815. A natural history of birds. 2 vols. *18mo.* Vol. I, pp. iv + 145. 11 pl. Vol. II, pp. 157. 11 pl. *index. errata.* London.
 Another edition, with the *errata* of the present copy made good, appeared in 1819. The library copy of the latter is a presentation from Major Mullens to Joseph Whitaker with inlaid autograph letter.

Smith, 1882. Decapoda from the east coast of the U.S. 16 pl. Cambridge.

Smith, Mrs C. Capt. H.S. Gladstone writes me that ^{the title pages of} his vols are dated 1807.

→ Smith, O. G. 1877. The Tiber and its tributaries. illus., col. pls., maps.

→ Smith, H. M. 1907. The fishes of North Carolina. 4to. illus. Raleigh, N. C.

→ Smith, J. 1846. Breeding and management of the Canary Finch. 8vo.

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1905. Bird life and bird lore. 8vo. pp. 19 + 434. 16 pl. illust. text. index. London.

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SMITH, FREDERICK [1857-].

1919-24. The Early History of Veterinary Literature, etc., to A.D. 1700. 2 vols. 8vo. illust. [O. 7345.] London.

SMITH, H. A.

1887. Animals, Birds and Fishes. 340 illust. New York.

SMITH, HARLAN INGERSOLL [1872-].

1914. Canada. Dominion parks branch. Handbook of the Rocky Mountains Park Museum. 8vo. pp. 126. front. T. of c. bibliogr. Ottawa, Canada.

A reference handbook to the natural history of the whole region in and around the Rocky Mountains Park, as well as to the specimens in the Museum, the living animals in the Zoo near the Museum, in the large Paddock, about two miles away on the road to Bankhead, and running at large in the vicinity of Banff. The birds will be found described on pp. 38-85.

SMITH, HAROLD HAMEL [1867-].

1910. Aigrettes & birdskins, the truth about their collection and export. 8vo. pp. (6)+138. T. of c. London.

In this book the author 'chases the devil round the bush' in trying to show that 'Judged by the standard that prevails in England (the most humane and considerate country with regard to animals and birds), the methods employed in the collection of bird-skins and feathers in the Tropics are not cruel'. The present Compiler suggests that he spend a few months in South and Middle America in an unprejudiced investigation of this matter—with his eyes wide open, undimmed by the fogs of trade.

SMITH, H. GUTHRIE-. See GUTHRIE-SMITH, WILLIAM HERBERT.

SMITH, J. A. 1908. See ARISTOTLE.

SMITH, JAMES EDWARD [1759-1828].

1811. Lachesis Lapponica, etc. See LINNAEUS, CAROLUS.

1821. A selection of the correspondence of Linnaeus and other naturalists from the original manuscripts. 2 vols. 8vo. illust. London.

SMITH, JEROME V. C.

1833. Natural History of the Fishes of Massachusetts. 2 pls. 12mo. pp. 400. illust. Boston.

A well written little manual (part 2 being devoted to Trout) by a New England physician.

SMITH, MALCOLM.

1926. Monograph of the Sea-Snakes. 8vo. 2 pl. ?London and Singapore.

**** and **KLOSS, BODEN.**

1930. The Reptilia and Amphibia of the Malay Peninsula. 8vo. pp. 18+149. Singapore.

Authors' reprint (Bull. Raffles Museum, No. 3). A valuable and much needed treatise.

SMITH, Mrs. NANCY W. PAINE and FORBUSH, EDWARD HOWE.

[1922]. (The) Provincetown book. pp. 260. front. 38 figs. Brockton, Mass.

SMITH, R. CADWALADR.

n.d. Birds and their ways. 12mo. pp. 88. pl. text-figs. New York.

SMITH, REGINALD BOSWORTH [1839-1908].

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1882. Reptilia and Amphibia. See OHIO, STATE OF.

SMITH, WILLIAM RAMSAY [1859-] and **NOB-WELL, J. STEWART.**

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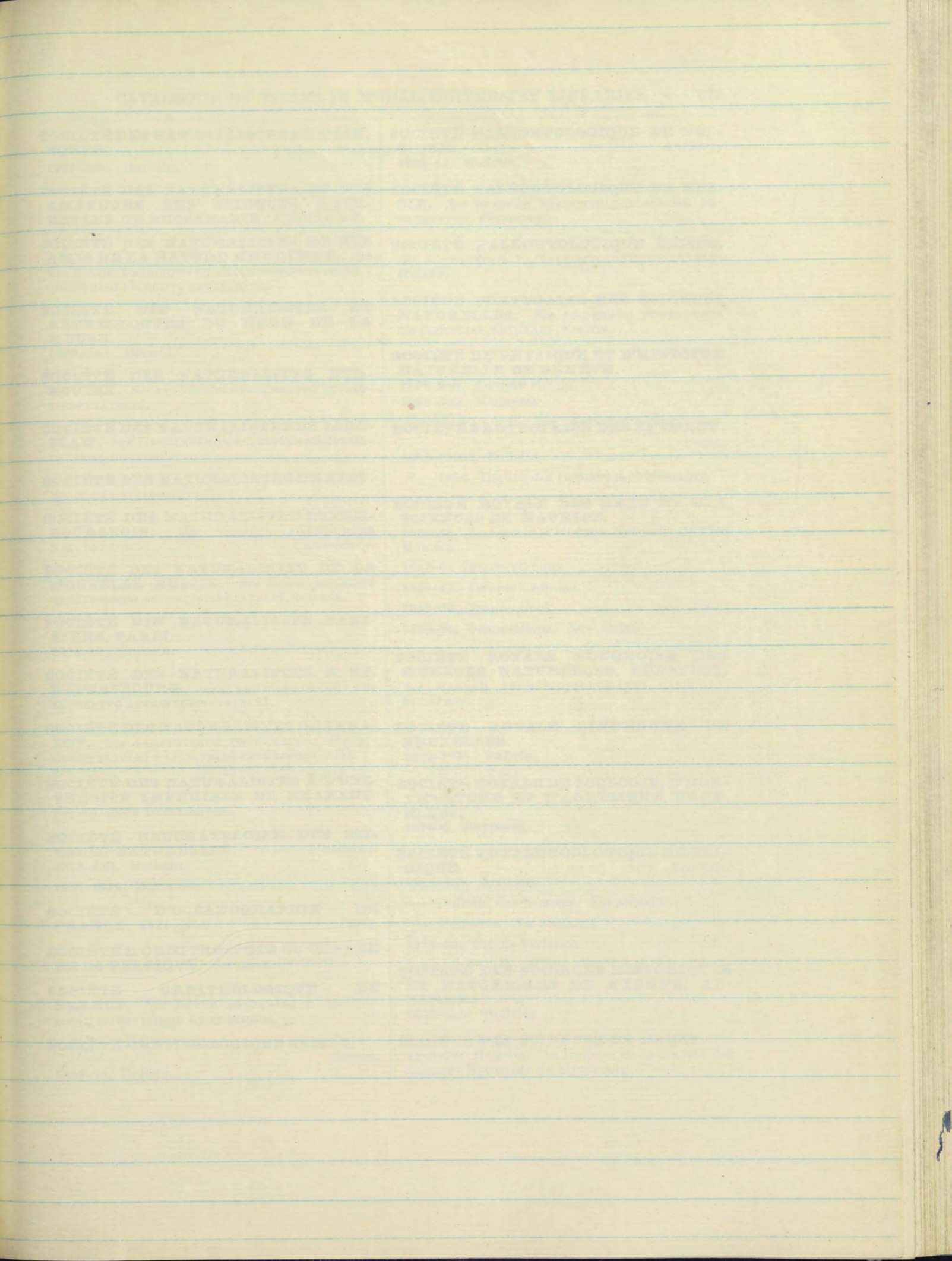
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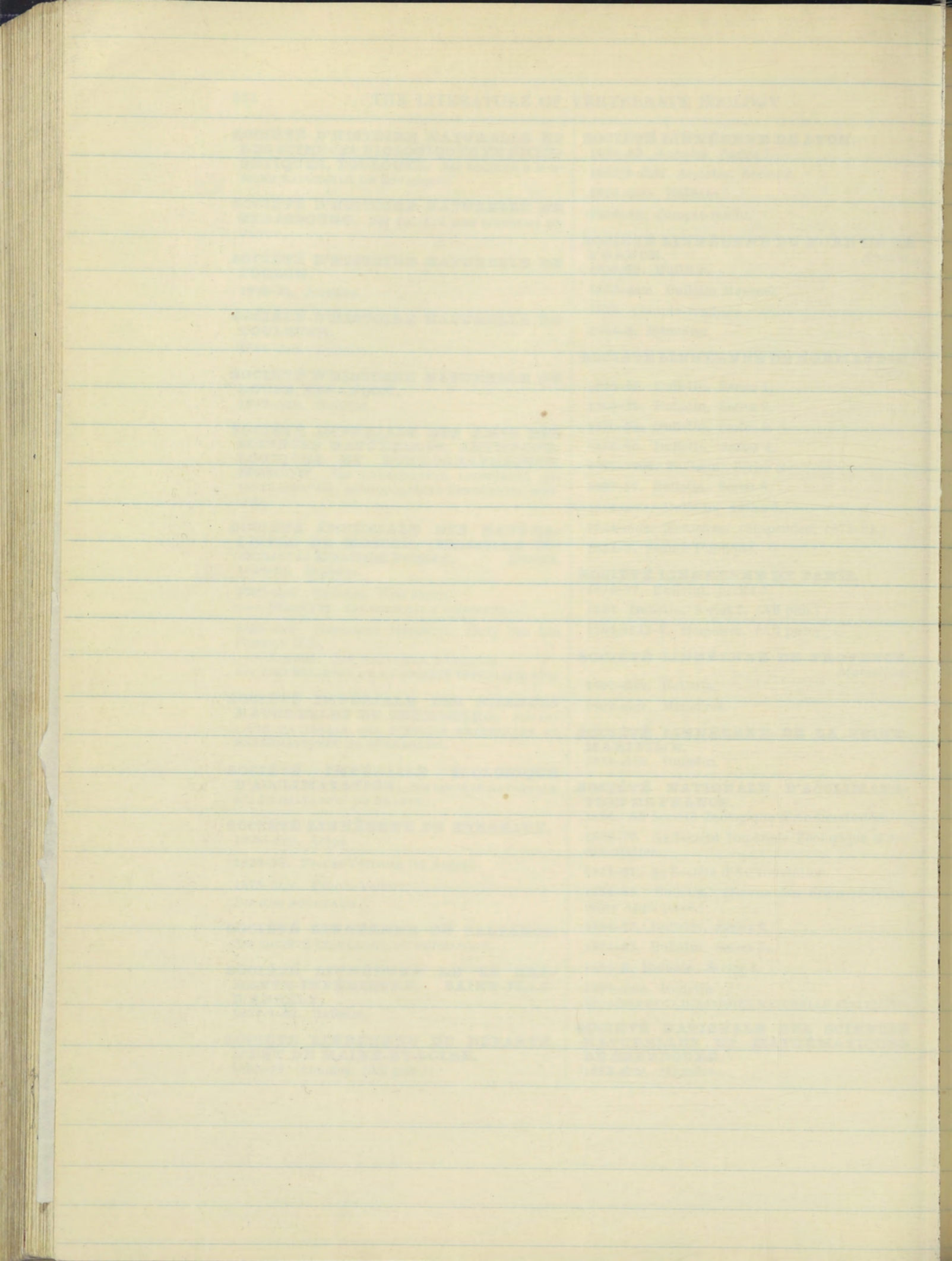
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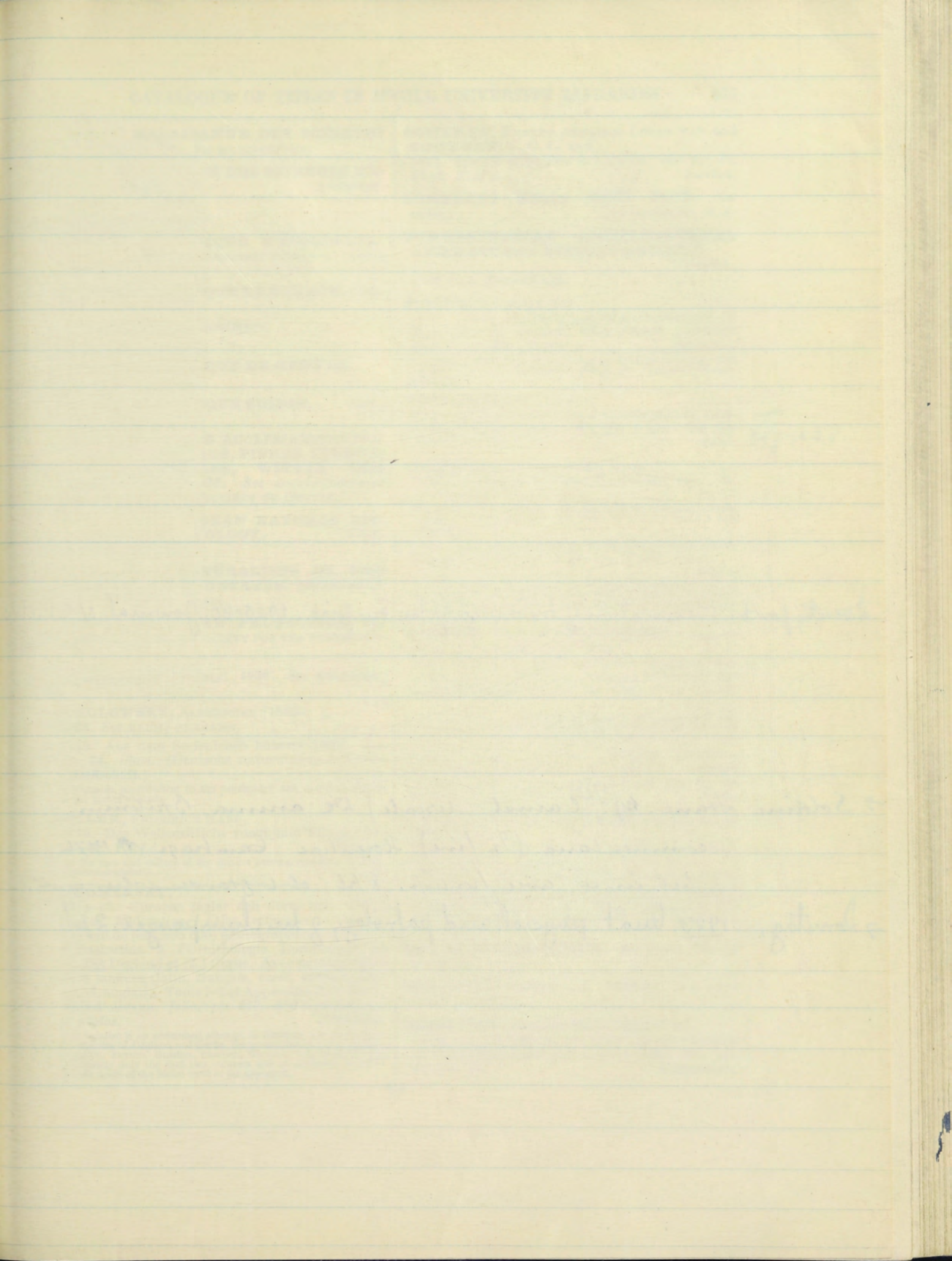
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— Bulletin des Séances. See ANNALES.
— Mémoires. See ANNALES.
1872—98. Procès-Verbaux.
- SOCIÉTÉ DES SCIENCES HISTORIQUES ET NATURELLES DE L'YONNE, AUXERRE.**
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1830-70. Mémoires de la Société d'Histoire Naturelle de Strasbourg.
- SOCIÉTÉ DES SCIENCES NATURELLES ET D'ARCHÉOLOGIE DE L'AIN, BOURG-EN-BRESSE.**
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1896-*date*. Bulletin.
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1903-12. Bulletin. (All pub.) *Langres.*
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- SOCIÉTÉ DES SCIENCES NATURELLES ET MÉDICALES DE SEINE-ET-OISE.**
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- SOCIÉTÉ DES SCIENCES NATURELLES ET PHYSIQUES DE MONTPELLIER.**
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- SOCIÉTÉ DES SCIENCES NATURELLES DE SAÛNE-ET-LOIRE.** *Châlon-sur-Saône.*
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- SOCIÉTÉ DES SCIENCES NATURELLES DE STRASBOURG.** *See* SOCIÉTÉ DES SCIENCES DE NANCY.
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1882-*date*? Bulletin.
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- SOCIÉTÉS ORNITHOLOGIQUES DE LA SUISSE ROMANDE.** *See* MESSAGER.
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↳ Soldini in lib?

Check this.

Lombardi
20/4/36.

Society for the Preservation of the Fauna of the Empire. 1925-30. Journal. N.S. Parts

- Soldini. Franc. 1776. ¹⁷⁷⁶ Camel diserte) De anxia Brutanni
commentaria. (In fine) Florentiae. Cambiagi. 1776.
pet. in 4, avec frontisp. 8 pl. et 6 grande planches.
- Donitag, 1923. Anat. physiol. and pathology of the chimpanzee. 2 pl.

SOCIÉTÉ VALAISANNE DES SCIENCES NATURELLES. See MURITHIENNE.

SOCIÉTÉ VAUDOISE DES SCIENCES NATURELLES. Lausanne.

1842-date. Bulletin.

1922-date. Mémoires.

SOCIÉTÉ ZOOLOGIQUE D'ACCLIMATATION. See SOCIÉTÉ NATIONALE D'ACCLIMATATION DE FRANCE.

SOCIÉTÉ ZOOLOGIQUE DE FRANCE. Paris.
1876-date. Bulletin.

1900-6. Causeries Scientifiques.

1888-date. Mémoires.

SOCIÉTÉ ZOOLOGIQUE DE GENÈVE.
1906-date. Bulletin.

SOCIÉTÉ ZOOLOGIQUE SUISSE. Bern.
1898. Bulletin.

SOCIETY FOR THE ACCLIMATISATION OF ANIMALS, BIRDS, FISHES, INSECTS AND VEGETABLES, WITHIN THE UNITED KINGDOM. See ACCLIMATISATION AND ORNITHOLOGICAL SOCIETY OF LONDON.

SOCIETY OF ALASKAN NATURAL HISTORY AND ETHNOLOGY. Sitka.
1889-90. Bulletin.

SOCIETY OF NATURALISTS OF THE EASTERN UNITED STATES. See AMERICAN SOCIETY OF NATURALISTS.

SOCIETY FOR THE PROTECTION OF BIRDS. See ROYAL SOCIETY FOR THE PROTECTION OF BIRDS.

SÖDERBERG, RUDOLF. 1926. See KOLTHOFF, G. I.

SOKOLOWSKY, ALEXANDER [1866-].
1903. See BAUM, HERMANN.

1910. Aus dem Seelenleben höherer Tiere. 8vo. pp. 74. *illust.* (Deutsche naturwissenschaftliche Gesellschaft.) Leipzig.

A valuable contribution to the psychology and moral characters of the higher animals.

SÖLLER, FRIEDRICH KARL.

1876. Des Wellensittichs zucht und Pflege. 8vo. pp. 45. *T. of c.* Weimar.

On the care and culture of the smaller parrots, especially of *Melopsittacus undulatus*.

SOLOMIRSKY, D.

1914-15. Europas fåglar och deras bon. Fotografisk bilderatlas. Atlas. Oiseaux d'Europe. Recueil de (environ 600) photographies pour servir d'illustration à l'Ornithologie Européenne de (C.-D.) Degland et (Z.) Gerbe. Avec nomenclature en 6 langues (latin, français, russe, suédois, allemand, anglais). Tome 1-2 et Appendice du Tome 1: Nids d'oiseaux. folio. pp. 620. 600 reproductions of photos. Stockholm.

This treatise is an unfinished attempt to illustrate the *Ornithologie Européenne* of Degland and Gerbe, the nomenclature being supplied in Latin, French, Russian, Swedish, German, and English. Unfortunately only the first two volumes and an appendix to vol. I (on the nests of the birds) have so far appeared.

SOMEREN, ROBERT ABRAHAM LOGAN VAN and SOMEREN, V. G. L. VAN.

1911. Studies of birdlife in Uganda. 4to. pp. 22. 25 pl. *T. of c.* London.

SOMERSET HILLS BIRD CLUB. See ORIOLE. *Bernardsville, N.J.*

SOMERSETSHIRE ARCHAEOLOGICAL AND NATURAL HISTORY SOCIETY.

Taunton.

1849-date. Proceedings.

SOMOW, NIKOLAUS NIK.

1897. Faune ornithologique du gouvernement de Kharkow. In Russian, with French half-title. 4to. pp. 9+680. *index.* Kharkow.

A comprehensive study of the avifauna observed in a large and important province of Russia. From the Cabanis-Reichenow collection.

SONNENBURG, LUDWIG.

1857. Zoologisch-kritische Bemerkungen zu Aristoteles Thiergeschichte. 4to. pp. 2+27. See also ARISTOTLE, 1857. *Bonn.*

SONNERAT, PIERRE [1749-1814].

1776. Voyage à la Nouvelle Guinée, etc. 4to. pp. xii+206. 120 pl. *Paris.*

This volume, well known to systematic students, furnishes an early account of Papuanian flora and fauna by a noted traveler and naturalist.

1782. Voyage aux Indes Orientales et à la Chine depuis 1774 jusqu'en 1781, etc. 2 vols. *illust.* *Paris.*

A classic record of natural history explorations and discoveries in the Far East, which included explorations in Ceylon, the Philippines, Moluccas, Cape of Good Hope, etc., adding many new species to the list of vertebrata.

SONNINI DE MANONCOURT, CHARLES NICOLAS SIGISBERT [1751-1812].

1800. Travels in upper and lower Egypt, undertaken by order of the government of France; tr. from the French. 4to. pp. 40+730. 27 pl. 1 map. *London.*

The original French treatise was published in three volumes (2 vols. text, 8vo, and 1 vol. 4to Atlas) in An IX (1800) and is an important source of early information regarding the flora and fauna of Egypt.

1802-5. (An XI-XIII.) Histoire naturelle, générale et particulière des Poissons. Ouvrage faisant suite à l'Histoire naturelle par L. de Buffon. 14 vols. 8vo. 82 col. pl. *Paris.*

This Buffon 'suite', one of the classic treatises on fishes, includes a volume on whales, the whole wonderfully well illustrated by colored figures.

1810. Voyage aux Îles de Ténériffe, La Trinité, Saint-Thomas, Sainte-Croix et Porto-Ricco . . . 1796-8, etc. 2 vols. 8vo. 1 map. (Wanting.) *Paris.*

Though Sonnini probably wrote only a part of the natural history text of this report on André Pierre Ledru's well-known expedition to the Canary Islands and the West Indies (including Porto Rico and what are now the U.S.A. Virgin Islands) the above title is generally listed under Sonnini's name.

SON OF THE MARSHES. See OWEN (Son of the Marshes).

SORDELLI, FERDINANDO. 1865-71. See BETTONI, EUGENIO.

SØRENSEN, WILLIAM EMIL [1848-1922].

1884. Om Lydorganer hos Fiske; en physiologisk og comparativ-anatomisk Undersøgelse. 8vo. pp. 8+245. pl. *Kjøbenhavn.*

SORENSEN, EDWARD S.

n.d. Spotty, the bower bird and other nature stories, life histories of Australian birds and animals. 12mo. pp. 104. 12 pl. 13 figs. T. of c. Melbourne.

SOUANCÉ, CHARLES DE.

1857. Iconographie des perroquets non figurés dans les publications de Levaillant et de Bourjot Saint-Hilaire, avec la coopération de S. A. le prince Bonaparte et de M. Émile Blanchard. Histoire naturelle des perroquets. folio. n.p. 48 col. pl. T. of c. Paris.

A most important, systematic, and well-illustrated contribution to the literature of the Parrots. The treatise was issued in 12 *livraisons* and forms a systematic account of the order as a second supplement to Levaillant's *Histoire Naturelle des Perroquets* (pub. 1801-5) and the work of Bourjot-Saint-Hilaire (1837). In the copy in hand the final plate is numbered LXXIX (Cone's says LXXIV).

SOULEYET, F. L. A. 1841-52. See EYDOUX, J. F. T.

SOUSA, JOSÉ AUGUSTO DE [-1889].

1869-73. Catalogo das collecções ornithologicas. *Psittaci*—papagaios. *Accipitres*—aves de rapina. [Pigeons and gallinaceous birds also.] 2 pls. 8vo. Pt. I, pp. 62. Pt. II, pp. 49. Lisboa.

SOUTH AFRICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE.

1903-8. Report. Continued as South African Journal of Science.

1905. Science in South Africa: a handbook and review prepared under the auspices of the South African governments and the South African association for the Advancement of Science; ed. by Rev. W. Flint and J. D. F. Gilchrist. 8vo. pp. x+505. col. map. 7 pl. (2 col.). 5 maps. 62 figs. index. Cape Town.

A handbook on scientific work and progress in South Africa, prepared on the occasion of the visit of the British Association to South Africa in 1905.

SOUTH AFRICAN JOURNAL OF NATURAL HISTORY. 1918-date. Pretoria.**SOUTH AFRICAN JOURNAL OF SCIENCE.**

(S.A. Assoc. for the Advancement of Science.) 1903-date. Cape Town.

SOUTH AFRICAN MUSEUM. Cape Town.

1898-date. Annals.

1881?-date. Report.

SOUTH AFRICAN ORNITHOLOGISTS' UNION.

1905-16. Journal (The) of the South African Ornithologists' Union. Published at Pretoria, Transvaal. 8vo. Edited by a Committee of the Union. Semi-annual. Printed in London. After issue of eleven Volumes and Bulletins ('Popular Bulletins' and 'Bulletin Series'), the Journal was, after dissolution of the S.A.O.U. in 1916, incorporated with the *South African Journal of Natural History*.

This periodical, founded chiefly through the activities of W. L. Selater, at that time Director of the South African Museum, Cape Town, and continued by the energetic labors of the editorial committee and especially by A. K. Haagner, Director of the Zoological Gardens, Pretoria, contains many important contributions to African ornithology. The first volume opens with a biography of the better-

known African ornithologists by W. L. Selater, followed during the succeeding 11 years by essays that form a most valuable addition to our knowledge of African birds. It is to be regretted that a magazine so ably edited should not have received the support it deserved.

SOUTH AFRICAN QUARTERLY JOURNAL. 1829-35. Cape Town.**SOUTHARD, CHAS. Z.**

1928. The Evolution of Trout and Trout Fishing in America. 4to. pp. 254. 9 col. pl. New York.

A complete history of the Trout in America and 'how to catch him'.

SOUTH AUSTRALIAN NATURALIST. 1919-date. Adelaide.**SOUTH AUSTRALIAN ORNITHOLOGIST, THE. A Magazine of Ornithology.**

1914-date. 8vo. Parts issued quarterly; some issues more frequently. Vol. I, 1914. Edited by a Committee: F. R. Zeitz, A. M. Morgan, S. A. White, and R. Crompton.

This ably edited magazine counts among its contributors many noted Australian ornithologists. In addition to recording the activities of the South Australian Ornithological Association, of which it is the organ, the periodical deals in a scientific fashion with local avifauna. In addition to the Secretary and Members of Committee, such widely known specialities as G. M. Mathews, Edwin Ashby, J. G. Hastings, A. J. Campbell, and several others figure as contributors.

SOUTH AUSTRALIAN ZOOLOGICAL AND ACCLIMATIZATION SOCIETY. Adelaide.

1880-1919? Annual Report.

SOUTH DAKOTA ACADEMY OF SCIENCES.

1916-date. Proceedings.

SOUTH EASTERN NATURALIST. (Dover Natural History Society; East Kent Scientific Society. 1890-date. Canterbury.)**SOUTH EASTERN UNION OF SCIENTIFIC SOCIETIES.**

1909. A survey and record of Woolwich and West Kent, containing descriptions and records . . . zoology, etc. 8vo. pp. 8+526. 3 indexes. Woolwich.

SOUTHERN CALIFORNIA ACADEMY OF SCIENCES, LOS ANGELES.

1902-date. Bulletin.

'SOUTHERN CROSS'. VOYAGE TO THE ANTARCTIC.

1898. Reports on the Collections.

Inlaid in the library copy are 11 original water-color drawings of seals and two of birds' eggs by Grönvold; also corrected proofs of some of the Seal papers. Of the 53 plates in this section nine are colored.

1902. See BRITISH MUSEUM. NATURAL HISTORY. Southern Cross Antarctic Expedition.

SOUTHERN NATURALIST. 1884?

Nashville, Tenn.

SOUTHERN OOLOGIST. Edited by H. J.

Twiggs, Summerville, Augusta, Georgia, U.S. May 1891. Vol. I, No. 1, 12mo. (All issued.)

SOUTH LONDON ENTOMOLOGICAL AND NATURAL HISTORY SOCIETY.

1885-date. Proceedings.

SOUTHPORT SOCIETY OF NATURAL SCIENCE. Southport, England.

1890-date. Report.

Souhart, R. Bibliographie Général - Ouvrages sur la Chasse ^{Paris} 1886

Donner, J. 1896. Rech. physiol. sur l'appareil respiratoire des oiseaux.
126 p., 40 fig.

→ 1931. Naturalist in Manchuria. v. 4+5 (in 1 vol.) 800. pp. v+321, 250 42 pls.
(cold-blooded vertebrates and invertebrates)

→ 1933 Far-off Things. Colombo; Ceylon. (R. L. Spillid)

→ Lowerby, J. G. 1895. Rooks and their neighbors. 800. illus.

* Apalowsky, 1790-95. Naturgeschichte der Vogel, etc. 8 vols.
Includes mammals and fishes.

SOUTHWELL, THOMAS [1831-1909].

1879. Observations of the fauna of Norfolk. See LUBBOCK, R.

1890. See STEVENSON, HENRY.

1902. See BROWNE, Sir T.

SOWERBY, ARTHUR DE CARLE [1885-].

1912. See CLARK, R. S. and SOWERBY, A. DE C.

1922-3. The naturalist in Manchuria. 3 vols. 4to. illust. pl. maps. Vol. 1. Travel and exploration. 2. Mammals. 3. Birds. Tientsin.

→ 1923. A naturalist's holiday by the sea . . . shore-land life of the Cornish peninsula. 8vo. pp. 11+262. 16 pl. 42 figs. T. of c. London and New York.

SOWERBY, GEORGE BRETtingham [1812-84].

1857. Popular history of the aquarium of marine and fresh-water animals and plants. 8vo. pp. 16+327. illust. London.

SOWERBY, JAMES [1757-1822].

1804-6. The British miscellany; or, Coloured figures of new, rare, or little known animal subjects . . . of the British Isles. 2 vols. 8vo. pp. vi+137+31. 76 col. pl. index. London.

Twelve parts—the present copy has the covers bound in—only were issued, the first five each containing four plates, and the last seven, eight plates each.

→ **SOWERBY, JAMES DE CARLE** [1787-1871]. 1872. See LEAR, E. and SOWERBY, J. DE C.

SPAIN. Comisión permanente de Pesca.

1870. Exploración científica . . . del Ferrol. 8vo. pp. 540. 16 pl. (Wanting.) Madrid.

This department of the Spanish Government has published several similar reports on the fishes of the Spanish dominions, federal and colonial.

SPALLANZANI, LAZARO [1729-99].

1782. Fisica animale e vegetabile—dissertationi del abate, etc. 3 tomi. 12mo. 3 fold. pl. [O.] Venezia.

1787. Œuvres, tomes I-III. Tomes I and II contain the observations on animals. 8vo. [O.] Pavia.

This is a French translation (from the original Italian) by Charles Bonnet.

→ **SPALLANZANI. (Rivista di Scienze Mediche e Naturali.)** 1863-93. Modena, Rome.

SPARRMAN, ANDERS [1748-1820].

1784. Reise nach dem Vorgebirge der guten Hoffnung, etc. Schwedischen frey übersetzt von C. H. Groskurd; hrsg. und mit einer Vorrede begleitet von Georg Forster. 8vo. pp. 30+626. pl. map. Berlin.

This German translation of the Dutch *editio princeps* (1783) must be very rare; unlike the English and French translations it is not listed in the *Cat. Br. Mus. (Nat. Hist.)*. It is a treatise of much zoological importance.

1786-9. Museum Carlsonianum, in quo novas et selectas aves, coloribus ad vivum brevique descriptione illustratas. 4 vols. 4to. 100 col. pl. one leaf of letterpress for each pl. Holmiae.

A very important and rare work, published in four fascicles, with 25 colored plates in each, and of extreme value to the student. It furnishes descriptions, using the binomial classification, of the numerous specimens in the famous Swedish museum of Gustavus Carlsson. This collection was studied and partly described by C. J. Sundevall who identified most of the species, many of them new to science.

SPARROW, W. S.

1923. Angling in British Art through 5 centuries. London.

SPECHT, F. 1883. See VOGT, C. and SPECHT, F., 1883.

SPENCER, BALDWIN. 1896. See HORN, W. A., Report on the Horn Scientific Expedition.

SPENCER, HERBERT [1820-1903].

1864-7. The Principles of Biology. 2 vols. 8vo. [O.] London.

A masterly and philosophic exposition of an abstruse subject; no food for amateur students.

SPITSBERGEN [33] PAPERS.

1925. Scientific results of the first Oxford university expedition to Spitsbergen (1921). 8vo. pp. xi+473. 17 pl. 114 figs. append. Oxford.

SPITTEL, RICHARD LIONEL [1881-].

1924. Wild Ceylon. 8vo. pp. (16)+260. 53 pl. 1 map. Colombo.

There are many references to animals, especially to birds, throughout the book, such as drongos, lapwings, owls, pigeons, bulbuls, bee-eaters, and cuckoos.

SPIX, JOHANN BAPTIST VON [1781-1826].

1811. Geschichte . . . aller Systeme in der Zoologie, etc. 2 vols. 8vo. pp. 26+710. Nürnberg.

This scholarly treatise on systematic zoology since the days of Aristotle to the beginning of the nineteenth century should find a place in every naturalist's library.

1815. Cephalogenesis; sive, Capitis ossei structura, formatio et significatio per omnes animalium classes, familias, genera ac aetates digesta. folio. pp. [6]+72. 9 pl. Each plate is accompanied by an outline key. Monachii.

1823. Simiarum et vespertilionum Brasiliensium species novae; ou, Histoire naturelle des espèces nouvelles de singes et de chauves-souris observées et recueillies pendant le voyage dans l'intérieur du Brésil dans les années 1817-20. folio. pp. 16+72. 38 col. pl. Monachii.

**** and **MARTIUS, C. F. P. VON**

1823-31. Reise in Brasilien in den Jahren 1817 bis 1820. 4 vols. 3 (pts.) vols. 4to. Text. 1 (pt.) vol. folio. Atlas. München.

A noted expedition, with accounts of many new floral and faunal species. The original report has been several times translated and republished.

**** and **MARTIUS, C. F. P. VON.**

1824. Travels in Brazil in the years 1817-20. [Tr. from the German by H. E. Lloyd.] 2 vols. 8vo. Vol. I, pp. 24+327. 4 pl. Vol. II, pp. 8+298. 5 pl. T. of c. London.

1824. Animalia nova; sive, Species novae Testudinum et Ranarum, quas in itinere per Brasiliam annis 1817-20 collegit et descripsit. folio. pp. 4+53. 22 pl. Monachii.

This first printing of an important tractate is quite rare. There were several subsequent editions published.

1824. Serpentum Brasiliensium species novae; ou, Histoire naturelle des espèces nouvelles de serpens, recueillies et observées pendant le voyage dans l'intérieur du Brésil dans les années 1817-20; écrite d'après les notes du voyageur par J. G. Wagler. folio. pp. 8+75. 28 col. pl. Monachii.

[SPIX, J. B. VON (contd.)]

1824-5. Avium species novae, quas in itinere per Brasiliam annis 1817-20, etc. 2 vols. folio. Vol. I, 1824, pp. [10]+90+47. 104 col. pl. Vol. II, 1825, pp. [4]+85. 118 col. pl.

A classic and fundamental treatise on the birds of Brazil, with a description and portrayal of many new species. C. E. Hellmayer has carefully examined most of the specimens obtained during several expeditions to South America, upon which this monograph is based. See his *Revision der Spix'schen Typen brasilianischer Vögel* in the *Abh. d. K. Bayer Akad. Wissenschaft.*, May 20, 1906. The copy in hand is from the Godman Library and has the full number of plates. A second copy in the library is a variant of this, having several plates quite differently colored.

1825. Animalia nova; sive, Species novae Lacer-tarum, quas in itinere per Brasiliam annis 1817-20 collegit et descripsit. folio. pp. 2+26. 28 pl.

Monachii.

****, AGASSIZ, LOUIS, and others.

1829-31. Selecta genera et species piscium . . . Brasiliam annis 1817-20. folio. pp. 30+133. 95 col. pl. portr.

Monachii.

Issued in 2 parts: part 1, pp. 82, 48 col. pl., 1829; part 2, the remainder in 1831.

**** and MARTIUS, C. F. P. VON.

1830-4. Delectus animalium articulorum, quae in itinere per Brasiliam annis 1817-20; digessit, descripsit, pingenda curavit [J. A.] M. Perty, praefatus est et edidit C. F. P. von Martius. folio. pp. 55+224. 40 col. pl.

Monachii.

SPRATT, Mrs. G.

1851. The language of birds, comprising poetic and prose illustrations of the most favourite cage birds. With highly coloured plates. 16mo. pp. vii+342. 12 pl. (col.). T. of c.

London.

An extraordinary book. The plates are certainly 'highly coloured', the Wren being depicted with a blue head, a long blue tail, and a black throat!!

SPRINGFIELD, MASS. Report of the Allen Bird Club.

1912-15 and continuation. Miss E. M. Wilcox, 148 Carew St., Springfield, Mass., Secy.-Treas. Annual Report. Yearly volume. 8vo.

Springfield, Mass.

These periodical reports show the Allen Club to be an active and effective organization for the cultivation of Bird Study and Protection among its members in and about Springfield.

SPRINGFIELD MUSEUM OF NATURAL HISTORY.

Springfield, Mass.

1904-date. Bulletin.

1895-date. Report.

ST. See SAINT.

STABILI, FRANCESCO DEGLI, called CECCO D'ASCOLI [1257-1327].

1516. Lo illustro poeta Cecho, etc. In verse. Four books, of which Book III is on minerals and animals. 4to. illust.

Venezia.

The author, professor of mathematics at Bologna and a man of great learning, in this poem, known as the 'Acerba', dared to express an opinion of Dante not consonant with the teachings of the dominant church, so, after a trial for 'impiety', he was, for the benefit of his soul, burned at the stake. Osler says that this work was among the most popular of the medieval bestiaries. [O. 5469.]

STAHL, AUGUSTIN.

1887. Beitrag zur Vogelfauna von Portorico. 8vo. pp. 6.

Brief notes, systematically arranged, on some birds of Porto Rico. From the Cabanis-Reichenow collection.

STAMPFLI, F. X. 1884-6. See BÜTTIKOFER, JOHANN.

STANDARD NATURAL HISTORY. See KINGSLEY, J. S.

STANFORD UNIVERSITY, CALIFORNIA.

1895. Publications. Geology and Paleontology.

1908. University Series. No. 1, 1908, and continuation.

1912. The effect of a vegetable diet . . . on the Albino Rat. J. R. Slonaker, pp. 36. illust.

1913. E. C. Starke, Fishes of the Stanford University Expedition to Brazil, pp. 75. illust. The *University Series* is mostly taken up with subjects outside the realm of vertebrate zoology.

1920-date. Biological Sciences.

****. Hopkins Seaside Laboratory.

1895-1904. Contributions to biology. 8 vols. Nos. 1-32. 8vo. illust. pl. (All pub.)

Palo Alto, California.

STANLEY, EDWARD (Bp. of Norwich) [1779-1849].

1835. A familiar history of birds; their nature, habits and instincts. Two volumes, with engravings. 2 vols. 16mo. Vol. I, pp. vii+254. 7 pl. 43 figs. Vol. II, pp. vi+279. 9 pl. 30 figs. index.

London.

Although untrustworthy as a modern treatise on bird life, this popular work has passed through many editions, all of them in the E.S.W. Library. The present copy is of the first edition, the sixth appearing in 1854.

STANLEY, EDWARD SMITH, Earl of Derby [1775-1851].

1850. Gleanings from the Menagerie . . . Knowsley Hall. See GRAY, J. E.

STANNARD, HENRY.

1873. Outdoor common birds. 8vo. pp. 6+215. front. 55 figs. (birds). 55 figs. (eggs). T. of c.

London.

STANNIUS, FRIEDRICH HERMANN [1808-83].

1856. Zootomie der Amphibia.

One of the few early works on the anatomy of amphibians.

STANSBURY, HOWARD. 1852. See BAIRD, S. F.

STARK, ARTHUR COWELL [-1899] and SCLATER, W. L.

1900-1. The Birds of South Africa. 4 vols. 8vo. See SCLATER, W. L.

STARK, JOHN.

1828. Elements of natural history. 2 vols. 8vo. pl. illust. text.

Edinburgh.

STARKE, E. C. 1913. See STANFORD UNIVERSITY, CALIFORNIA.

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES.

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1908-14. Museum Bulletin. Series 1.

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Sprijt, C.A.M. 1926. De kleurduiven, volledige beschrijving van alle rassen met uitvoerigen standaard. roy. 8vo. pp. 263, 8 pls., text-figs.

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- Stepanus. C. 1554. De latinis et graecis nominibus arborum, fructuum, herbarum, piscium, et animalium liber. 8 d. IV. 102 pp.
- Steen f. a. Scott Head Island. Foreword by John Buchan.
(Cambridge: W. Heffer & Sons for the Norfolk and Norwich Naturalists Society)
- Stebbing, 1899. Amphipoda from the Copenhagen Museum and other sources. 6 p.
1882. Amphipoda of the marine coast in South Africa. 16 pl.

1918—date. Museum Bulletin. Series 3.

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STATHAM, JOHN CHARLES BARON [1872—].

1924. With my wife across Africa by canoe and caravan. 8vo. pp. 323. 32 pl. 3 maps. bibliogr. 4 append. London.

There are many descriptions of animals. Appendix II has *Notes on Water and Game birds*.

STATION MARITIME, CETTE. See MONTPELLIER UNIVERSITÉ. Institut de Zoologie Maritime.

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STATION ZOOLOGIQUE DE CETTE. See NANCY UNIVERSITÉ.

STAVANGER MUSEUM. Stavanger, Norway. 1890—date. Aarshefte.

STEAD, DAVID G.

1906. Fishes of Australia; a popular and systematic guide, etc. 8vo. pp. 12+278. 10 pl. text-figs. Sydney.

Written for the N.S.W. Dept. of Fisheries by an acknowledged authority on the subject.

1908. The edible fishes of New South Wales. 8vo. pp. 123. 81 pl. Sydney.

STEARNS, WINFRID ALDEN [1852—].

1880. List of Birds . . . of Fishkill-on-Hudson, N.Y.

**** and **COUES, ELLIOTT.**

1881—3. New England bird life: being a manual of New England ornithology. 2 vols. 8vo. Vol. 1, pp. 324. 56 figs. 2 indexes. Vol. 2, pp. 409. 88 figs. 2 indexes. Boston.

The original manuscript of this treatise was written by Stearns at the suggestion of Coues who afterwards altered and amended it at the request of Stearns, thus becoming equally responsible for the accuracy and completeness of the work.

1881—94. New England bird life, being a manual of ornithology. 4th ed. 2 vols. 8vo. Vol. 1, pp. 328. 56 figs. append. 2 indexes. Vol. 2, pp. 409. 88 figs. 2 indexes. Boston.

1883. Notes on the natural history of Labrador. 8vo. pp. 74. 15 figs. New Haven, Conn.

Author's revised reprint from *Proc. U.S. Nat. Museum*, vol. 6. The notes furnish an annotated list of birds (112 species) collected during a stay of twelve months on the coast in 1880—2.

1890. Bird life in Labrador. 8vo. pp. 65. New York.

Reprinted from the *American Field*, 1890.

STEBBING, EDWARD PERCY [1870—].

1908. A manual of elementary forest zoology for India. 8vo. pp. 40+230. 118 pl. index. Calcutta.

STEDMAN, JOHN GABRIEL [1744—97].

1813. Narrative, of a five years' expedition, against the revolted negroes of Surinam, in Guiana . . . describing Quadrupeds, Birds, Fishes, Reptiles, etc. 2 vols. Vol. I, pp. 18+423. 38 pl.

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There are several references to birds in both volumes, with descriptions and eight plates of some of the more notable species. The present copy is from the library of Canon Tristram.

STEELE, ROBERT. 1893. See BARTHOLOMAEUS ANGLICUS.

STEENSTRUP, JOHANNES JAPETUS SMITH [1813—97].

1842. Om Forplantning og Udvikling gennem vexlende Generationsrækker, en særegen Form for Opfostringen i de lavere Dyreklasser. 8vo. pp. 4+76. pl. Kjöbenhavn.

The very rare Danish original of a well-known contribution to the philosophy of animal and floral descent.

1845. On the alternation of generations; or, The propagation and development of animals through alternate generations. Tr. from the German version of C. H. Lorenzen, by George Busk. 8vo. pp. 7+132. 3 pl. London.

One of the Ray Society's publications.

[1855]. Et Bidrag til Geirfuglens, Alca impennis Lin., Naturhistorie, og særligt til Kundskaben om dens tidligere Udbredningskreds. 8vo. pp. 83. map. Kjöbenhavn.

Author's reprint. Contains the complete history of the Garefowl or Great Auk.

STEERE, J. B.

1880. A list of the mammals and birds [111 species] of Ann Arbor and vicinity. 8vo. pp. 8. Ann Arbor, Mich.

1890. A list of the birds [367] and mammals collected by the Steere expedition to the Philippines, with localities, and with brief preliminary descriptions of supposed new [52] species. 8vo. pp. 39. Ann Arbor, Mich.

STIERMARK, VEREIN FÜR. See MITTHEILUNG DES NATURWISSENSCH. 1888—1920.

STEINDACHNER, FRANZ.

1867. Reise der Osterreichischen Fregatte Novara um die Erde in den Jahren 1857—9. Zoologischer Theil. Reptilien. Erster Band. 8vo. pp. 98. 3 pls. index. (Wanting.) Wien.

1870. Herpetologische Notizen. 8vo. pp. 25. 8 pl. Wien.

Author's reprint.

1876. Die Schlangen und Eidechsen der Galapagos-Inseln. 8vo. pp. 31. 7 pl. Wien.

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1886. See VIENNA. K. ACAD. D. WISSENSCH.

1891. Ueber die Reptilien und Batrachien der westlichen und östlichen Gruppe der canarischen Inseln. pp. 20. Wien.

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1900. Bericht über die Herpetologischen Aufsammlungen. Expedition S. M. Schiff 'Pola' in das Rothe Meer nördliche und südliche Hälfte. 1895/6 und 1897/8. (*Zoologische Ergebnisse*, xvii.) Wien.

- STEINMANN, JOHANN HEINRICH CONRAD GOTTFRIED GUSTAV** [1856-].
 1903. Einführung in die paläontologie. 2nd ed. 8vo. pp. 10+466. *illustr.* Leipzig.
 1908. Die geologischen grundlagen der abstammungslehre. 8vo. pp. 8+284. *illustr.* Leipzig.
- STEJNEGER, LEONHARD HESS** [1851-].
 1885. Results of ornithological explorations in the Commander Islands and Kamtschatka. 8vo. pp. 382. 8 col. *pl.* Washington.
 A separately issued and valuable contribution to North American arctic ornithology, over 400 species being described or noticed. In most instances a full synonymy, and distributional account, with the native and Russian names, are given.
 1885. Birds: Standard Natural History, Boston. This well-known naturalist's contribution to the volumes of a popular work. See KINGSLEY, J. S., ed.
 1886. On Turdus Alpestris and Turdus Torquatus, two distinct species of European thrushes. 8vo. pp. 365-73. Washington.
 The present copy from Canon Tristram's library. Author's reprint from *Proc. U.S. Nat. Mus.*, 1886.
 1886. On a collection of birds made by M. Namiye in the Liu Kiu Islands, Japan, with descriptions of new species. 8vo. pp. 634-51. Washington.
 Author's excerpt from *Proc. U.S. Nat. Mus.*, 1886; the copy in hand from Canon Tristram's library, with bookplate.
 1886. Review of Japanese birds. I. The Woodpeckers. 8vo. pp. 99-124. 12 pl. (11 col.). *n.p.*
 This first of a series of papers on Japanese birds treats of ten species and one subspecies of Woodpeckers, two of the former being new to science. The present copy of this tractate is from the Tristram Library and contains a letter from Pierre Louis Jouy to Canon Tristram, dated April 28, 1887. Author's reprint from *Proc. U.S. Nat. Mus.*, vol. viii.
 1893. The Death Valley expedition. See DEARBORN, N.
 1898-9. See UNITED STATES. FISHERY REPORTS.
 1903-10. See PRINCETON, 1904-12.
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 Author's separate. *Bulletin 58, U.S. National Mus.* The chief authority on the subject to date.
- **** and **BARBOUR, THOMAS**.
 1917. A Check List of North American Amphibians and Reptiles. 8vo. pp. 4+125. Washington.
 A second edition of this admirable catalogue was published in 1922.
- STEMPELL, WALTER** [1869-].
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 An introduction to general zoology now (1930) being issued in parts; a valuable, up-to-date book for the student.
- STEMPELMANN, HUGO** and **SCHULZ, FEDERICO**.
 1890. Enumeración de las aves de la provincia de Córdoba (República Argentina). 8vo. pp. 18. Buenos Aires.
- STENBECK, THOR**.
 1891. Einige Worte über die Theorie des Herrn. Prof. Dr. Blix vom Segeln oder Kreisen der Vögel. 8vo. pp. 20. *illustr.* Stockholm.
- STENHOUSE, ERNEST**.
 1904. An introduction to nature-study. 12mo. pp. x+422. 236 *figs.* *index.* London.
- STEP, EDWARD** [1855-].
 1921. Animal life of the British Isles, a pocket guide to the mammals, reptiles and batrachians. 12mo. pp. 6+180. 111 pl. (48 col.). *index.* London.
- STEPHENS, JAMES FRANCIS** [1792-1853].
 1800-26. General zoology. See SHAW, G.
- STEPHENSON, J.** 1928. See AL-MUSTAUFU.
- STERLAND, W. J.**
 1869. The birds of Sherwood forest. 8vo. pp. ix+244. 4 pl. (3 col.). *index.* London
- **** and **WHITAKER, J.**
 1879. Descriptive list of the birds [238 species] of Nottinghamshire. 8vo. pp. 71. Mansfield.
- STERNBERG, H. F.**
 1909. Life of a Fossil Hunter. 8vo. *illustr.* New York.
- STERNDALE, ROBERT ARMITAGE** [1839-1902].
 1884. Natural history of the mammalia of India and Ceylon. 12mo. pp. 32+540. col. pl. 170 *text-figs.* Calcutta.
 A valuable contribution to the systematic study of Far Eastern Zoology.
- STERNFELD, R.**
 1910-30. See ADOLF FRIEDRICH OF MECKLENBURG.
1913. Die Reptilien und Amphibien Mitteleuropas. 8vo. pp. 82. 30 col. *pl. text-figs.* Leipzig.
- STETTIN.**
 1877-1911. See ZEITSCHRIFT FÜR PRAKTISCHE GEFLÜGELZUCHT UND ORNITHOLOGIE.
 1919-30. Abhandlungen und Berichte der Pommerschen Naturforsch. Gesellschaft.
- STETTNER, TH.**
 1924. Mittelfränkische Naturforscher von 1720-1820. 8vo.
- STEVENSON, FRED. J.** See TIMINS, DOUGLAS, 1929.
- STEVENSON, HENRY** [1833-88] and **SOUTHWELL, THOMAS**.
 1866-90. The birds of Norfolk. 3 vols. 8vo. Vol. 1, pp. lxxii+445. 2 pl. (col.). *index.* Vol. 2, pp. x+449. 3 pl. *index.* Vol. 3, pp. xviii+432. 4 pl. (col.). *index.* London.
 1879. Memoir of . . . R. Lubbock. See LUBBOCK, R.
 1880. On the abundance of pomatorhine and smaller skuas on the Norfolk coast in October and November, 1879. 8vo. pp. 24.
 Repaged excerpt (*Trans. Norfolk and Norwich Naturalists' Soc.*, 1880).
- STEVENSON, O. J.** 1906. See SILCOX, SIDNEY S.
- STEVENSON, SARA YORKE**.
 1894. The feather and the wing in early mythology. 8vo. pp. 40. 3 pl. Philadelphia?

Steiner, H. 1912. Die ontogenet. u. phylogenet. Entwicklung d.
Vogelflügelskeletts. 117 fig.

Nature rambles: An introduction to country lore. v.1. Winter to spring. v.2. Spring
to summer. v.3. Summer to autumn. v.4. Autumn to winter. Each vol: 160p.
illus., 31 pls. (part col.)

→ Stewart, Malcolm. 1933 Ronay. a description of the Islands
of North Rona and Sgeir.

→ Stieda, L. 1868-70. Über das centrale Nervensystem der Krokergänsche.
2 pts. in 1 vol. 8vo. 4 pls.

STEVENSON-HAMILTON, J.

1929. The Low-Veld: its wild life and its People. With Foreword by Lt.-Gen. J. C. Smuts. 8vo. pp. 288. 16 pl. *index.* London.

An admirable scientific and popular description (the result of 25 years study) of the wild life in the lowest zone of the Transvaal. Included is an account of the Kruger National Park—a reserve that protects the flora and fauna of Southern Africa. The appendix gives a list (both systematic and vernacular) of the animal and plant life of the region.

STEWART, CHARLES [fl. 1787–1817].

1801–2. Elements of natural history, being an introduction to the *Systema naturae* of Linnaeus. 2 vols. 8vo. Vol. I, pp. iv+408. 6 pl. *bibliogr. glossary. index.* Vol. II, pp. iv+491. 6 pl. *bibliogr. glossary. index.* London.

Published anonymously, and very rare. This work is divided up into six classes, (I) Mammalia, (II) Birds, (III) Amphibia, (IV) Fishes, (V) Insects, and (VI) Vermes. The present copy, from the library of Major Mullens, has a note that a second edition, with considerable additions, was published in 1817, with the author's name attached.

1817. Elements of the natural history of the animal kingdom. 2 vols. 8vo. Vol. I, pp. vi+446. 6 pl. *bibliogr. index.* Vol. II, pp. 511. 6 pl. *bibliogr. glossary. index.* Edinburgh.

The second edition, with considerable additions, and with the author's name attached, this not appearing in the first edition.

STEWART, H. E.

1897. The birds of our [British] country. 12mo. pp. viii+397. *front. 145 figs. index.* London.

STEYER, KARL.

n.d. Die Natur am Meeresstrande. 8vo. pp. 88. *illust.* Leipzig.

STIEDA, LUDWIG [1837–].

1886. Karl Ernst von Baer. Eine biographische Skizze. 2nd ed. 8vo. pp. 12+301. *portr.* Braunschweig.

STIGAND, CHAUNCEY HUGH [1877–1919].

1923. Equatoria; the Lado [Sudan] Enclave. 8vo. pp. lv+253. 5 maps. 7 figs. *append. bibliogr. index.* London.

STILES, CHARLES WANDELL [1867–].

1898–9. See UNITED STATES. FISHERY REPORTS.

1912. Index-Catalogue of Veterinary Zoology. 8vo. [O. 7351.] Washington.

STILL, JOHN.

1930. The Jungle Tide. 8vo. pp. 8+254. *illust.* Edinburgh.

A charming series of chapters, mainly on the natural history of Ceylon where the author held an official position for many years.

STILLINGFLEET, BENJ. [1702–71].

1762. Miscellaneous Tracts relating to Natural History, etc. 2nd ed. 8vo. [O.] London.

The author was an early supporter of Linnaeus. This work, introducing his *Systema* for the first time to English readers, went through four editions.

STILLMAN, JACOB DAVID BABCOCK [1826–].

1882. The horse in motion as shown by instantaneous photography, with a study on animal mechanics. *folio.* pp. 8+127. 107 pl. (some col.). Boston.

STIRLING NATURAL HISTORY AND ARCHAEOLOGICAL SOCIETY, STIRLING, SCOTLAND.

1878–date. No issue 1914–18.

STOCK, CHESTER and MERRIAM, JOHN C.

1925. [Vertebrate] Paleontology of California and Oregon. 8vo. pp. 8+92. 10 pl. 54 text-figs. Washington.

1931. The Felidae of Rancho La Brea. 4to. Washington.

STOCKHOLM. Biologiska Föreningen.

1888–92. Förhandlingar. Verhandlungen des Biologischen Vereins in Stockholm. Vols. 1–4. 4to. *illust.* (All pub.)

STOCKHOLM. K. Svenska Vetenskaps-Akademien. (Founded 1739.)

1739–1930. Handlingar. 4 series.

1905–30. Arkiv för Zoologi.

1907. Carl von Linnés betydelse såsom naturforskare och lakare. Skildringar utgifna af Kongl. Vetenskapsakademien i anledning af tvåhundraårsdagen af Linnés födelse. 5 vols. 4to. pl. Uppsala.

STOCKHOLM. HOGSKOLAN. Zootomiska Institutet.

1884–1915. Arbeten. New series, 1919–30.

STODDARD, H. L.

1931. The Bobwhite Quail. 8vo. pp. 30+559. *illust.* London.

STOLICZKA, FERDINAND [1838–74] and **SHARPE, R. BOWDLER.**

1891. Scientific results of the second Yarkand mission. Aves, by R. Bowdler Sharpe. *folio.* pp. 18+153. 24 col. pl. *append.* London.

Dr. Stoliczka unfortunately perished on the Mission journey in 1874. The report on his ornithological collections was first prepared by Allan Hume, the MSS. of which, however, was stolen by a dishonest servant and sold for waste paper, during the rebuilding of a portion of Hume's museum at Simla. The collections were then brought over to England by Dr. Sharpe with the rest of the Hume collection, and from these, and other sources, the present monograph was prepared. The copy in hand is a presentation from the Secretary of State in Council of India.

STÖLKER, CARL.

1876. Die Alpenvögel der Schweiz. *folio. photos.* in 2 portfolios. St. Fiden bei St. Gallen.

STONE, ANDREW JACKSON [1859–].

1902. The Moose: where it lives and how it lives. The Deer Family. See ROOSEVELT, THEODORE.

STONE, WITMER [1866–].

1894. The birds of eastern Pennsylvania, etc. 8vo. pp. vii+185. *portr. 2 maps. 2 figs. bibliogr. addend. index.* Philadelphia.

An annotated list of 352 species of birds inhabiting the region, with notes on habits, distribution, etc.

1895. Check-list of North American birds. 2nd and revised ed. See AM. ORNITHOLOGISTS' UNION.

1900. Report on the Birds and Mammals . . . the McIlhenny Expedition to Pt. Barrow, Alaska. pp. 46. Philadelphia.

Although published in the *Proc. of the Phila. Acad. of Nat. Sciences*, 1900, this important title also appeared in an author's edition.

****** and CRAM, W. E.**

1902. American Animals. New York.

A reliable, popular treatment of the subject. The Blacker Library has the five printings of this title noted in this *Catalogue*.

[STONE, W. (contd.)]

**** and **CRAM**, W. E.

1903. American Animals. A Popular Guide to the Mammals of North America, North of Mexico, with intimate Biographies of the more familiar species. 8vo. col. illust. text-figs. London.

**** and **CRAM**, W. E.

1904. American Animals: the Mammals of North America. 8vo. col. pl. New York.

1908. The code of nomenclature adopted by the American Ornithologists' Union. See AMERICAN ORNITHOLOGISTS' UNION.

1908. The mammals of New Jersey. 8vo. pp. 211. 9 pl. Trenton, N.J.

Author's excerpt from the *Annual Report of the New Jersey State Museum*, 1907.

**** and **FOWLER**, HENRY W.

1909. The Annual Report [1908] of the New Jersey State Museum . . . with a report of the Birds . . . New Jersey Fishes, Amphibians and Reptiles. 8vo. pp. 432. front. 84 pl. index. Trenton, N.J.

Part I of this report contains the general annual report for 1908, and Part III, the notes on fishes, amphibians, and reptiles by Henry W. Fowler, that of Part II being devoted to a descriptive catalogue of the birds of New Jersey. Concise descriptions of each avian species are followed by notes on distribution, local occurrence, song, habits, etc., with a Key under family headings for the identification of species.

1910. Check-list of North American birds. 3rd ed. (revised). See AMERICAN ORNITHOLOGISTS' UNION.

1912. The phylogenetic value of color characters in birds. Author's reprint. *Journal of Natural Sciences of Philadelphia*. 4to. pp. 5. 1 col. pl. 10 text-figs. Philadelphia.

Written to emphasize the need of a more thorough study of the coloration of birds, especially of the juvenal plumages of brilliant tropical birds.

**** and **CRAM**, W. E.

1918. American Animals. A Guide to the Mammals of North America, North of Mexico, with Intimate Biographies, etc. 4to. pp. 318. col. pl. illust. text. New York.

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1922. American animals; a popular guide to the mammals of North America north of Mexico, with intimate biographies of the more familiar species. 4to. pp. 23+318. col. pl. text-figs. Garden City, N.Y.

Forming one of the volumes of the *New Nature Library*.

1924. The Ornithology of Today and Tomorrow. 4to. pp. 25. Cambridge (Mass.). Privately printed.

1927. Ornithology of Patagonia. Reports of the Princeton University Expeditions to Patagonia, 1896-9. folio. pp. 719-857. 15 col. pl. Princeton, N.J., and Stuttgart, Germany.

This fine treatise forms vol. II, part 5, on the Psittacidae-Icteridae of the explored areas. The Reports are edited by William B. Scott and the series is issued by the Pierpont Morgan Publication Fund. The volume in hand is a presentation copy from the author.

STONEHAM, H. F. 1929. See BATELEUR (THE).

STONER, DAYTON.

1918. Rodents of Iowa. pp. 176. 36 text-figs. Dayton, Iowa.

1924. Spring birds. Author's reprint. (Iowa State) University Service bulletin. 1924.) 8vo. pp. 8. Iowa City, Iowa.

1924. Winter birds. 8vo. pp. 8. Iowa City, Iowa.

STONEYHURST MAGAZINE. 1888. See ANONYMOUS. Birds of the Stoneyhurst district.

STONHAM, CHARLES [1858-1916].

1906-11. The birds of the British Islands. . . . Illustrated by Lilian M. Medland. 5 vols. 4to. Vol. I, pp. vii+152. 64 pl. 2 maps. 2 figs. Vol. II, pp. vii+153-324. 60 pl. Vol. III, pp. vii+325-514+(12). 73 pl. Vol. IV, pp. vii+515-706. 50 pl. Vol. V, pp. viii+707-976. 71 pl. glossary. bibliogr. 2 indexes. London.

A popular account of British birds. The plates vary, some being excellent. The work appeared in 20 parts. The covers of the parts are, in this library copy, bound in at the end of the volumes.

**** and **BAKER**, E. C. STUART.

1930-date. The Birds of the British Islands. 6 vols. 4to. photogravure pl. 318 illust. index. New, enlarged and revised edition by E. C. Stuart Baker.

A reliable, semi-popular work that brings the whole subject up to date. It seems a pity that the publishers were not able to employ colored instead of black-and-white illustrations for so admirable a treatise.

STORER, DAVID HUMPHREYS [1804-91].

1838-9. See MASSACHUSETTS, STATE OF.

**** and **PEABODY**, W. B. O.

1839. Report on the Fishes, etc., of Massachusetts. 8vo. 4 pl. Boston.

1846. A Synopsis of the Fishes of North America. 4to. pp. 298. (Wanting.) Cambridge, Mass. Originally published as a *Memoir of the American Academy*, Boston.

STORER, TRACY IRWIN and **GRINNELL**, J.

1924. Animal life in the Yosemite; etc. See GRINNELL, J. and STORER, T. I.

STORIES FROM NATURE. 1897-8. Deland.

STORMY PETREL. A paper devoted to Oology and Ornithology.

1890. Pub. and editors: M. Smith & Co., Mendota, Illinois. 8vo.

F. L. Burns (*Bibliog. of rare North Am. periodicals devoted to ornithology*, 1915, No. 123) notes: Vol. I, 1890, Nos. 1-5. pp. 32 (all issued). Each no. paged separately. The periodical was the successor of *The Exchange*, and contained notes by S. H. Bowditch, E. B. Peck, J. W. P. Smithwick, and other ornithologists.

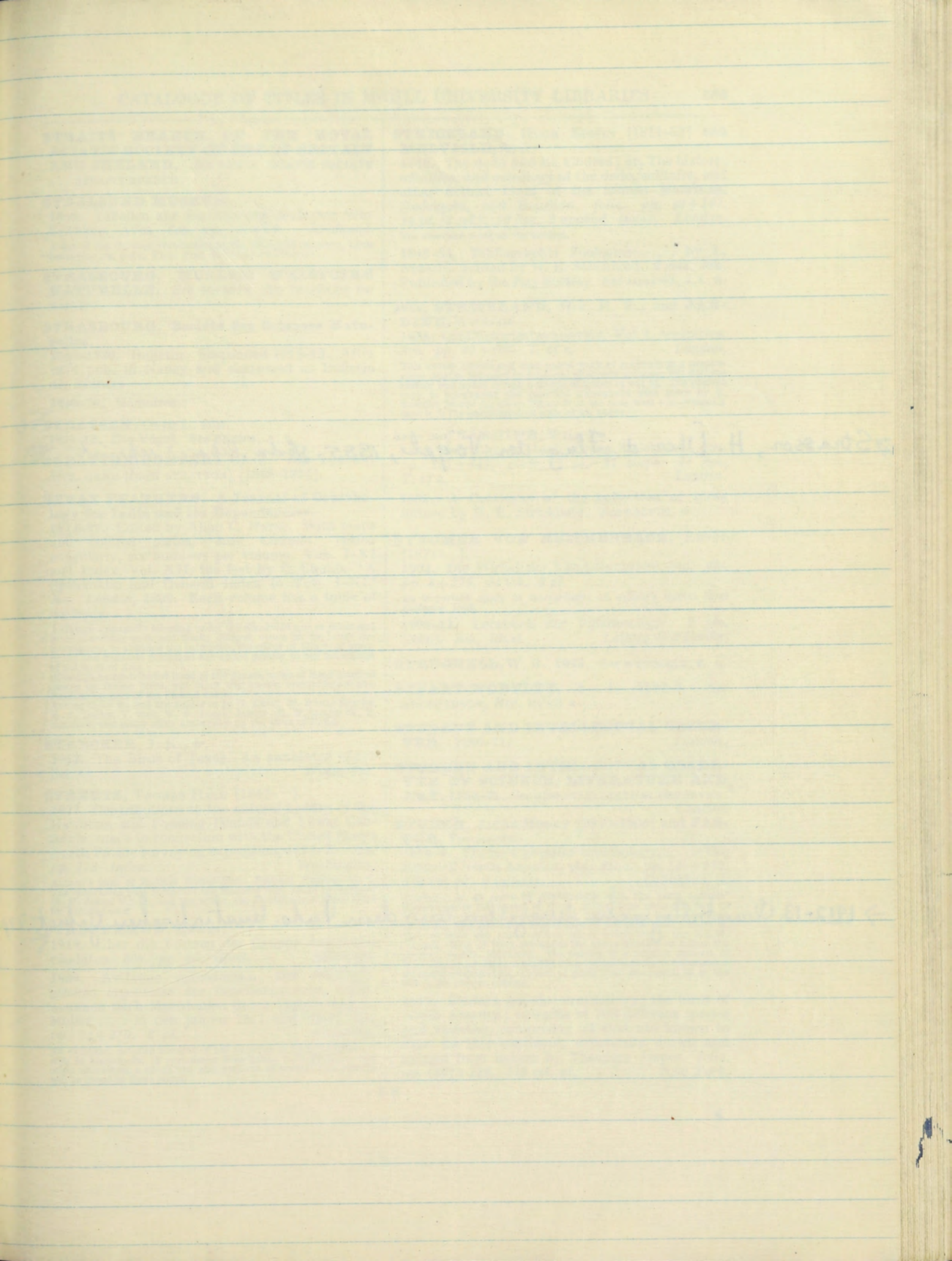
STRADANUS, J. 1566. See STRAET, JAN VAN DE.

STRAET, JAN VAN DE [1536?-1605].

1566? Venationes ferarum, avium, piscium. Pugnae bestiariorum: & mutuae bestiarum, depictae a Joanne Stradano: editae a Philippo Gallaeo: carmine illustratae a C. Kiliano Dufflaeo. 4to. 101 pl. Latinized name of author Johannes Stradanus. Antwerp.

This curious treatise on hunting birds and beasts, and on animal contests (bull-baiting, etc.) is well illustrated by numerous plates. Souhart's *Bibliographie Générale des Ouvrages sur la Chasse*, p. 446, places the date of one copy at 1580 with 104 pl. Perhaps the copy in hand (undated) is the one referred to. In any event the example in the Blacker Library (q.v.) certainly is.

1580. Venationes ferarum, Avium, Piscium, Pugnae Bestiariorum, etc. Eng. title. folio. 97 (of 105) pl. Antverpiae.



→ Strasser, H. Über d. Flug der Vögel, 1885. 86dn. Repeated reprint

→ 1912+13. Ornithologische Mitteilungen aus dem Indo-Australischen Gebiet. 70

STRAITS BRANCH OF THE ROYAL ASIATIC SOCIETY OF GREAT BRITAIN AND IRELAND. See ROYAL ASIATIC SOCIETY . . . STRAITS BRANCH.

STRALSUND MUSEUM.

1869. Tabellen zur Bestimmung deutscher Wirbelthiere. Aves. 8vo. pp. [2]+38. *Stralsund.*

A list of the German vertebrates in the Stralsund Museum, birds occupying pp. 9-24. From Prof. Reichenow's library.

STRASBOURG, MUSÉUM D'HISTOIRE NATURELLE. See SOCIÉTÉ DES SCIENCES DE NANCY.

STRASBOURG. Société des Sciences Naturelles.

1868-1930. Bulletin. Suspended 1914-19. After 1874 pub. in Nancy and continued as Bulletin des Séances.

1830-70. Mémoires.

STRASSEN, OTTO L. ZUR.

1911-13. Die Vögel. See BREHM, A. E.

STRATTON-PORTER, GENE. See PORTER, Mrs. GENE (both STRATTON) [1868-1924].

STRAY FEATHERS. A Journal of Ornithology for India and its Dependencies.

1872-99. Edited by Allan C. Hume. With maps and colored plates. 8vo. *Calcutta.* Issued irregularly, six numbers per volume. Vols. I-XI and Index, Vol. XII, the last by C. Chubb. 'A Systematic and General Index to Vols. I-XI.' 8vo. *London,* 1899. Each volume has a table of contents.

Although constantly laboring under the disadvantages of other and more absorbing work and finally obliged, owing to the latter circumstances, to abandon the enterprise, the editor of this most interesting and valuable periodical has added greatly to our knowledge of the birds of Asia.

Although he contributed most of the papers, some of them classical essays on Indian birds, yet other well-known ornithologists also furnished papers of the highest value.

Among these we find the names of D. G. Elliot, W. Edwin Brooks, E. A. Butler, V. Ball, W. V. Legge, Jerdon, E. W. Oates, W. T. Blanford, and many other authorities on the birds of India.

STRECKER, J. K., jr.

1912. The Birds of Texas. An annotated check list. *Waco, Tex.*

STREETS, THOMAS HALE [1847-].

1877. Contributions to the natural history of the Hawaiian and Fanning Islands and Lower California, made in connection with the United States North Pacific surveying expedition, 1873-75. 8vo. pp. 172. *index.* *Washington.*

Author's issue of *Bulletin United States National Museum*, No. 7. The collections that furnished the material were made by Surgeon W. H. Jones, U.S.N., and the writer, the identification of the birds by Elliott Coues.

STRESEMANN, ERWIN.

1919. Über die Formen der Gruppe *Aegithalos caudatus*. 8vo. pp. 56. *illustr.* *München.*

1920. Avifauna macedonica. Die ornithologischen ergebnisse der forschungsreisen, unternommen nach Mazedonien durch Doflein und L. Müller . . . in den jahren 1917 und 1918. 8vo. pp. 24+270. 6 pl. *München.*

An excellent, detailed account of 168 varieties of birds collected or seen in Macedonia. A systematic description, with plumage and other characters, a check list, and mention of several new species will be found in these pages.

STRICKLAND, HUGH EDWIN [1811-53] and **MELVILLE, A. G.**

1848. The dodo and its kindred; or, The history, affinities, and osteology of the dodo, solitaire, and other extinct birds of the islands Mauritius, Rodriguez, and Bourbon. *folio.* pp. iv+141. 18 pl. (2 col.). 10 figs. 2 append. *index.* *London.* The standard work on the subject.

1848-54. *Bibliographia Zoologiae* . . . by L. Agassiz. Edited by H. E. Strickland. 4 vols. 8vo. Published by the Ray Society. See AGASSIZ, J. L. R.

****, **STRICKLAND, Mrs. H. E.,** and **JARDINE, WILLIAM.**

1855. *Ornithological synonyms.* Vol. I. *Accipitres.* 8vo. pp. 46+222. *T. of c.* *London.*

This widely known and very useful work of reference is a posthumous treatise intended to form one of several volumes, but nothing further was issued except a couple of sheets of vol. II. The present copy is interleaved and crowded throughout with notes by R. Bowdler Sharpe (in whose library it at one time was) who evidently used it in the preparation of some of his works.

**** and **JARDINE, WILLIAM.**

1858. *Memoirs of Hugh Edwin Strickland.* 8vo. pp. 287+441. *portr.* 9 pl. 11 maps. 41 figs. *T. of c.* *London.*

1882. A Catalogue of the collection of birds formed by H. E. Strickland. See SALVIN, O.

STROMER VON REICHENBACH, ERNST [1871-].

1902. Die Wirbel der Land-Raubtiere, etc. 4to. pp. 8+276. 24 tab. 5 pl.

An important study in morphology; an author's reprint from *Zoologica*, 1902.

1909-12. *Lehrbuch der Paläozoologie.* 2 pts. (vols.). 8vo. *illustr.* *Leipzig and Berlin.*

STRUGNELL, W. B. 1892. See WITCHELL, C. A.

STUART-WORTLEY, A. J. 1893-5. See MACPHERSON, Rev. HUGH A.

STUDENT AND INTELLECTUAL OBSERVER. 1868-71. *London.*

STUDENT AND INTELLECTUAL OBSERVER OF SCIENCE, LITERATURE AND ART. 1868-71. See also INTELLECTUAL OBSERVER. *London.*

STUDER, JACOB HENRY [1840-1904] and **JASPER, THEODORE.**

1874-5. Studer's popular ornithology, . . . The Birds of North America, etc. *folio.* pp. (4)+182. 119 col. pl. 2 indexes. *Columbus, O.*

Published in 40 parts in combination with the same authors' *Ornithology, or the Science of Birds*, 1878. Coues gives the date of issue of the first part as January 29, 1874, and the last as October 1878, and lists five other impressions of the same work; there is, also, at least one other edition, all of which are in the E.S.W. Library. Most of them are under the above heading or follow the caption, JASPER, THEODORE. The treatise is a popular account of North American birds, compiled from various sources and illustrated by chromolithographs. Covers of parts 1-20 are bound in at the end of the present volume.

1881. Studer's popular ornithology; the birds of North America; upwards of 700 different species and varieties, comprising all that are known to exist on this continent, artistically drawn and colored from nature by Theodore Jasper. *folio.* pp. [10]+182. 119 col. pl. *New York.*

[**STUDER**, J. H. (contd.)]

1894. The birds of North America, prefaced by a systematic table arranged according to the classification adopted by the American Ornithologists' Union. *folio. illust.* New York.

1897. The Birds of North America, etc. *folio. pp. 182. 119 col. pl. index.* New York.

1903. Birds of North America, etc. *folio. pp. 190. 119 col. pl.* New York.

n.d. The Birds of North America, etc. *folio. pp. 182. 119 col. pl. index.* Montreal.

Another of the numerous family of Studer-Jasper volumes that differ from one another mostly in the title, year, and place of publication, the text and illustrations being practically identical.

n.d. Birds of North America, etc. *4to. 119 crayon pl.* (T. Jasper.) New York.

Still another printing, differing from those listed *supra* by a slight difference in size and in the lettering of the title-page.

STUDER, THEOPHIL [1845-1922], **FATIO**, VICTOR, and **BURG**, GUSTAV VON; **KNOPFLI**, W. and others.

1889-1930. Katalog der Schweizerischen Vögel. Lieferungen I-XVI. *Svo. pp. 3,279. 21 col. charts. indexes.* Basel, Bern, and Genf.

This excellent description of Swiss birds was begun by Studer and Fatio and continued by Burg in 1907. A French edition—*Catalogue des Oiseaux de la Suisse*, closely translated from the German, appeared at about the same dates. With the 13th part the titles were altered, to *Die Vögel der Schweiz* and *Les Oiseaux de la Suisse* respectively. The Lieferungen are continuously pagged and there is in Lief. XI an index to the first eleven parts. Distributional, colored, maps are also furnished. Unfortunately there are no colored pictures of the 274 species of birds. The present series is a presentation copy from G. von Burg.

**** and **FATIO**, VICTOR.

1892. Catalogue distributif des oiseaux de la Suisse. *Svo. pp. 69. map.* Berne.

The title and contents given in French, Italian, and German.

**** and **BURG**, GUSTAV VON.

1916. Verzeichniss der schweizer Vögel und ihrer Verbreitungsgebiete. *Svo. pp. 92. illust. 1 col. map.* Bern.

First published in both French (*Catalogue*) and German (*Katalog*) in 1892 by Studer and Fatio alone. In the present printing von Burg takes Fatio's place. There are blank pages provided for notes on the 360 species of Swiss birds whose systematic names are given, followed by the vernacular equivalents in German, French, and Italian and a brief description of each bird.

→ **STUHLMANN**, FRANZ LUDWIG [1863-].

1891-1901. Zoologische Ergebnisse einer in den Jahren 1888-90 . . . Ost-Afrika unternommenen Reise. *2 vols. Svo.* (Wanting.) Berlin.

The mammals of this important expedition were described by T. Noack, *pp. 88, 2 col. pl.*, 1891; birds by A. Reichenow, *pp. 27, 1893*; reptiles and amphibia by G. Pfeffer, *pp. 37, 2 pl.*, 1893; fishes by the same writer, *pp. 49, 3 pl.*, 1893.

STURGIS, Mrs. BERTHA BEMENT.

1928. Field-book of Birds of the Panama Canal Zone. *Svo. pp. 39+466. 6 col. and 18 plain pl. 107 text-figs. map.* New York.

A very useful handbook dealing with 434 species. Keys are furnished to the humming-birds and trogons.

STURM, FRIEDRICH. 1820-60. See NAUMANN, JOHANN ANDREAS.

STURT, CHARLES [1795-1869].

1833. Two expeditions into the interior of southern Australia, during 1828-31. *2 vols. Svo.*

Vol. I, *pp. 80+219. 5 pl. (2 col., birds). map. 6 append.* Vol. II, *pp. 5+271. 9 pl. (2 col., birds). 2 append.* London.

This is the rare *editio princeps*, marked 'wanting' in the *Cat. Br. Mus. (Nat. Hist.)*.

1849. Narrative of an expedition into central Australia . . . during 1844-6. *2 vols. Svo.* Vol. I, *pp. 10+416. 8 pl. (4 col.). 1 map. 11 figs.* Vol. II, *pp. vi+308+92. 8 pl. (2 col.). 4 figs.* T. of c. *append.* London.

An account of one of several exploratory excursions into various regions of Australia, the first one of which included the natural history of New South Wales and appeared in 1833, with a second edition in 1834. The Appendix of vol. II, present title, contains the natural history report.

STURTEVANT, EDWARD.

1899. See HOWE, R. H. and STURTEVANT, E.

1903. See HOWE, R. H. and STURTEVANT, E.

STUTTGART, *Naturaliensammlung.*

1896-date. *Mitteilungen.*

1896-1917. As (K.) *Naturalienkabinett.*

STUTTGART, *Verein für vaterländische Naturkunde in Württemberg.* (Founded 1844.)

1845-1930. *Jahreshefte.*

STUXBERG, ANTON JULIUS [1849-1902].

1895. Sveriges och Norges fiskar. *Svo. pp. 4+678. 308 figs.* Göteborg.

A systematic and important study of Scandinavian fishes.

→ **SUCHETET**, ANDRÉ [1849-].

1894. Histoire du bimaculated duck de Pennant. *4to. pp. 5+49. 4 pl. (2 col.).* Lille.

1896. Des hybrides à l'état sauvage. Règne animal. 1. volume. (Classe des oiseaux.) *4to. pp. 152+1001. index.* Lille.

A comprehensive study of avian hybrids—probably the most complete work on this subject in any language. It is, unfortunately, not illustrated. So far as the Compiler knows none of the other (advertised) volumes in this series were issued. In the present copy the title-page is dated 1896. The Ayer *Catalogue* has it 1897.

SUCKLEY, GEORGE [1830-1905] and **COOPER**, J. G.

1859-60. The Natural History of Washington Territory and Oregon . . . Minnesota, Nebraska, Kansas, Utah and California, etc. Pts. I-III. *4to. illust.* New York.

Copies of this admirable work (in three parts) are becoming rare. The material in the present volume has been variously utilized in the preparation of other publications, most of which have been listed in the appended catalogue. According to the preface the description of the collected vertebrates is by G. Gibbs and G. Suckley, Water Birds having been written entirely by the latter. The *Zoological Report*, Part III, *pp. 8+399+72*, is illustrated by 54 fine colored plates. See also COOPER, J. G., 1859.

SUE, P.


1808. Tables analytiques et raisonnées pour la nouvelle édition de l'Histoire Naturelle de Buffon. *3 vols.* (Wanting.) Paris.

SUFFOLK INSTITUTE OF ARCHAEOLOGY AND NATURAL HISTORY. 1848-date. Ipswich.

SUISANKAI. (Journal of the Fisheries Society of Japan.) 1883?-date. Tokyo.

SULPHUR, VOYAGE OF THE. 1843-4. See HINDS, RICHARD BRINSLEY.

- ← *Studia Sinaitica*. XII. Only one facsimile of dated Christian Arabic
manuscript. With text and English translation by A. S. Lewis and
M. G. Gibson. With introductory observations on Arabic calligraphy by Rev. D. S.
Margoliouth.
- ← Alvarez de Ribera, Francisco. 1773. *Nuevamente ilustrado, y añadido, demonstrando
las figuras de plantas, y animales en estampas finas.*

Sussex, A.  Capt. H. S. Gladstone's title page also dated 1896.

Sunzel, 1926. Vogelfauna von Hessen, Inaug. Dis.

→ ~~Sunzel, R. S. 1922. Stillington Hall; or the Cockney Squire .
A Tale of Country life . Illus., 12 col pl., 8vo,
140 519. New York and London.~~

SUMICHRAST, FRANCIS E. [1828-82].

1876. Birds of Southwestern Mexico. *8vo.* pp. 56. *U.S. Nat. Mus. Bulletin*, No. 4.

The work of arranging and describing this collection was done chiefly by G. N. Lawrence.

SUNDEVALL, CARL JACOB [1801-75].

1836. Ornithologiskt System; af C. J. Sundevall. *no t.-p.* pp. 43-130. *Stockholm.*

An early exposition of the author's peculiar system of classifying birds, and a forerunner of his *Tentamen*, 1872-3. The present volume is a separately bound pamphlet from the Godman Library.

1856-87. Svenska Foglarna med Text; tecknade och Lithographierade af Peter Akerlund. 4 vols. and *Atlas*. 4to. pp. 1,570. 84 col. pl. *T. of c.* *Stockholm.*

An interesting and systematic account of 238 species of birds observed in Sweden by this well-known ornithologist. The plates are well made and greatly assist the identification of varieties. The work appeared in 22 parts, at irregular intervals. After Sundevall's death three supplementary volumes were published, the last part, XL, in 1887. A collation of all these parts is given by Zimmer (*Ayer Cat.*, p. 610). A complete set is rare.

?1857. Einleitung zu seinem Versuch einer natürlichen Eintheilung der Vogel-classe aus dem Schwedischen übersetzt und mit Zusätzen versehen von W. Meves; hrsg. vom Permanenten Internationalen Ornithologischen Comité. *8vo.* *no t.-p.* pp. 53.

This is a translation of Sundevall's Natural System of classification of birds in order to render it more accessible to ornithologists than the Swedish original. The latest date referred to in the text is 1857.

1857. Kritisk framställning af Fogelarterna uti äldre Ornithologiska arbeten. 1. Museum Carlsonianum. 2. Le Vaillant, Oiseaux d'Afrique. 4to. pp. 60. *Stockholm.*

Author's reprint from the Cabanis collection.

1863. See ARISTOTLE.

1866. Conspectus avium picinarum. *8vo.* pp. 14 + 116. *index.* *Stockholmia.*

A complete review of Melherbe's *Monographie des Picidées*, 1859-62, an index to which prefaces this work. The copy in hand is from the library of P. L. Sclater who has added numerous marginal notes on many of the woodpeckers.

1869. [Opera minora.] 4 pls. in 1 vol. *8vo.* *no t.-p.* *Öfversigt af Kongl. Vetenskaps-Akad. Förhandlingar*, 1869, no. 6. Paged continuously.

1872-3. Methodi naturalis avium disponendarum tentamen. Försök till fogelklassens naturenliga uppställning. 4to. pp. 69 + 187 + 12. 1 pl. *append. index.* *Stockholm.*

An exposition of the author's system of classification of birds. Numerous new genera and one new species are described. The treatise was issued in two parts, the first in 1872, the second in 1873, having been delayed by the illness of the author. The introduction is given in both Swedish and French.

1872. Om Rudbecks Fogelbok. 4to. pp. 20. *Uppsala.*

A reprinted account of a pre-Linnean, seventeenth-century 'Bird Book' in which several hundred species are more or less plainly pictured. From the Cabanis-Reichenow collection.

1889. Sundevall's Tentamen. [Methodi naturalis avium disponendarum tentamen]; tr. into English with notes by Francis Nicholson. *8vo.* pp. 14 + 316. *portr.* 2 *append. index.* *London.*

An English translation of a well-known ornithological fundamental, first published in 1872-3. In it is given the author's own classification. For each species the types, including those new to science, are given, while many new genera are also described. The portrait was made especially for this edition. The work is quite rare and is not mentioned in any of the standard catalogues. The present copy is from the Godman Library.

1893-5. See FRIES, B.

SUNDIUS, PETRUS (PETER SUND).

1742. Surinamensis grilliana. Inaug. Diss. *8vo.* *illust.* Carolus Linnaeus, Professor. *Stockholm.*

A study in natural history based on the Grill collection of Surinam fauna. It is interesting as the candidate was a student in the class of the celebrated Linnaeus, at the time professor of botany and medicine in the University of Stockholm and who certainly supervised the preparation of the paper. It is a typical example of the inaugural dissertation about the middle of the eighteenth century.

SUNDMAN, GÖSTA and PALMÉN, JOHANN AXEL.

1879-88. Finska Fogelägg. *folio.* pp. 52. 25 pl. (*col.*, 234 *figs. of eggs.*) *Helsingfors.*

A series of good chromolithographic plates of the eggs of Finnish birds by Sundman, with introduction and text in Swedish and Finnish by J. A. Palmén. The work was issued in nine parts with three plates in each of parts 1-7 and two in each of parts 8 and 9, parts 1 and 2 appearing in 1879, and 8 and 9 in 1888. The text by Palmén was issued with parts 1-5 in German and English (according to the *British Museum Catalogue*), but in the copy at hand it is in Swedish and Finnish. The figures on the plates are in Latin, Swedish, and Finnish. The original covers are bound in.

SUNDSTRÖM, CARL RUDOLF.

1877. Fauna oefver Sveriges Rygggradsdjur. *Stockholm.*

1886. Verzeichniss der Vögel Schwedens. *8vo.* pp. 13. *Stockholm.*

A list of 302 birds visiting or indigenous to Sweden, with a systematic arrangement in tabular form. From Prof. Reichenow's library.

SUNNY SOUTH OOLOGIST.

1886. A Monthly devoted to the interest of Ornithologists and Oologists. Edited and published by Edwin C. Davis. 12mo. *Gainesville, Texas.* Frank L. Burns notes: Vol. I, 1886, Nos. 1-3, Mar.-May. pp. 40.

Suspended and subscriptions returned. A neat little magazine containing notes by W. L. Kells, G. Noble, Geo. H. Selover and other writers on ornithological subjects.

SUOLAHTI, HUGO.

1909. Die deutschen Vogelnamen; eine wortgeschichtliche Untersuchung. *8vo.* pp. 34 + 540. *index.* *Strassburg.*

A valuable contribution to classification, with a complete bibliography of German avifaunal glossaries, dictionaries, and cyclopedias.

SUPINO, FELICE.

1916. I pesci d'acqua dolce d'Italia. 4to. pp. 12 + 87. 30 col. pl. 31 *text-figs.* *index.* *Milano.*

An excellently written, systematic, and popular manual on the freshwater fishes of Italy.

SUSCHKÏN (OR SUSHKÏN), PETER PETROVÏCH.

1899. Nouveaux Mémoires. 4to. *Moscow.*

SUSEMIHL, ERWIN EDWARD. 1839-51. See SUSEMIHL, JOHANN CONRAD.

SÜSEMIHL, JOHANN CONRAD [1767-1837].

1839-51. Abbildungen der Vögel Europas. 36 Lief. 4to. pp. 116 + 16. 106 col. pl. *Stuttgart.*

There were quite a few changes in title of this fine atlas. Several names—E. E. Susemihl, F. Gergens, and Dr. Schlegel—were associated in its publication at various dates while (as the subtitle explains) the text that ends abruptly with p. 116 is that of Temminck's *Manuel d'Ornithologie*. In most copies no formal title, apart from the wrappers of the several parts, is shown, and there are several other signs of incompleteness about the work. According to the *Cat. Br. Mus. (Nat. Hist.)*, pp. 1-100 of Schlegel's text, *Diurnal Birds of Prey*, with 44 of the colored plates were separately issued as the well-known *Die Europäischen Tag-Raubvögel beschrieben von H. Schlegel*. The copy in hand has the original wrappers bound in and the very rare formal title-page.

[SUSEMIHL, J. C. (contd.)]

[1839-51]. [Abbildungen der Vögel Europas, herausgegeben, gezeichnet und in Stahl gestochen von J. C. Susemihl . . . und E. Susemihl . . . Text nach Temminck's Manuel d'Ornithologie und den vorzüglichsten neueren Schriften und mit Beiträgen von mehreren . . . Naturforschern, bearbeitet von . . . Dr. [F.] Gergens [and afterwards] Dr. Schlegel. 36 Lief.] 4to. pp. 116+16. 106 pl. (col.).

Stuttgart [Darmstadt and Leipzig, 1839-51].

Title supplied from the wrapper to Lief. 1 in the Printed Book Department, British Museum. Gergens' text (issued in Lief. 1 and 2) extended to 16 pp., and was replaced by Schlegel's; the title, which on the wrapper of Lief. 2 reads simply 'Susemihl's Vögel Europas', being changed to 'Die Vögel Europas. Gezeichnet', etc. Schlegel's text of 116 pp. ends abruptly in the midst of the Nocturnal Birds of Prey, and, though Homeyer was announced in 1851 (wrapper to Lief. 36, 2nd ed.) as about to continue it, no more letterpress appeared. Pl. 49 and onwards are therefore undescribed. Pp. 1-100 of Schlegel's text, the Diurnal Birds of Prey, with 44 pl. corresponding, was afterwards reissued under the title of 'Die Europäischen Tag-Raubvögel, beschrieben von . . . H. Schlegel'. This second copy in the E.S.W. Library, McGill, is the one usually found on the market.

SUTTON, GEORGE MIKSCH.

1928. An introduction to the birds of Pennsylvania. 8vo. pp. ix+169. front. (col.). 154 figs. index. Harrisburg, Pa.

Written by the State Ornithologist in popular style.

SUTTON, J. and MORGAN, A. M.

1924. An ornithological trip around Eyre peninsula. The nest and eggs of Diaphorillas textilis myal. A. M. Morgan. 8vo. pp. 46. 1 map (fold.). 1 fig. Adelaide.

Authors' reprint. An annotated list of birds comprises 144 species.

SVALEN. 1883-4.

The Compiler was informed by Hendrik Grönvold that the first two volumes of this periodical [The Swallow] were published at Copenhagen in 1883-4. It then remained dormant for a number of years but was revived and became the organ—published annually—of a society of the same name, 'Svalen', mostly devoted to birds, but also for the protection of animals in general, under the presidency of Madame Malvina Mehrn and (later) of Mr. Dedenroth-Berg, of Copenhagen. First editor and publisher, E. Madsen.

SVENSKA NATURSKYDDSFÖRENINGEN. See SVERIGES NATUR.**(K.) SVENSKA VETENSKAPSAKADEMIEN. Stockholm.**

1820-5. Arsberättelser.

1826-46. Arsberättelser om zoologiens framsteg.

1903-date. Arsbok.

1739-79. Handlingar. Series 1.

1780-1812. Handlingar. Series 2.

1813-54. Handlingar. Series 3.

1855-1923. Handlingar. Series 4.

1924-date. Handlingar. Series 5.

1823-5. Jahresbericht der Schwed. Acad. d. wissensch. u. d. fort. d. Naturgeschichte, anatomie und physiologie, etc.

1854-date. Lefnadsteckningar.

1844-1902. Öfversigt af . . . förhandlingar.

1919-date. Skrifter i Naturskyddsärenden.

SVENSK FISKERI-TIDSKRIFT.

1892-1930. 8vo. Stockholm.

SVERIGES NATUR. 1910-20? Stockholm.**SWAINSON, CHARLES.**

1885. Provincial names and folk lore of British birds. 8vo. pp. 10+243. front. bibliogr. 2 indexes. London.

Published by the *English Dialect Society* and the *Folk Lore Society*; a compilation of the provincial names of British wild birds, with popular sayings and superstitions attached to them. There are two copies in the McGill libraries, one donated by Peter Redpath from his private collection and the other from the library of R. J. Balston with his marginal notes.

SWAINSON, WILLIAM [1789-1855].

1820-3. Zoological illustrations, or Original figures and descriptions of new, rare, or interesting animals. First series. 3 vols. 8vo. 182 pl. (col.). bibliogr. indexes. London.

Plates of new, rare, or interesting animals, with one leaf of text to each plate. A second of this fine series was issued in 1829-33 (q.v.). The pages are not numbered in either series.

1829-33. Zoological illustrations; arranged according to their apparent affinities. Second series. 3 vols. 8vo. 136 pl. (col.). bibliogr. indexes. London.

1831. American ornithology. See WILSON, A. and JAMESON, ROBERT.

1831. Fauna boreali-americana. See RICHARDSON, Sir JOHN.

1834. A preliminary discourse on the study of natural history. 8vo. pp. 8+462. append. index. London.

1835. A treatise on the geography and classification of animals. 8vo. pp. 7+367. 55 figs. index. London.

1836-7. On the natural history and classification of birds. 2 vols. 338 figs. London.

The original edition of a classic treatise on avian nomenclature.

1836-7. On the natural history and classification of birds. 2 vols. 8vo. Vol. I, pp. vi+365. 113 cuts in text. Vol. II, pp. vi+398. 225 (114-338) text cuts. London.

The commoner of the two 'Cabinet' editions of this very useful textbook. With the exception of an added title-page this printing is identical with the original issue. The copies may, indeed, be unbound remainders provided with new titles and covers.

1837. (The) natural history of the birds of Western Africa. 2 vols. 12mo. Vol. I, pp. 16+286. 32 col. pl. portr. 9 text-figs. Vol. II, pp. 16+263. 9 text-figs. portr. index. Edinburgh.

Vols. VII and VIII of Jardine's well-known *Naturalist's Library*.

[1838]. Animals in menageries. (Lardner's Cabinet Cyclopaedia.) 12mo. pp. 6+373. front. 71 figs. 2 indexes. London.

1838. Animals in menageries. 12mo. London.

This copy differs from another issue only in having an added date and title-page.

1838. The natural arrangement and relations of the family of flycatchers, or muscipidae. 12mo. pp. 14+256. front. portr. 31 col. pl. Edinburgh.

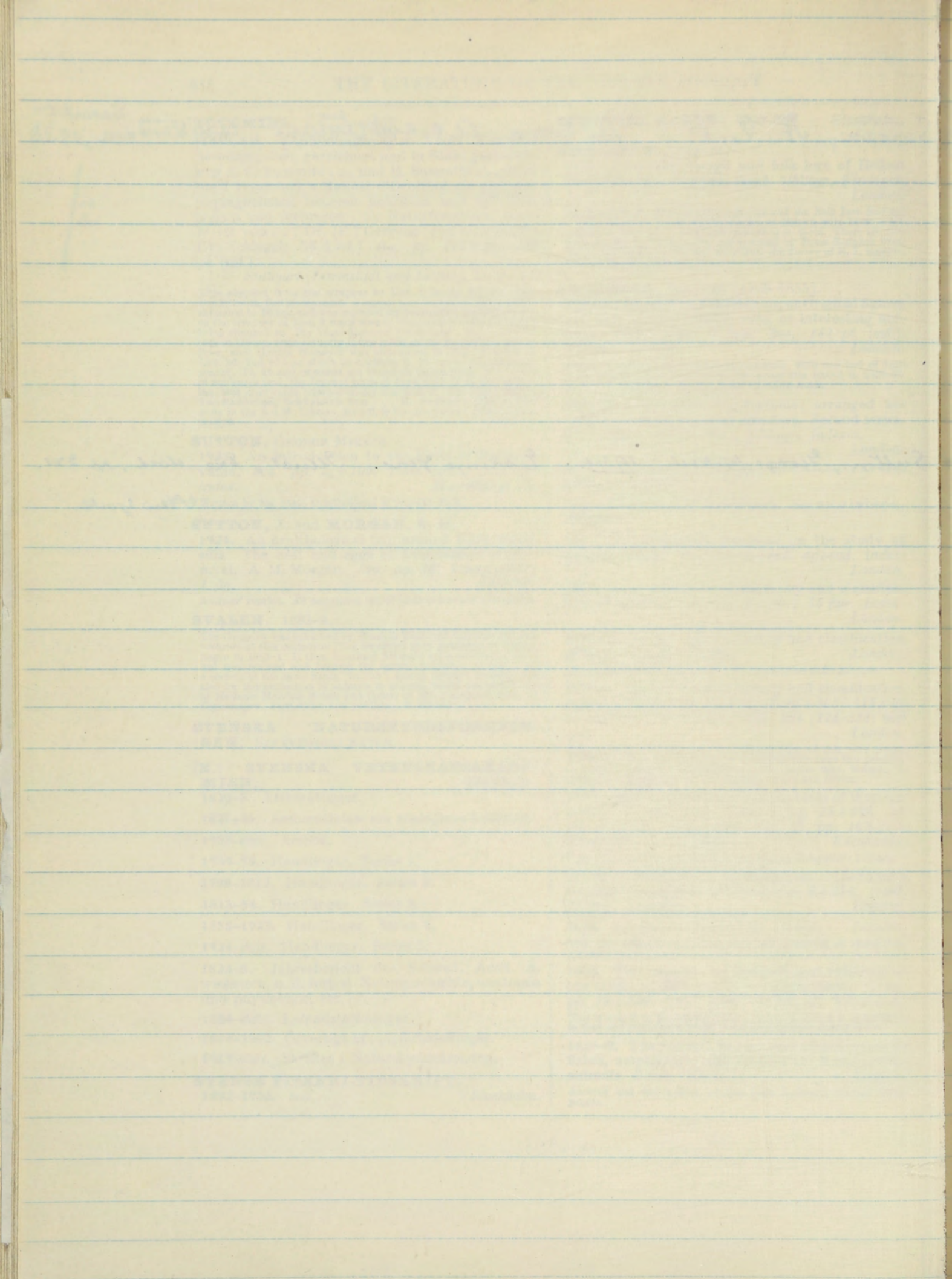
This is vol. X in the famous Jardine Library, and it is quite equal in text and illustration to the other monographs of that series.

1838-9. The natural history and classification of fishes, amphibians, and reptiles or, Monocardian animals. 2 vols. illust. London.

Another and well-written treatise from Lardner's *Cabinet Cyclopaedia*.

7 Swaen, A. C. H. De Cura Accipitrum, Amsterdam, ^{Excerpt} 1938

→ Sutton, George, Miksch. 1934. Tokimo Year. Illust., 8vo, cloth, 14 3/4.
New York.



1841. A selection of the birds of Brazil and Mexico. The drawings by William Swainson. *8vo. London.*

A series of 78 hand-colored plates of Neotropical birds, with a list of species prefixed, giving both English and Latin names, most of which appear on the plates. The work was issued originally in (probably) six parts of 13 plates each, 1834-6. No text appears to have been published with the original edition, the title of which was 'Ornithological Drawings'. All of the plates in the present copy are printed on fairly stout paper. Engelmann catalogues both this and the original edition as among the rarest books on South American ornithology.

SWAMMERDAM, JAN. [1637-80].

1669. *Historia Insectorum generalis, ofte Algemeene Verhandling van de bloedeloose Dierkens.* *4to.* Pub. by M. van Dreunen. *Utrecht (sic).*

The first edition (from the Osler Library) of a well-known treatise by this famous physician-naturalist. Most of his writings appeared in both Dutch and Latin and several of them were translated into English, French, and German, subsequently appearing in numerous editions. Although in the first instance a practising physician he paid most attention to entomology and comparative anatomy. He became melancholic (and was probably insane) before his death at the early age of 43, after falling under the influence of that religious fanatic, Antoinette Bourignon, with whose 'pious sentiments' his *Ephemeris Vita* is beclouded.

1675. *Ephemeris Vita, of, afbeeldingh van 's Menschen Leven, vertoont in de . . . Historie van het vliegeng ende een-dagh-levent Haft of Oever-Aas, &c.* *8vo.* *Amsterdam.*

This work (title from the Osler Library, O. 963) was also translated (by E. Tyson) and published in London, 1681.

1681. *Ephemeris vita, or the natural history and anatomy of the Ephemeron, etc.* Translated, with a preface, by E. Tyson. *4to. pp. 8+44+8. 5 pl. London.*

1685. *Histoire générale des Insectes . . . Avec des figures.* *4to.* *Utrecht.*

This is an exact rendering of the *editio princeps*, 1669, but issued from the press of a different publisher, J. Ribblius.

1758. *The Book of Nature; or, The History of Insects . . . Including the generation of the Frog.* With the Life of the Author, by Herman Boerhaave. Trans. from the Dutch and Latin original ed., by Thos. Flloyd. Revised and improved by Notes from Réaumur and others by John Hill. *fol. pp. 20+236+153+63. 53 pl. [O. 964.] London.*

Issued in two parts each with separate pagination; a collection of all Swammerdam's works. With the title *Biblia Naturae, etc.*, this same treatise had been issued by Boerhaave in 1737. It also appeared at various dates as the *Bybel der Natuur*; the *Bibel der Natur*, etc.

SWANN, HARRY KIRKE [1871-1926].

1893. *The birds of London.* *12mo. pp. 15+136. index. London.*

A useful pocket manual on the subject.

1895. *Nature in Acadie.* *8vo. pp. 8+74. append. London.*

An account of the author's first voyage from England to Nova Scotia and the birds he saw there. The Appendix contains a systematic list of the species of North American birds mentioned in the work, but is not intended to represent a complete list of Nova Scotian birds.

1896. *A concise handbook of [381 species of] British birds.* *pp. 8+210. append. London.*

1913. *A dictionary of English and folk-names of British birds.* *8vo. pp. 12+266. London.*

The preface states that this treatise embraces altogether 5,000 book-names from past authors, accepted-names of species, provincial, local, and dialect names in use in the British Isles, folk-lore, bibliography, and legends. Blank pages are provided for additional notes.

[1915]-17. Illustrations of the game birds and water fowl of South America. See GRÖNVOLD, H.

1919. *A Bibliography of British Ornithology.* See MULLENS and SWANN.

1919-20. *A synoptical list of the Accipitres (Diurnal Birds of Prey). Comprising Species and Subspecies described up to 1919, with their Characters and Distribution. Pts. I-IV.* *8vo. pp. 6+164. index and corrigenda. London.*

The title of this useful list fully explains the contents. The present copy is the author's own working volume with the wrappers bound in. The wrapper for part I is dated 1919, the title-page 1920.

1921-2. *A synopsis of the Accipitres (diurnal birds of prey) comprising species and subspecies described up to 1920, with their characters and distribution.* 2nd ed. *8vo. pp. viii+233+(8). index. 3 addend. London.*

A revised edition of the *Synoptical List of the Accipitres, 1919-20*. It was issued in four parts. The present copy is an autographed presentation.

1921-2. *A synopsis of the Accipitres, etc.* *4to. pp. viii+233+(10). front. (portr.). 55 pl. (col.). 22 pl. (col., eggs). index. 3 addend. London.*

Identical with the regular second edition in 8vo of the same date except for the size of the paper and the inclusion of a half-title, the colored plates of birds and eggs, and two leaves of explanation of the latter. The covers of the four parts are bound in at the end of the volume. The fine colored plates are by Keulemans, Wolfe, and others. The frontispiece portrait is of the author. The copy is No. 2 of 12 copies privately printed on large hand-made paper, and is an autographed presentation from the author to Dr. Casey Wood.

1923. *A bibliography of British ornithology from the earliest times. Supplement: A chronological list of British birds.* *8vo. pp. xvii+42. London.*

This supplement to Mullens and Swann's *A Bibliography of British Ornithology* furnishes the specific names of British birds arranged chronologically and with the original literary references. See MULLENS, W. H. and SWANN, H. K.

1924-date. *A monograph of the Birds of Prey (Order Accipitres) . . . Illustrated by Plates . . . by H. Grönvold, etc. Pts. 1-6 by H. Kirke Swann; pt. 7 and continuation by Alexander Wetmore.* *4to. London.*

This magnificent treatise, whose publication was interrupted by the death of the original author, is being continued by Dr. Alex. Wetmore of the Smithsonian Institution. The original drawings, first proofs of the plates, and the original MS. are now the property of the Blacker Library.

**** and **McNEILE, J. H.**

1925. *Two ornithologists on the lower Danube, being a record of a journey to the Dobrogea and the Danube delta, with a systematic list of the birds observed.* *8vo. pp. 8+67. illust. T. of c. London.*

An annotated list of Roumanian birds with observations made during the trip. An autographed presentation.

SWARTH, HARRY SCHELWALD [1878-].

1904. *Birds of the Huachuca Mountains, Arizona. (Pacific Coast Avifauna, No. 4.)* *8vo. pp. 70. Los Angeles, Calif.*

1914. *Distributional List of Birds of Arizona.* *8vo. pp. 133. 1 col. pl. Hollywood, Calif.*

Author's separate, *Pacific Coast Avifauna*, No. 10.

1915. *Guide to the exhibit of fossil animals from Rancho Sa Brea. (Los Angeles County Museum of History, Science and Art.)* *8vo. pp. 34. 1 pl. 19 figs. in text. Los Angeles, Calif.*

Author's reprint, containing references to Pleistocene birds.

[SWARTH, H. S. (contd.)]

1920. Birds of the Papago Saguaro national monument and the neighboring region, Arizona. Contribution from the Museum of Vertebrate Zoology of the University of California. *Svo.* pp. 63. 8 pl. 1 fig. index. Washington.

110 species were noted, nearly a third of the total number (375) known to inhabit Arizona. Two species were added to the list of birds of Arizona, the Indigo Bunting and Bendire's Crossbill. This tractate is an author's separate, issued by the U.S. Dept. of the Interior, National Park Service.

1925. See BROOKS, A.

1929. (A) systematic study of the Cooper ornithological club. *Svo.* pp. 78. *illust.* San Francisco.

1931. Avifauna of the Galapagos Islands. *Svo.* pp. 250. 58 *illust.* San Francisco.

SWARTZ, OLOF [1760-1817].

1794. Natural-Historian i Sverige. Stockholm.

1807-19. See PALMSTRUCH, J. W.

SWAYSGOOD, Mrs. SUSAN.

1915. California poultry practice. *Svo.* pp. 157. *front. (portr.)*. 7 pl. 10 *figs.* index. San Francisco.

The result of 45 years of experience.

SWAYSLAND, WALTER [-188?] and others.

1877-80. The illustrated book of Canaries, etc. See BLAKSTON, W. A. and others.

1883-8? Familiar wild birds. Series 1-4. 4 vols. *Svo.* index in vol. IV. London.

The collation in Mullens and Swann is as follows: 'Vol. I, pp. viii+160. 40 col. pl. Vol. II, pp. viii+160. 40 col. pl. Vol. III, pp. viii+160. 40 col. pl. Vol. IV, pp. viii+160. 40 col. pl. In this (original) issue vol. I is dated 1883, the others are undated. At the end of each vol. is a part on Eggs and Egg-Collecting, by R. Kearton, including 4 of the col. pl. in each vol. A popular work on the habits and other characteristics of a long list of British birds. The 144 colored lithographs by Thorburn add much to the attractions of the book and greatly increase its value.

SWEDEN.

1857-1910. Kongliga Svenska Eugenies Reska, etc. 2 vols. *illust.* Stockholm and Uppsala.

Although important for the invertebrates collected during the voyage, a report on vertebrates was never published.

****. Landtbruksstyrelsen. Fiskeribrå.

1895-1914. Fiskeripublikationer. *Svo.* Stockholm.

1915-27. Undersökningar rörande sveriges fiskerier, fiskar och fiskevatten. *Svo.* Stockholm.

****. Voyage. Magallanes.

1899-1907. Wissenschaftliche Ergebnisse der Schwedischen Expedition . . . 1895-7 . . . unter Leitung von O. Nordenskjöld. 3 vols. *Svo.* *illust.* (Wanting.) Stockholm.

This important report is partly made in English. It is a valuable addition to our knowledge of the natural history of the extreme southern areas of South America. The zoology of the expedition is given in vol. II, with 306 pp., 25 pl., and *illust.* in the text. Fishes are described by F. A. Smitt, while a list of reptiles and batrachians is furnished by L. G. Andersson.

SWEDISH ZOOLOGICAL EXPEDITION TO EGYPT AND THE WHITE NILE. See

JÄGERSKIÖLD, L. A., 1904-28.

SWEET, ROBERT [1783-1835].

1823-32. The British warblers. An account of the genus sylvia. *Svo.* pp. 24+(20). 16 pl. (col.). London.

A rather rare work about which there is a decided difference of opinion among bibliographers. The 'six' plates of the title appears

to have been generally taken as a misprint for 'sixteen', although copies exist with both six and sixteen plates. Mullens and Swann believe that the work was first issued with six colored plates and full descriptive text, and that later the other ten plates with extended text followed.

1853. The British Warblers. Cage and chamber-birds; . . . Incorporating the whole of Sweet's British warblers. See BECHSTEIN, J. M.

SWENANDER, GUSTAF.

1902. Studien über den Bau des Schlundes und des Magens der Vögel. *Svo.* pp. 2+240. 8 pl. Uppsala.

SWENK, MYRON HARMON.

1904. A preliminary review of the birds of Nebraska. See BRUNER, L.

1919. The [427] birds and mammals of Nebraska. *Svo.* pp. 21. Lincoln, Neb.

SWINDEREN, THEODOR VAN.

1820. Buffoni et Daubentoni figurarum Avium coloratarum nomina systematica. See KUHLE, H.

SWINHÖE, ROBERT [1836-77].

1870. Chinese zoology. 18 pls. in 1 vol. *Svo.* *illust.* pl. London.

This is a valuable contribution to science, consisting of a collection of the author's publications with a manuscript title, index, and pagination.

SWISS CROSS. (Agassiz Association.) 1887-9.

SYDNEY UNIVERSITY.

1924-date. University Reprints (Series 13). Zoology.

SYED NIZAM-UD-DIN.

1914. Aql-O-Shur. Popular encyclopedia in Hindustani, with numerous references to natural history. *folio.* pp. 490. many cuts in text. lithograph. Lucknow.

SYEVERTZOV, NIKOLAI ALEKSYEVIČ [1825-85].

1873. Vertikal'noe i ghorizonta'lnoe raspredyelenie Turkestanskikh Zhivotnuikh. [Vertical and horizontal distribution of Turkestan animals.] *folio.* pp. 2+157. 10 pl. Moskva.

1873-4. Fauna Turkestaniens, etc. 10 col. pl. Russian. (Title in German.) Moscow.

1883-94. Ornithologie du Turkestan. Lief. 1-4. 4to. Written conjointly with Menzbr, M. A. (q.v.).

1921. Über die zoologischen (hauptsächlich ornithologischen) Gebiete der ausserhalb der Tropen gelegenen Teile unseres Kontinents; übersetzt [from the Russian] und eingeleitet von Hermann Grote. *Svo.* pp. 32. *illust.* München.

SYKES, WILLIAM HENRY [1790-1872].

1832. A catalogue of the mammalia and birds observed in Dukhun, East Indies. 2 vols. *Svo.* London.

SYME, PATRICK [1774-1845].

1823. A treatise on British song-birds. *Svo.* pp. 6+231. 15 col. pl. T. of c. Edinburgh.

A rather rare, well-written account of 33 species, with excellent plates.

SYRACUSE UNIVERSITY. Zoological Laboratory.

1903-date. Contributions.

← 1921-1930. Ten year index to the Auk.

Swayland. 1883-?8. A second ^{and inferior} edition appeared in 1903.

← Dyevitzov, M. G. 1876. Mammals of Turkestan. - Birds of Turkestan. 800. 1 v.
66 + 104 pp.

B. Teppius - W. Warwick reprint

Jaka - Tsukasa, Prince. The Birds of Nippon. 1832 - ^{ordered Oct 20/32} £25.10.0. 5 vols. witherby

SZIELASKO, AUGUST EMIL ALFRED [1864-].

1902. Die Bildungsgesetze der Vogeleier bezüglich ihrer Gestalt. *8vo.* pp. 23. 4 text-figs. *Gerä.*

On the mathematical measurement of birds' eggs, with formulae for determining their rate and form of development. A present to Prof. Reichenow from the author.

1904. Untersuchungen über die gestalt und die bildung der vogeleier. *8vo.* pp. 29. *Königsberg.*
An inaugural dissertation.

1920. Die Gestalten der normalen und abnormen Vogeleier. *8vo.* pp. 6+119. 2 pl. 34 tab. *T. of c. Berlin.*

An extensive, mathematical study of the development, shape, and size of both normal and abnormal birds' eggs. From the Cabanis collection.

SZYMONOWICZ, LADISLAUS.

1901. Lehrbuch der Histologie und der mikroskopischen Anatomie. *8vo.* pp. 11+455. 52 col. pl. text-figs. *Würzburg.*

TABLETTES ZOOLOGIQUES. 1885-92.

Poitiers.

TACZANOWSKI, WŁADYSŁAW [OF LADISLAS, OR VLADISLAV] [1819-89].

1862. K. Hr. Tyzenhauza Oologia Ptaków Polskich, wystawiona na 170 tablicach . . . do których opisy ułożył W. Taczanowski. [K. Tyzenhauz's Oology of Polish Birds, displayed in 170 plates . . . to which descriptions have been arranged by W. Taczanowski.] 1 vol. and atlas. *8vo.* pp. 524. 170 col. pl. *index.* *Warsaw.*

1874-82. [Les oiseaux du Pérou.] 6 vols. *8vo.*

A large number of author's extracts (from various publications) on South American avifauna.

**** and **BERLEPSCH, HANS VON.**

1883-5. Liste des oiseaux recueillis par MM. Stolzmann et Siemiradzki dans l'Équateur occidental. 3 pls. *8vo.* n.p.

Authors' reprint.

1884-6. Ornithologie du Pérou. 4 vols. *8vo.*

Rennes.

There are no illustrations. The fourth part or volume consists of synoptic tables to determine the Peruvian genera and species of birds.

TAEUBER UND WEIL.

[1926-7]. Alte Naturwissenschaften. *8vo.* pp. 172. *illustr. index.* *München.*

A dealer's illustrated catalogue listing 239 early works on natural history, mostly published in the fifteenth and sixteenth centuries.

TAGSBERICHTE ÜBER DIE FORTSCHRITTE DER NATUR- UND HEILKUNDE. 1850-2. See also NOTIZEN A. D. GEBIETE D. NATUR- UND HEILKUNDE. *Weimar.*

TAIT, WILLIAM CHASTER.

1924. The birds of Portugal. *8vo.* pp. 12+260. *front. 9 pl. map. 2 append. index.* *London.*

TAIWAN HAKUBUTSU GAKKWA. *Taiwan.*

1911-date. [Transactions.] English title, Natural History Society of Taiwan.

TALBOT, PERCY AMAURY [1877-].

1923. Life in Southern Nigeria. *8vo.* pp. 16+356. 32 pl. *map. 1 fig. index.* *London.*

'TALISMAN', VOYAGE OF THE FRENCH STEAMER. 1888. See 'TRAVAILLEUR'.

TALSKY, JOSEF.

1880? Talsky's ornithologische Sammlung im städtischen Museum. *8vo.* pp. 11. *illustr.* *Neulitschein.*

A brief notice of a small town (Czechoslovakia) collection of birds.

1893. Der Staar (*Sturnus vulgaris* L.) und die Landwirtschaft. *8vo.* pp. 13. *Lieben.*

A pamphlet on the Starling in Czechoslovakia.

TANAKA, SHIGEHO.

1911-27. Figures and descriptions of the fishes of Japan, including Riukiu Islands, Binin Islands, Formosa, Kurile Islands, Korea and Southern Sakhalin. 42 pls. 4to. *paged continuously. illustr.* *Tokyo.*

An important, comprehensive, and recent serial on Japanese ichthyology in course of publication.

TANCRED, THOMAS [1808-80].

n.d. Notes on the natural history of the Province of Canterbury in the Middle Island of New Zealand. *8vo.* pp. 34. n.p.

TANNENBERG, E. DE. 1872. See CARUS, J. V.

TANSLEY, A. G. 1923-4. See GARDINER, JOHN STANLEY.

T'AO CHU-KUNG 陶朱公 [1122-249 B.C.].

1844. Yang yü ching 養魚經. How to rear fish. pp. 2. (In *Yü han shan fang chi i shu 玉丞山房輯佚書*.) 20×12.6 cm. [G.]

TARTU, ESTONIA. Ülikool.

?-1905. As Dorpater Naturforscher Gesellschaft.

1853-date. *Aruanded.*

1884-date. *Schriften.*

TASCHENBERG, ERNST OTTO WILHELM [1854-1928].

1886-1930. Bibliotheca Zoologica. Continuation of Carus' Bibliotheca Zoologica. *8vo.* See ENGELMANN, W. *Leipzig.*

1909. Die giftigen Tiere; ein Lehrbuch für Zoologen, Mediziner und Pharmazeuten. *8vo.* pp. 16+325. *illustr.* *Stuttgart.*

TASMANIAN JOURNAL OF NATURAL SCIENCE. *Hobart, Tasmania.*

1842-9. Nos. 1-7.

TASMANIAN NATURALIST. (Journal of Tasmanian Field Naturalists' Club.)

1907-11.

1924-date. New series.

TASSY, GARCIN DE.

1860. Le Langage des Oiseaux. 3rd ed. *8vo.* pp. 72. *Paris.*

Extract from *La Revue Contemporaine*, tome xxiv.

- **TAVERNER, PERCY ALGERNON** [1875-].
1919. Birds of eastern Canada. (Canada. Department of Mines. No. 3. Biological Series.) *Svo.* pp. 297. 50 col. pl. 68 figs. glossary. index. Ottawa.
 An excellent catalogue of the birds of eastern Canada between the Atlantic coast and the prairies north of the International Boundary. Following a general description of each species are notes on distinctions, field marks, nesting, and distribution, etc. English and French vernacular names are given as well as a Glossary and Bibliography. A second edition was issued in 1922.
- 1922.** Birds of eastern Canada. (Canada. Department of Mines. Memoir 104. No. 3. Biological Series.) 2nd ed. *Svo.* pp. 3+290. 50 col. pl. 68 figs. glossary. index. Ottawa.
 A revised and improved issue.
- [1922?]. Bird houses and their occupants. *Svo.* pp. 15. 33 figs. Ottawa.
 Author's reprint from the *Canadian Field Naturalist*, 1919. The present copy is of the third edition; the first appeared in 1920, and the second in 1921.
- 1925.** See LAING, H. M.
- 1926.** Birds of Western Canada. (Canada. Department of Mines. Museum Bulletin No. 41.) *Svo.* pp. 4+380. 84 col. pl. 385 figs. bibliogr. glossary. index. Ottawa.
 This work covers all the birds known to occur in Canada from the Ontario-Manitoba boundary line to the Pacific coast, and is complementary to *Birds of Eastern Canada* by the same author, thus forming a popular manual of all the birds of the Dominion. Following a general description of each species are notes as to field marks, nesting habits, and distribution. The fine colored plates are by Allan Brooks and F. C. Hennessey; and there are many additional figures in the text. The present copy is autographed by the author, and presented to Dr. Casey A. Wood by the Hon. Charles Stewart, Minister of Mines, in commemoration of the first meeting of the American Ornithologists' Union ever held in Canada, October 11-14, 1926.
- 1927.** A study of *Buteo borealis*, the red-tailed hawk, and its varieties in Canada. *Svo.* pp. (4) + 20. front. (map). 3 col. pl. T. of c. bibliogr. Ottawa.
 Author's reprint from Museum Bulletin No. 28, Biological Series No. 13. A critical study of the species, derived from an examination and comparison of 157 skins.
- n.d.** Vanished and vanishing birds. *16mo.* pp. 8. ? Ottawa.
 A short account of the birds that have vanished or are on the point of disappearing from the Dominion of Canada. Amongst them are the Passenger Pigeon, Great Auk, Labrador Duck, Eskimo Curlew, Hudsonian Godwit, and the Wood Duck.
- TAVERNIER, JEAN BAPTISTE** [1605-89].
1690. Viaggi nella Turchia, nella Persia e nell' Indie; [tr. from the French]. 3 vols. illust. Bologna.
 This traveler, on his famous journey to the Far East, often mentions and describes the faunal life he encountered. He depicts a number of 'curious' birds, among them the Bird of Paradise (vol. iii, p. 391), and explains why they were without legs and feet for which, of course, they had no use since they 'floated and flew in the empyrean and never came to roost'. The copy in hand is very rare. From Dean Adams' library. An English edition of Tavernier's *Voyages* was published by J. Pinkerton in 1811.
- TAVISTOCK, Marquess of.**
1929. Parrots and Parrotlike Birds in Aviculture. *Svo.* London.
 An excellent monograph on the subject, the substance of which appeared in *Cage Birds*.
- TAXIDERMIST, THE.**
1891. A monthly journal devoted primarily to practical Taxidermy, Ornithology and Oology. Editor: E. W. Martin. *Svo.* Medina, Ohio.
 Fox says there were 12 nos., 1891 (all pub.).
- TAYLOR, ALFRED.**
1913. Birds of a county palatine . . . county of Lancaster. *folio.* pp. 148. 15 pl. text-figs. London.
 An unusually good example of a treatise on local ornithology. For the information of the uninformed, Lancashire and Cheshire are still—nominally at least—under the jurisdiction of an Earl Palatine and not under the Sovereign.
- TAYLOR, EDWARD H.**
1921. Amphibia and Turtles of the Philippine Islands. *Svo.* pp. 193. 17 pl. Manila.
 One of several fine, well-illustrated monographs on the faunae of the Philippines by this careful, systematic writer.
- 1922.** The Lizards of the Philippine Islands. *Svo.* pp. 269. 23 pl. Manila.
- 1922.** The Snakes of the Philippine Islands. *Svo.* pp. 312. 37 pl. Manila.
- **TAYLOR, GEORGE CAVENDISH.**
 [1860]. On birds collected or observed [93 species] in the republic of Honduras. 4 pts. in 1 vol. *Svo.* [London].
 Author's separate from *Ibis*. The present copy is from the Godman Library.
- TAYLOR, HENRY OSBORN** [1856-].
 [1922]. Greek Biology and Medicine. *Svo.* [O.] London.
- TAYLOR, H. R.**
1897. (The) story of the Farallones. See BARLOW, C.
- TAYLOR, JOHN ELLOR** [1837-95].
1876. Notes on collecting and preserving natural history objects. *12mo.* pp. viii+215. 45 figs. index. London.
- **1901.** Half-hours in the green lanes: a book for a country stroll. *12mo.* pp. 8+328. front. 262 figs. index. Edinburgh.
 The ninth edition of a very popular volume. The first edition appeared in 1873.
- TAYLOR, JOSEPH** [?1761-1844].
1807. Ornithologia curiosa; or, The wonders of the feathered creation. *16mo.* pp. 216. index. London.
 A compilation of anecdotes from various authors, such as Buffon, Pennant, Latham, et al.
- 1815.** Tales of the robin, and other small birds, selected from the British poets. *12mo.* pp. 144. 5 pl. London.
- TAYLOR, RICHARD.**
1855. Te Ika a Maui; or, New Zealand and its inhabitants. *Svo.* pp. 14+490. front. 10 pl. (8 col.). 63 figs. 1 map. 9 append. index. London.
 The natural history will be found on pp. 394-429.
- TAYLOR, WALTER PENN** [1888-] and **SHAW, WILLIAM THOMAS** [1873-].
1927. Mammals and birds of Mount Rainier National Park. Illust. by William L. Finley, Irene Finley, William T. Shaw, J. B. Flett, and others. *Svo.* pp. viii+249. 109 figs. fold. map. index. (U.S. Dept. of the Interior.) Washington, D.C.
 Author's reprint. A most interesting and well-written monograph.
- TAYMUR MIRZA.** See PHILLOTT, D.

← Tauber, 1878-87. *Mammalia der zoologica Danica*. 143 p. 9 col. pls.
Copenhagen.

← Taylor, F. B. 1929. *Notes on diatoms*. 800. pp. [11], 259, 5 pls. Bourne-mouth

← Taylor, J. S. 1884. *Hay horns in green leaves*.

→ Tegetmeier, W. B. and Sutherland, C. L. 1895. Horses, asses, zebras, mules and mule breeding. 800.

TCHIHATCHEFF, PIERRE A. DE [1812-90].
1853-6. *Asie Mineure, etc.* 9 vols. with atlases.
8vo. and 4to. Pt. II. Zoologie. See also CHÏ-
KHACHEV, P. A. Paris.

**TEACHERS' NOTES ON NATURE STUDY;
PLANTS AND ANIMALS.**

n.d. 12mo. pp. viii+232. 72 pl. 2 figs. T. of c.
London.

The animals are depicted as blackboard drawings—a good idea in teaching.

TEGETMEIER, WILLIAM BERNHARD [1816-1912].

1867. The poultry book: comprising the breeding and management of profitable and ornamental poultry. 8vo. pp. 8+356. 30 col. pl. 15 pl. 39 figs. append. index. London.

A classic manual for the poultry-keeper.

1868. Pigeons: their structure, varieties, habits, and management. 8vo. pp. 6+190. 17 pl. (16 col.). 24 figs. index. London.

1874. Reprint of Boddaert's Table des Planches, etc. See BODDAERT, PIETER.

1881. Pheasants: their natural history and practical management. 2nd ed. 4to. pp. 4+142. 13 pl. 28 figs. append. index. London.

A very popular work that passed through many editions.

1881. The natural history of the cranes. See BLYTH, E.

1882. Reprint of Lichtenstein's Catalogus Rerum Naturalium rarissimarum. Edited for the Willughby Society.

An extremely rare work. There were so many errors in this edition that the subsequent reprint of F. du Cane Godman, made the same year, was substituted for the former. The Compiler and the E.S.W. Library are under obligation to Dr. C. W. Richmond for this rare tractate, not listed in the *Cat. Br. Mus. Nat. History*. See also WILLUGHBY SOCIETY.

1888. Pallas's Sand Grouse (*Syrhaptus paradoxus*), its history, habits, food, etc. 8vo. pp. 5+23. front. (col.). 4 figs. bibliogr. London.

1896. See MORRIS, FRANCIS ORPEN.

1897-8. British Birds, etc. See BUTLER, A. G.

**** and **ORMEROD, ELEANOR A.**

1899. The house sparrow (the avian rat), in relation to agriculture and gardening, with practical suggestions for lessening its numbers. 8vo. pp. 6+90. front. 6 figs. append. London.

1904. Pheasants; their natural history and practical management. 4th ed. London.

1916. A veteran naturalist, W. B. Tegetmeier. See RICHARDSON, E. W.

TEMMINCK, COENRAAD JACOB [1770-1858].

1807. Catalogue systématique du cabinet d'ornithologie et de la collection de quadrumanes. 4to. pp. 8+270+34. Amsterdam.

A rare and useful work, a description of the author's collection of monkeys and birds. On pp. 197-270 new species are described. This fundamental treatise was used for many years as an original source of zoological information.

1813-15. Histoire naturelle générale des pigeons et des gallinacés. Accompagné de planches anatomiques. 3 vols. 8vo. Vol. I, pp. 16+499. 1 pl.

index. Vol. II, pp. 4+477. Vol. III, pp. 4+757. 11 pl. index. Amsterdam.

A monograph of the pigeons and gallinaceous birds. Vol. I contains an account of the pigeons, being a reprint of the text which Temminck had prepared for his illustrated folio that was stolen by Madame Knip. Vols. II and III relate to gallinaceous birds, which Temminck intended for his proposed folio on the pigeons, but which was not published in that form owing to the loss of the text of the latter, an account of which will be found on pp. 640-4 of vol. III. A number of new names are used in this treatise. See also KNIP, Madame, née P. DE COURCELLES.

1815. Manuel d'ornithologie; ou tableau systématique des oiseaux qui se trouvent en Europe. 8vo. pp. 38+618. Amsterdam and Paris.

The rather scarce first edition of a well-known handbook on the birds of Europe. This treatise was published in both Amsterdam and Paris. It gives a detailed, systematic account of the avifauna but is not illustrated. The present copy is from the Cabanis-Reichenow collection. An amended edition was published in 1840.

1817. Observations sur la classification méthodique des oiseaux, et Remarques sur l'analyse d'une nouvelle ornithologie élémentaire, par L. P. Vieillot. 8vo. pp. 60. Amsterdam.

1820-40. Manuel d'ornithologie, ou Tableau systématique des oiseaux qui se trouvent en Europe; précédé d'une analyse du système général d'ornithologie, et suivi d'une table alphabétique des espèces. 2nd ed. 4 vols. 8vo. Paris.

The second edition of this important handbook was much enlarged to include some of the non-European avifauna, and to furnish a description or mention of species new to science. The following brief collation of the four volumes will serve to identify them: Vol. I. Première partie, 1820, pp. cxx+439. Vol. II. Seconde partie, 1820, pp. 440-950. Vol. III. Troisième partie, 1835, pp. lxxxiv+305. Vol. IV. Quatrième partie, 1840, pp. 307-691. Suppl. to part 2. Index to four parts.

The present copy has marginal notes and printed inserts of English synonyms by a former owner.

1824-41. Monographies de mammalogie, ou Description de quelques genres de mammifères, dont les espèces ont été observées dans les différents musées de l'Europe. Ouvrage accompagné de planches d'ostéologie, pouvant servir de suite et de complément aux notices sur les animaux vivans, publiées par M. le baron G. Cuvier, dans ses Recherches sur les ossemens fossiles. 2 vols. 12 pts. 4to. illust. 71 pl. Paris and Amsterdam.

1833-50. Fauna Japonica; sive, Descriptio animalium, quae in itinere per Japoniam, jussu et auspiciis superiorum, qui summum in India Batava imperium tenent, suscepto, annis 1823-30 collegit, notis observationibus et adumbrationibus illustravit P. F. de Siebold. 5 vols. folio. pl. See also SIEBOLD, P. F. VON. Lugduni Batavorum.

**** and **LAUGIER DE CHARTROUSE, MEIFFREN.**

1838 [1820-39]. Nouveau recueil de planches coloriées d'oiseaux, pour servir de suite et de complément aux planches enluminées de Buffon, . . . 1770, d'après dessins de Huet et Prêtre. 5 vols. in 7. folio. Text. Vol. I, pp. (6)+(304)+(4)+(296). Vol. II, pp. (4)+(324)+(4)+(402). Vol. III, pp. (4)+(326)+109 (table of pl.). Plates. Vol. I, 150 pl. (col.). Vol. II, 150 pl. (col.). Vol. III, 150 pl. (col.). Vol. IV, 150 pl. (col.). Paris.

This fine treatise, with its remarkable colored illustrations, was intended as a supplement to Buffon's *Planches Enluminées*. It was issued in 102 livraisons, between August 1820 and January 1839. The present copy has the full number of plates (600) with text, and the *Tableau Méthodique*, pp. 1-109. Laugier's share of the work is not clear apart from the fact that many of the specimens described are from his collection; Temminck is to be credited with all nomenclature; the *Prospectus* of the work is from the pen of Cuvier. The

[**TEMMINCK**, C. J. (*contd.*)]

page of Postscript by Temminck is in *livraison* 101 and is dated August 30, 1836. Zimmer (*Ayer Catalogue*) draws attention to many irregularities throughout the work, not only in the general text but in the *Tableau Méthodique*. The present copy lacks the *Prospectus* which is furnished by the following title.

1838 [1820-?]. Nouveau recueil de planches coloriées d'oiseaux, pour servir de suite et de complément aux planches enluminées de Buffon, etc. 3 vols. 4to. Vol. I, pp. 11+(1)+(111). 43 pl. (col.). Vol. II, pp. (114). 50 pl. (col.). Vol. III, pp. (128). 53 pl. (col., 1 fold.). Paris.

The copy in hand has the rare Cuvier's *Prospectus* but only the descriptive text (pp. 353) and 146 of the 600 plates that accompany the complete edition of 1838 (1820-39) fully described in the present Catalogue.

1842. Atlas des oiseaux d'Europe d'après C. J. Temminck et dessinés par J. C. Werner. See WERNER, J. C.

→ **TENNENT**, JAMES EMERSON [1804-69].

1859-60. Ceylon. An account of the Island. 2 vols. 8vo. London.

Vol. II (pp. 127-307) of this classic history is largely devoted to zoology; pp. 163-80 give an account of the birds.

1861. Sketches of the natural history of Ceylon; with narratives and anecdotes illustrative of the habits and instincts of the mammalia, birds, reptiles, fishes, insects, &c., including a monograph of the elephant. 8vo. pp. xxiii+500. 10 pl. 72 figs. index. London.

A portion of the author's original work, *Ceylon. An account of the Island, etc.*, 1859-60, republished in an extended form. The portion devoted to a description of the avifauna will be found in Chap. VIII, pp. 241-70. There are, also, two lists of birds, one, the birds of Ceylon, the other, of those species peculiar to the island.

1867. The Wild Elephant . . . in Ceylon. 8vo. pp. 19+198. 3 pl. and text illust. London.

This naturalist was in his day the principal authority on the natural history of Ceylon. The library copy is a presentation volume with his autograph.

TENNESSEE ORNITHOLOGICAL SOCIETY.

1917. Preliminary List of the birds of Tennessee. Nashville.

TENNEY, ABBY A.

1866. Natural History of Animals. See TENNEY, SANBORN.

TENNEY, SANBORN [1827-77].

1865. Natural history; a manual of zoology for schools and colleges. 8vo. pp. 11+540. 539 figs. index. New York.

Intended to give a general idea of the animal kingdom. The present copy is a presentation, with a letter from the author inserted.

**** and **TENNEY**, ABBY AMY (GOVE).

1866. Natural history of animals. Containing brief descriptions of the animals figured on Tenney's Natural history tablets. 8vo. pp. 8+261+29. front. 520 figs. append. index. New York. The seventh edition of this popular work.

1875. Elements of zoölogy. A text-book. 8vo. pp. 12+503. 753 figs. index. New York.

TERMÉSZETRAJZI FÜZETEK. Budapest.

1877-1902. Continued as Budapest—Magyar Nemzeti Múzeum; Annales Historica-Naturales. (Articles are in Hungarian, German, French, Latin, English, or Italian.)

TERNIER, LOUIS.

1922. Nos oiseaux de mer de rivière et de marais; la sauvagine en France. [With a preface by E. Oustalet.] 4to. pp. 15+523. 1 pl. 125 text-figs. index. Paris.

The author groups the sea, river, and marsh birds under the convenient name of 'La Sauvagine', of which about 160 species visit France annually. These are carefully described and depicted. The first edition was published in 1897; the above (second edition) is a reprint identical with the first issue.

**** and **MASSE**, FERNAND.

n.d. Les canards sauvages et leurs congénères. 8vo. pp. 22+752. illust. Paris.

A systematic description of wild ducks, geese, and allied forms. The book is essentially a hunter's manual, with elaborate accounts of the implements employed in France for killing birds. The cuts are not very good. The copy in hand is a presentation from the senior author.

(DE) TERRA, P.

1911. Vergl. Anatomie des menschlichen Gebisses und der Zähne der Vertebraten. 8vo. pp. 468. 200 figs. Jena.

An extensive monograph on the comparative odontology of vertebrates.

TERRA; Geografiska föreningens tidskrift.

1918-29. Helsingfors.

1888/9-1912 as Geografiska Föreningens Tidskrift. Publishes an occasional paper on vertebrate zoology.

'TERRA NOVA', VOYAGE OF THE. 1910.

See BR. MUS. (NAT. HIST.).

TERRAS, HILDA.

n.d. (The) story of a cuckoo's egg. 8vo. pp. 93. 24 pl. (7 col.). New York.

TESDORPF, P. H.

1754. Versuch einer Beschreibung . . . Vögel . . . Colibri, etc. 4to. Leipzig.

A rare volume, not in the *Cat. Br. Mus. (Nat. Hist.)*.

TEXAS ACADEMY OF SCIENCE.

1892-1912. Transactions. Nos. 1-12 (all pub.).

TEXAS UNIVERSITY.

1904-14. Scientific Series. Vols. 1-29 (all pub.).

THACKER, A. GORDON and **ELLIOT**, H. S. R.

1909. See HAGENBECK, C.

THAYER, ABBOTT H.

1909. Concealing-coloration in the animal kingdom. See THAYER, G. H.

THAYER, EVELYN and **KEYES**, VIRGINIA.

1913. Catalogue of a collection of books on ornithology in the library of John E. Thayer. 8vo. pp. 186. Privately printed. Boston.

List of a small collection of books with occasional annotations.

THAYER, GERALD HANDERSON [1883-] and **THAYER**, ABBOTT H.

1909. Concealing-coloration in the animal kingdom; an exposition of the laws of disguise through color and pattern: being a summary of Abbott H. Thayer's discoveries, with an introductory essay by A. H. Thayer. 4to. pp. 19+260. 16 pl. (col.). 143 figs. 2 append. index. New York.

An exposition of the theory that almost all animals possess a 'coloration that matches the background' and serves as a device for the concealment of the wearer, the illustrations being designed to demonstrate the theory. This work and theory have been both severely criticized and warmly defended.

→ Tenicheff. W. 1890. L'activité des animaux. Traduit
par M. Goussier. 8 vo. Illust. 1/2. 194
Indes. Pub. G. Masson. Paris. 1890.

- Thiele, 1902. Die system. Stellung d. Alveogastren u. die Phylogenie d. ^{Mollusken.}
- Thienemann, FAL, 1825-38. Systemat. Darstellung d. Fortpflanzung der Vögel Europas... 4 to. 28 vol. pls.

Thienemann, J. 1931. Vom Vogelzuge in Rossitten. 1

- Thomas, Mammals obtained by Whitehead in the Philippines. 7 pls.
- Thomas, E. (1914). In pursuit of spring. pls.

THAYER, JOHN ELIOT [1862-]. 1913. See THAYER, EVELYN and KEYES, VIRGINIA.

THÉEL, HJALMAR [1848-?1912].

1872. Beskrifning öfver hufvudets ben hos Anas Boschas. 8vo. pp. 30. Stockholm.

Inaugural thesis of Upsala University.

1895. Sveriges Zoolog. Hafsstation Kristineberg. Stockholm.

THEOBALD, WILLIAM [1829-1908].

1876. Descriptive Catalogue of the Reptiles of British India. 4to. pp. 10+238+53. 5 pl. Calcutta.

The writer discusses chiefly the means of discriminating between poisonous and harmless snakes.

THEOBALDUS EPISCOPUS.

[Before 1489]. Physiologus theobaldi episcopi de naturis duodecim animalium. 4to. [O.] Cologne.

A very rare incunable. Hain* 15467, from the Osler Library. It is a versified, moral bestiary, ascribed to at least three ecclesiastics living in the eleventh or twelfth centuries. There are numerous printed and MS. editions of the poem, with its dialogues between members of 12 animal groups.

[1502]. Physiologus Theobaldi episcopi de naturis duodecim animalium. Text in verse with commentary. 4to. *illust.* (Cologne.)

This moral bestiary is assigned by Choulant to the twelfth century, and has been attributed to several different authors. [O. 5513.] In his comments on this very rare edition Osler says it is not among the 12 printings described by Choulant.

1928. Physiologus. Metrical Bestiary. Facsimile of the 1492 Cologne print. 12 chapters. Translated by A. W. Rendell. 8vo. front. 12 photos. London. An excellently illustrated English rendering, with faithful reproductions of original folios.

THEOPHILUS CREMONENSIS DE FERRARIIS.

1493. Propositiones ex omnibus Aristotelis libris philosophiæ, morales, naturalis, etc. [ed. by Benedictus Soncinas]. 4to. pp. 56 and ff. 287. Venetiis.

Hain 6997. A very early incunabulum (or incunable) furnishing, *inter alia*, an excellent review of Aristotle's zoology.

1493. Propositiones ex omnibus Aristotelis libris. J. and G. Gregorius. Perg. cover. Manuscript. Venetiis.

A unique manuscript copy. The scribe has not given the date of his own work. There is a printed edition in the Blacker Library of which the above is a written copy.

THESING, CURT EGON [1879-].

1911. Fortpflanzung und Vererbung. 8vo. pp. 96. *illust.* Leipzig.

'THÉTIS' ET DE . . . L'ESPÉRANCE',
Navigation autour du globe, etc.

1837. 2 vols. and atlas. Histoire Naturelle par R. P. Lesson. See BOUGAINVILLE, Baron DE.

THEURIET, ANDRÉ [1833-1907].

[1888]. Song birds and seasons. 4to. pp. 16+200. 21 pl. 78 figs. Troy, N.Y.

[1894]. Nos oiseaux. 4to. pp. 16+246. 41 pl. (col.). 65 figs. Lille.

A literary and poetical document on the birds of Belgium.

[1895]. Nos Oiseaux. 8vo. 41 col. pl. 110 figs. in text. Lille and Paris.

One of several editions—a very well-illustrated copy.

THIENEMANN, AUGUST [1882-].

1925. (Die) Binnengewässer Mitteleuropas; eine limnologische Einführung. 8vo. pp. 255. *illust.* Stuttgart.

THIENEMANN, FRIEDRICH AUGUST LUDWIG [1793-1858].

1845-56. Einhundert Tafeln colorirter Abbildungen von Vogeleiern; zur Fortpflanzungsgeschichte der gesammten Vögel. 2 vols. folio. 1 vol. text. 1 vol. plates. (All pub.). pp. xvii+(5)+432. 100 pl. (10 col.). Leipzig.

The present work is similar to the author's *Systematische Darstellung* etc., 1825-38, but is not confined to European species. It was issued in ten parts. An author's note on p. iii, dated October 1856, states that ill health interrupted the course of the work and that there are three plates yet unpublished and much of the text unwritten. The text (p. 432) stops short in the middle of a sentence and unfortunately was never completed.

THIENEMANN, J.

1910. Die Vogelwarte Rossitten der Deutschen ornithologischen Gesellschaft und das Kennzeichen der Vögel. 8vo. pp. 36. 4 pl. Berlin.

An account of the observation station at Rossitten established by the German Ornithological Society, and of the birds seen there.

1928. Rossitten. Drei Jahrzehnte auf der Kurischen Nehrung. 2nd ed. 8vo. *illust.* ? Berlin.

THIER. See TIER.

THIJSSSE, JAC. P.

1904. Het vogeljaar; handleiding tot het leeren kennen der meest voorkomende Nederlandsche vogels. folio. pp. 316. 14 col. pl. figs. in text. Amsterdam.

A popular Dutch 'Bird Year', well illustrated by Keulemans and van Oort.

THILLAYAMPALAM, E. MUTHAMMAH [1895-].

1928. Scoliodon (the common shark of the Indian seas). 8vo. pp. 12+116. *illust.* Lucknow.

A Columbia University thesis, published in India.

THOMAS, MICHAEL ROGERS OLDFIELD [1858-]. 1879-1915. See GODMAN and SALVIN, *Biologia Centrali-Americana*.

The important contributions to zoological science made by this well-known naturalist generally appeared in serials and periodicals or were made in the form of joint authorship.

1881. See GUENTHER, A. C. L. G.

1886. See JOHNSTON, H. H.

1888. See BR. MUS. (NAT. HIST.).

1888. See JAMES, F. L.

1893. See HOSE, CHARLES.

1894-1900. See SCLATER, PHILIP LUTLEY.

1914-16. See OGILVIE-GRANT, WM. R., ed.

THOMAS, WILLIAM BEACH [1868-] and **COLLETT, A. K.**

1922. Birds through the year. 8vo. pp. 6+366. 24 pl. (col.). 235 figs. *index.* London.

Popular accounts of the arrival and departure of British birds throughout the year, with notes on their habits, nesting songs, etc.

→ **THOMPSON, BENJAMIN FRANKLIN** [1784-1849] and **WERNER, CHAS. J.**

1918. *History of Long Island*. 3rd ed. 3 vols. 8vo. Vol. I, pp. 50+538. 4 pl. 1 map. Vol. II, pp. (10)+649. 10 pl. Vol. III, pp. (10)+677. 6 pl. 1 map. *index*. New York.

The portion devoted to the birds in this edition will be found in vol. III, pp. 282-91, and consists of a list embracing 372 species, those breeding on the island being denoted by an asterisk. It was prepared by L. Nelson Nichols, Dr. James E. De Kay having prepared the one in the second edition of 1843. The first edition, in one volume, appeared in 1839.

THOMPSON, D'ARCY WENTWORTH [1860-].

1895. *A Glossary of Greek Birds*. 8vo. [O.]

The avian names and other captions are given in Greek capital letters, arranged in alphabetical order. The little treatise thus constitutes a very useful compendium of excerpts from Pliny, Aristotle, Aelian, Philo, and other classic writers on zoology. The writer was professor of zoology at University College, Dundee. There is a copy of this treatise in the E.S.W. Library, with London as the place of publication.

1913. *On Aristotle as a Biologist, with a Proemium on Herbert Spencer*. 8vo. [O.]. See also ARISTOTLE, 1913. Oxford.

1917. *On growth and form*. 8vo. pp. 15+793. 408 figs. *index*. Cambridge.

An important introduction to the study of organic form. The flight and form of birds are treated on pp. 24-7 and 673; and the shapes of eggs on pp. 652-60.

THOMPSON, EDWARD PETT.

1845. *The note-book of a naturalist*. 12mo. pp. 12+275. T. of c. London.

THOMPSON, ERNEST SETON (surname changed) [1860-].

1891. *The birds of Manitoba*. (*Proc. U.S. Nat. Museum*, vol. XIII.) 8vo. pp. 457-643. 1 map (fold.). *bibliogr. index*. Washington.

A well-annotated list of the birds of the province—over 266 species and subspecies, and bibliography of the works consulted. See also SETON, E. THOMPSON.

THOMPSON, G. W. ST. CLAIR.

1928. *Protection of Woodlands, etc.* 8vo. pp. 225. *illust.* London.

A valuable work on a subject that has a very important bearing on faunal life.

THOMPSON, JAMES MAURICE [1844-1901].

1885. *By-ways and bird notes*. 8vo. pp. 179. *portr.* T. of c. New York.

1887. *Sylvan secrets, in bird-songs and books*. 8vo. pp. 4+139. T. of c. New York.

THOMPSON, Mrs. JEAN MAY (born FOWLER) [1867-].

1922. *Wild kindred*. 8vo. pp. 14+251. 8 pl. T. of c. London.

1922. *Wings and pads*. 8vo. pp. 14+251. 8 pl. T. of c. London.

THOMPSON, WILLIAM [1805-52].

1849-56. *The natural history of Ireland*. 4 vols. 8vo. Vol. I, pp. 20+434. 2 indexes. Vol. II, pp. 11+350. 2 indexes. Vol. III, pp. 7+491. *append.* 2 indexes. Vol. IV, pp. 32+516. *portr.* 9 figs. *append. index*. London.

The first three volumes of this work are devoted entirely to a systematic description of the birds. It was the evident intention of the

author to issue similar volumes on all the zoological groups. His death, however, defeated the project, but his notes were bequeathed to Robert Patterson who, with others, completed this most valuable contribution to natural science.

THOMPSON, WILLIAM EDGAR.

1925. *Aunt Chloe and her birds*. 8vo. pp. 11+118. 10 pl. (col.). T. of c. Lynchburg, Va.

THOMSON, ALLEN [1809-84].

1877. *The Development of the Forms of Animal Life*. 8vo. [O.] London.

Presidential Address of the British Assoc. Adv. Sc.

THOMSON, ARTHUR LANDBOROUGH [1890-]

1910. *Britain's birds and their nests*. 4to. pp. 28+340. 132 pl. (col.). *index*. London.

The main reason for the publication of this work is (as stated in the preface) to furnish letterpress for George Rankin's admirable series of plates.

1911-13. *The British Bird Book*. See KIRKMAN, F. B. B.

1926. *Problems of bird-migration*. 8vo. pp. 15+350. 12 figs. *append. index*. London.

Reading between the lines of this valuable contribution to the subject one realizes the magnitude of the problem, and the seeming futility of most speculations and theories. In connection with this treatise it would be well to read A. Wetmore's *The Migrations of Birds*, 1927. Although differing radically in character, the conclusion of both agree to an interesting extent.

1927. *Birds; an introduction to ornithology*. 12mo. pp. 7+256. *index*. London.

A book for the general reader; it forms vol. 130 of the *Home University Library of Modern Knowledge*.

THOMSON, CHARLES WYVILLE [1830-82].

1877. *The voyage of the 'Challenger'*. The Atlantic; a preliminary account of the general results of the exploring voyage of H.M.S. 'Challenger' during the year 1873 and the early part of the year 1876. 2 vols. 8vo. Vol. I, pp. 29+424. 15 pl. 110 figs. T. of c. 4 *append.* Vol. II, pp. 14+396. 2 col. maps. 15 pl. 66 figs. 3 *append. index*. London.

An abstract of the less technical portions of the author's journal, incorporated with some of the more novel observations by his colleagues, during the first year of the voyage of the *Challenger* (1873), and the early part of the fourth year (1876).

1878. *The voyage of the 'Challenger'*. The Atlantic, etc. 2 vols. 8vo. New York.

The American edition of the original edition, London, 1877, and identical with it.

1880-95. *Report on the Scientific Results of the Voyage of H.M.S. Challenger . . . during 1873-76*. 40 vols. 4to. London.

This monument to British seafaring naturalists is also a most valuable contribution to general vertebrate zoology. The volumes devoted to the fauna of the countries visited are written by men well known by students of biology. Among them, W. Turner wrote a paper on the bones of Cetacea, pp. 45, 3 pl.; an essay on the Green Turtle by W. K. Parker, pp. 58, 13 pl.; on Shore Fishes by A. Günther, pp. 82, 32 pl.; and Birds by P. L. Sclater, pp. 166, 30 col. pl. Special chapters on avian lore are contributed by the Marquis of Tweeddale (Birds collected in the Philippine Islands); on birds from the Admiralty Islands, by P. L. Sclater; from Fiji, Tongatabu, Api (New Hebrides), and Tahiti, by O. Finsch; from Ternate, Amboyna, and the Arrou (Aru) Islands, by T. Salvadori; from Cape York (Australia) and neighboring islands, by W. A. Forbes; from the Sandwich Islands, by P. L. Sclater; from Antarctic America, by P. L. Sclater and O. Salvin; and from the Atlantic Islands and Kerguelen Island, by P. L. Sclater. The *Steganopodes* and *Impenes* are described by P. L. Sclater and O. Salvin; the *Laridae*, by H. Saunders; and the *Procellariidae*, by O. Salvin. The collections of eggs are described by P. L. Sclater. Part 57 is devoted to Deep-Sea Fishes by A. Günther (1887), pp. 65+335 and 73 pl. Quite a few of these parts were published separately, and at least one (an extract) with an altered title, viz. *Deep-Sea Fauna of New Zealand*, by A. Hamilton, 8vo, 1896.

← Thompson, G.R. 1931. Nature by light. 8vo. pp. xiii, 144, illus. London.

Thompson, D'A.W. ^ pp. 16 + 216. front. Oxford. Including ads.

Thomson, Arthur, Sir. [died 1933] Biology of Birds, pp 417. Lond. 1923

→ (Thompson E.L.P) 1851. The Passions of animals, ^{viii + 484 pp.} h and m.

- 1915. *Biology of the seasons*. 8vo. col. pl. London. (With Dr. J. P. Leeson's autograph).
1919. *Darwinism and Human Life*. 5th ed. 8vo. 12 pl. London.
1921. *Haunts of life: six lectures at the Royal Institution, 1920-21*. 8vo. 49 illus. London.
- ♂ n.d. *Mature all the year round*. 8vo. Col. pl. illus.
1923. *Biology of Birds*.
- 1931 *The Outline of Natural History*. 8vo, cloth, illus, 14s 7th. New York.

→ 1920. *System of annulate nature* (Gifford lectures, 1915-1916) 8vo.
(Dr. J. P. Leeson)

1924. *Science old and new*. 8vo. (With Dr. J. P. Leeson's autograph)

THOMSON, JOHN ARTHUR [1861-¹⁹³⁶].
 1892. Outlines of zoology. 12mo. pp. 14+641.
 32 pl. index. New York.

An excellent and popular manual for the use of students in the lecture-room, museum, and laboratory. It has had, deservedly, many editions. The present, *editio princeps*, was published both in Edinburgh and New York; the second in 1895, a third in 1899, a sixth in 1914, another in 1919, still another in 1920, and so on.

**** and **NEWBIGIN, MARION**.
 1895. Outlines of zoology. 2nd ed. 12mo. pp. 18
 +820. 266 figs. append. index. Edinburgh.

1896. The Study of Animal Life. pp. 12+375.
 71 figs. New York.

An excellent, semi-popular work, one of *Scribner's University Extension Manuals*.

1910. See **MACGILLIVRAY, WILLIAM**.

1910. Threads in the web of life. See **THOMSON, MARGARET R.**

1914. Outlines of zoology. 6th ed. 12mo. pp. 21
 +855. 420 figs. append. index. Edinburgh.

1915. (The) wonder of life. 2nd ed. 8vo. pp. 21+
 658. 23 pl. (col.). 76 figs. index. London.

An unconventional introduction to Natural History and Biology.

1917. The study of animal life. 4th ed. 8vo.
 pp. 16+477. 124 figs. append. index. London.

A popular work that ran through many editions, the first in 1892.

1919. Outlines of zoology. 8vo. pp. 21+855.
 420 figs. append. index. Edinburgh.

A reprint of the 1914 edition.

1920. Outlines of Zoology.

1921. Natural history studies; an anthology from
 the author's own works. 12mo. pp. 8+244. 30
 figs. T. of c. New York.

1922. The outline of science, a plain story simply
 told. 4 vols. 4to. Vols. I-IV, pp. 1,220. 40 pl.
 (col.). 800 figs. bibliogr. index. New York.

Edited by the author.

1923. The Biology of Birds. 8vo. pp. 11+436.
 9 pl. 59 figs. bibliogr. index. London.

An important work, illustrating biological ideas about a particular group of animals. The treatise includes such biological concepts as adaptation, struggle, sex, heredity, variation, selection, and behavior.

1926. The new natural history. 3 vols. 8vo.
 Vol. I, pp. 10+384. 16 pl. (col.). 480 figs. index.
 Vol. II, pp. 10+385-768. 16 pl. (col.). 418 figs.
 index. Vol. III, pp. 10+769-1152+14. 15 pl.
 (col.). 430 figs. 2 indexes. New York.

THOMSON, MARGARET R. and THOMSON, J. A.

1910. Threads in the web of life. 12mo. pp. 8+
 198. 72 figs. London.

A volume in the series *Readable Books in Natural Knowledge*.

THOMSON, M. E. 1896. See **BREHM, A. E.**

THORBURN, ARCHIBALD [1860-].

1883-8. See **SWAYSLAND, WALTER**.

1885-97. See **LILFORD, T. L. P.**

1918-19. British birds. 4 vols. 4to. Vols. I and
 II, 4th ed.; vols. III and IV, 3rd ed. Vol. I,
 pp. viii+142. 20 pl. (col.). Vol. II, pp. vi+71.

20 pl. (col.). Vol. III, pp. vi+86. 20 pl. (col.).
 Vol. IV, pp. vii+115. 22 pl. (col.). index. London.

A series of beautiful and accurate plates (by the author) of British birds accompanied by short accounts of each species. The first edition was issued in 1915-16. The series in hand has two additional plates of rare warblers that have recently visited the British Islands, apparently for the first time, as well as some drawings of subspecies and racial forms that have lately aroused much interest among ornithologists. Except for short accounts of these, the text of the first edition remains unchanged.

1919. British Birds, etc. 4 vols. 4to. 82 col. pl.
 500 text-figs. London.

A complete set of the fifth edition.

1919. A naturalist's sketch book. 4to. pp. 8+71.
 60 pl. (24 col.). T. of c. London.

1920-1. British Mammals. 2 vols. 4to. 50 col. pl.
 text-figs. London.

These beautiful plates, representing the best-known mammals inhabiting the United Kingdom, are reproductions of this artist-author's best brush and pencil work.

1923. [Fifty-eight] Game birds and wild-fowl of
 Great Britain and Ireland [with letterpress]. folio.
 pp. 7+78. 30 pl. (col.). index. London.

1925-6. British birds. Vol. 1, pp. 12+176. 48 pl.
 (col.). Vol. 2, pp. 9+129. 48 pl. (col.). Vol. 3,
 pp. 10+167. 48 pl. (col.). Vol. 4, pp. 10+154.
 48 pl. (col.). index. London.

To avoid overcrowding of the colored figures (in previous editions) the number of plates has been increased from 80 in the first edition to 192 in the present printing.

THOREAU, HENRY DAVID [1817-62] and
ALLEN, F. H.

1925. Thoreau's bird-lore; being notes on New
 England birds from the Journal of H. D. Thoreau.
 12mo. pp. 9+452. 8 pl. 1 map. append. index.
 Boston.

Excerpts from the *Journal*, with an appendix in which is given an index to the bird matter contained in Thoreau's other works. The map is furnished with an index enabling admirers of Thoreau to locate and identify his favorite resorts.

THORHALLESEN, E. V.

1914. Beskriv. Missionerne Grønlands Søndre
 Distrikt. Copenhagen.

An interesting excerpt from *Grønland. Selsk.*, Skrift I, ed. by L. Bobee.

THORNDIKE, E. L.

1911. Animal Intelligence. New York.

THRUPP, J. GODFREY.

1888. The Unknown Horn of Africa, etc. See
JAMES, F. L.

THUNBERG, CARL PEHR [1743-1928].

1822. Fauna Surinamensis . . . quam praeside
 C. P. Thunberg . . . respondente Gabriel Daniel
 Collin. 8vo. pp. 8+2. Upsaliae.

A rare inaugural thesis from the collection of Dr. Chas. W. Richmond and now in the Blacker Library. There is a copy also in the Osler Library. Thunberg acted as editor of a scientific series (most of them Uppsala inaugural theses over whose discussion he presided) descriptive of numerous zoological areas. The theses are all important, fundamental, and rare monographs, depicting animal life mainly in Middle America, Brazil, French and Dutch Guiana, China, Guinea, Japan, and Australia.

1822. Fauna Novae Hollandiae . . . quam
 praeside C. P. Thunberg . . . respondente John
 Axel Huss. 8vo. pp. 8. Upsaliae.

1823. Fauna Gvineensis . . . quam praeside
 C. P. Thunberg . . . respondente Matthias Kalm.
 8vo. pp. 9. Upsaliae.

[THUNBERG, C. P. (contd.)]

1823. *Illustratio animalium Sveciae rariorum*. Respondente L. G. Tigerhjelm. 8vo. pp. 4+10. *Upsaliae*.

1823. *Fauna Americae miredionalis [sic]* . . . praeside C. P. Thunberg . . . respondente Fredericus Melch. Rystedt. 3 partes. 8vo. pp. 11+1. *Upsaliae*.

1823. *Pars secunda*. Respondente Joh. Nath. Gestrin. pp. 9+1.

1823. *Pars tertia*. Respondente Jonas Mellander. pp. 11+1.

These three tractates, covering the fauna of South and Middle America, form important and rare lists; from the library of Dr. Chas. W. Richmond.

1823. *Fauna chinensis* . . . quam praeside C. P. Thunberg . . . respondente Petrus Magnus Acksell. 8vo. pp. 7+1. *Upsaliae*.

1823. *Fauna brasiliensis [sic]* . . . quam praeside C. P. Thunberg . . . respondente Carolus Henricus Ekstrand. 8vo. pp. 9+1. *Upsaliae*.

From the library of Dr. Chas. W. Richmond.

1823. *Fauna cayanensis* . . . quam praeside C. P. Thunberg . . . respondente Andr. Kjeller. 8vo. pp. 12.

One of many inaugural theses on natural history of the University of Uppsala, giving the results of work due to the suggestion and help of the celebrated professor of botany and medicine, C. P. Thunberg. The present useful tract is from the Osler Library.

1824. *Canis species, Scandinaviam inhabitantes, quas . . . praeside C. P. Thunberg . . . respondente Carolus Reinh. Stjernsten*. 8vo. pp. 8+2. 2 figs. *Upsaliae*.

This inaugural thesis was largely the work of that famous, versatile professor of botany who was responsible for many treatises on general zoology as well as on vertebrates. The tractate in hand is from the *Bibliotheca Osteriana*.

[THÜNGEN, C. E. VON.]

1876. *Das Rebhuhn dessen Naturgeschichte, Jagd und Hege*. 8vo. pp. 10+125. T. of c. *Weimar*.

On the classification, distribution, natural history, aviculture, and hunting of the various species of *Perdrix*. A rare tract from the Cabanis-Reichenow collection. Not in the *Cat. Br. Mus. (Nat. Hist.)*.

[THURGAUISCHE NATURFORSCHENDE GESELLSCHAFT.]

1857-date. *Mitteilungen*.

[THWAITES, REUBEN GOLD.]

1904. A brief history of Rocky Mountain Explorations with especial reference to the expedition of Lewis and Clark. pp. 13+276. *illustr.* *New York*.

1904-7. Early western travels, 1748-1846, etc. 32 vols. *illustr.* *Cleveland*.

The journals and accounts of 35 individuals, many of whom were naturalists recording their discoveries, are given in this voluminous and useful record. The famous Lewis and Clark exploration party is separately treated by the editor in another publication.

[TIBB-I-ASPÂN.]

[ca. 1812]. *Treatise on Diseases of Horses*. 8vo. no p. *index*. Anon. Red and black caligraphy. Hindustani manuscript collected for the Blacker Library by W. Ivanow in North India.

[TICEHURST, NORMAN FREDERICK [1873-]]

1909. A history of the birds of Kent. 8vo. pp. 56+568. 24 pl. *map*. *London*.

1912. A hand-list of British birds. See HARTERT, E. and others.

1919-24. See WITHERBY, H. F.

1925. See DENNIS, Rev. R. N.

[TIDSSKRIFT FOR FISKERI.]

1866-73. 8vo. Vols. 1-7 (all pub.). *Kjøbenhavn*.

[TIDSSKRIFT FOR FUGELVENNER.]

[Journal for Bird Lovers.] Udgivet af Foreningen for Fuglevenner. Redigeret af V. Wiese, Aarhus. 1897-1930? Aargang 1-34? [Denmark.]

[TIDSSKRIFT FOR NATURVIDENSKABERNE.]

1822-8. Vols. 1-5 (all pub.). *Copenhagen*.

[TIERREICH, DAS. 1897-1930. See DEUTSCHE ZOOLOGISCHE GESELLSCHAFT.]

[TIERWELT (DIE), MITTELEUROPAS.]

Edited by P. Brohmer. *Leipzig*.

TIERWELT. Zeitschrift für Ornithologie, Geflügel und Kaninchensucht. Zentralorgan und Eigentum der Schweizerischen Ornithologischen Gesellschaft und deren Sektionen.

Jahrgang I (1890)-XXXIX (1930). *folio. illustr.*

Aarau.

The title of this excellent, well-illustrated, popular, and long established Swiss periodical (often containing serious papers on ornithology) sufficiently explains its object.

TIERWELT DEUTSCHLANDS, DIE, u. d. angrenzenden Meeresteile nach ihren Merkmalen u. n. ihrer Lebensweise.

1925-date. Hrsg. v. F. Dahl. Teil 1-17. *Jena*.

When complete this work will rank among the best of the recent semi-popular treatises on middle European faunal literature. To 1929 17 parts have been issued.

[TIFLIS. Kavkazskii Musei i Publichnaya Bibliotheka.]

1899-? Die Sammlungen des Kaukasischen Museums; im Vereine mit Special-Gelehrten bearbeitet. Published in Russian and German. *Tiflis*.

[TIJDSCHRIFT OVER LAND- EN TUINBOUWKUNDE EN VERDERE NATUURWETENSCHAPPEN.]

1866-70. *Antwerp*.

[TIJDSCHRIFT VOOR NATUURKUNDIGE WETENSCHAPPEN EN KUNSTEN.]

1810-12? *Amsterdam*.

[TIJDSCHRIFT VOOR NATUURLIJKE GESCHIEDENIS EN PHYSIOLOGIE.]

1834-45. *Amsterdam, Leyden*.

[TIJDSCHRIFT DER NEDERLANDSCHE DIERKUNDIGE VEREENIGING.]

1876. *Rotterdam*.

[TIMEHRI. (Royal Agricultural and Commercial Society of British Guiana.)]

1882-6.

1887-99. New series.

1900-2.

1911-date. Series 3.

→ Tierplastik aus fünf Jahrtausenden. 1933. Staatlichen Museen zu,
Berlin.

7 Tilander, Gunnar. Livre de Chasse, 1931. Paris.

Times Telescope. Rare periodical. Annual. 1814 ⁻¹⁸³⁴ π ? . Gift of W. Hugh Gladstone
Vols. 1st 1810. 28. 29. 30

Tobit, Story of. bynckyn de Wordes 1512 + 1527 excerpts from the
[Caxton] Golden Legend. (Sent to Ooler Library)

→ Todd + Vanicker. 1922. Birds of Santa Marta Region, Columbia. 4,
6 color. pl. (Carnegie Mus.)

Todd + Worthington. 1911. Contributed to the Ornithology of the
Bahama Islands

TIMINS, DOUGLAS.

1929. A Traveller of the Sixties. 8vo. pp. 308. *London.*
portr.

This volume contains extracts from the diaries of Frederick James Stevenson of travels in Brazil, Peru, Argentina, Patagonia, Chile, and Bolivia during 1867-9. Edited with a memoir. It has numerous descriptions of the flora and fauna of the countries visited. Autographed copy presented to the Compiler.

TIMPEL, MAX.

1912. Die Vögel von Erfurt und Umgegend. 8vo. pp. 98. *T. of c.* *Erfurt.*

Author's reprint.

TIMS, H. W. M. 1907. See BR. MUS. (NAT. HIST.). Voyage 'Discovery'.

TİMÜR-MİRZĀ QĀJĀR, Prince.

1890. Bāz-Nāma-I-Nāširi. *Phillott.*

A well-known treatise on falcons and hunting-birds in general. It has been reprinted and translated many times and is one of the standard works on falconry. The author lived and wrote in the middle of the nineteenth century. The present volume is the very rare lithographed edition printed in Bombay.

TIRABOSCO, A.

1803. L'uccellazione. 8vo. *Parma.*

Lessons in the gentle art of snaring birds, still carried on almost as vigorously as ever in Italy and elsewhere after a lapse of a century and a quarter. It is remarkable that there are any song-birds left in South Europe.

TIRANT, GILBERT.

1879. Les oiseaux [352 species] de la Basse-Cochinchine. 8vo. pp. 73-174. *bibliogr. 2 indexes.* *Paris.*

Author's excerpt. Annotated list of the birds of the peninsula of Cochin China collected by the author, with a table of Annamite names of birds. More than 350 species are recorded, none new. The present copy is from the Godman Library.

TISCHLER, FRIEDRICH.

1914. (Die) [305 species of] Vögel der Provinz Ost-Preussen. 4to. pp. 331. *illustr. index.* *Berlin.*

A systematic description of 305 varieties of birds found in East Prussia. A bibliography and check-list are added.

TODD, ROBERT BENTLEY [1809-60].

1835-59. The Cyclopaedia of Anatomy and Physiology. 5 vols. 8vo. *illustr.* *London.*

One of the best of its kind, containing much of interest to the zoologist. Sir Richard Owen wrote the caption Aves.

1836-52. (The) cyclopaedia of anatomy and physiology. 4 vols. 8vo. Vol. I, pp. 6+813. 436 figs. *index.* Vols. II-IV, pp. 18+3587. 1,930 figs. 3 *indexes.* *London.*

A four-volume edition of 4,400 pages, illustrated by means of 2,366 text-figures.

TOKUGAWA INSTITUTE OF BIOLOGICAL RESEARCH.

1924-date. Studies. *Tokyo.*

TOKYO. Annotationes Ornithologicae Orientalis.

1927. Vol. I, No. 1.

1928. No. 2.

TOKYO. Imperial Museum. Natural History Department.

1904. Proceedings.

TOMLINSON, H. M. [1873-].

[1924]. Tidemarks: some records of a journey to the beaches of the Moluccas and the forest of Malaya, in 1923. 8vo. pp. 6+311. *front.* *London.*

An interesting diary of travel and adventure in the Far East, with many descriptions of animal life, especially of birds.

TOPSELL, EDWARD [-1638].

1607. The historie of foure-footed beastes, describing the true and lively figure of every beast, with a discourse of their severall names, conditions, kindes, vertues . . . collected out of all the volumes of Conradus Gesner and all other writers to this present day. folio. pp. 42+758+12. 1 pl. *illustr.* *London.*

The original edition of a famous work, with a facsimile of the 'Picture of the vulgar Bugill'. This treatise passed through several editions.

Considerable difference of opinion exists as to the scientific value of Topsell's writings or, rather, compilations, but, then, he did not pretend to much originality.

From the catalogue of a dealer: 'Hazlitt, *Handbook*, p. 612, No. 4, says: "Topsell reflected the credulity of his age, but his exhaustive account of the prevailing zoological traditions and beliefs give his work historical value." This book was the great picture book of the seventeenth century, and is consequently nearly always tattered, dog-eared and imperfect. We endeavour to give an idea of the contents: The "Satyre" is included in the ape family (pp. 10-13); we also have the "Sphinx" (pp. 14-15); "Of the Lamia" (pp. 352-355); "Of the Unicorn" (pp. 551-557); "Of the Cockatrice" (pp. 677-681); "Of the Dragon" (pp. 701-705); "Of the winged-Dragon" (pp. 705-716); "Of the Serpents called Elephants" (p. 718); "Of the Hydra" (pp. 735-736); "Of the Sea-Serpents" (pp. 759-761); p. 727 contains an account of the toad-stone.

The editio princeps is not listed in the *Cat. Br. Mus. (Nat. Hist.)*. The Blacker Library copy, almost perfect in every respect, is bound by Rivière.

1608. The historie of serpents; or, The second booke of living creatures; wherein is contained their divine, naturall, and morall descriptions. folio. pp. 10+316+8. *London.*

The 'second booke' is generally bound with *The Historie of Foure-footed beastes*, 1607, although the latter has a separate title-page and preface.

1658. (The) history of four-footed beasts and serpents . . . Collected out of the writings of Conradus Gesner and other authors. Whereunto is now added, The theater of insects . . . by T. Muffet . . . The whole rev., cor. and inl. with the addition of two useful physical tables, by J[ohn] R[owland]. 2 vols. *paged continuously.* folio pp. 14+1130. *illustr.* *London.*

Editio altera; the first issued in 1607-8.

TORELLE, ELLEN [1870-].

1912. Plant and animal children. 12mo. pp. 4+230. 335 figs. *index.* *Boston.*

TORI NIHON TORIGAKU KWAI. [English title: *Tori, The Aves. Bulletin of the Ornithological Society of Japan.*

[1915-30]. Semi-annual. 8vo. *Tokyo.*

The Japanese title-page (4th page of cover) is variously decorated in black and white; sometimes in colors.

Occasionally a paper (beginning with No. 8) has its title-page and table of contents printed in English. There are numerous illustrations, black and white and colored.

More in detail:

Vol. I, No. 1, May 26, 1915; No. 2, Dec. 10, 1915; No. 3, Dec. 31, 1916; No. 4, April 15, 1917; No. 5, Dec. 7, 1917.

Vol. II, No. 6, May 31, 1918; No. 7, Dec. 31, 1918; No. 8, July 21, 1919; No. 9, April 14, 1920; No. 10, Dec. 1920.

Among the contributors to this excellent journal are the names of well-known Japanese zoologists, e.g. I. Ijima, S. Ichida, N. Kuroda, A. Oka, A. Izuka, and others. Each number of *Tori* has 40-80 pp.

TORNIER, GUSTAV.

1828-45. See EHRENBERG, C. G.

1893-date. See DEUTSCH-OST-AFRIKA.

1896. Reptilien und Amphibien (Kriechthiere). 4to. pp. 13+164. pl. *illustr. text.* *Berlin.*

This monograph is based mainly on the author's investigations of reptilia and amphibia from (former) German East Africa.

1909. See BRAUER, AUGUST.

TORQUAY NATURAL HISTORY SOCIETY.*Torquay, England.*

1909/14—date. Transactions and Proceedings.

TORREY, BRADFORD [1843–1912].[1889]. A rambler's lease. *Svo.* pp. 4+226. *index.* *Boston.*

The title is a good example of this accomplished naturalist's mixture of sentimental and scientific attainments. It furnishes an instructive account of his ramblings about New England in search of natural history subjects, birds forming a considerable item.

**** and **MAYNARD, C. J.**[1890]. Das Brüllen der amerikanischen Rohrdommel. *Svo.* pp. 25. *illust. n.p.*This interesting essay on the drumming of the American Bittern was translated by Paul Leverkühn and published in the *Ornitholog. Monatsschrift* for 1890.[1892]. The foot-path way. *Svo.* pp. (4)+245. *index.* *Boston.*1903. The clerk of the woods. *12mo.* pp. 8+280. *index.* *Boston.*

First edition.

[1913]. Birds in the bush. *Svo.* pp. (6)+300. *index.* *Boston.*

Popular essays on birds observed by the author round Boston, in the White Mountains, New Hampshire, and Lake Memphremagog, Canada. The first edition was issued in 1885.

[1913]. Field-days in California. *Svo.* pp. (12)+235. 9 pl. *index.* *Boston.***TOTA KAHANI**; [or Indian folklore story of a parrot]. 1920. See ANONYMOUS.**TOTA MAINA**; [or Indian folklore tales of the parrot and the Mynah]. 1925. See ANONYMOUS.**TOULOUSE. Musée d'Histoire Naturelle.**

1879–92? Archives.

TOULOUSE. Station de Pisciculture et d'Hydrobiologie.

1903–9. Bulletin.

TOURNEFORT, JOSEPH PITTON DE [1656–1708].1741. A voyage into the Levant. To which is prefix'd the author's life [by Lauthier] . . . also his Elogium, pronounc'd by M. Fontenelle . . . Adorn'd with an accurate map of the author's travels, not in the French edition. 2nd English ed. 3 vols. *Svo.* *London.*The English translation, by John Ozell, of the rare (French) *editio princeps* of 1717. It gives a full account of the Eastern travels of a noted naturalist.**TOUSSENEL, ALPHONSE** [1803–85].1853. L'esprit des bêtes. Le monde des oiseaux; ornithologie passionnelle. *Svo.* pp. 10+484. Pt. I (all pub.?). *Paris.*A treatise on the sociological and psychic relations of birds. Only the first part, taking up about half the avian genera, has been seen by the Compiler. Not in the *Cat. Br. Mus. (Nat. Hist.)*.**TOWER MENAGERIE, etc.** 1829. See BENNETT, E. T.**TOWNSEND, CHARLES HASKINS** [1859–], ed.

[1912–25]. The U.S.S. 'Albatross' in Lower Californian seas. Cruise of 1911. [Fifteen] Articles collected from the American museum Bulletin and Novitates, and from Zoologica, of the years 1912–1925, by C. H. Townsend, J. A. Grossbeck, H. L. Clark, R. C. Osburn, J. T.

Nichols, M. C. Dickerson, K. P. Schmidt, A. L. Treadwell, C. B. Wilson, M. J. Rathbun, C. R. Shoemaker. *Svo.* pp. 7+502. 46 col. pl. 4 maps. 129 figs. *T. of c.* *New York.***TOWNSEND, CHARLES WENDELL** [1859–].1905. (The) birds of Essex County, Massachusetts. (Nuttall Ornithological Club. Memoir, No. 3.) *Svo.* pp. 352. *front. 1 map. bibliogr. index.**Cambridge, Mass.*

A systematic and well-annotated list of 321 species and subspecies, of which the author remarks that he had seen 215 alive, and had examined specimens from the County of all but two.

**** and **ALLAN, G. M.**

1909. List of the birds of Labrador. See GRENFELL, W. T. Labrador, Appendix V.

1923. Pourtraits of celebrated Avian Historians lately known as Ornithologici, etc. By Carolus Adexitumville, Loudon, 1634. 27 photos. 26 ll. Shown at the dinner of the A.O.U. in Cambridge [Mass.], October 1923. Title-page printed, the remainder typescript. *12mo.*

This is a whimsical collection (with a faked title-page) of photographs portraying well-known American ornithologists garbed in ancient or foreign clothing, with humorous descriptive verse. Although intended only for an evening's entertainment the facial portraits are good and the doggerel accompanying them serves to point out one or more scientific activities in which the originals have been for many years seriously engaged. Presented to the E.S.W. Library of Ornithology, McGill University.

TRADE MARKET, THE.

1910. Supplement to Bird Notes.

Trade supplement of an ornithological journal and generally bound with it.

TRADESCANT, JOHN [1608–62].1656. Museum Tradescantianum; or, A collection of rarities preserved at South-Lambeth near [sic] London. *12mo.* pp. (20)+179+(4). *front. 2 pl. 2 portr.* *London.*

An account of this extremely interesting collection—including a stuffed 'Dodar'. It is the first English Museum of which we have any detailed knowledge or printed account. It owed its inception not to an Englishman but to the enterprise of a Hollander and his son who had settled in England during the reign of James I. The little volume has now become very scarce owing to the fact that the two portraits (perfect in the present copy) of both father and son were engraved by Hollar. This fact is well known to print collectors who have plundered most of the copies of these impressions.

TRAFTON, GILBERT HAVEN [1874–].1910. Methods of attracting birds. Published under the auspices of the National association of Audubon societies. *Svo.* pp. 15+171. 8 pl. 21 figs. *append. index.* *Boston.*[1916]. Bird friends; a complete bird book for Americans. *Svo.* pp. 18+330. 5 pl. (col.). 24 pl. *index.* *Boston.***TRANSACTIONS OF ACADEMY OF SCIENCE OF ST. LOUIS.** 1856/60—date. See ACADEMY OF SCIENCE OF ST. LOUIS.**TRANSACTIONS OF THE CAGE-BIRD CLUB.** Edited by W. H. Betts and Thos. Marshall.1893–6. (All pub.) *12mo.* *London.*

This was a useful little magazine devoted to birds in captivity.

TRANSACTIONS OF THE CHICAGO ACADEMY OF SCIENCES. 1867–70. See CHICAGO.**TRANSACTIONS OF THE FOREIGN BIRD CLUB.** See BIRD NOTES (ENGLAND).

⇒ Townsend, C. W. 1918. In Audubon's Labrador. 8vo. pp. 337. illust. Boston + N. Y.

- TRANSACTIONS OF THE INTERNATIONAL ORNITHOLOGICAL CONGRESS.** See CONGRESS, PROCEEDINGS OF THE INTERNATIONAL, etc., *also* ORNIS.
- TRANSIT-OF-VENUS EXPEDITION,** 1874-5.
1875. Ornithology [of Kerguelen Island]. See COUES, ELLIOTT.
1879. See ROYAL SOCIETY OF LONDON.
- TRANSUNTI D. (R.) ACCADEMIA DEI LINCEI, ROMA.** 1876-date. See (R.) ACCADEMIA DEI LINCEI, ROMA.
- 'TRAVAILLEUR', FRENCH STEAMER.** 1885. See 'TRAVAILLEUR' AND 'TALISMAN'.
- 'TRAVAILLEUR' AND 'TALISMAN'.** 1888-1906. Expéditions scientifiques . . . pendant les années 1880-3, sous la direction de A. Milne Edwards, etc. 8 vols. 4to. Paris.
These celebrated voyages were productive of much scientific literature on the natural history of the areas visited and examined. Zoology was mostly vertebrate. Fishes were described by L. Vaillant in the volume of pp. 406, 28 pl.
- TRAVAUX DU LABORATOIRE DE ZOOLOGIE GÉNÉRALE, ALGIERS.** 1920-date.
- TRAVAUX DE LA SOCIÉTÉ ORNITHOLOGIQUE DE KIEF** du nom de K. Th. Kessler, sous la rédaction du président de la société V. M. Artobolevsky. Kief, Russia. The titles in both Russian and French, the text in Russian only.
1913. Tome I, Livraison 1. 8vo. pp. 219. (All pub. ?)
A note on the cover of the first number says that tome 1, livraison 2, 1914, 'is in the press'. It has not been seen by the Compiler. The initial issue of this valuable contribution to scientific ornithology was established in memory and honor of Professor Kessler, the founder of the Society. It contains a paper by the Russian zoologist, B. Dombrowski, on the birds of Colchis, Anzarian, and neighboring localities, and two essays by E. A. Charlemagne. Like other Russian periodicals devoted to science it was swept aside by the World War.
- TRAVELLER AND NATURALIST.** See CALIFORNIA TRAVELLER AND NATURALIST.
- TRAVIÉS, EDOUARD.** [c. 1857]. [Les oiseaux; illustrations.] folio. 79 col. pl. Paris.
Some of the plates are simply wonderful, and are among the best portraits of birds ever painted. Some of them bear the date 1857. The legends on the plates require revision, e.g. the Crowned African Crane, or *L'Oiseau royal* of Brisson, is named *Ardea pavonia*.
- TREAT, Mrs. MARY LUI ADELIA** (born DAVIS) [1835-].
1885. Home studies in nature. 12mo. pp. 243. 67 figs. index. New York.
- (A) TREATISE ON DOMESTIC PIGEONS;** comprehending all the different species known in England . . . carefully compiled from the best authors.
1765. Anonymous. 8vo. pp. 16+144. illust. London.
See ANONYMOUS, p. 198.
This is the *Columbarium* of Moore amplified . . . by a practical fancier. There is a second copy in the Library.
- TREDERN, LUDOVICUS SEBASTIANUS AB, Count.** 1808. Dissertatio inauguralis medica sistens ovi avium historiae et incubationis prodromum [etc.]. 8vo. pp. 4+16. illust. Ienae.
- TREGARTHEN, JOHN COULSON** [1854-].
1904. Wild life at the Land's End; observations of the habits and haunts of the fox, badger, otter, seal, hare, and of their pursuers in Cornwall. 8vo. pp. 12+236. 25 pl. glossary. London.
- TREITSCKE, FRIEDRICH** [1776-1842].
1840. Naturhistor. Bildersaal d. Tierreichs. 4 vols. 180 col. pl. Pesth.
A remarkable collection of colored animal portraits.
- TREMBLEY, ABRAHAM** [1710-84]. 1750. See RÉAUMUR, R. A. F. DE.
- TRENTON NATURAL HISTORY SOCIETY.** See NEW JERSEY NATURAL HISTORY SOCIETY.
- TRETTER, LUDWIG.**
1914. Lehrbuch für Gefangskanarienzüchter, Preisrichter und Vereine. 8vo. pp. 196. index. Altenburg.
One of a numerous collection of popular German works on canary birds.
- TREUBIA; Recueil de Travaux Zoologiques, Hydrobiologiques et Océanographiques.** Batavia.
1919-date. Continues Contributions à la Faune des Indes Néerlandaises.
- TREVES, FREDERICK** [1853-1923].
1920. The cradle of the deep; an account of a voyage to the West Indies. 8vo. pp. 12+378. front. (col.). 44 pl. index. London.
A popular travelogue by a versatile surgeon-naturalist, a teacher of the present Compiler, who in his frequent journeys about the world never failed to report his observations of animal life. The first edition of this work appeared in 1908 and there have been many since.
- TREVOR-BATTYE, AUBYN** [1855-].
1894. Pictures in Prose of Nature, Wild Sport, and Humble life. 8vo. pp. 10+243. front. London.
1895. Ice-bound on Kolguev, a chapter in the exploration of arctic Europe to which is added a record of the natural history of the Island. 2nd ed. 8vo. pp. 28+458. 25 pl. 3 maps. 61 figs. index. Westminster.
1903. See LILFORD, T. L. P.
- **** and **BATE, DOROTHEA M. A.**
1913. Camping in Crete, with notes upon the animal and plant life of the island. pp. xxi+(1)+308. front. 31 pl. 1 map (col. fold.). T. of c. index. London.
A clear impression of the island, not conveyed in other naturalists' guide-books. There is an annotated list of 56 species of birds.
- TRIMMER, Mrs. SARAH** [1741-1810].
1821. Fabulous histories; or, The history of the robins, designed for the instruction of children respecting their treatment of animals. 13th ed. with woodcuts by Bewick. 8vo. pp. 8+164. 18 figs. London.
The first edition of this popular and much read book was issued probably about 1785.
- TRING, ENGLAND. Zoological Museum.** See NOVITATES ZOOLOGICAE.

**TRINIDAD FIELD NATURALISTS' CLUB,
PORT-OF-SPAIN, TRINIDAD.**

1892-6. Journal. (?All pub.)

**TRINIDAD. Scientific Association. See
SCIENTIFIC ASSOCIATION OF TRINIDAD.****TRINITY COLLEGE, HARTFORD, CONN.
Natural History Department.**

1902-6? Contributions—Biological Laboratory.

TRISTRAM, HENRY BAKER, Canon [1822-1906].
1871. [List of British Birds, Gray's arrangement.]
Privately printed. 1 el. folio sheet printed in
five cols. on one side only, and dated August 1st,
1871.A useful list of the English names of 350 British species and 32
'doubtful British birds'. This paper was found in a volume of
Canon Tristram's minor contributions to ornithology from the
author's own library. The present Compiler has not seen it cata-
logued and attributes the compilation to the reverend ornithologist
with some hesitation.1883. The natural history of the Bible, with a
description of every animal and plant mentioned
in Holy Scripture. 7th ed. 12mo. pp. 8+520.
131 figs. append. 2 indexes. London.1884. Fauna and Flora of Palestine. 4to. pp. 22+
455. 20 col. pl. London.The best-known work on the subject. From the *Survey of Western
Palestine*.1889. Catalogue of a collection of birds belonging
to H. B. Tristram. 4to. pp. 16+278. index.
Durham.An aggregation of over 17,000 specimens carefully mounted and
labelled with all the usual scientific details.1902-20. See VICTORIA HISTORY OF THE COUNTIES
OF ENGLAND.**TRISTRAM-VALENTINE, J. T.**1895. London birds and beasts, with a preface
by F. E. Beddard. 12mo. pp. xii+319. T. of c.
London.Collected papers from the *Saturday Review*.**TROMSØ MUSEUM, TROMSØ, NORWAY.**

1873-date. Aarsberetning.

1878-date. Aarshefter.

1925-8. Skrifter.

**TROPISCHE NATUUR. (Nederlandsch-In-
dische Natuur-Historische Vereeniging.)**

1912-date. Weltevreden.

TROTTER, SPENCER.1910-25. An Inquiry into the History of the
current English Names of North American Land
Birds. 8vo. ? New York.**TROUSSART, ÉDOUARD LOUIS [1842-?1914].**[1891]. Les oiseaux utiles. folio. pp. 8+(88).
44 col. pl. Paris.This important and beautifully illustrated work has for its motto
a saying of Edmond About to the effect that man spends half his
life fighting his enemies and the other half killing his friends.1898-9. Catalogus mammalium tam viventium
quam fossilium. Nova ed. (prima completa).
2 vols. 8vo. pagged continuously. Vol. I, pp. 11+
664. Vol. II, pp. 665-1469. append. Berolini.An excellent, indeed necessary, work of reference for every good
natural history library. It was issued in six fascicles each with
a special title-page. In 1904 a needed supplement (q.v.) was
published.1904-5. Quinquennale supplementum, anno 1904.
8vo. pp. 11+929. Berolini.This quinquennial supplement was published in four fasciculi as
a continuation of the *Catalogus mammalium*, and should be bound
up with it.

[1906]-8. See FRANCE. EXPÉDITION ANTARCTIQUE.

1912. Catalogue des oiseaux d'Europe, pour servir
de complément et de supplément à l'Ornithologie
européenne de Degland et Gerbe (1867). 8vo.
pp. xviii+545. index. Paris.This work is peculiarly arranged, showing two distinct categories.
On the right hand (usually odd-numbered) pages is given a concise
description of the avian fauna of Europe according to the ideas of
the compiler, who employs mostly the classifications of Hartert
and Dresser. On the left (even-numbered) pages appear the
nomenclature, etc., employed by Degland and Gerbe, 1867.
Species not noticed by these joint authors are briefly described by
the compiler. See also DEGLAND, C. D., 1867.**TROZELIUS, CLAS BLECHERT [1719-94].**[1768]. Dissertatio gradualis de animalibus hiber-
nantibus, quam . . . praeside C. B. Trozelio, . . .
publico eruditorum examini offert Jonas Svenoni-
us. 8vo. pp. 13. Londini Gothorum.Mainly because the author 'presided' when this Lund inaugural
address was defended the essay is credited to him instead of to
Jonas Svenonius, the candidate. It is an interesting tractate on
hibernating animals.**TRÜBNER, NICHOLAS.**1859. Bibliographical guide to American Litera-
ture: a classed list of books published in the
United States of America during the last forty
years; with biographical introduction, notes, and
alphabetical index. pp. 149+554.Useful (for the period covered) because of the evaluations of scientific
serials and on account of the bibliographic introduction. The first
edition appeared in 1855.**TRUE, FREDERICK WILLIAM [1858-].**

1884-7. See UNITED STATES. FISHERIES.

1887. See NELSON, E. W. and TRUE, F. W.

1898-9. See JORDAN, D. S. and others.

1898-9. See UNITED STATES. BUREAU FISHERIES.

1910. An account of the Beaked Whales . . . in
the U.S. National Museum. 4to. pp. 1+89. 42 pl.
Washington.This is a separately published monograph by a noted systematist.
It forms Bull. No. 73 of the *Museum* and is extremely well illus-
trated. The author has written many other valuable monographs
on aquatic mammals, mostly issued by the *U.S. National Museum*.
He also wrote (with E. W. Nelson) an excellent report on the
mammals of Northern Alaska, 1887.**TRUMBULL, GURDON [1841-1903].**[1888]. Names and portraits of birds which
interest gunners. 8vo. pp. 8+221. 91 figs. index.
New York.Another book by a semi-professional bird killer. His accounts of
61 species of North American game birds somewhat mitigate the
misdeeds he would have his compatriots commit by describing the
plumage, habitat, etc. of his prospective victims. He also furnishes
the various vernacular names of the species applied by hunters in
various parts of the eastern half of the United States.**TRUTHS OF NATURE. A Monthly Journal
of Natural Science. 1889. Boston.****TSCHUDI, FRIEDRICH VON [1820-86].**1856. Das Thierleben der Alpenwelt. 3rd ed. 8vo.
Leipzig.The first edition of this important and popular work appeared in
1853; the ninth in 1872. The copy in hand is of the third edition.
The various McGill libraries have also the eighth and eleventh
printings whose contents do not vary essentially from those of the
present copy.

1870. Le Monde des Alpes, etc. 2nd ed. Bâle.

→ 1868. Natural history of the Bible. 2nd ed. ill. sm. 8vo. pp 518.
London.

← Tscherner, D. J. 1820. Der Vogelfänger und Vogelwärter oder Naturgeschichte, Fang, Züchtung,
Pflege und Wartung unserer beliebtesten Sing- und Zimmervögel. 1 & pl. Pesth.

TSCHUDI, JOHANN JACOB VON [1818-89].

1845-6. [Untersuchungen über die Fauna Peruan] Ornithologie, mit Anmerkungen von J. [L.] Cabanis. folio. pp. 316. 36 col. pl. St. Gallen.

The ornithological portion of a complete work on Peruvian fauna which appeared in 12 parts. The volume in hand, from the Godman Library, gives a descriptive and systematic catalogue of the birds of Peru, with remarks by Cabanis who describes several new species.

TSCHUSI ZU SCHMIDHOFEN, VICTOR, Ritter von.

[1873]. Der Tannenheher (*Nucifraga caryocactes*). 4to. pp. 4+31. 2 pl. T. of c. Dresden.

A complete description of the Nutcracker.

1877. Die Vögel Salzburgs. Eine Aufzählung aller in diesem Lande beobachteten Arten, etc. 8vo. pp. xxi+90. Salzburg.

A concise catalogue of 239 species of birds found in and near Salzburg. This brochure is an enlarged and revised edition of a paper on the same subject contributed to vols. XVI and XVII of *Der Zoologische Garten*. The present tract is a gift from the author to Dr. Ant. Reichenow.

1890. Das Steppenohrn (Syrhaptes paradoxus, Pall.) in Oesterreich-Ungarn. 8vo. pp. 4+100. map. Graz.

On the phenomenal irruption into western Europe of a vast horde of the Pallas Asiatic Sand-Grouse in 1883.

1901-16. Ornithologische Literatur Oesterreich-Ungarns und des Okkupationsgebietes. no t.-p. 16 vols. in 1. 8vo. Wien.

Edited by the author, founder of the *Ornithologisches Jahrbuch* (q.v.). Although this important annual contribution to the ornithological literature of Austria-Hungary is a separate publication from the *Verhandlungen der k. k. zoologisch-botanischen Gesellschaft in Wien*, yet it was also issued and bound separately as a serial and as such is entitled to a place in this *Catalogue*. It is a useful work of reference for the student.

1912. See DOMBROWSKI, ROBERT VON.

TUAN CH'ENG-SHIH 殷成式 [9th cent. A.D.].

1806. Jou kuo pu 内摺部; Description of birds of prey, such as eagles, and the way to catch them. pp. 7. (In *T'angtai ts'ungshu* 唐代叢書). 18.6 × 11.9 cm. [G.]

TUANO, JACOPO AUGUSTO.

1735. Il Falconiere di J. A. Tuano . . . dal Pesometro Latino all'endecasillabo Italiano trasferito, ed interpretato. Coll'Uccellatura a vischio di P. Angelio Bargeo . . . Poemetto pur Latino, similmente tradotto, e commentato. Ozii, e ameni studii de G. P. Bergantini. 4to. pp. 36+223+50+17. 1 pl. 1 portr. Venezia.

This rather scarce treatise is divided into three distinct sections. The first is a translation into hendecasyllabic Italian verse of original Latin hexameters dealing with falconry in general; the second part, also in verse, describes a method of catching birds by means of birdlime (still widely used in Italy) and, third, leisure-hour studies by G. P. Bergantini.

TUCKER, ANDREW G. C.

1809. Ornithologia Danmoniensis; or, An history of the habits and economy of Devonshire birds. 4to. pp. lxxviii. 12 pl. (6 col.). London.

The first of the local histories of English birds. It is an ambitious work, the text of which ends abruptly at p. 88 of the Introduction. The two parts printed show the author to have been an educated naturalist. The present copy contains six plain and six colored plates by W. R. Jordan. The covers to the two parts are bound in.

TUCKEY, JAMES KINGSTON [1776-1816].

1818. Narrative of an Expedition to explore . . . the Congo, etc. 4to. pp. 82+498. 13 pl. 1 map. illust. text. London.

A relatively important scientific travelogue. W. E. Leach having described a new species of Rafinesque's *Ocythoë*. J. Cranch gave an account of the collected animals as a whole, including 36 bird species.

TUCUMÁN, ARGENTINA. Museo de Historia Natural.

1924-date. Boletin.

TUEBINGEN ZOOLOGISCHE ARBEITEN.

1894-8. Leipzig.

TUEBINGER BLÄTTER FÜR NATURWISSENSCHAFTEN UND ARZNEIKUNDE. 1815-17. Tübingen.**TUEBINGER NATURWISSENSCHAFTLICHE ABHANDLUNGEN.** 1922-date. Tübingen.**TUFTS, ROBIE WILFRID.**

1917. Notes on the birds of the Grand Pré region, King's county, Nova Scotia. 8vo. pp. 154-99.

Halifax, N.S.

Author's separate, published Sept. 22, 1917. The observations are the results of field-work extending over 20 years. The annotated list contains 180 species and subspecies of birds, one-half of which breed in the area.

TUHFATU'S-SA'IDIN.

1870. Hindustani lithogram by Abid b. Husayn Ansari, on the lawfulness of the flesh of different animals for food. pp. 16. Lucknow (?).

TULK, ALFRED and HENFREY, ARTHUR [1819-59].

1844. Anatomical manipulation; or, The methods of pursuing practical investigations in comparative anatomy and physiology. 8vo. pp. 16+413. text-figs. London.

TULLBERG, TYCHO FREDERIK HUGO [1842-].

1899. Ueber das system der nagethiere; eine phylogenetische studie. 4to. pp. 514+18. 57 pl. Upsala.

Author's reprint of an elaborate monograph on the rodentia.

TULPIUS, NICOLAUS [1593-1674].

1652. Observationes medicae. Elzevir ed. 4 vols. 8vo. pp. 403. 18 pl. Amstelodami.

This physician, with the vernacular name of Claes Pieterszoon Tulp, was a Dutch naturalist of repute. He wrote, *inter alia*, in this work, one of the earliest descriptions of the Chimpanzee, with plate, erroneously called the Orang Utang. The Osler Library has the 1672 edition, the *editio princeps* having been published in 1641, since when at least half a dozen printings have appeared.

1672. N. Tulpii . . . observationes medicae. Ed. nova. [O.] 8vo.

TUNG SSÛ-CHANG 董斯張 [7th cent. ?].

1761. Kuang po wu chih 廣博物志; Encyclopedic work, including material on animals, birds, insects, fishes, etc., chüan 44-50. 25.7 × 16.6 cm. [G.]

TUNSTALL, MARMADUKE [1743-90].

1771. Ornithologia britannica: seu Avium omnium britannicarum tam terrestrium, quam aquaticarum catalogus, sermone latino, anglico & gallico redditus: cui subjicitur appendix, avec alienigenas, in Angliam raro advenientes, complectens. Printed for the author by J. Dixwell, 1771. folio. pp. (2)+4. 1 fig. London.

A list of species with names in Latin, English, and French. Since the vernacular names are identifiable, the Latin ones are tenable, and various avian names date from this publication. This original folio is very rare (the copy in hand is in the E.S.W. Library) and for that reason was reprinted in 1880 by the Willughby Society. The text-figure of two Water-Ouzels is by P. Brown.

[1780-90]. [Original manuscript notes and additions to the zoological works of Thomas Pennant; with water-coloured drawings of birds.] 4 vols. 4to. Vol. I, pp. 268. 6 pl. 8 figs. Vol. II, pp. 412. 14 col. drawings (15 figs.). 4 pl. 1 fig. Vol. III, pp. 296. 6 col. drawings (8 figs.). 2 pl. 2 figs. (1 lab.). Vol. IV, pp. 304. 1 pl. 5 figs.

[Wycliffe Hall.]

For the meagre information we possess about this eminent ornithologist one must turn to the *Memoirs of Marmaduke Tunstall* in George Fox's *Synopsis of the Newcastle Museum*, 1827, a copy of which, with portrait, is bound in with vol. I of the present unique and extremely interesting collection of MS. notes. The 20 water-color drawings (23 figs.) mostly represent birds not figured in Pennant's *British Zoology*, edition 1776 (q.v.). These drawings and the accompanying manuscript are certainly the work of Tunstall, and were probably prepared for future publication.

**** and **NEWTON, ALFRED**, ed.

1880. The Willughby Society. Tunstall's Ornithologia Britannica [1771]. Edited by Alfred Newton. 8vo. pp. iv+(2)+4+(6). 1 fig. London.

A facsimile reduced from the original folio of 1771 (q.v.) by photolithographic process. A preface by the editor gives a few facts relative to the author. See also WILLUGHBY SOCIETY.

TURATI, ERCOLE [1828-81].

1865-71. Storia naturale degli Uccelli . . . Lombardia. 2 vols. folio. See also BETTONI, E.

TURBERVILLE [TURBERVILLE], GEORGE [1540-1610].

1611. The booke of Falconrie or Havnting; For the onely delight and pleasure of all Noblemen and Gentlemen: Collected out of the best Authors, aswell Italians as Frenchmen, and some English practises withall concerning Falconrie; Heretofore published by George Turberville, Gentleman. And now newly reviued, corrected and augmented, with many new Additions proper to these present times. 4to. title with illust. of Hawking. pp. iv (Poem)+370. 2 ll. Epilogue in verse. num. cuts of accipitres. London.

The second edition (first A.D. 1575, extremely rare) of one of the most prized and best illustrated of early English books on hawking. The woodcuts of birds and hunting scenes are remarkably well made. As usual, bound up with this volume, and by the same author, is the *Noble Art of Venerie, or Hunting*. This augmented printing further differs from the first in having had (pp. 81 and 112) the figure of James I substituted for that of Queen Elizabeth. The author was also well known as a poet.

1611. The noble art of venerie or hunting. Wherein is handled and set out the vertues, nature, and properties of fifteene sundry chaces, together with the order and manner how to hunt and kill every one of them. Translated & collected for the pleasure of all noblemen and gentlemen, out of the best approved authors, which have written any thing concerning the same: and reduced into such order and proper termes as are

used here in this noble Realme of Great Britaine. 8vo. pp. (6)+250+(4). vignette. 52 figs. (4 music). T. of c. London.

What a word-painting of the noble art of bird-killing by 'our betters' in the sixteenth and seventeenth century is the above title! This work is generally ascribed to Turberville and usually found bound with the first edition of his work the *Booke of Faulconrie or Hawking*, 1575, but in the present instance with the second edition, 1611. Much of the text is given over to describing various beasts of the chase, on the treatment of diseases in hounds, and frequently the writer, like Mr. Wegg, breaks into (descriptive) poetry.

TURF, FIELD AND FARM. 1865-1903.

New York.

TURGOT, ÉTIENNE FRANÇOIS [1721-89].

1758. Mémoire . . . sur la manière de rassembler, . . . les divers curiosités d'Histoire naturelle, etc. Lyon.

TURIN. See (R.) ACCADEMIA DELLA SCIENZE DI TORINO.**TURIN. Musei di Zoologia ed Anatomia Comparata.**

1886-date. Bollettino.

TURNBULL, WILLIAM PATERSON [1830-71].

[1863]. Birds of East Lothian and a portion of the adjoining counties, from memorandums made between 1845-50. 8vo. pp. 15+(1).

Philadelphia.

A list of 201 birds of East Lothian, Scotland, with notes on distribution, etc. The book is undated and '1863' is quoted on the authority of Coues and of Taschenberg. The present volume was the author's own copy, and was purchased from his grandson.

1867. Birds of East Lothian and a portion of the adjoining counties. 8vo. pp. 7+48. 13 figs.

Glasgow.

An annotated list of 235 species. The present volume, in the E.S.W. Library, is one of two printed on pure white vellum, and is the author's own copy. The owner of the other copy is unknown. The first edition (q.v.) according to Coues was issued in 1863. If we are to believe the statement on the opposite side of the title-page the two vellum copies were in the 8vo edition and not in the 4to as stated by Mullens.

1869. The birds of east Pennsylvania and New Jersey. Printed for private circulation. 4to. pp. x+62. 19 figs.

Glasgow.

An annotated list of 342 birds of that part of 'Pennsylvania eastward of Alleghany Mountains, and of New Jersey, including the coast line which extends from Sandy Hook to Cape May'. Notes are given on abundance, dates of arrival and departure, vernacular names, etc. The drawings (after Wilson) were taken from his portfolio after his death. The edition of this work was limited to 150 copies 8vo, and 50 4to—two of the former being on vellum. The one under discussion is the author's own copy and was purchased from his grandson. There is an edition of this same date published in Philadelphia, but printed in Glasgow, which Coues is of the opinion may have been the first one, but which Zimmer (*Ayer Catalogue*, p. 643) considers to be the second. A detailed account of the work appeared in *Cassinia*, No. xx, pp. 1-6, 1916.

1869. The birds of east Pennsylvania and New Jersey. 8vo. pp. vii+50. vignette (on orig. wrapper).

Philadelphia.

An American edition of the work (published the same year in Glasgow under the same title) but without illustrations, except the vignette on the wrapper. Two changes in nomenclature occur, besides various other alterations, a full account of which are given by Zimmer in the *Ayer Catalogue*, p. 643.

TURNER, EMMA LOUISA and BARR, P. H.

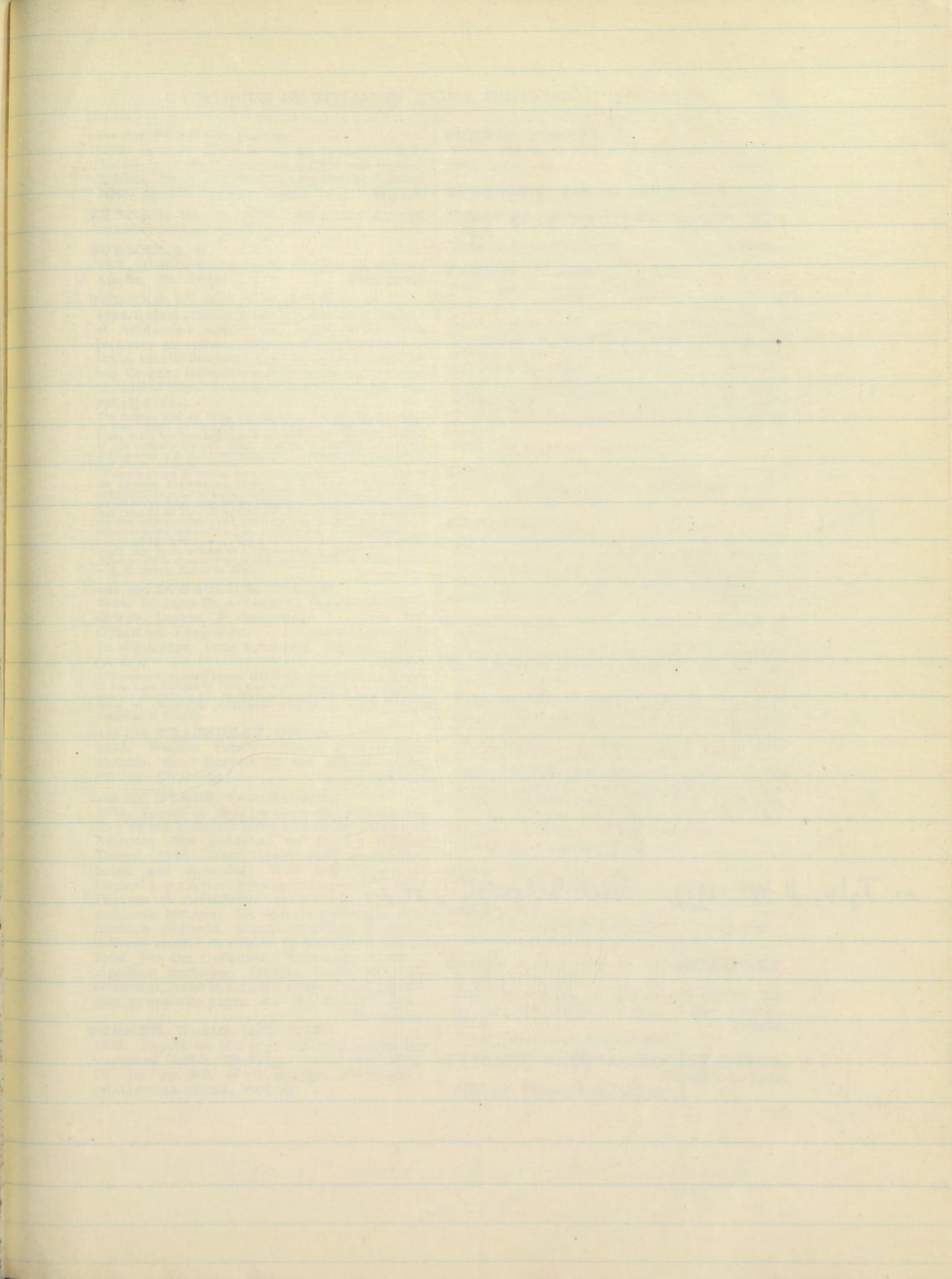
1907. The home-life of some marsh-birds. 8vo. pp. 62. 32 pl. 12 figs. T. of c. London.

1911-13. (The) British bird book, etc. See KIRKMAN, F. B. B.

1924. Broadland birds. 8vo. pp. 16+172. 70 pl. index. London.

Have this

to send this to the British Museum again → This is the 2nd part on Hunting Dogs I have it also



→ Tyler, H.W. 1927. See Sedgwick, W.T.

**** and **GURNEY**, ROBERT.

1925. A book about birds; an introduction to the study of their structure, habits and characteristics. Illust. with sketches by Robert Gurney. 12mo. pp. 120. 24 figs. index. London.

TURNER, HY. J. 1909. See SOUTH-EASTERN UNION OF SCIENTIFIC SOCIETIES.

TURNER, L. M.

1886. Contributions to the Natural History of Alaska. 4to. illust. Washington.

TURNER, WILLIAM, *Dean of Wells* [d. 1568].

1544. Avium præcipuarum, quarum apud Plinium et Aristotelem mentio est, brevis & succincta historia; ex optimis quibusque scriptoribus contexta, scholio illustrata & aucta. Adiectis nominibus Græcis, Germanicis & Britannicis. Coloniae excudebat Ioan. Gymnicus, Anno M.D.XLIH. 8vo. pp. (2)+(155).

The earliest book on birds, written by an Englishman at Cologne in 1544. There are very few original copies of this interesting little book, which has been reproduced in recent years. The best account of the author's life and works is given in Mullens and Swann, *Bibliography of British Ornithology* (q.v.). See also TURNER, WILLIAM and EVANS, ARTHUR HUMBLE.

Turner's object in writing the present treatise is fully set forth in his *Epistola Nuncupatoria* prefixed to it. While attempting to determine the principal kinds of birds named by Aristotle and Pliny, he has added notes from his own experience on some species which had come under his observation, and in so doing he has produced the first book on Birds which treats them in anything like a modern scientific spirit and not from the medical point of view adopted by nearly all his predecessors; nor is it too much to say that almost every page bears witness to a personal knowledge of the subject, which would be distinctly creditable even to a modern ornithologist. —A. H. Evans, *Turner on Birds*.

**** and **LONGOLIUS**, GYBERTUS.

1544. Dialogus De Avi-bus, Et Earum nominibus Græcis, Latinis, & Germanicis . . . Per Dn. Gybertum Longolium . . . Coloniae excudebat Io. Gymnicus, Anno M.D.XLIH. sm. 8vo. 56 ll. (A-G^s). Cologne.

Although not generally known, this rare book has Turnerian interest. It was from Cologne in 1544 that Turner issued his *Avium præcipuarum Historia* (q.v.). In the same year, and through the same press, he edited this posthumous work of his friend Gybertus Longolius of Utrecht.

**** and **THACKERAY**, GEORGE.

1823. William Turner: Avium Præcipuarum historia, etc. Reprint of the original (1544) edition. (Wanting.) Cambridge.

**** and **EVANS**, ARTHUR HUMBLE.

1903. Turner on birds: a short and succinct history of the principal birds noticed by Pliny and Aristotle, first published by Doctor William Turner, 1544. With introduction, translation, notes, and appendix. With reproduction of original t.-p.: Avium præcipuarum, quarum apud Plinium et Aristotelem mentio est, brevis & succincta historia. Ex optimis quibusque scriptoribus contexta, scholio illustrata & aucta. Adiectis nominibus Græcis, Germanicis & Britannicis. Per Dn. Guilielmum Turnerum, artium & medicinæ doctorem. Coloniae excudebat Ioan. Gymnicus, Anno M.D.XLIH. Original and translation on opposite pages. 8vo. pp. 18+223. index. Cambridge.

TURNER, WILLIAM [1832-?1905].

1887. Report on the seals collected during the voyage of H.M.S. 'Challenger' in the years 1873-76. 4to. pp. 240. 10 pl. text-figs. See ZOOLOGY CHALLENGER EXPED., Part 68.

TURNER-TURNER, J.

1902. The Giant Fish of Florida. 8vo. pp. 11+206. index. 48 pl. London.

TURQUET, J. 1906-24. See CHARCOT, J. B. E.

TURQUET DE MAYERNE, THEODOR [1573-1655].

1634. Insectorum etc. fol. Londini.

TURTON, WILLIAM [1762-1835].

1805. See GOLDSMITH, OLIVER.

1806. See LINNAEUS, C.

1807. British fauna, containing a compendium of the zoology of the British islands: arranged according to the Linnean system. Vol. I. 12mo. pp. 230+vii. index. Swansea.

An interleaved copy with MS. notes by J. C. Dales, F.L.S., High Sheriff of Dorset, with his bookplate dated 1843, and that of Major Mullens. The portion dealing with the class *Aves* will be found on pp. 18-77, the list consisting of 294 species which are described as to size and color only. The work was never carried beyond the first volume.

1816. See GOLDSMITH, OLIVER.

TUTT, JAMES WILLIAM [1858-1911].

1919. Woodside, burnside, hillside and marsh. 8vo. pp. 6+241. illust. London.

TU YA T'SIUN.

1927. Zoological Nomenclature. A complete dictionary of zoological terms. 4th ed. English-Chinese Index. pp. 135. Chinese Index. pp. 82. Text. pp. 2,635. illust. in colors and black and white. 9 in. x 6 in. [G.] Shanghai.

TWEEDDALE, ARTHUR HAY, 9th Marquis of [1824-78].

1875. A list of the [219 species of] birds known to inhabit the Philippine archipelago. 4to. pp. 128. 13 col. pl. append. [London.]

Author's reprint from the *Trans. Lond. Zool. Soc.*, 1875. A second attempt to construct a complete list of the Philippine avifauna, the first having been compiled by Dr. V. Martens in 1866, who enumerated 194 species. From these, the present author has deducted 24 (for various reasons), but has added 49, thus making the total 219. The Appendix, pp. 249-52, contains an Index of Philippine species as well as a Table showing their Geographical distribution.

1881. Ornithological works; ed. and rev. by his nephew, R. G. W. Ramsay, together with a biographical sketch of the author by W. H. Russell. 4to. pp. 64+760. portr. 14 text-figs. London. Reprinted from the originals for private circulation.

1880-5. See THOMSON, C. W.

TYAS, ROBERT [1811-79].

[? 1854-6]. Beautiful birds. See COTTON, JOHN.

TYLER, J. G.

1913. Birds of the Fresno District, Cal. pp. 114.

Author's separate of No. 9, *Pacific Coast Avifauna*.

TYLOR, ALFRED [1824-84] and **SKERTCHLY**, SYDNEY B. J., ed.

1886. Colouration in animals and plants. 8vo. pp. 14+105. 24 pl. (12 col.). 3 figs. glossary. index. London.

Very rare; not in *Cat. Br. Mus. (Nat. Hist.)*.

TYNESIDE NATURALISTS' FIELD CLUB.

Newcastle-on-Tyne.

1846-64. Transactions. (All pub.)

TYSON, EDWARD [1650-1708].

1699. Orang-outang; sive, Homo sylvestris; or, The anatomy of a pygmy compared with that of a monkey, an ape, and a man. To which is added, A philological essay concerning the pygmies, the cynocephali, the satyrs, and sphinges of the ancients. 2 vols. in 1. 4to. pp. 12+108+55. 8 pl. [O. 4139.]

London.

Description of an ape which Tyson dissected. It proved to be a Chimpanzee, whose skeleton is still preserved in the *Brit. Mus., Nat. Hist. Dept.*

TYZENHAUS, H. v.

1843-6. Ornithologia powszechnia, etc. In Polish. 3 vols. (Wanting.)

Wilna.

TYZENHAUZ, KONSTANTY [1786-1853]. 1862.

See TACZANOWSKI, W. [L.]

UEXKÜLL, JAKOB JOHANN VON [1864-].

1928. Theoretische biologie. 2nd ed. 7 pl. Berlin.

UITGELEEZE NATURKUNDIGE VERHANDLINGEN. 1734-64?

Amsterdam.

ULLOA, ANTONIO DE [1716-95].

1772. Noticias americanas, etc. 4to. Madrid.

The observations of this Spanish adventurer to South America included many descriptions of its fauna.

ULSTER FISHERIES AND BIOLOGY ASSOCIATION.

1907. Scientific Papers.

UNCLE WARREN, pseud.

1897. Birds; their homes and their habits. 4to. pp. 4+192. 24 pl. Philadelphia.

UNDERWOOD, CECIL F.

1889. Avifauna Costarriquena Lista Revisada. (Wanting.) San José, Costa Rica.

UNGARISCHE NATURWISSENSCHAFTLICHE GESELLSCHAFT. See (K.) MAGYAR TERMÉSZETTUDOMÁNYI TÁRSULAT, BUDAPEST.

UNIONE ZOOLOGICA ITALIANA. See ARCHIVIO ZOOLOGICO.

UNION LIST OF SERIALS, etc. 1927.

A valuable work of reference which has been of signal value in preparing the present *Catalogue*.

UNITED KINGDOM AND FOREIGN CAGE-BIRD SOCIETY.

1890-5. Reports edited by W. Osbaldeston for the Society. Vols. I-IV (all pub.). 12mo. Preston.

The issues are not numbered; the numbers of the first volume bear irregular dates, and are separately paged; occasionally the pagination is continuous and includes two or more numbers.

This useful little periodical contained in addition to a list of society members, many short, interesting papers on cage-birds, by the Editor, by W. T. Greene, and other well-known naturalists.

UNITED STATES. [Government voyages, expeditions, explorations, surveys, etc., most of them in chronologic order.]

1845-76. United States Exploring Expedition . . . 1838-42, by Charles Wilkes. 20 vols. folio. Philadelphia.

This represents the first full report of a famous expedition, a *Synopsis* in one volume having been published in 1842. The section

on mammalogy and ornithology was originally written and pictured by Titian R. Peale, and published in 1848, but the text was subsequently suppressed and the drawings made by him were not reproduced on that date. Although Peale was the chief zoologist of the expedition his work was utilized by J. Cassin (under Government instruction) and little credit was given him in the elaborate report [vol. VIII, 1858] on Mammalogy and Ornithology, pp. viii+466, 46 col. pl. C. Girard wrote the section on herpetology, pp. 17+496+10, with 32 col. pl. At least two reissues of parts of the present title were made, one of vol. XV, pt. 1, pp. 168+44 in 1863, and another of the botany (Musci), vol. XVII, pp. 32, 26 pl. The *editio princeps* (1844) of this Voyage was a very limited one, and copies (especially of Titian Peale's section) are among the rarest of American scientific literature. A photostat copy of the latter is in the E.S.W. Library at McGill.

1845. Narrative of the United States exploring expedition, 1838-42, by Charles Wilkes. 5 vols. 8vo. 300 figs. Washington.

Contains the same type, page, and reading matter as the large paper edition, but with the substitution of 47 woodcuts for that number of steel vignettes, the omission of the 64 plates, and the use of 10 of the 14 maps, 3 of which are on a reduced scale. References to birds will be found throughout the five volumes, but the best accounts of these are in the volume dealing with the Mammalogy and Ornithology of the expedition by John Cassin, 1858, together with a folio atlas containing 42 colored plates of the birds. A condensed and abridged edition in one vol. was issued in 1845.

[1845?]. Narrative of the United States exploring expedition during the years 1838-42, by Charles Wilkes. Condensed and abridged. 8vo. pp. (8)+372. 4 append. index. London.

A condensation containing the pith of the larger edition published by the American Government in five vols., 1845. References to birds will be found throughout the volume, but the best account of these will be found in the volume dealing with the Mammalogy and Ornithology of the expedition by John Cassin, 1858, together with a folio atlas containing 42 colored plates of the birds.

1845. Narrative of the United States exploring expedition, 1838-42, by Charles Wilkes. 5 vols. 8vo. illust. Philadelphia.

A reprint of the original edition issued the same year.

1848. United States Exploring Expedition. See PEALE, TITIAN RAMSAY.

1852. Geol. Survey, Wisconsin, Iowa and Minnesota, etc. Report, etc. By D. D. Owen. 4to. pp. 638. 46 col. pl. 4 col. maps. illust. text. Philadelphia.

In this Report J. Leidy describes the remains of extinct chelonians and mammals and H. Pratten furnishes a systematic catalogue of the birds.

1853. Report of an expedition down the Zuni and Colorado Rivers by Capt. L. Sitgreaves. 8vo. pp. 198. 78 pl. 1 map. Washington.

This important Federal publication contains several sections on vertebrate zoology: a general report by S. W. Woodhouse; on mammals and birds by the same author; reptiles by E. Hallowell; fishes by S. F. Baird and C. Girard.

1853-4. Exploration of the Valley of the Amazon . . . made by W. L. Herndon and L. Gibbon. 2 vols. illust., and 2 vols. atlas. 8vo. (Wanting.)

Washington.

Valuable contributions to the natural history of South America are to be found in this noteworthy report.

1855-6. The U.S. Naval astronomical expedition to the southern hemisphere, during the years 1849-'50-'51-'52. Lieut. J. M. Gilliss, superintendent. 4 vols. Vols. I, II, III, and VI. 4to. front. col. and plain pl. maps. plans. Washington.

Among the zoological reports were, in vol. II, Appendix F, the Mammals by S. F. Baird, Birds by J. Cassin, Reptiles and Fishes by C. Girard; Appendix G, Fossil mammals by J. Wyman—all published in 1855.

1855-9. Pacific Railroad Survey . . . 1853-54. Reports of Explorations and surveys . . . route

→ Tyller, P.F. 1833. Historical view of the progress of discovery on the more northern coasts of America, with descriptive sketches of the natural history of the both American regions. Ed: 2. pp. 464. 3 pls. 1 map. 6 illust. Edinburgh.

for a railroad from the Mississippi to the Pacific Ocean. *11 vols. 4to. illust.* Washington.

This is an extremely valuable and extensive early scientific report on the zoology of the western half of the North American continent. Vol. III (1859) contains a report on land birds and reptiles by J. G. Cooper; mammals by J. G. Cooper, G. Suckley, and G. Gibbs. The Appendix of vol. V (1859) has an article on fossil fishes by L. Agassiz; vol. IV (a second zoological report, pp. 114+4, 16 col. pl.) furnishes a description of fishes by C. Girard, and an essay on general zoology by J. S. Newberry. Vol. VIII gives an important description of the mammals by S. F. Baird, 1857, pp. 19-48+757, 44 pl. and *illust. in text.* Vol. IX, birds, 1858, by S. F. Baird, J. Cassin, and G. N. Lawrence, pp. 56+1005. Vol. X, reptiles, by S. F. Baird, pp. 16, 13 pl., 1859; fishes, by C. Girard, pp. 14+400, 21 pl., 1858.

Continuing vol. II, there was issued a special zoological report of 27 pp. and 20 pl. For this section S. F. Baird commented on certain mammals, birds, and reptiles, while C. Girard described a few fishes. To this volume, also, A. L. Heermann added remarks on some birds, and E. Hallowell on reptiles. There was also added to vol. IV a report in 1859 (pp. 64, 34 col. pl.) by C. B. R. Kennerley on mammals and birds, by S. F. Baird on reptiles, and by C. Girard on fishes. To vol. V, a zoological report (1859) of pp. 97, with 26 col. pl., containing a description of certain reptiles by E. Hallowell; birds by A. L. Heermann, mammals by S. F. Baird, fishes by C. Girard. Continued from vol. VI a few pages were written by S. F. Baird (1857) on reptiles, illustrated by 4 pl.

A second edition (q.v.) of this rather mixed and confusing record was issued as 12 vols., 1855-61. Several of the volumes as well as many of the individual parts of both editions have been separately published.

1855-61. Pacific Railroad Survey . . . 1853-54. Reports of Explorations and Surveys, etc. *12 vols. 4to.* Washington.

The second edition of this well-known series. Vols. I-XI are practically identical with the *editio princeps*, the added vol. XII (Books 1 and 2) giving chiefly a history of a (new) transcontinental route from St. Paul to Puget Sound. Book 2 has the Zoological Report (1860) consisting of pp. 9+399, and 47 col. pl., in which the mammals are described by J. G. Cooper, G. Suckley, and G. Gibbs; land birds by J. G. Cooper, water birds by G. Suckley; reptiles by J. G. Cooper, and fishes by G. Suckley.

1857-9. Report on the United States and Mexican boundary survey. *2 vols. 4to.* Vol. I, *pl. and maps.* Vol. II, *271 pl. (25 col., birds). indexes.*

Washington.

The report on 226 species of birds was prepared by Spencer F. Baird, with 25 colored plates.

1858. United States Exploring Expedition. During the years 1838, 1839, 1840, 1841, 1842. Under the Command of Charles Wilkes. Mammalogy and Ornithology by John Cassin, with a folio atlas. pp. viii+466. *index.* Atlas, *11+42 pl. index.* Philadelphia.

The above forms vol. VIII of the edition (in 24 vols.) published in 1844-74. It was first issued as Mammalia and Ornithology by Titian R. Peale . . . Philadelphia, without plates. This volume was later suppressed and replaced by the present one by John Cassin.

1858. Reports of Explorations and Surveys, to ascertain the most practicable and economical route for a railroad from the Mississippi River to the Pacific Ocean, 1853-56. Vol. IX. Birds; by Spencer F. Baird. With the co-operation of John Cassin and George N. Lawrence. *4to. pp. 56+1005. 3 append. bibliogr. 2 indexes.* Washington.

The most important work on North American birds up to its date since Audubon and Wilson. The work is not restricted to the species collected by the Pacific Railroad Surveys, but embraces a descriptive account of all the birds of North America, north of Mexico. Most of it is by Baird, but pp. 4-64, 689-753, and 900-18 are by Cassin, and pp. 820-900 by Lawrence. Pp. xvii-lvi were reissued, with separate title-page, in 1858 as Baird's *Catalogue of North American Birds*. The entire volume was reprinted in 1860 with few alterations and issued, together with plates from other volumes of the Pacific Railroad Survey reports, the U.S. and Mexican Boundary Survey, and other sources, as Baird, Cassin, and Lawrence's *The Birds of North America*.

The present volume also exists as *Senate Ex. Doc.*, No. 78.

1870-80. Geologic Exploration of the Fortieth Parallel. Report, etc. *7 vols. with allases. 4to and folio.* Washington.

The sections that interest vertebrate zoologists are vol. IV, part 3,

Ornithology by R. Ridgway, 1877, and vol. VII, Odontornithes by O. C. Marsh, pp. xv+201, 34 pl. and *illust. text.* Both these important monographs are listed and elsewhere commented on in the pages of this *Introduction*.

Department of Fisheries. Washington.
1871-date. Reports.

1881-date. Bulletin.

1884-7. Fisheries and Fishery Industries of the United States. By G. B. Goode [and others]. *5 sections. 8vo.* Washington.

This important governmental publication contains a number of papers on various aspects of American fishes and fisheries by G. B. Goode, on whales and porpoises by the same author; seals and walrus by J. A. Allen; habits of the Fur-seal by H. W. Elliott; Manatees and Arctic Sea Cow by F. W. True; and on reptiles and batrachians by the last named naturalist.

1898-9. Bureau of Fisheries. The Fur-Seals and Fur-Seal Islands of the North Pacific Ocean. By D. S. Jordan and others. *4 vols. 8vo. illust.*

Washington.

Under the heading *supra* is included many sections whose valuable contributions to the natural history are not indicated by the major title. The chief editor, David Starr Jordan, in conjunction with G. A. Clark, C. W. Stiles, A. Hassall, and L. Stejneger, gives an elaborate account of the seals; F. W. True describes the mammals; W. Palmer the avifauna; D. S. Jordan, C. H. Gilbert, and N. B. Scofield the fishes.

1873-80. Geologic and Geographic Survey of the Territories. Miscellaneous Publications. Nos. 1-12. *8vo.* Washington.

This is a noteworthy and important series separately paged and often published as individual volumes. The titles on vertebrate zoology are all listed in this *Catalogue* and several of them commented on in the *Introduction*.

1873-90. Geologic and Geographic Survey of the Territories. Report, etc. Vols. I-III-V-XIII. *4to.* Washington.

Vol. IV of this important series was never issued. Many of the (separately paged) volumes were published independently; those relating to vertebrate zoology are listed as such in this *Catalogue*. They are: vol. I, pt. 1, J. Leidy, Contributions to the extinct Vertebrate Fauna of the Western Territories, 1873, pp. 353, 37 pl.; vol. II, E. D. Cope, Vertebrata of the Cretaceous formations of the West, 1875, pp. 4+302, 57 pl. and *illust. in text.*; vol. III, Vertebrata of the Tertiary formations of the West, 1883-4, 2 pts., pp. 34+1009, *text illust.* Atlas with 134 pl., also by E. D. Cope; Monographs of North American Rodentia, by E. Coues and J. A. Allen, 1877, pp. 12+10+1091, 6 pl. and *illust. text.*

1874-89. Geographic and Geologic Explorations West of the Hundredth Meridian. Reports, etc. Vols. I-VI and atlas. *4to. and folio.*

Washington, D.C.

One of the most valuable of Federal contributions to Zoology, pp. 1021, 45 pl., 28 of them colored, and numerous text illustrations, 1875. H. W. Henshaw described the birds; H. C. Yarrow and E. Coues the batrachians and reptiles; E. D. Cope and H. C. Yarrow the fishes.

1883. Voyage to Alaska. Cruise of the Revenue-Steamer 'Corwin' in Alaska and the N.W. Arctic Ocean in 1881. *4to. pp. 120. 12 pl. illust. text.*

Washington.

In this important work the birds are described by E. W. Nelson, the fishes by T. H. Bean.

1885. Voyage to Alaska. Report of the International Polar Expedition to Point Barrow, Alaska, etc. *4to. pp. 695. 21 pl.* Washington.

The mammals, birds, and fishes collected on this expedition were described by J. Murdoch.

1889-1930. Department of Agriculture. North American Fauna.

A very important serial, many of whose titles (on vertebrate zoology) are separately listed in this *Catalogue*.

1920. Department of Agriculture. Game laws for 1920. A summary of the provisions of federal,

[UNITED STATES (contd.)]

state, and provincial statutes. *Svo.* pp. 84.
T. of c. [Washington.]

The objects of this Bulletin, containing the twenty-first annual summary of Federal and other game laws and regulations, are to present the provisions of game legislation in convenient form for sportsmen and others and to show its general condition and trend from year to year.

1922-30. Department of Agriculture. Bureau of Biological Survey. Bird banding notes. Irreg. 4to. Issued by E. H. Nelson, Director. Mimeographed. Washington.

Although the Director deprecates listing this useful circular as a 'periodical' yet it comes well within the definition adopted by the Compiler, and he is glad to draw attention to its extreme value as a record of work done in bird banding, not only in the United States but abroad.

1924. Committee on agriculture. Migratory bird refuge act. A bill for the establishment of migratory-bird refuges to furnish in perpetuity homes for migratory birds, the establishment of public shooting grounds to preserve the American system of free shooting, the provision of funds for establishing such areas, and the furnishing of adequate protection for migratory birds. *Svo.* pp. 3+63. *T. of c.* Washington.

National Museum. Washington.
1875-date. Bulletin.

1878-date. Proceedings.

See also SMITHSONIAN INSTITUTION.

1918. National park service. Department of the interior. Wild animals of Glacier national park. The mammals, . . . by V. Bailey, The birds, by F. M. Bailey. See BAILEY, V. and BAILEY, F. A. (born MERRIAM).

1920. Superintendent of Documents. Price list 39. 9th ed. Birds and wild animals. List of publications relating to above subjects for sale. *Svo.* pp. 12. Washington, D.C.

UNIVERSITETETS ZOOLOGISKE MUSEUM. Copenhagen.
Publikationer.

UNIVERSITY OF CHICAGO SCHOOL SCIENCE SERIES.

1924. Our living world. See DOWNING, E. R.

UNSERE VOGELZUCHT. Illustrierte Zeitschrift, herausgegeben von Baron G. Heyking. [German translation of the Russian title.] 1907-16. (All pub.?) Kief, Russia.

The Compiler's information is that this deservedly successful monthly was interrupted by the World War and its aftermath, but that it may yet be continued.

UNSERE WELT. Illustrierte Monatsschrift zur Förderung der Naturkenntnis. 1909-date. Bonn, Detmold.

UNTERHALTUNGEN AUS DER NATURGESCHICHTE. 1792-1825? Augsburg.

UNTERRICHT F. LIEBHABER DER KANARIENVÖGEL. Quedlinburg.
1864. Anonymous.

UNTERRICHTSBLÄTTER FÜR MATHEMATIK UND NATURWISSENSCHAFTEN. 1895-date. Berlin.

UNTERSTEINER, LEOPOLDO.
1902. (I) nostri migliori uccelli canori. 12mo. pp. 9+175. *T. of c.* Milano.

UNTERSUCHUNGEN ZUR NATURLEHRE DES MENSCHEN UND DER TIERE. 1856-1901? Frankfurt-a-M.

UPSALA. Universitet.
1861-date. Årsskrift.

1912-date. Zoologiska Bidrag från Uppsala.

URAGUS. In Russian and German. Journal der Sibirischen Ornithologischen Gesellschaft. Published by the U.S.S.R. Siberian Tomsk University, Siberia in Russia. Quarterly.

1926-30. 4to. *illust. covers.* Devoted to Siberian ornithology.

The first number gives the history and plans of the *Sib. Ornith. Soc.*, and several papers on the bird life of Siberia. It is proposed to issue as supplements monographs on Asiatic birds.

'URANIE AND PHYSICIENNE', VOYAGES OF THE. 1824-6. See FREYCINET, LOUIS DE.

URE, GEORGE.
1890. Our fancy pigeons. *Svo.* pp. 16+313. 6 pl. *index.* London.

URSINUS, JOHANNES.
1541. Prosopopeia Animalium Aliquot: in qua multa de eorum uiribus, natura, proprietatibus precipuè ad rem Medicam, etc. Apud Mathiam Bonhomme. 4to. pp. 55. *illust. title.* Viennae.

A curious and rare treatise in verse on certain animals whose parts are used in medicine.

USSHER, RICHARD JOHN [1841-1913] and WARREN, ROBERT.
1900. The birds of Ireland. An account of the distribution, migrations and habits of birds as observed in Ireland, with all additions to the Irish list. *Svo.* pp. 31+419. 7 pl. (1 col.). *text-figs. map.* London.

An excellent account of Irish birds—the best in recent years—giving a systematic catalogue of the various species with a full description of their characteristics and habits.

1903. Snipe and woodcock. See SHAW, L. H. DE VISME.

UTAH ACADEMY OF SCIENCES. Salt Lake City.
1908. Transactions.

UTHMAN BEG.
1886. 'Ilmu'l-haywanat. Modern treatise on zoology. In Arabic. 4to. pp. 23+775. *text-figs. lithogram.* (?) Cairo.

UTRECHT. Rijksuniversiteit.
1889-94. Studies from the Zoological Laboratory.

VAGRANT. Pseud. (GREENWOOD, HARRY, ed.)
1868. Random notes on Indian and Burman ornithology. *Svo.* pp. (2)+27. Bangalore.
Notes on about 116 species of Indian and Burmese birds, based on Jerdon's *Birds of India*, 1862-4.

VAHL, MARTIN HENDRIKSEN [1749-1804]. 1788. See MÜLLER, O. F.

→ Valerianus. 1556. Hieroglyphica. Folio, Basle.

1602. Hieroglyphica. Italian translation. Venice.

→ Valette, F.H. 1906. Viaje à las islas Orcadas australes. 10 pls. (9 col.)

→ Valley-Radot, René. 1927. The life of Pastun. pp. 484.

→ Van Cleave, H. J. 1931. Invertebrate zoology. 282 p. 2nd Edⁿ.

VAILLANT, AUGUSTE NICOLAS [1793-1858]. 1840-66. See also VOYAGES, FRENCH. Voyage autour du monde . . . sur 'La Bonite', commandée par M. Vaillant. Paris.

The reports of this famous scientific expedition were published in 15 vols. text and 3 vols. atlas. Vertebrate zoology is fairly represented, and the separate portions of vol. I covering general zoology and edited by Bydoux and Souleyet are found separately published.

VAILLANT, LÉON LOUIS [1834-1914] and **BOCOURT**, F. 1868-1909. See MISSION SCIENTIFIQUE AU MEXIQUE.

1875-1900. See GRANDIDIER, A., Histoire physique de Madagascar.

1882. See RÉVOIL, G.

1885-91. See MISSION SCIENTIFIQUE DU CAP HORN.

1886-1906. See 'TRAVAILLEUR' AND 'TALISMAN'.

1894. See JAN-MAYEN, VOYAGE TO.

1906-8. See FRANCE. EXPÉDITION ANTARCTIQUE.

1910. Histoire naturelle des reptiles. (*Histoire physique, naturelle et politique de Madagascar*, vol. 17.) 4to. pp. 2+86. 27 pl. Paris.

VALENCIENNES, ACHILLE [1794-1865].

1825-37. See HUMBOLDT, F. H. A. and BONPLAND, A. J. A.

This accomplished French zoologist published no independent treatises of any importance. His *métier* seemed to be that of joint authorship and especially of making reports on the collections of others—and yet he performed very important functions in the world of science during the first half of the nineteenth century.

1828-49. See CUVIER, G. C. L. and VALENCIENNES, A. [1831-46]. See VOYAGES, FRENCH: AUX INDES-ORIENTALES.

1835-44. See WEBB, P. B. and BERTHELOT, S.

1835-47. (Fishes of South America.) See VOYAGES, FRENCH: DANS L'AMÉRIQUE MÉRIDIONALE.

1840-64. See VOYAGES, FRENCH: AUTOUR DU MONDE SUR . . . LA VÉNUS.

1840-66. See VOYAGES, FRENCH: AUTOUR DU MONDE SUR LA BONITE.

1847. Poissons. folio. pp. 11. Paris.

One of the most valuable minor works of the author who in it reported on the fishes of South America in the well-known *Voyage dans l'Amérique Méridionale*.

VALENTIJN, FRANÇOIS [?1666-1725].

1773. Abhandlung von Schnecken, Muscheln und Seegewächsen welche um Amboina und den umliegenden Inseln gefunden werden. Als ein Anhang zu G. E. Rumphs Amboinischen Raritätenkammer, aus dem Holländischen übersetzt von P. L. S. Müller. folio. pp. 8+148. 18 pl. Wien.

In this curious and interesting work, the plate containing Valentyn's illustration of the mermaid is reproduced from his *Oud en nieuw Oost-Indiën* (1724-6), though without the original narrative which is quoted in Tennent's *Ceylon*. In the explanation of the plate this 'fish' is pronounced to be fabulous.

VALENTIN, RUPERT. 1924. See BOYSON, V. F.

VALENTINI, MICHAEL BERNHARD [1657-1729].

1714. Museum Museorum oder vollständige Schau-Bühne, etc. Zweyte ed. Printed in double

column. folio. pp. 22+520. 7 pl. text-figs.: pp. 2+76. text-figs.: pp. 2+119. 9 pl.

Franckfurt am Mayn.

Minerals, plants, and animals are well described and illustrated. The 'dritter Buch' contains the description of the animals in the museum, with many quaint pictures. The first edition appeared in 1704. From the Frank Adams Library.

1720. Amphitheatrum Zootomicum . . . exhibens historiam animalium anatomicam. 3 pts. in 1 vol. folio. 104 pl. Francofurti ad Moenum.

The first extensive work on the comparative anatomy of vertebrates.

→ **'VALHALLA', VOYAGE OF THE.** See NICOLL, M. J., 1908.

→ **VALLEY NATURALIST.** 1878-80. St. Louis.

VALLISNIERI (or VALISNIERI), ANTONIO [1661-1730].

1710. Considerazioni, ed Esperienze intorno al creduto Cervello di Bue impietrato, vivente ancor l'Animale, etc. 8vo. pp. 15+51. 10 pl. [O. 4155.] Padoa.

1715. Istoria del Camaleonte Affricano, e de varj Animali d'Italia. 4to. pp. 8+200. 13 pl. 1 portr. Venezia.

First edition of a well-known work containing an early description of a chameleon.

1715. Raccolta di varj Trattati del Sig. Antonio Vallisnieri. 4to. pp. 261. 16 fold. copper pl. index. Venezia.

This instructive collection of 19 papers covers an intelligent and wide discussion of many natural history subjects.

← **VALMONT DE BOMARE**, JACQUES CHRISTOPHE [1731-1807].

1791. Dictionnaire raisonné universel d'histoire naturelle, etc., contenant l'histoire des animaux. 4th ed. 15 vols. 8vo. Lyon.

The first edition in five volumes was published in 1765.

← **VAN DENBURGH**, JOHN.

1897. The Reptiles of the Pacific Coast and Great Basin, etc. 8vo. pp. 236. text illust. San Francisco.

This systematic paper—issued as author's separate—was contributed to vol. V, *Occasional Papers, California Academy of Sciences*.

1922. The Reptiles of western North America. 2 vols. 128 pl. San Francisco.

One of the best treatises on the subject extant.

VAN DYKE, THEODORE STRONG [1842-?].

1886. Southern California: its animals, birds, and fishes, etc. 8vo. pp. 12+233. T. of c. New York. Mainly a condensation of a book originally written for *The American Field*.

1895. Game birds at home. 8vo. pp. 219. T. of c. New York.

The author was a semi-professional bird-killer, and in this work he tells how most effectually to accomplish the purposes of the hunter.

1902. See ROOSEVELT, THEODORE.

1903. (The) water-fowl family. See SANFORD, L. C.

1924. Upland game birds. See SANDYS, EDWYN.

VAN HAVRE, G. C. M.

1928. Les oiseaux de la faune belge; relevé documenté des espèces sauvages observées en Belgique. 4to. pp. 497. illust. Bruxelles.

A useful and up-to-date work on Belgian avifauna.

VANHOEFFEN, ERNST [1858-].

1895. Zoologie und Botanik d. Suedpolar-Gebietes. Berlin.

VAN HOESEN, HENRY BARTLETT and **WALTER, FRANK KELLER.**

1928. Bibliography Practical, Enumerative, Historical. An Introductory Manual. 8vo. pp. 519. *illust. index.* New York.

A valuable treatise that in every sense justifies its title. The bibliographical Appendix furnishes valuable information on every aspect of book-making and library administration. The whole work is a model of compact usefulness for the student.

VAN KAMPEN, P. N.

1890-1907. See WEBER, MAX C. W.

1923. The Amphibia of the Indo-Australian Archipelago. 8vo. pp. xii+304. Leiden.

The most important modern treatise on a subject but rarely considered.

VAN LEU, PETER. 1923. See ANONYMOUS. Die Zweisprach der Tiere.

VAN MONS, J. B. 1819-21. See ANNALES GÉNÉRALES DES SCIENCES PHYSIQUES.

VANNI, VIOLANTE [-1775] and others.

1767-73. Ornithologiae Methodice Digesta, atque Iconibus aeneis ad vivum illuminatis ornata. See ANONYMOUS, and MANETTI, XAVERIO.

VAN OORT, E. D.

1904. Beiträge z. Osteologie d. Vogelschwanzes. 5 col. pl. Leiden.

Author's reprint on the osteology of the bird's caudal appendages.

See, also, OORT, E. O. VAN.

1907. Museum d'Histoire Naturelle des Pays-Bas. Catalogue ostéologique des Oiseaux. Tome X. Première Partie. 8vo. pp. 384. 14 pl. Leiden.

This admirable and separately published monograph deals with 3,300 skeletons of birds, 56 partial skeletons, 456 crania, representing 1,794 species.

1918-date. Ornithologia Neerlandica. De Vogels van Nederland. 4to. To be completed in five vols., with text and over 400 colored plates. Issued irregularly in parts.

A magnificent monograph on the birds of Holland with a full description of all the Dutch species, an account of their habits and distribution, and complete notes on their generic and special characters.

VAN PELT LECHNER, A. A.

1911-14. Oologia Neerlandica, eggs of birds breeding in the Netherlands. With 191 plates containing 667 objects of which 617 printed in colours and 50 in collotype, taken from specimens in the author's collection. 2 vols. 4to. Vol. I, pp. (6)+(228). 99 pl. (86 col.). T. of c. Vol. II, pp. (6)+(176). 92 pl. (89 col.). T. of c. 4 indexes. The Hague.

A beautiful and unusually well-designed work on the eggs of the birds of Holland. The plates consist of separate figures of single eggs mounted in panels with suitable tinted backgrounds, to show their markings and colors. The treatise was issued in seven parts, whose covers are bound in the present copy. The edition is of 250 copies, 100 in English, including the set in hand.

VARGASIA. (Sociedad de Ciencias, Físicas y Naturales de Carácas.) 1868-9.

VARIÉTÉS SCIENTIFIQUES. See SOCIÉTÉ DES SCIENCES NATURELLES DU MAROC.

VAUX, CHARLES MAURICE, Baron DE.

1898. Les grands fusils de France; histoire—portraits—châteaux—chasses au marais—plaine—bois—cuisine de chasseur—élevage—mœurs—coutumes—du gibier à plumes, etc. folio. pp. 20+182. 50 col. pl. 265 figs. T. of c. Paris.

This sumptuous volume which, *inter alia*, furnishes directions how properly to cook game, is a product of scions of the French aristocracy. It may be regarded as the *legitimate* (the preface is written by an Orléan's prince) successor of those earlier tomes on certain forms of animal slaughter that for several centuries were among the perquisites and protected privileges of 'our betters' the world over. The present copy is No. 129 of an edition limited to 500 copies.

'VEGA', VOYAGES OF THE. 1881. See NOR-
DENSKIÖLD, NILS ADOLPH ERIK VON.

VELEZ DE ARCINEGA, FRANCISCO.

1597. Libro de los quadrupedes, etc. 1st ed. 8vo. Madrid.

This curious little work treats of certain animals and reptiles and their uses in medicine. The author was an apothecary of Madrid who wrote also an equally scarce Latin pharmacopeia. The work is very rare; there is no copy mentioned in Osler's *Bibliotheca* nor by the *Cat. Br. Mus. (Nat. Hist.)*.

VENABLES, EDMUND [1819-95].

1860. The Isle of Wight. 8vo. pp. 16+526.

London.

The vertebrata in this local guide are described by Alexander Goodman More. 225 species of birds are listed.

VENEZUELA. Universidad Central. See CARACAS.

VENNOR, HENRY GEORGE [1840-84].

1876. Our birds of prey; or, The eagles, hawks and owls of Canada. 4to. pp. 8+154. 30 pl. T. of c. Montreal.

Short descriptions of the 25 or 26 species of these birds inhabiting Canada to date. Following these descriptions are more detailed accounts of their habits, nesting, etc.; illustrated by photographs of mounted specimens taken by Wm. Notman of Montreal.

'VENUS', VOYAGE OF THE. 1846-55. See DU PETIT-THOUARS, ABEL AUBERT.

**VEREIN DER FREUNDE DER NATUR-
GESCHICHTE IN MECKLENBURG.**

1847-date. Archiv. See also NATURFORSCHENDE GESELLSCHAFT ZU ROSTOCK.

**VEREIN DER FREUNDE DES NATUR-
HISTORISCHEN MUSEUMS, WIEN.**

1924-date. Veröffentlichungen.

**VEREIN FÜR GESCHICHTE UND NATUR-
GESCHICHTE DER SAAR UND DER
ANGRENZENDEN LANDESTEILE IN
DONAUESCHINGEN.** Karlsruhe, Tübingen.

1870-date. Schriften.

**VEREIN FÜR GESCHICHTE UND NA-
TURWISSENSCHAFT VON SANGER-
HAUSEN UND UMGEGEND.**

1896-1910. Mitteilungen.

**VEREIN LUXEMBURGER NATUR-
FREUNDE, VORM. FAUNA.**

1891-1906. Mitteilungen.

VEREIN DER NATURFREUNDE, GREIZ.

1898-1911? Abhandlungen und Berichte.

← Vasey, G. 1851. Oxtrike, or Natural History of Bulls, Bison and Buffaloes, exhibiting
all the known species and the more remarkable varieties of the genus Bos.

72 eng.

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→ Vaigny, Henry de. ?. Curiosités de l'histoire naturelle.
Colin et Pic. Paris.

→ Verhoeff, 1911-14. Die Diplopoden Deutschlands. Leipzig.

- VEREIN DER NATURFREUNDE, REICHENBERG.**
1877?-date. Mitteilungen.
- VEREIN FÜR NATURHEILKUNDE, BERLIN.** See DEUTSCHER VEREIN FÜR VOLKS-
VERSTÄNDLICHE GESUNDHEITSPFLEGE UND FÜR
NATURHEILKUNDE.
- VEREIN FÜR NATURKUNDE ZU CASSEL.**
See VEREIN FÜR NATURKUNDE, KASSEL.
- VEREIN FÜR NATURKUNDE, FULDA.**
1865/9-1909? Bericht.
- VEREIN FÜR NATURKUNDE IM HERZOGTHUM NASSAU.** See NASSAUISCHER VE-
REIN FÜR NATURKUNDE, WIESBADEN.
- VEREIN FÜR NATURKUNDE, KASSEL.**
1837-date. Abhandlungen und Bericht.
- VEREIN FÜR NATURKUNDE, MANNHEIM.**
1834-1908? Jahresbericht.
1885. As Mannheimer Verein für Naturkunde.
- VEREIN FÜR NATURKUNDE IN ÖSTERREICH OB DER ENNS, LINZ.**
1870-date. Jahresbericht.
- VEREIN FÜR NATURKUNDE AN DER UNTERWESER, GEESTEMÜNDE.**
1898-1906? Jahresbericht.
1902-date. Separate Schriften.
— Jahrbuch. See AUS DER HEIMAT; FÜR DIE
HEIMAT.
- VEREIN FÜR NATURKUNDE, VEGESACK.**
1901-16? Mittheilungen.
- VEREIN FÜR NATURKUNDE ZU ZWICKAU.**
1871-date. Jahresbericht.
- VEREIN FÜR NATURWISSENSCHAFT ZU BRAUNSCHWEIG.**
1879/80-date. Jahresbericht.
- VEREIN FÜR NATURWISSENSCHAFTLICHE ERFORSCHUNG DES NIEDER-
RHEINS, CREFELD.**
1913-16? Abhandlungen.
- VEREIN FÜR NATURWISSENSCHAFTLICHE UNTERHALTUNG, HAMBURG.**
1871/4-date. Verhandlungen.
- VEREIN FÜR VATERLÄNDISCHE NATURKUNDE IN WÜRTTEMBERG.**
1845-date. Jahreshefte. *Stuttgart.*
1845-78. As Württembergische Naturwissen-
schaftliche Jahreshefte.
- VEREIN ZUR VERBREITUNG VON NATURKENNTNIS UND HOHERER WAHRHEIT.** 1822-4. *Halle.*
- VEREIN ZUR VERBREITUNG NATURWISSENSCHAFTLICHEN KENNTNISSE IN WIEN.**
1860-date. Schriften.
- VERHANDLUNGEN D. ACADEMIA CAES. LEOPOLD-CAROL. GERMAN. NATURAE CURIOS.** See ACADEMIA CAES., etc.
- VERHANDLUNGEN DER BASEL. NATURFORSCH. GESELLSCH.** 1834-date.
- VERHANDLUNGEN D. DARMSTADT, NATURHISTORISCHER VEREIN FÜR ... HESSEN U. UMGEBUNG.** 1847-8. See DARMSTADT.
- VERHANDLUNGEN D. GESELLSCHAFT DEUTSCHER NATURFORSCHER UND ÄRZTE.** 1822-date. See GESELLSCHAFT DEUTSCHER, etc.
- VERHANDLUNGEN D. GESELLSCHAFT NATURFORSCHENDER FREUNDE, BERLIN.** 1819-29. (All pub.) See GESELLSCHAFT . . . FREUNDE.
- VERHANDLUNGEN DES V. INTERNATIONALEN ORNITHOLOGEN-KONGRESSES.** 1910. See ORNIS. *Berlin.*
This report was issued, however, as a separate publication and not as a volume of the official organ of the Congress, *Ornis*, that suspended in 1905.
- VERHANDLUNGEN DES VI. INTERNATIONAL-KONGRESSES IN KOPENHAGEN, 1926.**
1929. pp. 6+641. 20 pl. *Berlin.*
As a rule, the transactions of this Congress are published in *Ornis*, but after its suspension in 1905 they appear as independent volumes.
- VERHANDLUNGEN DES NATURFORSCHENDER VEREIN IN BRÜNN.** 1863-date. See BRÜNN.
- VERHANDLUNGEN D. NATURHISTORISCH. VEREIN F. ANHALT.** See ANHALT, 1840-73.
- VERHANDLUNGEN D. NATURHIST. VEREIN D. PREUSS. RHEINL. U. WESTFALENS, etc. . . . BONN.** 1844-date. See BONN.
- VERHANDLUNGEN DER ORNITHOLOGISCHEN GESELLSCHAFT IN BAYERN.**
See JAHRESBERICHT DES ORNITHOL. VEREINS IN MÜNCHEN.
- VERLUYS, J.**
1912. Amphibia. (Wanting.)
An important excerpt from the *Handwörterb. d. Naturwiss.* Vol. I the contribution of an eminent authority on reptilia and amphibia.
- VERMONT BIRD CLUB.** *Burlington.*
1906-14. Bulletin. See BULLETIN OF THE VERMONT BIRD CLUB.
- VERMONT BIRD CLUB BULLETIN.** See BULLETIN OF THE VERMONT BIRD CLUB.

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VERMONT BIRD JOURNAL. Tidings from Nature.1884-6. 2 vols. (all pub.?). *Rulland, Vt.*

VERNER, WILLIAM WILLOUGHBY COLE [1852-]
 1909. My life among the wild birds in Spain.
8vo. pp. 16+468. 125 pl. 60 figs. 1 map. index.
London.

An interesting, semi-popular work in which most of the Spanish species are well described and pictured. The copy in hand is a presentation from the author and is elaborately bound by Zaehnsdorf in levant morocco, with the gilt design of a wild bird on the cover.

VERNON, HORACE MIDDLETON [1870-]
 1903. Variation in animals and plants. *8vo. pp. 10+415. illust.*
New York.

An identical British edition of the same date was published in London.

VERREAUX, JEAN BAPTISTE ÉDOUARD [1810-69]. 1865. See **MULSANT, MARTIAL ÉTIENNE**, 1874-7.

VERREAUX, JULES [1807-73] and **DES MURS, M. A. P. Œ.**

[1860]. Description d'Oiseaux nouveaux de la Nouvelle-Calédonie. *8vo. pp. 27. 1 col. pl. Paris.*

1865. See **MULSANT, MARTIAL ÉTIENNE**.

**** and **MULSANT, M. É.**

[1866]. Essai d'une classification méthodique des trochilidés ou oiseaux-mouches. *8vo. pp. 98.*
Paris.

VERRILL, ADDISON EMORY [1839-1911].
 1862. Notes on the natural history of Anticosti.
8vo. pp. 20.
Boston.

Author's reprint from the *Proc. Boston Soc. of Nat. Hist.*, 1862.

1862. See **BOARDMAN, GEORGE A.**

1885. Results of the explorations made by the steamer 'Albatross' off the northern coast of the United States in 1883.
Washington.

1902. The Bermuda Islands. An account of their . . . natural history and the changes in their flora and fauna due to man. *8vo. pp. x+548. 40 pl. 252 figs. bibliogr. index.*
New Haven, Conn.

The volume is an amended reprint from the *Trans. of the Connecticut Acad. of Science*, vol. xi.

n.d. Catalogue of the birds found at Norway, Oxford Co., Maine. *8vo. pp. 25.*

Author's reprint from the *Proc. Essex Institute*, vol. iii.

VERRILL, ALPHEUS HYATT [1871-].

1916. Pets for Pleasure and Profit. *New York.*

1929. Thirty years in the Jungle. *New York.*

VERSUCHE UND ABHANDLUNGEN D. NATURFORSCHENDE GESELLSCHAFT.
 1746-56. See **DANTZIG**.

VERWEY, JAN. 1925. See **OORDT, G. J. VAN.**

VIĚSTNIK ESTESTVOZNANIĀ.

St. Petersburg.

1890-3. Title also in French: *Revue des Sciences Naturelles.*

(K.) VETENSKAPS SOCIETETEN I UPSALA.

1740-50. Acta. Continued as *Nova Acta. Series 1.*

1860-1. Arsskrift.

1773-1850. *Nova Acta. (R.) Societas Scientiarum Upsaliensis.*

1855-1904. *Nova Acta. Series 3.*

1905-date. *Nova Acta. Series 4.*

VETH, PIETER JAN [1814-95] and others.

1881-92. Midden-Sumatra. Reizen en onderzoekingen der Sumatra-Expeditie, etc. [9 vols. and Atlas.] Deel IV. 1. Fauna. Zoogdieren en Vogels. Kruipende Dieren en Visschen. *4to. 38 col. pl.*
Leiden.

The above are the separately bound parts relating to the vertebrate zoology of this noted expedition. J. F. Snelleman wrote a preface and supplied the text for the reports on mammals and birds; A. A. W. Hubrecht supplied the letterpress for the reptiles and fishes.

VICTORIA HISTORY OF THE COUNTIES OF ENGLAND; the Bird Portions from 21 Counties.

1902-20. 2 vols. folio. *London.*

The above are the Proof sheets which were sent to Howard Saunders for supervision, his system in his *List of British Birds* having been followed in the bird portions of the above series. Inserted are two letters addressed to him from the publishers concerning the arrangement of the History, as far as the Natural History portion is concerned.

The Bird portions are from the following Counties: Beds., Berks., Bucks., Cornwall, Cumberland, Derbyshire, Devonshire, Durham, Essex, Hants, Herts., Lancs., Norfolk, Northants, Notts., Somerset, Surrey, Sussex, Warwickshire, Worcestershire, and Yorkshire.

Among the chief contributors are J. A. Bucknill, E. Hartert, the Rev. F. C. R. Jourdain, J. G. Millais, Canon Tristram, and J. Whitaker.

The first section was published in 1902. After that date the History was issued in parts and divided into various sections—geography, paleontology, geology, zoology, etc. *4to. Lond.* There were, during this period, several editors and numerous contributors; but the entire work was never completed. The separate titles are given in this *Catalogue*, each under the name of the author. The copy in hand is from the Mullens Library, with two letters on local natural history inlaid.

VICTORIA. [Australia.] Natural History.

1878-90. Prodomus of the Zoology of Victoria, etc. Decades I-XX. *4to. col. illust. Melbourne.*

A valuable serial, figuring and describing all the indigenous animals of Victoria.

VICTORIAN NATURALIST. (Field Naturalists' Club of Victoria.) 1884-date.

Melbourne.

VIDENSKABS-SELSKABET. OSLO.

1858-1924. Forhandlingler.

1894-date. Skrifter - Math. - Naturvidenskabelig Klasse.

VIEILLOT, LOUIS JEAN PIERRE [1748-1831].

1802. Oiseaux dorés, ou à reflets métalliques. 2 tom. See **AUDEBERT, J. B.**

1805-?. Histoire naturelle des plus beaux oiseaux chanteurs de la zone torride. folio. pp. 4+114. 72 pl. index.
Paris.

Descriptions, with 72 fine colored plates by Prêtre, of a number of tropical weaver-birds, finches, and tanagers. According to Engelmann the work appeared in 12 *livraisons* between 1805 onward and another doubtful date.

1807. Hist. Naturelle des Oiseaux de l'Amérique septentrionale, etc. 2 vols. folio. 131 col. pl.
Paris.

A remarkably good example of an early contribution to the literature of South American ornithology. The copy in the E.S.W. Library has all the colored plates in a fine state of preservation.

7 1494. Vicentius Bellavacensis. Speculum doctrinale. fol. ~~Strasbourg~~ ^{Venice}.
2nd ed. First ed. Strasbourg, 1475.
~~Very~~ Rare encyclopaedia. with much zoology. [O.]

← Vidal, 1851-57. Catal. de las Aves de la Albufera.

→ Vignoli, T. Della legge fondamentale dell' intelligenza
nel regno animale. Fratelli Dumolard. Milan.

→ 1867. Les noms des oiseaux expliqués par leurs moeurs. 3^e ed. 544 p.,
figs. Augus.

1910. H. Vincent. Sea Fish of Trinidad. ill. Galloway & Porter 31-

1816. Analyse d'une nouvelle Ornithologie élémentaire. *8vo.* pp. 70. Paris.

This very scarce and fundamental work of reference was reprinted (notes by H. Saunders) by the Willughby Society, 1888. The library copy has a most interesting provenance, having been purchased by Dr. Charles W. Richmond at the sale of the A. Milne Edwards Library. It bears the latter's autograph together with MS. addenda by that author himself. There are 120 new genera proposed in this work and some 18 new species—hence its importance to the systematist.

1817. C. J. Temminck, observations sur la classification méthodique des Oiseaux, et remarques sur l'analyse d'une nouvelle ornithologie élémentaire. *8vo.* pp. 2+60. Amsterdam.

A critique of the views of C. J. Temminck by Vieillot.

**** and OUTART, P. L.

1820-6. La Galerie des Oiseaux du cabinet d'histoire naturelle du jardin du roi. 2 vols. *4to.* Paris.

This fine ornithologic atlas was published (irregularly) in 82 *livraisons*. The present copy has only 118 plates of which 99 are colored; there are at least 300 colored and 33 black-and-white plates in the complete set, which is now excessively rare.

**** and others.

1820-30. Faune Française, etc. 8 vols. and 4 vols. atlases. *8vo.* and *4to.* (Wanting.) Paris.

This encyclopedic, systematic treatise was published without title-pages. Moreover, only the text for the birds (written by the author himself) is complete. The collaborators were, for mammals and reptiles, A. G. Desmarest, and for fishes, H. M. D. Blainville. Eighty pages and four colored plates are devoted to mammals; 443 pages and 88 colored plates to birds; 18 colored plates to reptiles; and 96 pages and 22 colored plates to fishes. The *livraisons* were irregularly issued, their dates of publication having been fixed by Sherborn and Woodward (*Ann. and Mag. Nat. Hist.*, 1901, p. 493).

**** and AUDEBERT, J. B.

1830-40. Storia naturale generale, etc. See AUDEBERT, J. B. and VIEILLOT, L. J. P.

1883. Vieillot's Analyse d'une nouvelle Ornithologie élémentaire (1816). Edited by H. Saunders. *8vo.* pp. iv+70. See WILLUGHBY SOCIETY. London.

VIENNA. See also WIEN.

VIENNA. K. Akad. der Wissenschaften.

1886. Die Internationale Polarforschung, 1882-3, etc. 3 vols. *4to.* Wien.

The *Beobachtungs-Ergebnisse* include an account of the Austrian Polar Station Jan Mayen (an island between Spitsbergen and Iceland) in whose neighborhood most of the zoological collections and observations were made. The third volume (pp. 132, 9 pl.) contains an account of the ichthyology by F. Steindachner; ornithology and mammalogy by F. Fischer and A. von Pelzeln. A number of the *Theile* were also issued as author's separates.

VIENNA. Naturhistorisches Hof (Staats) Museum.

1886-date. Annalen. Nos. 1-32 as Naturhistorisches Hofmuseum.

1917-date. Denkschriften.

1924-date. Veröffentlichungen.

1921-date. Geologisch-Paläontologische Reihe.

VIENNA. K. K. Oesterreichisches Handels-Museum.

1895. Japanische Vogelstudien. *folio.* 12 pl. (col.). Wien.

Studies (7 in. x 9 in.) in color of various Japanese birds, mounted on cards, and contained in a large portfolio.

VIENNA. Ornithologischer Verein.

1877-97. Mittheilungen. (Beiblatt, 1884-5.) Vols. I-XXI. Wien.

From vol. XIII continued as Die Schwalbe; then continued as Neue Folge. Die Schwalbe; Berichte des Comités für Ornithologische Beobachtungs-Stationen in Oesterreich, 1898-1913.

See DIE SCHWALBE.

VIENNA UNIVERSITÄT. Naturwissenschaftlicher Verein.

1903-14. Mitteilungen.

VIENNA. Verein der Freunde des Naturhistorischen Museums.

1924-8. Veröffentlichungen. Hft. 1-17 in 1. *8vo.* illust. Wien.

VIENNA. Verein zur Verbreitung naturwissenschaftlicher Kenntnisse.

1863-1901. Schriften. Vols. 1-14. Wien.

VIENNA. K. K. Zoologisch-Botanische Gesellschaft.

1901-24. Abhandlungen. Wien.

VIERTELJAHRESSCHRIFT DER NATURFORSCHENDEN GESELLSCHAFT ZU ZÜRICH.

1856-1927. Jahrg. 1-71.

VIGORS, NICHOLAS AYLWARD [1785-1840] and HORSFIELD, T.

1827. A description of the Australian Birds . . . of the Linnean Society, etc. *4to.* London.

Author's reprint from the *Trans. Linn. Soc.*, vol. xv.

1832. (A) century of birds. See GOULD, J.

1839. Ornithology of the 'Blossom'. See BEECHEY, F. W.

VINCELOT, M.

1865. Essais etymol. sur l'ornithologie de Maine-et-Loire. ? Paris.

VINCENT, J.

1898. Nos oiseaux. *8vo.* pp. 17+215. 37 figs. 3 append. *index.* Bruxelles.

A treatise in which the musical notation of bird song is given.

VINCENT OF BEAUVAIS [1190?-1264].

[Not after 1478]. Speculum naturale. Press of Adolf Rusch. 2 vols. *folio.* [O.] Strasburg.

This work forms part of an immense, cyclopedic compilation popular in the Middle Ages that the author called *Speculum majus*, aut *Imago mundi*. The treatise was divided into *Speculum naturale*, *doctrinale et historiale*; a fourth, *morale*, being added by a later writer. It is a rare and interesting incunabula. The *Cat. Br. Mus.* (*Nat. Hist.*) gives the date of its single-volume edition as ? 1473.

VINCI, LEONARDO DA [1452-1519].

1909. Il Codice di L. da Vinci della biblioteca di Lord Leicester, etc. *folio.* pp. 33+242. 73 pl. (Wanting.) Milano.

This excellent printing of a remarkable, English-owned MS. by a famous sculptor was done at the expense of the *Istituto Lombardo di Scienze e Lettere*. It is of interest to students of comparative anatomy.

VIRGIN, CHRISTIAN ADOLF [1797-1870]. 1857-1910. See SWEDEN.

VISSCHER, NIKOLAAS.

1659. *Avium vivae et artificiosissimae Delineationes Amstelodami impressae apud Nicholaum Visscher [Jr.], Anno 1659. 8vo. 24 pl. Amstelodami.*

A curious and very rare atlas of birds of the world by a well-known Dutch etcher. There are over 100 easily identifiable figures of birds on 24 copper plates, with either the generic or specific names (or both) of each engraved on the surface of the plate. The engraved frontispiece depicts the sale of birds—alive and dead—in the market-place.

VLAAMSCH NATUUR- EN GENEESKUNDIG CONGRES.

Antwerp, Ghent, Deventer. 1897-1913? Handelingen.

VOCABULARIUS RERUM.

1478. [? Wenceslaus Brack.] *folio. 126 ff. Johann Keller. Hain 3699. Pellechet 2806. Osler 142. Augsburg.*

The first dated edition of a Latin-German Dictionary, often misascribed to Wenceslaus Brack. An important section gives the Latin and German names for the known animals and briefly describes them. Apparently this extremely rare incunable is the first production of the Augsburg printer, Johann Keller, whose registered output is only four books.

VOEGLER, ROBERT.

1895. *Der Präparator und Konservator. 8vo. pp. 148. 36 figs. Magdeburg.*

The second edition of a popular work on taxidermy, including the preparation of bird skins and group-making for museums.

VOELTZKOW, ALFRED [1860-].

1906. *Reise in Ostafrika . . . in 1903-5, etc. Wissenschaftliche Ergebnisse. 5 vols. 4to. illust. (Wanting.) Stuttgart.*

A valuable, systematic study of African zoology, in which the collection of avifauna from East Africa and the neighboring islands (Madagascar in particular) are described by A. Reichenow, the reptiles and amphibia by F. Siebenrock and O. Boettger.

VÖGEL FERNER LÄNDER. (Periodical.)

1927. Jahrg. I. *Hannover.*

VOGELFREUND, DER. Monatsschrift zum Schutze und zur Erforschung der heimischen Vogelwelt.

1908. *4to. 12 nos. Münster.*

VOGELLIEBHABER.

1890-8. (All pub.?) *Der Blätter für Vogelkunde, -Zucht und -Pflege, insbesondere der Stubenvögel. 8vo. Bimonthly. Edited by C. Wahl. Leipzig.*

(DIE) VOGELWELT.

1879-98. (All pub.?) *Zeitschrift über Vogelschutz, Züchtung von ausländischen Sing- und Schmuckvögeln, insbesondere von Harzer Canarien und über Geflügelzucht; Organ des Landesverbandes der Vereine der Vogelfreunde in Württemberg. 4to. illust. Heilbronn.*

VOGT, CARL CHRISTOPH [1817-95].

1842. *Embryologie des Salmones. 4to and folio. pp. 196. 18 pl. Neuchâtel.*

One of the early systematic studies of this noted naturalist, carried on in collaboration with J. L. R. Agassiz.

1851. *Zoologische Briefe. Naturgeschichte der lebenden und untergegangenen Thiere. 2 vols. 8vo. 1,492 figs. in text. Frankfurt am Main.*

1851. *Untersuchungen über Thierstaaten. 8vo. pp. 16+248. 2 pl. Frankfurt am Main.*

1852. *Bilder aus dem Thierleben. 8vo. pp. 6+452. figs. in text. Frankfurt am Main.*

1864. *Lectures on man: his place in creation, and in the history of the earth. 8vo. pp. 22+475. illust. London.*

English translation (with notes) by James Hunt of the author's *Vorlesungen ueber den Menschen*, Giessen, 1863.

****** and SPECHT, F.**

1883. *Die Säugethiere im Wort und Bild. illust. Munich.*

The plates and text of this excellent work have been widely copied in other popular editions, translations, and compilations.

1884. *Les Mammifères. 4to. illust. Paris.*

A French edition of the two authors' *Säugethiere im Wort und Bild*, 1883.

1887. *Natural history of Animals, etc. 2 vols. 4to. London.*

Issued in six parts. An English edition of Vogt and Specht's *Die Säugethiere* translated by Chisholm. The Blacker Library has also a Subscriber's edition, 1889, London.

****** and YUNG, É.**

1888-94. *Traité d'Anatomie comparée pratique. 2 vols. 8vo. Paris.*

****** and HOFER, BR.**

1909. *Die Süßwasserfische von Mitteleuropa. 4to. 31 col. pl. atlas. Leipzig.*

This treatise, with the accompanying atlas, is by some regarded as the best German work on the subject.

VOICE OF HUMANITY. (Association for Promoting Rational Humanity towards the Animal Creation.) 1833?

London.

VOIGT, ALWIN [1852-].

1894. *Excursionsbuch zum studium der vogelstimmen. Praktische anleitung zum bestimmen der vögel nach ihrem gesange. 12mo. pp. 8+213. illust. index. Berlin.*

The third edition of a well-known, popular work on bird notes and song.

1908. *Deutsches Vogelleben. 12mo. pp. 4+156. index. Leipzig.*

The object of this book is to furnish a guide to the birds of Germany, their nesting habits and voice-production, arranged according to their different habitats and landscapes.

1913. *Excursionsbuch zum studium der vogelstimmen. Praktische anleitung zum bestimmen der vögel nach ihrem gesange. 12mo. pp. 8+327. figs. in text. index. Leipzig.*

The sixth edition of a popular book on bird-song.

1921. *Wasservogelleben, ein Führer zum Strande. 12mo. pp. 109. 29 text-figs. T. of c. Leipzig.*

1922. *Unsere Singvögel. 2nd ed. 8vo. pp. (8)+186. 2 col. pl. 10 figs. index. Leipzig.*

VOIGT, FRIEDRICH SIEGMUND [1781-1850].

1831-43. *Das Thierreich, etc. 6 vols. 8vo.*

This is one of the numerous translations of Cuvier's *Règne Animal*, with notes and emendations by the author.

VOITELLIER, CHARLES.

1925. *Aviculture. Les races de volailles; poules, pintades, dindons, canards, oies, pigeons. 12mo. pp. 287. 176 pl. and text-figs. Paris.*

Visegers, Mrs. Owen. See Owen, p. 509.

→ (Kopt, Carl). 1875. Leçons physiologiques. Remond & Cie.
Paris.

→ Vogel, Wv. 1 Band. Bound by Franz Goebbel.
~~Pub. by Schneider Bantzen~~, Berlin. ~~by~~ R.M. 72.

→ Vögele, H. H. Die Falnerei, 1931. pp. 106. 26 pl. 800d

← (Der) Vögelzug. to date.

→ Vologdin, A. G. 1931-32. The Archaeocyathinae of Siberia. In 2
pls. with text figs. & plates. Pp. 15-50.

VOLGER, EDUARD.

1877. *Der Vogelfreund als Vogelkenner*. 8vo. pp. 8+307. T. of c. *Hannover*.

A well-written treatise on the care and culture of various species of caged birds. From the Cabanis-Reichenow collection.

VOLZ, WILHELM THEODOR AUGUST HERMANN [1870-]

1906. *Zoologische Ergebnisse einer Reise in Ostasien und auf den Sandwich Inseln*. *illustr.* *Jena*.

VORDERMAN, A. G.

1882-5. *Bataviasche Vogels*. 6 pts. and 1 pt. *index*. Pt. I, 1882. Pt. II, 1882. Pt. III, 1882. Pt. IV, 1883. Pt. V, 1883. Pt. VI, 1884. Pt. [VI], *Index*, 1885.

A separately entitled and repaged reprint, constituting an important, systematic review of the birds of the Dutch East Indies. The monograph was printed (and finally issued) with a separate index to all the numbers. The copy in hand is in the original wrappers from the P. L. Scater collection, and has laid in a letter from the author.

VOS, GEORGE H.

n.d. *Birds and their nests and eggs, found in and near great towns*. Series I-III. 8vo. Series I, pp. ix+148. 58 pl. T. of c. Series II, pp. vii+223. 61 pl. T. of c. Series III, pp. vii+240. 35 pl. T. of c. *index to three series*. *London*.

A popular and excellently illustrated treatise on urban and suburban British birds, including a description of their nests and eggs.

VOSMAER, ARNOUT [1720-99].

1766-1804. *Natuurkundige beschryving [Regnum animale], etc.* 4to. *Amsterdam*.

A collection of 33 separates, papers all in Dutch and most of them on the zoology of the Far East, although quite a few treat of American fauna. A French edition (of which there are several variants) was issued in 1804. Practically all of these volumes or parts have been separately issued. The Blacker Library has a number of them, and the Compiler refers students to that collection for any of the Author's monographs. Professor Arthur Willey remarks of the collection that it contains many type illustrations, colored. The first is the African Wart Hog called the *Africaansch Bredsmuitig Varken*. This original drawing is not noticed in the *British Museum Catalogue of Pachydermatous Mammalia* (1869, see p. 353). There is also a noteworthy description of the Orang-outang from Borneo, with two plates, dating from 1778.

VOUGT, E. B.

1655. *De Spiritu animali*. *Upsala*.

An early and rare essay on animal psychology.

VOYAGES, FRENCH. See also FRANCE, and under names of vessels.

1824-42. *Voyage autour du monde . . . executé sur . . . l'Uranie et la Physicienne, pendant . . . 1817-20*. Par M. L. de Freycinet. 7 vols. *text and 4 vols. atlas*.

One of the most important of the French governmental expeditions devoted to scientific inquiry. The zoology report is a classical document by Quoy and Gaimard descriptive of many species in their day new to science. It is furnished in a volume of 4+712 pages with an atlas of 96 plates, 1824-6.

1826-30. *Voyage autour du monde . . . sur . . . la Coquille pendant . . . 1822-25*. *text, 6 vols.; atlas, 5 vols. 4to and folio*. *Paris*.

The vertebrate zoology of this Voyage was written entirely by R. P. Lesson in 2 vols. text and an atlas of 157 col. pl. Many of the projected reports were never published.

1830-5. *Voyage . . . de l'Astrolabe . . . pendant 1826-29, etc.* 14 vols. *text and 7 vols. atlas. 8vo, 4to, and folio*. *Paris*.

One of the most famous of the great scientific expeditions, especially from the standpoint of vertebrate zoology. It is especially noted for the large number of new species recorded and fully described by J. R. C. Quoy and J. P. Gaimard, the first three volumes having

been written by these noted zoologists, also the chief zoologists of the Uranie et Physicienne Voyage (q.v.). The titles of the former contributions are: Tom. I. L'Homme—Mammifères—Oiseaux, pp. 50+268, 59 col. pl., 1830-3; Tom. II et III. Mollusques [et Poissons], 107 col. pl., 1832-5. The voyage was around the world and included New Zealand whose flora is also described and pictured.

1831-46. *Voyage aux Indes-Orientales par le nord de l'Europe . . . pendant 1825-29, publié par M. C. Bélanger*. 4 vols. *text and 2 vols. atlas. 8vo and folio*. (Wanting.) *Paris*.

The zoology of this scientifically important expedition (in a volume of pp. 39+535 and atlas of 40 col. pl.) was edited by M. F. Cuvier. The mammals of the regions visited were treated systematically by M. I. Geoffroy Saint-Hilaire; birds and reptiles by R. P. Lesson; and the fishes by A. Valenciennes.

1833-9. *Voyage autour du monde par les mers de l'Inde et de Chine . . . sur la Favorite pendant 1830-32, etc.* 5 vols. *text and 2 vols. atlas. 8vo and folio*. *Paris*.

Of this important scientific expedition J. F. T. Eydoux wrote one part of vol. I on 'Zoologie' and (with J. F. J. Laurent) another on marsupial mammalia. This was followed by supplementary reports by J. F. T. Eydoux and F. L. P. Gervais on the zoology of the voyage, pp. 200 and 60 col. pl., the parts on mammals and birds appearing in 1836, on reptiles and fishes in 1837.

1835-44. *Voyage dans l'Inde, par V. Jacquemont, pendant les années 1828 à 1832*. 4 vols. *text and 2 vols. atlas*.

The mammalia and aves collected during this expedition were described by I. Geoffroy Saint-Hilaire in vol. IV and depicted in vol. II of the Atlas.

1835-47. *Voyage dans l'Amérique méridionale (le Brésil, la République Argentine . . . Chili, Peru, etc.) pendant 1826-33 par A. d'Orbigny*. 7 vols. *text and 2 vols. atlas. 4to. maps. Paris*.

The zoological sections of this important work are of the greatest value to research students interested in the fauna of South America. A. d'Orbigny and P. Gervais described the mammalia, with little text—pp. 32—but the Atlas depicts 22 col. pl.; d'Orbigny alone had charge of the birds, pp. 3+395, 67 col. pl.; reptiles by G. Bibron, pp. 12 and 9 col. pl.; while fishes were described by A. Valenciennes, illustrated by 16 col. pl. The subdivisions of this valuable report were irregularly issued.

1838-52. *Voyage en Islande et au Groenlande, executé pendant 1835-36 sur la Recherche . . . publié . . . sous la direction de M. P. Gaimard*. 7 vols. *text and 4 vols. atlas. 8vo and folio. Paris*.

This expedition, under the direction of the French government, as one of the activities of the *Commission Scientifique du Nord*, is of value mainly for the list of birds by R. Angles.

1840-64. *Voyage autour du monde sur . . . la Vénus, pendant 1836-1839*. 11 vols. *text and 4 vols. atlas. 8vo. and folio*. (Wanting.) *Paris*.

Another scientific expedition under the French government whose zoologic discoveries were fully reported by competent writers. The mammalia were systematically described by I. Geoffroy Saint-Hilaire; the birds by F. Prévost and O. des Murs; reptiles by Duméril; fishes by A. Valenciennes—all illustrated in an atlas of 79 col. pl.

1840-66. *Voyage autour du monde executé pendant 1836-37 sur la Bonite, commandé par M. [A. N.] Vaillant, etc.* 15 vols. *text and 3 vols. atlas. 8vo and folio*. *Paris*.

An important voyage for the student of vertebrate animals. Vaillant is supposed to have written most of the text with the aid, in the case of the mammals, of P. Gervais; birds, of de Blainville; reptiles, of Bibron; fishes, of Valenciennes. These parts appeared irregularly, the sections on mammals and birds appearing in 1841, the remainder in 1842.

1841-54. *Voyage au Pôle Sud et dans l'Océanie sur l'Astrolabe et la Zélée . . . pendant 1837-40, etc.* 23 vols. *and atlas, 7 vols. 8vo and folio. Paris*.

The history of this famous expedition was written by Dumont d'Urville in 10 vols. and 2 atlases; the anthropology by Dumontier, C. E. Blanchard, Hombron, and C. H. Jacquinot; mammals and birds by Jacquinot and J. Pucheran; reptiles and fishes by Jacquinot and H. Guichenot. In the atlases mammals were illustrated by 29 col. pl.; birds, 37 col. pl.; reptiles, 12 col. pl.; fishes, 5 col. pl.

[VOYAGES, FRENCH (contd.)]

1842-55. Voyages . . . en Scandinavie, en Laponie, etc., pendant 1838-40, sur . . . la Recherche, . . . publiés sous la direction de M. P. Gaimard, etc. 16 vols. text and 5 vols. atlas. 8vo and folio. (Wanting.) Paris.

The zoology of these expeditions (part of the activities of the French government's *Commission Scientifique du Nord*) was exploited in several volumes and an atlas of 86 col. pl.

1845-51. Voyage en Abyssinie . . . pendant 1839-43 par une commission scientifique composée de MM. T. Lefebvre, [et al]. 6 vols. and 3 vols. atlas. 8vo and folio. Paris.

The reports of this classic expedition include the natural history of Abyssinia by well-known zoologists, among them O. Des Murs and F. Prévost on the mammals and birds; reptiles and fishes by Guichenot. The zoological atlas contains 40 col. pl. Dates of issue of the parts in the zoological (IVth) volume, are given in the *Annals and Mag. of Nat. Hist.*, Ser. VII, vol. viii.

1847-50. Voyage en Abyssinie, dans les provinces du Tigré, du Samen et de l'Amhara, etc. (1839-43). 8vo and folio. Paris.

The reports of this French governmental expedition were issued irregularly in parts, the mammals being 'enumerated' by F. E. Guérin-Méneville, and the birds by the same writer in collaboration with De la Fresnaie.

1897-8. Mission . . . dans la Haute Asie. List of birds by É. Oustalet. Paris.

VRIEND DER NATUUR. 1893-5? Turnhout.

VROLIK, WILLEM [1801-63].

1841. Recherches d'anatomie comparée sur le chimpansé. folio. pp. 4+51. 7 pl. Amsterdam.

WAGLER, JOHANN GEORG [1800-32].

1824. Serpentum Brasiliensium species novae. Publiée par J. de Spix . . . écrite par J. Wagler. 4to. See also SPIX, J. B. VON.

The author, a brilliant naturalist who gave promise of a long life of usefulness, died at the early age of 32, leaving many a scientific project unfulfilled.

1827. Systema avium. Pars I. 8vo. pp. 411. addend. Stuttgartiae et Tubingae.

An unfinished classic describing many new genera and species of birds. The present copy is from Prof. Reichenow's library. This item is becoming very scarce.

1884. Wagler's Six Ornithological Memoirs from 'Isis', 1829-32. Edited by P. L. Selater. 8vo. pp. iv+(i)+137+(i).

The numeration of the columns of the original is also given. See also WILLUGHBY SOCIETY.

WAGNER, ANTONI.

1921-3. Prace Zoologiczne Polskiego Panstwowego Muzeum Przyrodniczego. (Annales Zoologici Musei Polonici Historiae Naturalis.) Zeszyt 1-4. Warszawa.

WAGNER, JOHANN ANDREAS [1797-1861]. 1840-44. See SCHREBER, J. C. D. VON.

WAGNER, MORITZ FRIEDRICH [1813-87].

1841. Reisen in der Regenschaf Algier in . . . 1836-8, etc. 3 vols. atlas. 8vo and 4to. (Wanting.) Leipzig.

During his travels in Algiers the author collected and subsequently described a number of mammals and birds, while H. Schlegel reported on the amphibia.

WAGNER FREE INSTITUTE OF SCIENCE OF PHILADELPHIA.

1887-date. Transactions.

WAIT, WALTER ERNEST.

1916-22. Notes on the birds of Ceylon. 5 pts. in 1. 8vo. Colombo, Ceylon.

A collection of papers (typed title-page) separately bound and utilized in preparing Wait's *Manual of the birds of Ceylon*. The volume in hand was presented to the E.S.W. Library by the author.

1925. Manual of the birds of Ceylon. [Supplement of the Ceylon Journal of Science.] Fly-leaf guards printed with explanations of plates. Map of Ceylon. Indexes of English and scientific names of species. 4to. pp. 4+496. 20 pl. glossary. Colombo.

The only systematic account of the birds of the Island since the publication of the comprehensive *History* by Legge. A full description is given of all the Sinhalese species (in trinomial nomenclature) with a brief statement of their habits, distribution, and nomenclature. The E.S.W. Library has an interleaved copy with copious notes made by Casey Wood and other Ceylon ornithologists during a two years' residence of the former on the Island.

1925. Manual of the birds of Ceylon. 2 vols. 4to. Vol. I, pp. (6)+264. front. 1 fig. index. Vol. II, pp. 265-496. 20 pl. glossary. 2 indexes.

Colombo, Ceylon.

A presentation, interleaved and autographed copy of the original edition given Dr. Casey Wood by the author. Attached to the interleaves are many newspaper clippings, as well as typewritten and MS. notes by Dr. Casey Wood. Pockets at the end of each volume also contain further notes. Scattered throughout both volumes are photographs and water-color drawings of birds by W. J. Belcher, as well as pressed leaves and other portions of a Tailor Bird's nest showing method of sewing together the component parts.

1925. Manual of the birds of Ceylon. Type-written manuscript. 4to. pp. 546. Colombo.

The MSS. of W. E. Wait's *Manual of the Birds of Ceylon*, 1925, enclosed in a box constructed of Sapu (*Michelia champaca*), one of the most serviceable timber-woods of the Island. Medallions on the box were cut by a native village artist, and the title printed on a native press. The two birds shown on the medallions are the Sacred Goose of Lanka, portrayed on Kandyan and other monuments for over twenty centuries.

1927-30. Coloured plates of [48 indigenous] birds of Ceylon by G. M. Henry; with a short description of each bird by W. E. Wait. 3 pts. folio. 48 col. pl. London.

In 1925 Wait's comprehensive *Manual of the Birds of Ceylon* was published by the Ceylon Government. Its purpose was to supplement Legge's classic work on the subject, now out of print. This object was achieved in most respects except that financial considerations made it impossible to illustrate Wait's book in color. Through the interest of Dr. Casey Wood the publication of the present work, the main purpose of which was to provide a series of faithfully executed colored plates of the indigenous birds of the island, became possible. The plates are not issued in systematic sequence, nor are they numbered; and no pagination has been provided with the letterpress, thus enabling the plates to be rebound in accordance with the arrangement adopted by Wait in his *Manual*, when the work is completed. The original paintings, by G. M. Henry, are now in the E.S.W. Library.

WAITE, EDGAR RAVENSWOOD [1866-].

1909. The Subantarctic Islands of New Zealand. 2 vols. 4to. See CHILTON, C. Canterbury, N.Z.

WALCOTT, CHARLES DOOLITTLE [1850-].

1890. Fauna of the lower Cambrian or Oleuellus zone. 4to. pp. 266. illust. Washington.

Author's reprint from the *Annual Report of the U.S. Geol. Survey*, vol. 10.

WALCOTT, JOHN [fl. 1778-1822].

1788-9. The Figures, Description, and History of Exotic Animals, comprised under the Classes Amphibia and Pisces of Linnaeus. 4to. 60 pl. with text beneath. London.

The present copy was presented by Walcott's son to a friend. It has two original drawings by the author himself of the Kite-fish and Six-lined Lizard inserted.

← 1931. Manual of the birds of Ceylon. 2^d ed. sm. 4^{to}. pp. 33 + 494, map. Colombo + London. [no illustrations of birds]

1789. Synopsis of British birds. 2 pts. (vols.) in 1. 4to. 315 ff. 255 copper pl. Continuous pagination in MS. and added MS. T. of c. London.
A full description, including diagnosis, habits, etc., with the portraits of 255 birds of Great Britain. The author tells us that 200 plates are copies of his own drawings, the remainder from the Parkinson and Latham Museums. To these are added a very few plates (indicated by an asterisk) from Brisson and others. The copy in hand possesses a well-made MS. table of contents by a former owner, who also writes the following note, quoted from Donovan: 'I am credibly informed that no more than 25 copies of this work were struck off. The plates were subsequently destroyed. The figures I know to be genuine and to be in general copied from the birds in the Leverian Museum. I offered 4 guas. for a copy to Thompson nearly 30 years ago, but I could not then procure it.'
1789. Synopsis of British birds. 2 vols. 8vo. Vol. I, pp. (298). 122 figs. Vol. II, pp. (332). 133 figs. London.
The present copy differs from others of the same date (q.v.) by the insertion of three small water-color drawings of birds by the author, one of which is signed. Otherwise the text and number of copper plates (255) is the same.
- WALDEN, Viscount ARTHUR** [1824-78].
1875. A List of Birds known to inhabit the Philippine Archipelago. 4to. 11 col. pl. map. London.
A classic catalogue with notes on 219 species. Author's reprint from the *Trans. Zool. Soc.*, London. See also TWEEDDALE, Marquess of.
- WALDRAPP, DER. Mitteilungen des Deutschoesterr. Ornithologischen Institutes und der Vogelschutz-Station Salzburg. 1919-21. Jahrg. I-III. 4to.**
Der Waldrapp (of which the Compiler has seen only the first three volumes) contains mostly reports of observations and scientific articles by the editor on local ornithology. Count von Tschusi zu Schmidhofen, E. Streseman, J. Roth, and others have also contributed papers.
- WALDUNGUS, WOLFFGANGUS** [1554-1621].
1619. Lagographia. Natura leporum, etc. 4to. pp. 82. *illust.* Ambergae.
- WALES. National Museum. Department of Zoology.**
1913-15. Report on Marine and Freshwater Investigations.
1922-date. Report on Marine and Freshwater Investigations. New series.
- WALKER, ERNEST PILLSBURY** [1891-] and **GRAVE, B. H.**
1913. (The) birds of Wyoming, &c. See GRAVE, B. H. and WALKER, E. P.
- WALKER, JAMES J. and JOURDAIN, F. C. R.**
1926. The natural history of the Oxford district. 12mo. pp. 8+336. 18 figs. T. of c. London.
Compiled for the use of members attending the meeting of the British Association at Oxford, 1926.
- WALKS AND TALKS WITH NATURE.** See RECORDS OF WALKS AND TALKS WITH NATURE.
- WALL, FRANK.**
1921. Ophidia taprobanchia or the Snakes of Ceylon. 8vo. pp. 22+581. *illust. map.* Colombo.
A very important and up-to-date account of these interesting reptiles.
- WALLACE, ALFRED RUSSEL** [1823-1913].
1853. A narrative of travels on the Amazon and Rio Negro, etc. 8vo. pp. 8+541. 8 pl. 2 maps. London.
One of the earliest scientific explorations of this noted naturalist. He describes many species of vertebrates.
1858. On the Tendency of Varieties to depart indefinitely from the Original type. [O.] London.
A brochure famous in the annals of evolutionary doctrine; it was presented jointly with Darwin's paper to the Linnaean Society of London.
1869. The Malay Archipelago: the land of the orang-utan, and the bird of paradise. A narrative of travel, with studies of man and nature. 2 vols. 8vo. Vol. I, pp. 23+478. 3 pl. 5 maps. 24 figs. T. of c. Vol. II, pp. 524. 5 pl. 5 maps. 20 figs. *append. index.* London.
A fascinating account of the author's travels during 1854-62. Of birds 8,050 specimens were collected, many of which are described. A second (American) edition was issued the same year; a third in 1872, with others in one volume in 1886, 1890 (10th ed.), and still another in 1902.
1870. Contributions to the Theory of Natural Selection. 8vo. [O.] London.
1871. Contributions to the Theory of Natural Selection. A series of essays. 2nd ed. 8vo. pp. 16+384. London.
In this brochure the author informs us, *inter alia*, wherein several of the original concepts of evolution have been modified.
1876. The geographical distribution of animals, with a study of the relations of living and extinct faunas as elucidating the past changes of the earth's surface. 2 vols. 8vo. Vol. I, pp. 21+503. 14 pl. 4 col. maps *index.* Vol. II, pp. 8+607. 7 pl. 2 maps (col.). T. of c. *index.* London.
To those more interested in facts than in theories, this book will serve as a kind of dictionary of the geography and affinities of animals. By means of the copious Index, the native country, the systematic position, and the numerical extent of every important and well established genus of land-animal may be at once discovered, —information (until the publication of the author's monograph) scattered through hundreds of other volumes.
1876. The geographical distribution of animals. 2 vols. 8vo. New York.
An American reprint of the London edition.
1876. Die geographische Verbreitung der Thiere. 2 vols. pp. 1,274. 7 maps. 20 pl. Dresden.
A German edition of the famous work on the geographical distribution of animal life, translated by A. B. Meyer.
1878. Tropical nature and other essays. 8vo. pp. 13+356. *index.* London.
A work detailing the characteristics of the tropical, as distinguished from the temperate zones, concerning which many erroneous ideas are still current.
1879. Islands, as illustrating the laws of the geographical distribution of animals. 8vo. pp. 18. Manchester.
Given as one of the *Science Lectures for the People*, Series XI, 1879-80.
1880. Island life; the phenomena and causes of insular faunas and floras. 8vo. pp. 17+526. 3 pl. 23 figs. *index.* London.
A popular and attractive supplement to the author's *Geographical Distribution of Animals*. A second edition was issued in 1892.
1881. Island life. 8vo. New York.
The first American edition of this fascinating work.
1886. The Malay Archipelago. 8vo. pp. 16+653. 7 pl. 10 maps. 44 figs. *append. index.* London.
A popular one-volume edition. The subsequent editions of this famous work do not greatly vary in contents from the copy in hand.
1889. Darwinism, an exposition of the theory of natural selection, with some of its applications. 2nd ed. 8vo. pp. 16+494. 1 pl. map. *text-figs.* [O.] London.

[WALLACE, A. R. (contd.)]

1891. Natural selection and tropical nature. New ed. *Svo.* pp. 504. London.

1892. Island life. *Svo.* pp. 20+563. 3 col. pl. 23 figs. *index.* London.

Second, revised edition.

1900. Studies scientific & social. 2 vols. *Svo.* Vol. I, pp. 16+532. 89 figs. *index.* Vol. II, pp. 8+535. 25 figs. *index.* London.

Reprints of important articles from reviews and other periodicals from 1865-99.

1902. The Malay Archipelago.

This printing is almost identical with the tenth edition of 1890, which has not been annotated although several copies are in the McGill libraries.

1903. Man's Place in the Universe. 1st ed. *Svo.* London.

1905. My life; a record of events and opinions . . . with facsimile letters, illustrations and portraits. 2 vols. *Svo.* Vol. I, pp. 12+435. 27 pl. 2 maps. Vol. II, pp. 8+459. 18 pl. 9 figs. *index.* London and New York.

1911. The world of life; a manifestation of creative power, directive mind and ultimate purpose. 3rd ed. *Svo.* pp. 16+408. *illustr.* London.

1916. Alfred Russel Wallace; letters and reminiscences, by James Marchant. 2 vols. *Svo.* Vol. I, pp. xi+319. 4 pl. Vol. II, pp. 8+291. 6 pl. *append. index.* London.

A selection of this famous naturalist's writings, 1853-1912. The historic correspondence between Darwin and Wallace on Natural Selection, etc., with new additions is here included for the first time as a whole.

→ WALLACE, HAROLD FRANK.

1913. The Big Game of Central and Western China. *Svo.* pp. 20+318. *maps and illustr. index.* London.

A scientific account of many Chinese mammals and their habitat.

→ WALLACE, ROBERT L.

[1893]. The canary book: containing full directions for the breeding, rearing, and management of canaries and canary mules. 3rd enlarged ed. 2 vols. *Svo.* Vol. I, pp. 6+208. 7 pl. 47 figs. Vol. II, pp. 209-429. 6 pl. *index.* London.

The first edition was published in 1879, and there have been several since that date. The treatise is generally regarded as the prime authority on its subject.

WALLENIUS, JOHAN FREDERIC [1765-1836].

1810-19. Fauna Fennica sive enumeratio Animalium, quae alit terra Finlandiae insulaeque ei adjacentes. 3 pls. *Svo.* pp. 72. *Aboae.*

This important inaugural thesis 'presided over' by Prof. Wallenius, on the fauna of Finland, is not often seen with its complete three parts, that are apparently now and then published separately. See *Cat. Br. Mus. Nat. History*, p. 2259, where only the first part, on mammals and birds, is listed.

WALLIS, SAMUEL [1728-95].

1773. An account of a Voyage round the World in 1766-78. 4 vols. *4to.* London.

WALPOLE-BOND, JOHN ARTHINGTON [1878-].

1904. Bird life in wild Wales. *12mo.* pp. 15+283. 60 pl. *T. of c.* London.

Vol. No. 6 of the *Brightwen Series.*

WALTER, ALICE HALL and WALTER, H. E.

1904. Wild birds in city parks. See WALTER, H. E. and WALTER, A. H.

WALTER, E. W.

1928. Biology of the Vertebrates. *New York.*

WALTER, F. K. 1928. See VAN HOESEN, H. B.

WALTER, HERBERT EUGENE [1867-] and WALTER, ALICE HALL.

1904. Wild birds in city parks; being hints on identifying 145 birds, prepared primarily for the spring migration in Lincoln Park, Chicago. *16mo.* pp. 66. 2 charts. *glossary. index.* Chicago.

A revised (third) edition; the first dated 1901. This edition adds details about 45 birds—the majority of which are shore and water birds—and a simple field key. The charts show the relative abundance of the birds and the height of the migration in Lincoln Park.

1910. Wild birds in city parks; being hints on identifying 200 birds, prepared primarily for the spring migration in Lincoln park, Chicago, but adapted to other localities. 4th ed., with chart and key. *Svo.* pp. 91. 1 chart. *index.*

St. Johnsbury, Vt.

1928. Biology of the Vertebrates; a comparative Study of Man and his Animal Allies. *Svo.*

New York.

WALTER, JOHANN ERNST CHRISTIAN [? 1800-61]

1828. Nordisk Ornithologie, eller troværdige efter Naturen egenhændig tegnede, stukne og colorerede Afbildninger af danske, faerøiske, grølandske og islandske Fugle med tydsk og dansk Beskrivelse. Text in Danish and German. *folio.* pp. 72. 60 col. pl. *Kjøbenhavn.*

A systematic description, with a full synonymy, of Norwegian birds, comprising 77 genera and 277 species. The colored illustrations are admirable. An early, important and rare contribution to Scandinavian ornithology. The present copy is from Paul Leverkühn's library and bears his autograph.

WALTER, LEOPOLD.

[1896]. Unsere einheimischen Finkenvögel, ihre Beschreibung, Wartung, Pflege und Zucht. *Svo.* pp. 93. 7 text-figs. *index.* Leipzig.

n.d. Unsere einheimischen kerbthierfressenden Stubenvögel. *Svo.* pp. 155. *illustr. index.* Leipzig.

One of many pamphlets on the care of domestic insectivorous birds.

→ WALTON, IZAAK [1593-1683].

[1653] 1876. The Compleat Angler, or the Contemplative Man's Recreation. pp. 10+16+246. *portr.* London.

This is one of several facsimile editions of the first printing (1653) of this famous book, which contains much that is valuable for the student of British ichthyology. The work vies with Gilbert White's *Natural History of Selborne* in popularity and in number of editions. Of Walton's volume literally hundreds of editions and reprints have appeared during the past 250 years. A few of these, among them the following, are shelved in the libraries of McGill.

1822. Walton and Cotton's Complete Angler, with notes by Sir John Hawkins. *Svo.* 15 pl. Original bds. and advert. *London.*

1824. Walton and Cotton's Complete Angler. John Major's ed. *Svo.* figs. in text. pl. *London.*

1825. The Complete Angler, two parts, the first by Izaak Walton, the second by Chas. Cotton. pp. 16+314+[6]. pl. Printed by Wm. Pickering. *London.*

Wallace, Dillon. Saddle and Camp in the Rockies.

Wallace, R. L. 188-. British cage birds. 504 p. 15 col. pls., illus.

Walters, J. G. 1853. Natural history of birds of Ireland. pp. 300, 800. Dublin.

^{1775.} Walton and Cotton. J. Hawkins. ill. Compleat Angler. [Frampton £2.2.0] } Oct 1/32
1784. W. and Cotton. J. Hawkins. ditto. [Frampton. £1.17.6]

1860. W. & Cotton's C. Angler. H. Nichols. 2 vols. ill. fine binding. (£2.10.) Frampton ^{Oct. 132}

1883. The Complete Angler. Walton & Cotton. Ed. by John Major. London. ^{duplicate portraits} fine copy.

1931. Walton, J. The Complete Angler. 12 col. pl. by A. Rackman. 4 to. vel. London
725 copies signed by artist. t.g. London. [order from Meggs ^{Aug. 1. 132} £3.3.]

Ward-Fowler (W) ^{1895.} Summer sketches of birds & books.

800. 1895. →→

1846. *The Complete Angler, with Lives and Notes* by Sir John Hawkins. Ed. by James Rennie. pp. 4+328. pl. and portr. Manchester.

→ 1856. *The Complete Angler*, ed. by Edward Jesse. Bohn's Library. pp. 19+[3]+496. pl. and portr. London.

Another of Bohn's editions (1870) identical with this printing is also in a McGill library.

→ 1896. *The Compleat Angler, etc.* With a preface by Richard Le Gallienne. pp. 10+[16]+246. illust. London.

Another facsimile reprint of the first (1653) edition.

[1925]. *The Complete Angler, with illustrations* by James Thorpe. pp. 16+221. portr. and pl. London.

→ n.d. *The Complete Angler, with an Introduction* by C. H. Dick. pp. 20+245. London.

WANGANUI PUBLIC MUSEUM.

Wanganui, New Zealand.

1895-date. Annual Report.

WANG CH'I 王圻 [16th cent.].

✓ 1609. *San ts'ai t'u hui 三才圖會*; Illustrated encyclopedic work, including material on animals, worms, birds, etc. 24.4×16 cm. [G.]

WANG CHO 王暉.

1834. *Lung ching 龍經*; A short compilation on the dragon. pp. 4. (In *Chao tai ts'ung shu 昭代叢書甲集第五十卷*) 24.2×15.5 cm. [G.]

WANG CH'UNG 王充 [A.D. 27-97]

1626. *Lun heng 論衡*; A treatise on contemporary beliefs, customs, manners, etc., including several essays on animals and insects (商蟲講瑞). 27×17.5 cm. [G.]

WANG YING-LIN 王應麟 [1223-96].

✓ ca. ? 1500. *Yü hai 玉海*; An encyclopedic work, containing material on animals, birds, insects, etc.; chüan 198-9; published in the Ming Dynasty (1368-1644). 27×17 cm. [G.]

WARBLER. (Long Island Natural History Club.) 1903-21. Floral Park, N.Y.

This periodical, from 1904 to 1913, was the official organ of the *Long Island Natural History Club* and (1907-13) *Bulletin of the John Lewis Childs Museum and Library of Natural History*. The editors were (1903) H. C. Munson and (1905-13) J. L. Childs. The magazine assumed the title of *Warbler* on the issue of vol. 3. It was published bimonthly, 1903-4; quarterly, 1905-6; annually, 1907-10, 1913. Publication was suspended 1911-12 and publication ceased in 1921.

WARD, A. E. *Paintings of the birds of Fiji.* See ORIGINAL DRAWINGS; BELCHER, W. J.

WARD, ARCHIBALD ROBINSON [1875-] and GALLAGHER, B. A.

1920. *Diseases of domesticated birds.* 8vo. pp. 12+333. 69 figs. 2 indexes. New York.

This work deals not only with diseases of poultry, but treats also

of the ostrich, cage-birds, and wild birds semi-domesticated in Zoological gardens.

WARD, CHARLES HENSHAW [1872-].

1927. *Charles Darwin; the man and his warfare.* 8vo. pp. 12+472. 27 pl. append. index.

Indianapolis.

This is undoubtedly the most complete and satisfactory life of the illustrious scientist yet written.

WARD, FRANCIS.

1919. *Animal life under water.* 8vo. pp. 10+178. 53 pl. (5 col.). index. London.

The principal thesis of this work holds that an account of fish-eating birds and other animals cannot be considered complete unless described as seen from below the surface of the water. The birds whose under-water views are described are Cormorants, Penguins, Herons, Gulls, and Kingfishers.

WARD, HENRY B.

1924. *Banding White Pelicans.*

Reprinted from *The Condor*, vol. xxvi, pp. 136-40, July 1924.

WARD, R. H. 1868. See AMERICAN NATURALIST.

WARD, ROWLAND [? 1848-1912].

1923. *Sportsman's handbook to collecting and preserving trophies and specimens.* 11th ed. 12mo. pp. 10+74. 1 pl. 75 figs. index. London.

The first edition was issued in 1880.

[WARD, THOMAS.]

?1728. *The Bird-Fancier's Recreation, being curious remarks on the Nature of Song-Birds, etc.* A New Edition. 1 vol. 12mo. pp. 89. front. London.

This old and rather scarce handbook for the dealer and aviculturalist is generally listed, as in this *Catalogue*, under ANONYMOUS, its author and date of publication being uncertain. See Zimmer, *Ayer Cat.*, p. 662.

WARD, THOMAS.

1907. *Rambles of an Australian Naturalist.* 8vo.

These interesting observations in natural history were made by Paul Fountain from Ward's notes and Journals.

WARD'S NATURAL HISTORY BULLETIN. 1881-9. Rochester, N.Y.

→ WARE, JOHN [1795-1864]. 1824. See SMELLIE, W.

WARING, S.

1832. *The minstrelsy of the woods; or, Sketches and songs connected with the natural history of some of the most interesting British and foreign birds.* 8vo. pp. xi+227. 17 pl. (col.). London.

A popular but accurately written work with fairly good colored illustrations.

WARREN, BENJAMIN HARRY [1858-].

1888. *Report on the birds of Pennsylvania.* 8vo. Harrisburg.

The first printing of an important monograph.

1890. *Report on the birds of Pennsylvania, with special reference to their food-habits.* 2nd ed. 8vo. pp. 14+434. 99 pl. (col. after Audubon). 1 diagr. append. bibliogr. index. Harrisburg, Pa.

An enlarged and revised version of the first (1888) edition. The check-list of the latter is omitted but there is an extensive appendix (pp. 333-424) containing additional papers of importance by well-known ornithologists.

[WARREN, B. H. (contd.)]

1896. Taxidermy; how to collect, skin, preserve and mount birds. *8vo.* pp. 128. 11 figs. *index.*
Harrisburg, Pa.

**** and **PEARSON, L.**

1897. Diseases of Poultry. See PEARSON, L.

1919. The Passenger Pigeon in Pennsylvania. See FRENCH, J. C.

WARREN, EDWARD ROYAL [1860-]

1910. The Mammals of Colorado, etc. pp. 200. 3 maps. 81 *illustr.* (from photos.). New York.

A valuable contribution to a study of the mammalia of western North America. It includes the author's *Notes and Further Notes* on the same subject, published several years previously.

1914. The birds of El Paso County, Colorado. See AIKEN, C. E. H. and WARREN, E. R.

WARREN, JOHN [1874-1928].

[1911]. Development of the Paraphysis and Pineal Region in Reptilia. *8vo.* *illustr.* [O. 4186.]
Baltimore.

WARREN, JOHN COLLINS [1778-1856].

1854. Remarks on some fossil impressions in the sandstone rocks of Connecticut River. *8vo.* pp. 54. 3 figs. Boston.

1855. The *Mastodon giganteus* of North America. 2nd ed. *folio.* pp. 8+260. 30 pl. Boston.

WARREN, ROBERT and USSHER, R. J.

1900. (The) birds of Ireland, etc. See USSHER, R. J. and WARREN, R.

WARSAW UNIVERSITET. Zootomiche-skaia Laboratoriia.

1892-1914? Raboty.

WARWICKSHIRE NATURAL HISTORY AND ARCHAEOLOGICAL SOCIETY, WARWICK, ENGLAND.

1836-84. Annual Report.

WARWICKSHIRE NATURALISTS' AND ARCHAEOLOGISTS' FIELD CLUB. 1887?-9?

Warwick, England.

WASHBURN COLLEGE, TOPEKA, KANSAS. Laboratory of Natural History.

1884-90. Bulletin. (All pub.)

WASHINGTON ACADEMY OF SCIENCES. 1911-date. Journal.

1899-1911. Proceedings.

WASHINGTON, BIOLOGICAL SOCIETY.

1880-date. Proceedings. See PROCEEDINGS . . . WASHINGTON.

WASHINGTON, CARNEGIE INSTITUTION OF.

1902-30. Publications. Washington, D.C.

WASHINGTON UNIVERSITY.

1915-date. Publications in Mathematics and Physical Science.

WATERHOUSE, CHARLES OWEN [1843-]

1902-12. Index Zoologicus (No. II) . . . names of Genera and Subgenera proposed for use in Zoology as recorded in the 'Zoological Record'. *8vo.*

London.

One of the most important of modern tractates in zoology.

WATERHOUSE, FREDERICK HERSCHEL [1845-]

1885. The dates of publication of some of the zoological works of the late John Gould. *8vo.* pp. 17+59. *T. of c.* London.

1889. Index generum avium. A list of the genera and subgenera of birds. *8vo.* pp. 6+240. London.

A most important classic for the student of systematic ornithology. The copy in hand is interleaved and supplied with notes by 'F. N., 1889'. Supplements to this Index have been issued from time to time by C. W. Richmond in the *Proc. U.S. National Museum*. The E.S.W. Library has a presentation copy from R. Bowdler Sharpe to Charles Chubb.

WATERHOUSE, GEORGE ROBERT [1810-88].

1838-9. See ZOOLOGY OF THE VOYAGE OF H.M.S. BEAGLE.

1846-8. A natural history of the *Mammalia*. 2 vols. *8vo.* 45 col. pl. London.

Vol. I. *Marsupialia*, or pouched animals. Vol. II. *Rodentia*, or gnawing *Mammalia*.

WATERTON, CHARLES [1782-1865].

1825. Wanderings in South America, the north-west of the United States and the Antilles in 1812, 1816, 1820 and 1824. With instructions for the preservation of birds. *4to.* pp. 7+326. 2 pl. *figs. in text.* London.

The *editio princeps* of a natural history classic. The author is mostly known for his studies of South American flora and fauna. He resided in British Guiana, the United States, and the B.W.I. at various times.

1838. Essays on Natural History, chiefly ornithology . . . with an autobiography of the author. *8vo.* (Wanting.) London.

The first edition, first series. Subsequent editions and series appeared at intervals for the succeeding 20 years.

1844-57. Essays on natural history, chiefly ornithology. With an autobiography of the author. 3 vols. Series I-III. *8vo.* Lettered on back: 1st series; 2nd series; 3rd series. First series, 1845, 6th ed. Preface date, 1837. pp. 83+334. Second series, 2nd ed., 1844. Preface date, 1844. pp. 143+204. Third series, 1857. Preface date, 1857. pp. 47+290. London.

One of the numerous printings or editions of a famous series of essays on zoological—mainly ornithological—subjects. The present volumes constitute the complete work, uniformly lettered and bound, but the title-pages indicate different 'editions' in each instance. Two impressions are known to have been issued during 1844, the fifth edition and the second series, first printing.

1846. Essays on natural history, chiefly ornithology. *8vo.* pp. 142+204. *front. append.* London.

A third edition of the second series.

[1870]. Natural History Essays. Edited with a Life of the Author, by Norman Moore. *8vo.* *portr. illustr.* [O. 4196.] London.

**** and **WOOD, Rev. J. G.**

1879. Wanderings in South America, etc. *8vo.* pp. 16+520. 107 figs. *index.* London.

The present edition contains the *Wanderings*, with a biography and explanatory index compiled by the editor of every animal and tree mentioned by Waterton.

→ Watson, 1883 Anatomy of the Spheniscidae coll. by Challenger.

1852. Webber, C.W. The Hunter-Naturalist. 8vo. ill. Phila. ^{ordered} Sauber & Pine ¹⁸³²

WATFORD NATURAL HISTORY SOCIETY. 1875-9. See also HERTFORDSHIRE NATURAL HISTORY SOCIETY.

WATKINS, MORGAN GEORGE.

1896. Gleanings from the natural history of the ancients. 8vo. pp. 13+258. T. of c. London.

This collection includes a Homeric bestiary, and Virgil as an ornithologist.

WATKINS, WATKIN [1869-].

1897. Wild birds protection acts. See MARCHANT, JAMES ROBERT VERNAM.

1903. The birds of Tennyson. 8vo. pp. 8+202. 10 pl. index. London.

A useful anthology for the naturalist. Presentation copy from the author with autograph.

WATSON, ALFRED E. T.

1893. (The) partridge. See MACPHERSON, HUGH A.

1903. Snipe and woodcock. See SHAW, L. H. DE VISME.

WATSON, JOHN, ed.

1893. Ornithology in relation to agriculture and horticulture by various writers. 8vo. pp. 8+220. T. of c. append. London.

WATTERS, JOHN J.

1853. The natural history of the birds of Ireland, indigenous and migratory. 12mo. pp. 15+299. index. Dublin.

A systematic and descriptive catalogue including an account of the migration, geographic distribution, and habits of 261 species. The work was suggested by William Thompson as a cheaper treatise than his *Natural History of Ireland*, 1849.

WAYNE, ARTHUR TREZEVANT [1863-1930] and **REA, PAUL M., ed.**

1910. Birds of South Carolina. With an introduction by the editor. 8vo. pp. 21+254. front. bibliogr. index. Charleston.

An annotated list of 309 species of coast birds of the State, followed by another list of 28 species from the interior; with a further catalogue of 22 hypothetical species. Bound in with the volume in hand are copies of the *Bulletin of the Charleston Museum*, the periodical in which much of the letterpress of the treatise first appeared.

WEBB, PHILIP BARKER [1793-1854] and **BERTHELOT, SABIN** [1794-1880].

1835-44. Histoire naturelle des Îles Canaries, etc. 3 vols. and atlas. 4to. and folio. Paris.

According to the *Cat. Br. Mus. (Nat. Hist.)* this large work was issued in 106 fortnightly parts. Vol. II contains the vertebrate zoology, 12 pages being given to mammalogy by P. Barker-Webb; ornithology by Barker-Webb, S. Berthelot, and A. Moquin-Tandon, pp. 48 and 4 col. pl.; herpetology by P. Gervais, pp. 5 and 1 pl.; ichthyology by A. Valenciennes, pp. 109, 26 pl.

1841. Ornithologie canarienne. Zoologie II. 2^e partie. folio. pp. 48. 4 col. pl. Paris.

A portion of the *Histoire naturelle des Îles Canaries*, apparently used as a prospectus for the remainder of the work. On the cover of the volume it is stated that the work is to be issued to subscribers and completed in three large volumes, the second of which will treat, *inter alia*, the zoology of the Canaries. The plates are probably first states and are fine portraits of the birds of the islands.

WEBBER, CHARLES WILKINS [1819-56].

1854. Wild scenes and song-birds. 4to. pp. 10+347. 20 col. pl. New York and London.

This is probably the first edition of a collection of chapters on nature-study, most of them about birds. With the exception of some trivial changes in the title-page the 1858 edition (also in the E.S.W. Library) is identical with the above.

WEBER, FRIEDRICH A.

1774-84. Naturgeschichte der Vögel, etc. 4 vols. 11 pls. folio. 43 (instead of 46) pl. Heilbronn.

An early, rare, and important treatise, not listed by the *Cat. Br. Mus. (Nat. Hist.)*.

WEBER, JOHANN CARL [1801-] and **KRANZ, C. A.**

1870. Die Fische Deutschlands und der Schweiz. 2nd ed. 8vo. pp. 61. 67 col. pl. München.

A handy manual of middle and north European fishes.

WEBER, MAURICE.

1915. Monographie des hirudinées sud-américaines. (Neuchâtel University thesis.) 8vo. pp. 134. 6 pl. 52 text-figs. Neuchâtel.

A full account of the swallows of South America illustrated by excellent plates. The copy in hand is a presentation from the writer.

WEBER, MAX CARL WILHELM [1852-1926?].

1890-1907. Zoologische Ergebnisse einer Reise in Niederländisch Ost-Indien, etc. 4 vols. in 5 pls. 8vo. 93 col. pl. 3 maps. many text-figs. Leiden.

This interesting and well-known record of the natural history of the Dutch East Indies devotes parts of three volumes to vertebrate zoology. The mammals of Malaysia are described (1890) by the author and F. A. Jentink; the reptilia by the author and T. W. van Lidth de Jeude (1891); the birds by J. Büttikofer; the fishes by the author, and the amphibia by P. N. van Kampen.

1901-date. Siboga-Expeditie, etc. 4to. Monog. I- Leiden.

So far as published there is little to interest the vertebrate-zoologist in these otherwise important biological monographs, based on collections made during the voyage of the Dutch Government vessel 'Siboga'. They have been regularly issued to date.

1904. Die Säugetiere. Einführung in die anatomie und systematik der recenten und fossilen Mammalia. 1st ed. 4to. pp. 11+866. text-figs. Jena.

1906. See WICHMANN, C. E. A.

**** and **BEAUFORT, L. F. DE.**

1911-28. The fishes of the Indo-Australian Archipelago. 5 vols. 8vo. 2 portr. Over 500 figs. Leiden. This important monograph is to be completed in 8 vols. It will then rank with the indispensables for research students.

1913. Die Fische der Siboga-Expedition. 4to.

Leyden.

An important section of this scientific expedition whose vertebrate zoology was not described until the invertebrates had been reported upon.

****, **BURLET, H. M. DE**, and **ABEL, OTHENIO** [1875-].

1927-8. Die Säugetiere. Einführung in die Anatomie und Systematik der Recenten und Fossilen Mammalia. Bd. I. Anatomischer Teil (H. M. de Burlet). pp. xv+444. 316 figs. 1927. Bd. II. Systematischer Teil (Othenio Abel). pp. xxiv+898. 573 figs. 1928. Jena.

This is the second and much enlarged edition of a well-known monograph edited by two mammalogists of repute (probably) after Weber's death.

WEBSTER, G. WATMOUGH.

1895. Twenty-five Photographs of the Life-History Groups of Birds in the Grosvenor Museum. folio. T. of c. Chester.

This fine series has descriptive text with each plate.

WEBSTER, PETER.

1912. Wild birds at home. Fourth series. Sixty photographs from life of British Birds and their nests. 32mo. pp. 76. 60 pl. London.

- WEBSTER, WILLIAM HENRY BAYLEY.**
1834. Narrative of a voyage to the southern Atlantic Ocean, in the years 1828, 29, 30, in H.M. sloop Chanticleer. 2 vols. 8vo. Vol. I, pp. 11+399. front. Vol. II, pp. 8+398. 1 fig. append. index. London.
- WECKMANN-WITTENBURG, P. F.**
1922. Ornithologisch-photographische Naturstudien. 8vo. pp. 7+192. 78 figs. T. of c. Bielefeld. Practical instructions how best to photograph birds and their nests.
- WEDDERBURN, JOHN WALLIS.**
1859. (The) naturalist in Bermuda. See JONES, J. M.
- WEED, CLARENCE MOORES [1864-] and DEARBORN, NED.**
1903. Birds in their relations to man; a manual of economic ornithology for the United States and Canada. 8vo. pp. 8+380. 19 pl. 96 figs. (5 maps). 4 append. index. Philadelphia. A useful and very thorough treatise on the economic ornithology of the United States and Canada.
1924. Birds in their relations to man. 8vo. pp. 8+414. 142 figs. (2 maps). 4 append. index. Philadelphia. This (third) edition has an extra chapter on bird houses and how to build them, illustrated with 48 figures in the text.
- WEGNER, GOTTFRIED [1644-1709].**
1699. Tractatus curiosus . . . de Rattis. 4to. [O. 6529.] Gedani. A good account of the rat from the historical standpoint.
- WEIDENREICH, FRANZ [1873-].**
1927. Rasse und körperbau, mit 201 abbildungen. Berlin. A comprehensive, pictorial study in human and comparative anatomy.
- WEIGEL, OSWALD. 1896-date. See ANZEIGER FÜR BOTANIK UND ZOOLOGIE.**
- WEIGOLD, H.**
1930. Der Vogelzug auf Helgoland graphisch dargestellt. 4to. pp. 24. 91 pl. This is No. 1 of the *Abhand. a. d. Gebiete d. Vogelzugforschung*.
- WEINREICH, WILHELM G. [1886-].**
1925. Verzeichnis der laufenden ausländischen Zeitschriften. Frankfurt (Main). A valuable catalogue of current, non-German periodicals, including those on natural history.
- WEIS, HENNING [1892-1922].**
1923. Life of the harrier in Denmark; observations from breeding places in west Jutland. 4to. pp. 80. 44 figs. London. An excellent account of the home-life of the Marsh, and Montagu's Harrier, the only two species now breeding in Denmark, with beautiful illustrations from photographs by the author. It is believed that the strain the author put upon himself by spending weeks at a time in the marshy wilderness (where these birds nest) during the years 1913-18, undermined his constitution and hastened his death at the early age of 30.
- WEISMANN, FRIEDRICH LEOPOLD AUGUST [1834-1914].**
1877. Das Thierleben im Bodensee. 4to. pp. 31. 1 pl. Lindau.
1882. Studies in the Theories of Descent. With a prefatory Notice by Charles Darwin. 2 vols. 8vo. 8 col. pl. London. This is an English translation by R. Meldola of the original *Studien*, published in Leipzig, 1875-6. Professor Weismann was one of the most famous naturalists in Germany.
- WELLER, C.**
1900. Catalogue of a collection of birds' eggs. 8vo. pp. 2+64. Copenhagen. The specimens numbered over 7,000, representing 1,758 species.
- WELLES, E. E.**
[1850]. Series of Interesting Etchings on Natural History. 4to.
- WELLINGTON, N.Z. DOMINION MUSEUM.**
1923-date. Bulletin.
1922-date. Monographs.
- WELLINGTON FIELD NATURALISTS' CLUB. See ONTARIO NATURAL SCIENCE BULLETIN.**
- WELLS, CARVETH.**
1925. Six years in the Malay jungle. 8vo. pp. 13+261. 16 pl. append. bibliogr. Garden City, N.Y. A very interesting narrative of the author's experiences, compiled from his notebooks.
- WELLS, HERBERT GEORGE [1866-] and DAVIES, A. M.**
1923. Text-book of zoology. 12mo. pp. 8+487. 207 figs. append. index. London. The sixth (revised) edition of an excellent manual.
- WELLS, JOHN GRANT.**
1886. A list of the birds of Grenada, West Indies. 8vo. pp. 4+12. Grenada. Most of the birds obtained by the author were sent to the Smithsonian Institution, and determined by G. N. Lawrence. The list embraces 93 species, two of which were new to science. The present copy is an autographed presentation from the author to P. L. Sclater.
- WELLS, THOMAS.**
1911-13. (The) British bird book. See KIRKMAN, F. B. B.
- WERNER, CHAS. J.**
1918. History of Long Island. See THOMPSON, BENJAMIN FRANKLIN. The third edition; the first appeared in 1839.
- WERNER, JOHANN CARL.**
1842. Atlas des oiseaux d'Europe d'après C. J. Temminck et dessinés par J. C. Werner. 4 vols. 8vo. 516 col. pl. Paris. The first issue of Werner's celebrated *Atlas* to Temminck's *Manuel d'Ornithologie*, 1820-40, a portion of the former having been published (in parts) during the issue of the latter. The above series of colored plates is described in the second edition of the *Manuel*, which may account for the small amount of textual description in the *Atlas*. The present copy consists of 52 *livraisons* with most of their original, dated wrappers, and as such is a rare and valuable work of reference for the student. A two-volume edition, with 530 plates, appeared at Paris and London in 1848, but the illustrations are said to be inferior to those of the first issue.
- WERNERIAN NATURAL HISTORY SOCIETY. Edinburgh.**
1808-38. Memoirs.

← Wentwood, T. and Satchel, T. 1883. Bibliotheca Picatoria. 4to.

→ Werth, Hermann. Altfranzösische Jagdlehrbücher, Halle, 1889.

→ 1899. All about birds. 800.

→ 1910. British nesting birds. 130p., 50 figs., 15 pl.

→ 1914. Bird studies in twenty-four lessons. front., illus.

→ [1918]. My life as a naturalist. part. 100 illus. London. (Autographed presentation copy from author)

WERNIGERODE. Naturwissenschaftlicher Verein des Harzes in Wernigerode.

1886-96. Schriften. (All pub.)

WESENBERG-LUND, C.

1923. Fran Sjöe och Strand. Stockholm.

A translation into Swedish of the original work.

WESLEY SCIENTIFIC SOCIETY, LONDON.

1887-9. Wesley Naturalist.

WEST AMERICAN SCIENTIST. (San Diego Society of Natural History.)

1884-1919. San Diego, Cal.

WEST AUSTRALIAN NATURAL HISTORY SOCIETY. See NATURAL HISTORY AND SCIENCE SOCIETY OF WESTERN AUSTRALIA, PERTH.**WEST CHESTER BIRD CLUB.**1918-21. Bulletin. 3 vols. 8vo. *illust.* West Chester, Pa.**WESTELL, WILLIAM PERCIVAL.**

[1900]. A year with nature. 8vo. pp. 16+276. 173 figs. T. of c. London.

A collection of essays and magazine articles.

1905. British bird life, being popular sketches of every species of bird now regularly nesting in the British Isles. 8vo. pp. 35+338. 60 text-figs. T. of c. London.

1908. Country Rambles, etc. London.

[1911]. The young ornithologist; a guide to the haunts, homes and habits of British birds. 8vo. pp. 15+311. col. front. 65 text-figs. index. London.

→ [1918]. My life as a naturalist. 8vo. pp. 18+268. 103 figs. *append. index.* London.?1927. British Mammals. 12mo. pp. 127. 2 col. pl. 26 text-figs. *index.* London.One of the popular *Abbey Nature Books* for the amateur.(?) 1928. British Reptiles, Amphibians, and Fresh-water Fishes. 12mo. pp. 9+113. 64 text-figs. *index.* London.One of the *Abbey Nature Books* for amateurs.n.d. Nature photography and some British mammals and birds. pp. (8)+174. 39 figs. *index.* London.n.d. The Songs of a Nature Lover. 4to. pp. 221. *index.* London.**WESTERN FIELD AND STREAM. See**

FIELD AND STREAM (ST. PAUL, MINN.).

WESTERN NATURALIST.

1887-8. (All pub.) Madison.

WESTERN OOLOGIST. Devoted to the Study of Birds, their Nests and Eggs. Ed. by W. S. Burnham and L. H. Cannon, Milwaukee, Wis.

1878. Vol. I, Nos. 1-8. 8vo. (All pub.)

The *Western Oologist* (1885) was probably a revival of this magazine.**WESTERN OOLOGIST, THE. Devoted to the Study of Birds, their Nests and Eggs. Published Monthly by F. M. Sherin, Milwaukee, Wis.**

1885. Nos. 1-3. 8vo. (All pub.)

Contains notes by H. A. Berry, W. N. Clute, C. A. Keeler, F. C.

Green, and others. A periodical of the same name also appeared (and suspended) about 1878. Perhaps this is the journal said to have continued *The Oologist* of Milwaukee.**WESTERN ORNITHOLOGIST, THE.**

1900. 8vo. Bimonthly. Editor: C. C. Tyron.

Avoca, Iowa.

This periodical is the continuation of the 4 vols. of the *Iowa Ornithologist*, 1894-1900. Vol. V, 1900, Nos. I-III, Jan., Feb.-May, June. pp. 66. 1 pl. (All pub.)

In addition to the editorial staff, M. E. Peck, B. H. Wilson, J. N. Clark, Wm. Savage, and other writers contributed papers to this short-lived but excellent journal.

WESTERN RESERVE NATURALIST.

1893.

Geneva.

WESTERN YUNNAN EXPEDITION.

1878. Anatomical and Zoological Researches. By John Anderson. 2 vols. 4to. pp. 25+980+41. 81 col. pl. London.

This important work furnishes the zoological results of two expeditions to S.W. China (Burma border) in 1868 and 1875. The vertebrata are described and depicted by John Anderson, except *Chiroptera* by G. E. Dobson.**WEST KENT NATURAL HISTORY, MICROSCOPICAL AND PHOTOGRAPHIC SOCIETY. 1873?-1903?**

London.

WESTPREUSSISCHER BOTANISCH-ZOOLOGISCHER VEREIN, DANZIG.

1878-date. Bericht.

WESTON, G. E.

1911. Our canaries. See ST. JOHN, CLAUDE.

n.d. Cage-bird hybrids. See HOULTON, C.

WESTWOOD, THOMAS [-1888] and SATCHELL, THOMAS.

1883. Bibliotheca piscatoria. 8vo. pp. 24+397. London.

This is a valuable work of reference to books on fishes, fisheries, angling, etc., with bibliographical notes and an appendix.

WETMORE, ALEXANDER [1886-].

1916. Birds of Porto Rico. 8vo. pp. 134. 1 col. pl. text-figs. Washington.

This admirable monograph first appeared as *Bulletin* 326 of the *Biological Survey*.

1921. Wild ducks and duck foods of the Bear River marshes, Utah. 8vo. pp. 20. 4 pl. T. of c. Washington.

Author's reprint, *Bulletin of the Biological Survey*, No. 936.

1923. Migration records from wild ducks and other birds banded in the Salt Lake Valley, Utah. 8vo. pp. 14+(2). 2 pl. map. Washington.

This *Bulletin of the Bureau of the Biological Survey*, author's reprint, is really a study in bird migration as related to the protection of game birds.

1925. Food of American phalaropes, avocets, and stilts. 8vo. pp. 20. 3 pl. T. of c. Washington.

Author's reprint of *Dept. of Agriculture Bulletin*, No. 1359.****** and WOOD, CASEY A.**

1925-6. Birds of the Fiji Islands. See WOOD, CASEY A. and WETMORE, ALEXANDER.

1926. Descriptions of additional fossil birds from the miocene of Nebraska. 8vo. pp. 5. 6 figs. New York.

An account of further remains of birds collected by Albert Thomson in the Snake Creek quarries of north-western Nebraska. Author's separate from *American Museum Novitates*, No. 211.

[WETMORE, A. (contd.)]

1926. Observations on the birds of Argentina, Paraguay, Uruguay, and Chile. 8vo. pp. 4+448. 20 pl. *index*. Washington.

This excellent systematic treatise forms *Bulletin* 133 of the (U.S. National Museum) *Smithsonian Institution* and is the result mostly of personal observation and examination of the material in the native habitat of the birds whose history is here recorded. The volume in hand is a donation to the E.S.W. Library from the author.

1927. The migrations of birds. 12mo. pp. 8+217. *front.* 6 *figs.* (5 *maps*). *T. of c.* Cambridge, Mass.

This fascinating volume is practically a revision of six lectures delivered before the Lowell Institute in Boston. The whole work teems with original matter, as little reference as possible being made to the work of others. It is the most thorough treatise on avian migration hitherto published in America, and should be read in conjunction with J. Landsborough Thompson's *Problems of Bird Migration*, 1926.

→ **WETTERAUISCHE GESELLSCHAFT FÜR DIE GESAMMTE NATURKUNDE ZU HANAU.**

1809-19. *Annalen*. (All pub.)

1843-date. *Bericht*.

WETTSTEIN, OTTO VON.

1917. *Wissenschaftliche ergebnisse . . . von F. Werner unternommenen zoologischen Expedition nach dem Anglo-Ägyptischen Sudan (Kordofan) 1914. II. Bearbeitung der auf der Expedition gesammelten Vögel und Säugetiere.* folio. pp. 2+139. 4 pl. 14 *text-figs.* 1 *map.* Wien.

Author's special separate of an important contribution to our knowledge of the mammals and birds of the Sudan, 215 of the avian species being listed and described briefly but systematically. Presentation copy to Prof. A. Reichenow.

WHARTON, HENRY THORNTON [1846-95].

1877. A list of British birds; the genera arranged according to Sundevall's method, the nomenclature revised. 8vo. pp. 4+20. *index.* London.

A rare pamphlet and useful list, with systematic and local names, of British birds. The present copy is from the Mullens Library.

WHEATON, JOHN M. [? 1841-87].

1860. [Catalogue of the birds of Ohio.] 8vo. pp. 21. Author's edition specially paged from the *Ohio Agricultural Report*. The Catalogue contains the names of 285 species.

1882. Report on the birds of Ohio. 8vo. pp. 188-628. 3 *append.* *bibliogr.* *glossary.* [Columbus.]

This work was long delayed in publication. It was begun in 1873, started through the press in 1879, completed in 1881, and actually published late in 1882. It was revised in 1903 and brought up to date by Lynds Jones in the *Ohio State Acad. Science, Special Papers*, No. 6, *The Birds of Ohio*. A manual of the birds found in Ohio with a Check-List of 298 species.

WHEELER, GEORGE MONTAGUE [1842-].

1875. Annual report upon the geographical explorations and surveys west of the one hundredth meridian, in California, Nevada, Nebraska, Utah, Arizona, Colorado, New Mexico, Wyoming, and Montana; being appendix LL of the annual report of the chief of engineers for 1875. 8vo. pp. 6+196. *index.* Washington.

An important, fundamental treatise on the bird life of southwestern United States. The appendix gives an annotated catalogue of the birds of the Surveys by H. W. Henshaw. There are full descriptions of species with their synonymies, measurements, and other field notes. The present volume is a specially arranged excerpt, a presentation copy from Lieut. Wheeler.

WHEELER, J. F. G. 1925. See 'DISCOVERY' REPORTS.**WHEELOCK, Mrs. IRENE GROSVENOR.**

1902. Nestlings of forest and marsh. 8vo. pp. 8+257. 12 pl. 56 *figs.* *T. of c.* Chicago.

→ 1910. Birds of California; an introduction to more than three hundred common birds of the state and adjacent islands. 8vo. pp. 18+578. *front.* (col.). 9 pl. 1 *diagr.* 1 *map.* 75 *figs.* *index.* Chicago.

A short account of the distribution, breeding range, and nidification of each species is given, with a supplementary list of California birds compiled by Harry C. Oberholser to January 1, 1909.

WHEELWRIGHT, HORACE WILLIAM [1815-65].

1859. *Comparatif förteckning på Skandinavien och Stor-Britanniens Fåglar. Comparative list of the Birds of Scandinavia and Great Britain.* 4to. pp. 18. Printed in double columns, Swedish and English. Carlstad.

The author is better known under his pen-name of 'An Old Bushman'. The present copy (no title-page) is from the libraries of Thos. Parkin and W. H. Mullens, and has a portrait and appended a MS. biography (by the former) of Wheelwright.

1861. Bush wanderings of a naturalist; or, Notes on the field sports and fauna of Australia Felix. By an Old Bushman. 16mo. pp. 15+272. *index.* London.

1865. Ten years in Sweden: being a description of the . . . fauna of Scandinavia. 8vo. pp. 16+592. *T. of c.* London.

1871. A spring and summer in Lapland. 2nd ed. 8vo. pp. 8+407. 6 pl. (col.). London.

The first edition, without colored plates, was published in 1864.

→ **WHISHAW, FREDERICK J.**

1893. Out of doors in Tsarland; a record of the seeings and doings of a wanderer in Russia. 8vo. pp. 6+380. 2 *fig.* *T. of c.* London.

WHISTLER, HUGH.

1924. In the high Himalayas; . . . with some notes on the natural history. 8vo. pp. 4+223. 17 pl. (1 *map*). *index.* London.

1928. Popular handbook of Indian birds. 8vo. pp. 24+438. 17 pl. (4 col.). 85 *text-figs.* *index.* London.

An excellent treatise that fills the gap between brief accounts and the more elaborate *Fauna of British India*.

WHITAKER, JOSEPH I. S.

1879. Descriptive list of the birds of Nottinghamshire. See STERLAND, W. J.

1902-20. See VICTORIA HISTORY OF THE COUNTIES OF ENGLAND.

1905. The birds of Tunisia; being a history of the birds found in the regency of Tunis. 2 vols. 8vo. Vol. I, pp. 32+294. 15 pl. (13 col.). 1 *map.* *bibliogr.* *index.* Vol. II, pp. 18+410. 4 pl. (2 col.). 1 *map.* *index.* London.

In 1924 Louis Lavauden with others published their *Contributions à l'ornithologie Tunisienne* which was intended as a supplement to this meritorious work.

1907. Notes on [259 species of] the birds of Nottinghamshire. 8vo. pp. 19+298. col. *front.* 11 *text-figs.* Nottingham.

→ 1904. *Birds of California*. An introduction to more than 300 common birds of the State and adjacent Islands. 17 mo, limp covers. Ten full page plates and many illus.
Chicago

→ . *Systematic classification of the birds of the World.*

= Whetham, 1924. *Cambridge readings in the literature of science.*
illus.

→ Whetham, W. C. D. Dampier. 1930. *A History of Science and its relations with philosophy and religion.* pp. 514. 2nd ed. rev.

→ 1851. Natural history of Selborne. 40my. Ed. by Jesse.

→ 1864. Natural history of Selborne. 800, illus. Ed. by J. G. Wood.

WHITE, ADAM [1817-79].

1850. A popular history of Mammalia, etc. *8vo.* pp. 8+346+14. 16 col. pl. London.

A valuable and trustworthy treatise for the beginner by a celebrated British naturalist.

1855. A popular history of birds, comprising a familiar account of their classification and habits. *8vo.* pp. 8+347. 20 col. pl. index. London.

A popular review of all the Aves, written in interesting fashion. The colored plates are rather poor. The *Ayer-Zimmer Cat.* gives the date of publication as 1855. This is probably one of the very few typographical errors in that admirable catalogue as the copy in hand is dated, both on the title-page and in the preface, 1855. The treatise must be rare; it is not listed in the *Cat. Br. Mus. (Nat. Hist.)*.

WHITE, ERNEST WILLIAM.

1881-2. Cameos from the Silver-land; or, The experiences of a young naturalist in the Argentine Republic. 2 vols. *8vo.* Vol. I, pp. 18+436. 1 map. index. Vol. II, pp. 16+527. index. London.

References to animal life, especially to the birds, of the country are numerous.

WHITE, Rev. GILBERT [1720-93].

1789. The natural history and antiquities of Selborne, in the county of Southampton. *4to.* pp. 5+468+(13). 9 pl. 5 append. index. London.

The original edition of this immortal classic. The large folding engraving facing the title-page in this copy 'entitled, North-east view of Selborne', is reproduced in the only other *4to* edition (1813) and on a smaller scale in Jardine's edition of 1853, also in Bowdler Sharpe's edition of 1900. No end of editions—over one hundred—have appeared of this famous book, most of whose titles will be found in *A Bibliography of Gilbert White of Selborne*, by Edward A. Martin, 1897, and in the *Bibliography* by Dr. C. Davies Sherborn in Sharpe's edition of Selborne, 1900. The chief editions are in the Blacker and E.S.W. libraries, most of them listed in this *Catalogue*.

1795. A naturalist's calendar, with observations in various branches of natural history. *8vo.* pp. 5+170+(5). 1 pl. (col.). T. of c. London.

The *editio princeps* of the *Naturalist's Calendar*, which is usually bound with the *Natural History*. It was published as a separate volume, edited by Dr. John Aikin, and included (1) The Naturalist's Calendar, (2) Observations on various parts of Nature, (3) Meteorological Observations, (4) A Poem, (5) Summary of the weather and Table of Contents. A colored picture of a 'Hybrid Bird' appears opposite p. 65. Inserted in the present copy is a letter to Bowdler Sharpe regarding a reference to the Hen Harrier.

1802. Works in natural history, comprising the natural history of Selborne; the naturalist's calendar; and miscellaneous observations extracted from his papers; to which are added A calendar and observations by William Markwick. 2 vols. *8vo.* 4 pl. London.

1813. The natural history and antiquities of Selborne in the county of Southampton; to which are added, The naturalist's calendar; observations on various parts of nature; and poems. New ed., with engravings. *4to.* pp. 10+588. col. pl. London.

1822. The natural history of Selborne, to which are added, The naturalist's calendar, miscellaneous observations, and poems. A new ed., with engravings. 2 vols. in 1. *8vo.* pl. London.

1825. The Natural History of Selborne; to which are added, the Naturalist's Calendar, miscellaneous observations, and Poems. 2 vols. *8vo.* Vol. I, pp. 8+351. 2 pl. Vol. II, pp. 364. front. 1 pl. index. London.

This edition, published by C. and J. Rivington, has the colored plate of a 'Hybrid Bird' as a frontispiece to vol. I.

1829. Nat. Hist. Selborne. Wm. Jardine. London.

1832. The natural history and antiquities of Selborne. *8vo.* pp. 12+562. 15 figs. 2 indexes. London.

This edition is known as Prof. Rennie's, and contains good illustrations of Selborne as well as of the Calendar of British Zoology.

1836. The natural history of Selborne, with its antiquities; naturalist's calendar, etc. *8vo.* pp. 19+418. map. 100 figs. 2 indexes. London.

This little-known edition of Gilbert White's classic is of importance on account of footnotes by the eminent ornithologist, Edward Blyth, and because several new species are mentioned by him.

1836. The natural history of Selborne, with additions, by William Jardine. *8vo.* pp. 15+323. front. 18 pl. index. London.

This very rare edition has only the *Natural History*, with extracts from *Miscellaneous Observations*, to which the editor, Sir William Jardine, has subjoined sundry additional memoranda. Not listed in the *Cat. Br. Museum (Nat. Hist.)* nor mentioned by most bibliographies.

[1837]. The natural history and antiquities of Selborne. A new ed., with notes by E. T. Bennett. *8vo.* pp. 24+640. text-figs. London.

→ **1854.** The Natural History of Selborne. With additions and supplementary notes by Sir William Jardine. *8vo.* pp. xxiv+416. front. 40 text-figs. index. London.

1861. The natural history of Selborne. *8vo.* pp. 24+416. 41 pl. (col.). index. London.

One of several re-issues, in this case the 1850, of Bohn's *Illustrated Library*. Ed. by E. Jesse as were 1876 and 1881 prints.

→ **1866.** The natural history of Selborne, with miscellaneous observations and explanatory notes. *16mo.* pp. 6+430. index. Boston.

An American reprint of the London, 1862, issue.

1875. Natural history and antiquities of Selborne, with notes by Frank Buckland; a chapter on antiquities, by Lord Selborne, and new letters. *8vo.* pp. 30+591. 9 pl. 1 map. 120 figs. append. index. London and New York.

1876. The natural history of Selborne. *8vo.* pp. 24+416. 41 col. pl. index. London.

Another issue of Bohn's *Illustrated Library*, with notes by Sir William Jardine.

1877. The natural history and antiquities of Selborne in the county of Southampton. Ed. by Thomas Bell. 2 vols. *8vo.* Vol. I, pp. 58+507. 5 pl. 3 figs. Vol. II, pp. 6+410. 5 pl. 1 fig. index. London.

Large paper edition of this date. Inserted at the end of vol. I are two extra illustrations. The small paper octavo (1877) is also in the Blacker Library.

1877. Natural history and antiquities of Selborne; with notes by Frank Buckland. *8vo.* pp. 32+591. 10 pl. 1 map. 120 figs. append. index. London.

A reissue of the 1875 edition. This copy contains the colored plate lacking in that printing.

1883. Natural history and antiquities of Selborne. *8vo.* pp. 29+480. 126 figs. append. index. London.

A cheaper edition of the 1875 issue.

1887. The natural history of Selborne. *8vo.* pp. xii+366. London.

A volume of *The Camelot Series*, edited by Ernest Rhys, with a preface by Richard Jefferies.

1890. The natural history of Selborne. *8vo.* pp. 16+470. 88 figs. index. London.

A volume of the *Chandos Classics*, edited by G. C. Davies.

[WHITE, Rev. G. (contd.)]

1890. The natural history of Selborne. *8vo.* pp. 24+568. 59 figs. *index.* London.

Edited by J. E. Harting, with ten hitherto unpublished letters and replies from Gilbert White to Robert Marsham. Illustrated by Thos. Bewick.

1890. The natural history of Selborne . . . with notes by Sir William Jardine. *8vo.* pp. 26+475. *illustr.* London.

1895. Natural history of Selborne. 2 vols. Vol. I, pp. 23+208. 11 pl. 36 figs. Vol. II, pp. 6+231. 8 pl. 25 figs. New York.

The John Burroughs edition, published in New York and London, with extra fine illustrations.

1897. Natural history and antiquities of Selborne; with notes by Frank Buckland, etc. *8vo.* pp. 30+480. *illustr.* London.

1897. A bibliography of Gilbert White. See MARTIN, E. A.

1900. The natural history and antiquities of Selborne in the County of Southampton. *8vo.* pp. 10+476. London.

1900. The natural history & antiquities of Selborne & A garden kalendar, with an introduction to the Garden kalendar by the Very Reverend S. R. Hole, numerous illustrations by J. G. Keulemans *et al.* 2 vols. Vol. I, pp. 23+427. 50 pl. 37 figs. 2 *append.* Vol. II, pp. 15+443. 49 pl. 32 figs. 5 *append. bibliogr. index.* London.

This sumptuous edition, edited by R. Bowdler Sharpe, contains the restored passages to White's original letters in the British Museum relating to the birds of Gibraltar sent home by his brother John White. It also contains frequent excerpts from the notes in the well-known editions of Jardine, Bennett, and Bell, as well as the 'Garden Kalendar' now printed for the first time. The present copy is of the large-paper issue with plates limited to 160 copies, of which this is No. 128, signed by the editor and artists. The illustrations to this edition were also issued separately in a case.

→ 1902. The Natural History of Selborne. Edited by Grant Allen; a reprint of the 1900 edition. [O.]

→ 1905. The natural history of Selborne; rearranged and classified under subjects by Charles Mosley. *8vo.* pp. 7+266. *front. index.* London.

1908. The natural history of Selborne; edited with notes by Grant Allen. *8vo.* pp. 40+552. 186 figs. *append. index.* London.

There were at least four Grant Allen editions, 1900-8.

1911. The natural history & antiquities of Selborne in the county of Southampton, with illustrations in colour by George Edward Collins. *4to.* pp. 10+476. 24 pl. (col.). 5 *append. index.* London.

1911. A nature Calendar. Selborne Society.

This tractate was issued in folio, an edition of 250 copies signed by the editor, W. M. Webb, Secretary of the Selborne Society.

[1924]. The Natural History of Selborne, with notes by Richard Kearton, and 85 photographs including many taken specially at Selborne by Cherry Kearton and Richard Kearton. *4to.* pp. 5+248. *front. index.* London.

1931. Journals of Gilbert White. Edited by Walter Johnson. *8vo.* pp. xiv+463. 5 pls. 14 figs. *in text.* 2 *maps.* 1 *diag. index. bibliogr.* London.

The editor has also written 'Gilbert White, Pioneer, Poet and Stylist'.

The *Spectator* says of the work in hand: 'A perfectly edited diary. Who wishes to know England and the English cannot omit this record.'

WHITE, JOHN, Surgeon-General.

1790. Journal of a voyage to New South Wales, with sixty-five plates of nondescript animals, birds, lizards, serpents, etc. *4to.* pp. 10+299+ (35). 66 pl. (1 *vignette*). *append.* London.

The mammals of this famous voyage were described by John Hunter; other animals by G. Shaw.

WHITE, STEWART EDWARD.

1930. Quack! Quack! *folio.* pp. 20. *illustr.*

Philadelphia.

A popular but trustworthy paper in the *Saturday Evening Post*, May 10, 1930, giving an authentic account of the slaughter and attempted protection of American wild fowl.

WHITE, TAYLOR [1735-80].

Collection of about 800 portraits of animals, many birds, made by well-known 18th-century artists. See ORIGINAL DRAWINGS, COLLINS, CHARLES and others, p. 501.

WHITEAR, WILLIAM. 1824. See SHEPPARD, REVETT.

WHITEHEAD, CHARLES E. [1829-1903].

1891. (The) camp-fires of the Everglades. *4to.* pp. 12+298. 16 pl. 27 figs. Edinburgh.

WHITEHEAD, JOHN [1860-99].

1893. Exploration of Mount Kina Balu, North Borneo. (Appendix.) *4to.* pp. 12+317. 32 col. pl. *text-figs.* London.

The collections made during this classic expedition have been largely discussed and depicted in periodical literature. In the present record O. Thomas described the mammals; R. B. Sharpe and the author gave a full account of the birds, while F. Moquard discussed the reptiles and batrachians and L. Vaillant the fishes.

WHITING, CHARLES GOODRICH [1842-].

1903. Walks in New England. *8vo.* pp. 301. 24 pl. *T. of c.* London.

WHITING, JAMES E.

1898. Where wild birds sing, notes of a naturalist. *8vo.* pp. (8)+158. *T. of c.* London.

WHITLOCK, F. B.

1893. The Birds of Derbyshire; annotated with numerous additions by A. S. Hutchinson. *8vo.* pp. 6+239. 7 pl. *index.* London.

1897. The migration of birds; a consideration of Herr Gätke's views. *8vo.* pp. 6+140. London.

A frank critique of some speculations indulged in by Gätke in his *Heligoland, an ornithological observatory*, 1895.

WHITMAN, FRANK NUNN [1888-].

1920. Familiar studies of wild birds. *8vo.* pp. 85. 72 pl. *T. of c.* Boston.

WHITTOCK, NATHANIEL.

1830. The art of drawing and colouring from nature, birds, beasts, fishes, etc. *4to.* pp. 100. 48 pl. *T. of c.* London.

WHYMPER, CHARLES [1853-].

1909. Egyptian birds for the most part seen in the Nile Valley. *4to.* pp. 10+221. 51 col. pl. 11 figs. *index.* London.

An excellent, semi-popular treatise.

WHYMPER, EDWARD [1840-1911].

- ← 1901. Eighty-seven photogravures from drawings by Keulemans, Pailton and
Hullihan. ^{4to.} Fremantle.
- ← 1901. Natural history of Melbourne. Ed. by Miall + Fowler.
- ← 1902. Natural history of Melbourne. 123 illus. Ed. by P. Kearton.

1892. Travels amongst the Great Andes of the Equator. *8vo.* pp. 24+456. 21 pl. text *illustr.* 3 maps. Supplementary Appendix, 1891. *8vo.* pp. 22+147. 14 pl. London.

This interesting, systematic travelogue opens with an Introduction by H. W. Bates. Of vertebrate zoology only the reptilia and batrachia are described—by G. A. Boulenger. It is not easy to explain why the Supplement was published (apparently) a year before the main body of the work. There was a second (American) issue of the former issued in New York, dated 1892.

WHYTE, FREDERIC. 1907. See SCHILLINGS, C. G.

WICHMANN, ARTHUR [1851-].

1912. Nova Guinea. Uitkomsten der Nederlandsche Nieuw-Guinea Expeditie in 1903 onder leiding von Arthur Wichmann. Vol. 2, pt. 2. *folio. illustr. maps.* Title in French and Dutch. Leiden.

WICHMANN, CARL ERNST ARTHUR [1851- ?1925].

1906—date. Nova Guinea. Uitkomsten der Nederlandsche Nieuw-Guinea-Expeditie in 1903 etc. *4to. col. illustr.* Vol. I and continuations. Leiden.

About two volumes a year have been issued (in Dutch and French) of this voluminous and valuable record, which is really an account of three distinct exploratory expeditions into the wilds of New Guinea. The ethnography and anthropology were written by G. A. J. van der Sande and published in 1907 as vol. III, pp. 2+390, 79 col. pl., text-figs. and 1 map; freshwater fishes (vol. V, 1908, and vol. IX, 1913), by M. Weber; mammals by F. A. Jentink (vol. V, 1908, and vol. IX, 1909); reptiles by N. de Rooy, vol. V, 1909, and T. W. van Lidth de Jeude, vol. IX, 1911; amphibians by P. N. van Kampen, vol. IX, 1909; and birds by E. D. van Oort, vol. IX, 1909.

WICKMANN, HEINRICH.

1893. Die Entstehung der Färbung der Vogeleier. *8vo.* pp. 2+64. T. of c. Münster i. W.

An instructive monograph on the coloration of birds' eggs.

WICKS, JOHN B.

1897. My bird parishioners. St. Paul's parish, Paris Hill, N.Y. *16mo.* pp. 122. front. *index.* Utica, N.Y.

WIDEGREN, HJALMAR.

1862. Sveriges Salmonider. *10 pl.* Stockholm. A contribution to the study of Swedish salmon.

1863. Bidrag till kännedomen om Sveriges Salmonider. *8vo.* pp. 2+78. *illustr.* Stockholm.

1864. Nya bidrag till kännedomen om Sveriges Salmonider. *7 pl.* Stockholm.

**** and **HOLMGREN, A. E.**

[1867-71]. Handbok i zoologi. 2 vols. *8vo.* Del. 3. pl. *illustr. text.* Stockholm.

Devoted to Scandinavian fauna. See also HOLMGREN, A. E.

WIDMANN, OTTO and **COOKE, W. W.**

[1884?]. Bird migration on the Mississippi valley, &c. See COOKE, W. W.

1907. A preliminary catalog of the birds of Missouri. *8vo.* pp. 288. *bibliogr. index.* [St. Louis.]

The total number of species and subspecies is 383 of which 162 are breeders. The data regarding the former abundance and the extirpation of the Wild Pigeon and the Carolina Parakeet are fully given.

WIEDEMANN, C. R. W. 1800. See CUVIER, Baron.

WIEDERSHEIM, ROBERT ERNST EDUARD [1848-?1920].

1897. Elements of the comparative anatomy of vertebrates; adapted from the German by W. N. Parker. *8vo.* pp. 16+488. text-figs. London and New York.

One of the best works on the subject, by two eminent comparative anatomists. The original was published in 1883, the first American edition in 1886.

WIED-NEUWIED, Prince MAXIMILIAN A. P. ZU [1782-1867].

1820-1. Reise nach Brasilien . . . in 1815-17. 2 vols. *folio and 4to. illustr. atlas.* 22 col. pl. 3 maps. Frankfurt a. M.

In 1850 an appendix of pp. 4+144 was added to this report—an important document in the natural history of Brazil.

1822-31. Abbildungen zur Naturgeschichte Brasiliens. 90 col. pl. and text. *folio.* Weimar.

This excellent and finely colored Atlas of South American fauna was published both in German and French. The 15 parts (each with six plates) were issued at irregular periods.

1839-41. Reise in das innere Nord-America in . . . 1832-4. 2 vols. *4to and folio. with figs. in text and an atlas of 84 col. pl. 1 map* (Wanting.) Coblenz.

This travelogue, well known to systematic zoologists, was published in 20 parts. Vol. I has an appendix in which there is a list of winter birds appearing on the Wabash. In 1862 the author issued a catalogue (pp. 240, 4 pl.) of the mammals observed during this journey, and in 1865 a corresponding list of the reptiles, with pp. 141 and 7 col. pl.

WIEMAN, HARRY LEWIS [1883-].

1925. General zoölogy. *8vo.* pp. 9+312. 208 figs. glossary. *index.* New York.

An introductory course in Zoology, first edition.

WIEN. See VIENNA.

WIENER, AUGUST F.

1877-80. (The) illustrated book of canaries and cage-birds. See BLAKSTON, W. A.

n.d. Foreign cage-birds. (The foreign bird section of *Canaries and cage-birds.*) *4to.* pp. vii+345-444. 18 col. pl. *index.* London.

This excerpt has been provided with a distinctive title-page, index and table of contents, and forms a useful manual written in popular language by a competent author. The hand-colored plates are quite good.

WIENER MUSEUM DER NATURGESCHICHTE. See VIENNA. NATURHISTORISCHES STAATSMUSEUM.

WIEPKEN, C. F.

1878. Die Wirbelthiere des Herzogthums Oldenburg. *12mo.* pp. 5+281. *index.* Oldenburg.

A systematic, descriptive catalogue of the birds (pp. 34-228) of Oldenburg, a similar account being also given of the reptiles, amphibia, and fishes by Ed. Greve. This important little book is from the Cabanis-Reichenow collection. It is probably a rare item, not being listed in the *Cat. Br. Mus. (Nat. Hist.)*.

WIERZEJSKI, ANTONI.

1881. O faunie Jezior Tatrzaskich. *4to.* pp. 12. *illustr.* Krakow.

Author's excerpt from a Polish periodical.

1888. O niektórych pasorzytach raka rzecznoego. *8vo.* pp. 2+20. *illustr.* Krakow.

WIGAND, ALBERT.

1874-7. *Der Darwinismus und die Naturforschung Newtons und Cuviers. Beiträge zur Methodik der Naturforschung und der Speciesfrage. 3 vols. 8vo. pp. 462+515+320. Braunschweig.*

These philosophic volumes consider scientific research in its relation to Newton, Cuvier, and Darwin, their discoveries and the theories of specific origin they or their followers advocated. It all culminated in the great *Origin of Species* and the School of Evolution based upon its teachings. Wigand details at length the modifications in the Darwinian theory that were accepted at the end of the nineteenth century and the difficulties that stand in the way of their entire acceptance at a later date.

WIGLESWORTH, LIONEL W.

1892. *Aves Polynesiae. 4to. pp. 10+92. Dresden.*

This systematic treatise does not include the birds of Hawaii. It originally appeared in periodical form, the present title being an author's separate.

1898. (The) birds of Celebes and the neighbouring islands. See MEYER, ADOLF BERNARD.

WILBRAND, JOHANN BERNHARD [1779-1846].

1815. *Über die Classification der Thiere. pp. 156. illust. Giessen.*

A prize essay of the Haarlem Akademie that discusses and criticizes the *Systema Naturae* of Linnaeus.

WILBUR, HARRIETTE.

1920. *Bird gossip. 8vo. pp. 279. 26 pl. (col.). T. of c. Philadelphia.*

WILD, JOHN JAMES.

1878. At anchor; a narrative of experiences afloat and ashore during the voyage of H.M.S. 'Challenger' from 1872-1876. *folio. pp. 198. 13 col. pl. map. London.*

WILD BIRD INVESTIGATION SOCIETY, Journal.

1919-22. Irregular. Edited by W. E. Collinge, University of St. Andrews, Scotland. Vols. I-III. (All pub.)

Three numbers were issued when the *Journal* suspended publication in 1922. It was devoted chiefly to the preservation and protection of native British birds. Short papers were contributed by the Editor, George Abbey, L. T. Thornton, Miss Rintoul, and others.

WILD BIRDS AT HOME.

n.d. 2 vols. 12mo. First and Second Series. Anonymous.

WILDER, HARRIS HAWTHORNE.

1902. A synopsis of animal classification. *8vo. pp. 3+57. New York.*

WILD LIFE. (Missouri Fish and Game League.) 1917-20?

St. Louis.

WILD LIFE.

1913-18. An Illustrated Monthly, edited by Douglas English. Vols. I-X. *4to. illust. [? London.]*

WILD LIFE.

1908-9. Devoted to Field Sports, Natural History, and Game and Forest Preservation.

Endeavour, Wis.

THE WILEY AGRICULTURAL SERIES.

1925. See JONES, D. F.

WILHELM, GOTTLIEB TOBIAS [-1811].

1810. *Unterhaltungen aus der Naturgeschichte . . . Vögel. 2 pts. 8vo. col. pl. Wien.*

WILKES, CHARLES [1798-1877].

1845. *Narrative of the United States exploring expedition, 1838-42. See UNITED STATES EXPLORING EXPEDITION.*

WILKINSON, E. S.

1929. *Shanghai Birds. A Study of Bird Life in Shanghai and the Surrounding Districts. 4to. pp. 22+243. 23 col. pl. index. Shanghai.*

A very useful and well prepared systematic account of local Chinese birds.

WILLCOX, MARY ALICE [1856-].

1895. *Pocket guide to the common land birds of New England. 8vo. pp. 12+158. index. Boston.*

WILLETT, GEORGE.

1912. *Birds of the Pacific slope of southern California. (Pacific Coast Avifauna, No. 7.) 8vo. pp. 122. index. Hollywood, Cal.*

A well-annotated catalogue of 390 species, including 13 on the hypothetical list.

WILLEY, ARTHUR [1867-].

1894. *Amphioxus and the ancestry of the Vertebrates . . . with a preface by H. F. Osborn. 8vo. pp. 14+316. 1 pl. text-figs. New York.*

This important scientific contribution to the problems of evolution was also published as *Columbia University Biological Series*, No. 2.

1898-1902. *Zoological Results based on material from New Britain, New Guinea, Loyalty Islands . . . during 1895-7. 6 pts. in 2 vols. 4to. pp. 23+830. 90 col. pl. 1 map. figs. in text. Cambridge (Eng.).*

Although the above is a well-known and most valuable contribution to the faunal life of Oceania there are few sections on the vertebrates. However, G. A. Boulenger has written on two species of Snakes and W. P. Pyrcraft on the Megapodes.

1930. *Lectures on Darwinism. 8vo. pp. 198. 7 figs. and front. index. Boston.*

A masterly exposition by the Professor of Zoology in McGill University of the principles of evolution in the form of what the author speaks of as 'conversations rather than lectures'.

In whatever light the reader may regard these essays they may well be read—especially the interesting 'Gallery of Facts' (chap. XI) and the accompanying notes and references (pp. 163-89)—by every student of vertebrate zoology. It will be remembered that Professor Willey contributed to the literature of the subject an earlier (1911) brochure on *Convergence in Evolution* (with 12 illustrations) in which he also expressed original ideas on the subject.

WILLIAM OF SWEDEN, Prince.

1923. *Wild African Animals I have Known. 4to. pp. 14+315. 211 photos. ? London.*

A well-illustrated description of many interesting African birds, mammals, and reptiles.

WILLIAMS, GRAEME.

?1920. *Wonders by Land and Sea. 4 vols. 8vo. London.*

WILLIAMS, HENRY SHALER [1847-].

1895. *Geological biology. 8vo. pp. 20+395. New York.*

WILLIAMS, M. B. 1928. See CANADA. NATIONAL PARKS BRANCH.**WILLIAMSON, HENRY.**

1930. *Tarka the Otter, etc. 8vo. pp. 286. Leipzig.*

A sad but well-written story, giving the life-history and violent end of a European otter at the hands of his ancient enemies—dogs and men. An introduction is furnished by Sir John Fortescue. The Compiler has elsewhere taken the disgusting English otter-hunt as his text for denouncing all useless murders of animals by anybody wherever he (or she) may live or whatever station in life he (or she) may occupy.

→ Willoughby, Frank. 1886. Australian pictures drawn with
pen & pencil. Rd. Tract Soc. Lond. M.

WILLIAMSON, R. S. 1855-9. See UNITED STATES, Pacific Rd. Survey, p. 606.

WILLIBALD, E.

1854. Die Nester und Eier der in Deutschland und den angrenzenden Ländern brütenden Vögel. 12mo. pp. 2+142. 8 col. pl. 228 figs. T. of c.

Luckau.

First edition of a semi-popular but systematic, descriptive catalogue of the nests and eggs of middle and northern European birds. Several editions of this treatise have appeared; an identical reprint in 1874 and an enlarged edition in 1886.

1886. Die Nester und Eier der in Deutschland, etc. 12mo. pp. 4+180. 8 col. pl. 229 figs. Leipzig. An enlarged and amended third edition of this a popular work.

WILLIS, THOMAS [1621-75].

1672. De Anima Brutorum, etc. 8vo. [O. 4250.] London.

1684. Practice of Physick, etc. Two discourses concerning the Soul of Brutes. folio. [O. 4248.] London.

WILLISTON, SAMUEL WENDALL [1852-?1927].

1911. American Permian Vertebrates. 8vo. pp. 145. 39 pl. illust. in text. Chicago.

A systematic treatise on American vertebrate paleontology, published by the Chicago University Press.

1914. Water Reptiles of the Past and Present. Chicago.

A popular work presented in an interesting fashion.

1925. Osteology of reptiles. (Wanting.)

WILLUGHBY, FRANCIS [1635-72].

1676. Francisci Willughbeii ornithologiae libri tres; totum opus recognovit, digessit, supplevit Joannes Raius. folio. pp. 10+307+15. 77 pl. index. Londini.

One of the most important treatises on ornithology of all time, being the first systematic classification of the birds of the world. The work was not completed by Willughby; that task, with the author's incomplete manuscript as a basis, having been undertaken by John Ray with the aid of funds provided by Willughby's widow. The treatise is divided into three sections, birds in general, land birds, and water birds, to which is added an appendix on birds of doubtful origin. A *Catalogus Avium Britannicarum* occupies pp. 17-23, and a folding inset (p. 25 bis) gives an *Avium terrestrium tabula*. The volume in hand is a 'Large Paper Copy' described by Mullens and Swann 'as printed on thick and fine paper; size of a cut copy 15½ x 9½. Title reset and printed in red and black, with addition, after "Johannes Raius", of the words "Sumptus in Calceographos fecit Illustriss D. Emma Willughby, Vidua"'. The copy in hand, 'Widow's edition', bearing the Willughby arms, was bound by Roger Payne and was known as the Woodhull Copy. It is now in the E.S.W. Library. See also RAY, JOHN.

1678. The ornithology of Francis Willughby . . .

In three books. Wherein all the birds hitherto known . . . are accurately described. Tr. into English, with many additions. To which are added, three considerable discourses, I. Of the art of fowling: with a description of several nets in two large copper plates. II. Of the ordering of singing birds. III. Of falconry. By John Ray. folio. red and black l-p. pp. 12+441+6. 80 pl. 99 col. figs. of birds. 97 col. backgrounds. London.

A translation of Willughby's *Ornithologia*, edited by John Ray, with three added plates. There is also an appendix which should really be credited to Nieremberg and not to Hernandez. There are two copies of this fundamental and classical treatise in the McGill libraries, an ordinary copy (except that 99 figures of birds and 97 backgrounds are colored) and one from the famous library of the celebrated diarist, Samuel Pepys. This second, unique copy has the illustrations hand-colored and the pages red-lined. It is bound in contemporary leather, bears the Pepys gilt coat-of-arms on the cover and the diarist's bookplates on the first and last page. In all probability this specially prepared copy was presented to Pepys when he was President of the Royal Society by his friend and fellow member, John Ray, both being sympathetic naturalists. In any

event, it is the only known colored copy of the English edition, London, 1678. The book was purchased by the previous owner from a family named Hallows. We know that Brabazon Hallows married Anne Jackson, the daughter of Pepys' heir, Samuel Pepys left by will his wonderful Diary and all his books to Magdalen College, Cambridge, but this volume seems to have escaped the notice of the executors, or they may have given it as a duplicate to a relative. The diarist makes a number of allusions to his collection of books, of which he was very proud. In this connection it is to be remembered that the corresponding work on Fishes, 1686, was dedicated by the editor, John Ray, to his friend Samuel Pepys. The copy in Cambridge *Bibliotheca Pepysiana* has the plates uncolored, and the pages are not decorated.

1685. Icthyographia ad Amplissimum virum Dnum. Samuelem Pepys, Praesidem Soc. Reg. Londinensis concilium. et Socios ejusdem. folio. pp. 5+343+30+13. 188 pl. Londini.

The copy in hand is a fine example of the first large English work on ichthyology. Engraved frontispiece and 184 full-page copper engravings, showing every kind of fish. These plates were engraved by Paul van Somers at the expense of various members of the Royal Society, including Samuel Pepys, Sir Christopher Wren, and Fernandez Mendez. This is the first issue of these plates. They were published a year later with a Latin text.

WILLUGHBY SOCIETY PUBLICATIONS.

1880-4. Reprints of rare ornithological works. Complete set of 12 pts. 4to and 8vo. London.

The volumes reprinted by this most useful Society are many of them on subjects of great interest to the zoologist. It is proposed here to list those that are in the McGill libraries, especially the Blacker and E.S.W. collections. All of the originals are of extreme rarity, a few of them, however, being on the shelves of McGill. Individual titles, in particular those of original copies, will also be found under authors' names in this Catalogue. The Compiler is indebted to the *Cat. Zool. Library, Br. Museum*, for the extended titles.

1880. Tunstall's Ornithologia Britannica. Edited by A. Newton. 8vo. pp. 4+2+4. illust. text.

1880. Desfontaine's Mémoire sur quelques nouvelles espèces d'Oiseaux des Côtes de Barbarie. Edited by A. Newton. 8vo. pp. 4+496-505. 7 pl.

1880. Sir A. Smith's Miscellaneous Ornithological Papers. Edited by O. Salvin. 4to. pp. 6+127.

1882. Forster's Catalogue of the Animals of North America, or Faunula Americana (1771).

1882. [1793]. Lichtenstein's Catalogus Rerum naturalium Rarissimarum. Edited by W. B. Tegetmeier and by F. Du Cane Godman. 8vo. pp. 4+11+60.

Dr. Charles W. Richmond has drawn the Compiler's attention to the fact that there were two independent editors of this rare tract. Both reprints are dated 1882, one edited by W. B. Tegetmeier, F.Z.S. (printed by Horace Cox, 10 Wellington St., Strand, W.C.), and the other by F. Du Cane Godman, F.R.S. (printed by Taylor and Francis, Red Lion Court, Fleet St.). Tegetmeier signed his preface but Godman did not. The prefaces are quite different; Dr. Richmond does not know why two editions were published, both under the auspices of the Willughby Society. Mr. England, Librarian of the Zoological Section, British Museum, has drawn attention to the following extract from *A Veteran Naturalist, Life and Work*; W. B. Tegetmeier, by E. W. Richardson, p. 200, 1916, London: 'When the Willughby Society was formed by members of the British Ornithologists' Union, with the object of reprinting rare and important ornithological works, he [Tegetmeier] undertook the duties of general editor, and himself contributed two volumes to the series, viz. Boddaert's *Table des Planches Enluminées d'Histoire Naturelle* (1783), and, in 1882, Lichtenstein's *Catalogus Rerum Naturalium Rarissimarum* of 1793.' The Tegetmeier edition (very rare) was probably withdrawn because, as Mr. Harting found, of a number of errors in the transcript.

1882. Forster's Animals of Hudson's Bay. Edited by P. L. Sclater. 8vo. pp. 4+53.

1882. Scopoli's Ornithological Papers from his *Deliciae Florae et Faunae Insubricae* (Ticini: 1786-1788). Edited by A. Newton. 4to. pp. 4+20.

1882. Leach's Systematic Catalogue of the specimens of the indigenous Mammalia and Birds in the British Museum. Edited by O. Salvin. 4to. pp. 4+42+1.

[**WILLUGHBY SOCIETY PUBLICATIONS**
(*contd.*)]

1883. Vieillot's Analyse d'une nouvelle Ornithologie élémentaire (1816). Edited by H. Saunders. 8vo. pp. 4+70.

1883. Adouin's Explication sommaire des Planches d'Oiseaux de l'Égypte et de la Syrie publiées par J. C. Savigny.

1883. Barton's Fragments of the Natural History of Pennsylvania. Edited by O. Salvin. 4to. pp. 18+24.

1884. Wagler's Six Ornithological Memoirs from the 'Isis'. Edited by P. L. Sclater. 8vo. pp. 4+137.

WILMORE, A. and others.

1925. The natural history of Hertfordshire. 8vo. pp. 8+152. 16 pl. 12 figs. *append. glossary. index.* London.

WILSER, LUDWIG [1850-1924].

1910. Leben und Heimat des Urmenschen. 8vo. pp. 93. *illustr.* Leipzig.

WILSON, ALEXANDER [1766-1813] and ORD, GEORGE.

1808-14. American ornithology; or, The natural history of the birds of the United States. 9 vols. *folio*. Vol. I, pp. 6+158. 9 col. pl. *index*. Vol. II, pp. 12+167. 9 col. pl. *index*. Vol. III, pp. 16+120. 9 col. pl. *index*. Vol. IV, pp. 12+100. 9 col. pl. *index*. Vol. V, pp. 12+122. 9 col. pl. *index*. Vol. VI, pp. 20+102. 9 col. pl. 2 *indexes*. Vol. VII, pp. 12+132. 9 col. pl. *index*. Vol. VIII, pp. 11+146. 9 col. pl. 2 *figs. index*. Vol. IX, pp. 57+133+(22). 4 col. pl. 2 *figs. 3 indexes.*

Philadelphia.

Wilson's life-work, the importance of which can be judged from what Coues wrote: 'Science would lose little, but, on the contrary, would gain much, if every scrap of pre-Wilsonian writing about United States birds could be annihilated.' Vols. I-VII appeared during the life of the author; vol. VIII, edited by Ord, was published the year after his death, and vol. IX, with four plates left by Wilson but with text written by Ord from personal observations and notes left by Wilson, completed the work the same year. Several editions appeared later under various editors. There probably has never been an American treatise on zoology so thoroughly exploited and out of which so many composite works have been fashioned—so many veritable cold literary dishes—as Wilson's *Ornithology*. Most of these are in the E.S.W. Library and will receive attention here.

**** and **ORD, GEORGE.**

1828-9. American ornithology; or, the natural history of the birds of the United States. 3 vols. *text. 1 vol. atlas. 8vo.* Vol. I, pp. 199+230. 2 *figs.* Vol. II, pp. 6+456. Vol. III, pp. 6+396. 2 *figs. index.* Vol. IV (atlas), 76 col. pl.

New York and Philadelphia.

The first (1808-14) edition arranged in the systematic sequence of the species, not in the irregular order of the original work. The editor states that he 'has adhered to the original text, correcting only some erroneous references, and a few verbal inaccuracies, most of which were probably typographical errors'. However, much new matter is added in the form of footnotes, some signed G. Ord; others are unsigned. The sketch of Wilson's life in the present edition has been extended. The hand-colored drawings in the atlas are from the original copper plates, colored anew by pigments which seem to have been of better quality than those used by Wilson. In the copy under notice, the colors are very fresh; those of the original are faded and in some cases quite disintegrated. There appears to be also some differences between the coloration of the originals and that of the copy.

1829. American Ornithology; or, The Natural History of the Birds of the United States. The

Volume of Plates containing 76 full-page engravings coloured from original drawings taken from nature. 1 vol. 4to. New York.

This is the Atlas of the 1828-9 edition sold separately, as it sometimes was. It is a fine copy with the plates in good condition.

****, **JAMESON, ROBERT, and others.**

1831. American ornithology; or The natural history of the birds of the United States. 4 vols. 8vo. Vol. I, pp. (2)+96+271. *front. (portr.). 1 pl.* Vol. II, pp. 9+334. *front.* Vol. III, pp. 8+320. *front.* Vol. IV, pp. 10+362. *front. T. of c.* Edinburgh.

Vols. I-III are a reprint of Wilson's 1808-14 edition rearranged with occasional editorial notes by Jameson. Reference is given under each species to the number of Wilson's original plates, but the synonymy is transferred to a separate place at the end of vol. III where it is arranged in the order adopted for the text. A sketch of the life of Wilson is given in vol. I by W. M. Hetherington. Vol. IV (pp. 1-217) contains a reprint of the first three volumes of Bonaparte's *American Ornithology*, 1825-33, with the synonymy transferred to pp. 219-38. On pp. 241-4 there is a catalogue of the species described and figured by Audubon in his *Ornithological Biography*, 1831-9, and *Birds of America*, 1827-38. The remainder of the volume consists of extracts made from the proof-sheets of Richardson and Swainson's *Northern Zoology*, 1832, including the diagnoses of numerous new species, and with annotations after other authors. The work forms vols. LXVIII-LXXI of *Constable's Miscellany*. Coues notes his copy as without any other illustration than the portrait of Wilson in vol. I, but the present set, like that in the Ayer Library, has an engraved plate in each volume in addition to the portrait in the first volume. The publishers' advertisement in vol. I announces the publication of part I of Captain Thomas Brown's *Illustrations of American Ornithology* as a companion to the four volumes of letterpress here collated.

****, **JAMESON, ROBERT, and others.**

1831. American ornithology; or, The natural history of the birds of the United States. 4 vols. 8vo. Edinburgh.

An impression of the earlier 1831 edition. The present copy differs but little from it; for example, each volume lacks the printing 'Constable's Miscellany', the place of publication is lacking at the head and foot of each plate, and so on. Otherwise the two printings are identical.

****, **BONAPARTE, CHARLES LUCIEN, and JARDINE, WILLIAM.**

1832. American ornithology; or, The natural history of the birds of the United States. 3 vols. 8vo. Vol. I, pp. 107+408. 28 pl. (*col. by Wilson*). Vol. II, pp. 7+390. 33 pl. (*col.*). Vol. III, pp. 8+523. 16 pl. (*col.*)+27 pl. (*col. by Titian R. Peale and A. Rider*). 2 *figs. index.*

London and Edinburgh.

Vols. I and II and Vol. III to p. 257 are reprints of Wilson's original *American Ornithology*, 1808-14, including vol. IX by Ord, with notes by Jardine; vol. III, pp. 259-507, is a reprint of the first three volumes (all then published) of Bonaparte's *American Ornithology*, 1825-33, with the subtitle *Continuation of Wilson's American Ornithology*. The original plates of both authors were re-engraved by Lizars on a smaller scale and hand-colored except for the backgrounds which were left plain. Vol. I, pp. ix-cvii, has a life of Wilson by Jardine.

1840. Wilson's American Ornithology, with Additions Including the Birds Described by Audubon, Bonaparte, Nuttall, and Richardson. 1 vol. 12mo. pp. 8+746. 25 pl. 2 *figs.* Boston.

This is the first Brewer's edition, to which he appends a *Synopsis*, and a systematic, descriptive list of 491 species not in the previous Wilson treatise. Several reprints of this fundamental volume have been made.

1843. Memoir of Alex. Wilson. See JARDINE, WILLIAM. Birds of Great Britain and Ireland, Pt. 4. 8vo. 1843; also in the second issue, 1845-6.

1853. Wilson's American Ornithology, with notes by Jardine: to which is added a *Synopsis of American Birds* . . . by T. M. Brewer. 1 vol. 12mo.

¹⁸³⁸
Wilson, Alexander. *The Forester*. A poem descriptive of a pedestrian
journey to the Falls of Niagara in the Autumn 1804.

16 mo, original sheep, 14 1/2 104.

West Chester, Pa.

→ Wilson, A. 1891. Glimpses of nature. 8vo. 247 pp. 35 illus.

→ 1831. Illustrations of zoology, being representations of new, rare, or remarkable subjects of the animal kingdom, drawn & coloured after nature...
pp. iv(ii), 4 + [138] 36 col. pls. Edinburgh.

col. title. pp. 8+746. 25 pl. (1 col.). 2 figs. in text. (Wanting.) New York.

The text of this second Brewer edition is an exact reprint of the 1840 edition. There is some difficulty about establishing the date of the issue; there may have been several differently dated title-pages published. The Br. Mus. (Nat. Hist.) Library has one dated 1854, while Coues gives the date of the reissue as 1852.

1854. Wilson's American Ornithology, with notes by Jardine: to which is added a Synopsis of American Birds, etc. By T. M. Brewer. N.Y. T. M. Magnagnos & Co., 16 Beekman St. 8vo. pp. 8+746. extra col. and gilt t.-p. and front. Copyright dated 1839. 322 plain figs. in text.

This rare variant (not in the *Cat. Br. Mus. (Nat. Hist.)* or Library) has two title-pages, the major one (colored and gilt) reading Wilson's American Ornithology with Additions including the Birds described by Audubon, Bonaparte, Nuttall, & Richardson. New York. T. L. Magnagnos & Co. 16. Beekman St., n.d. MS. notes on back. The text is otherwise identical with the usual edition. The Compiler is indebted to Dr. Chas. W. Richmond for this rarissima and for notes on the work itself.

****, BONAPARTE, CHARLES LUCIEN, and others.

1876. American ornithology; or, The natural history of the birds of the United States; the illustrative notes and life of Wilson by Sir William Jardine. 3 vols. 4to. Vol. I, pp. 105+408. front. (portr.). 27 pl. (col. by Wilson). Vol. II, pp. 7+495. 41 pl. (col. by Wilson). Vol. III, pp. 7+540. 8 pl. (col. by Wilson)+27 (col. by Titian R. Peale and A. Rider). 2 figs. index. London.

The present edition—to p. 400 of vol. III—copies the text of the 1832 Jardine edition of Wilson and Bonaparte, whilst the remainder is a copy of the fourth volume of Bonaparte's *American Ornithology*, 1825-33, without the editorial annotations, which had not been published at the date of the earlier work. The plates are mainly those of the 1832 edition. Their coloring is exaggerated and not a close copy of the originals.

****, BONAPARTE, CHARLES LUCIEN, and others.

1877. American ornithology; or, The natural history of the birds of the United States [with] illustrative notes and life of Wilson by Sir William Jardine. 3 vols. 8vo. New York.

The text of the present (New York) edition is printed from the same plates as the 4to edition of 1876. The colored plates are poor chromolithographic reproductions of the engravings by Lizars and others in the same issue.

****, BONAPARTE, C. L., and BAIRD, S. F.

1878. American ornithology. Popular ed. 3 vols. in 1. 8vo. Vol. I, pp. 132+16+214. 28 pl. Vol. II, pp. 8+390. Vol. III, pp. (2)+9+426. 2 figs. index. Philadelphia.

A composite reprint, consisting of Ord's (1828-9) edition of Wilson's text, including Ord's biography of the author, and (vol. III, pp. 135-408) Bonaparte's *American Ornithology*, 1825-33, vols. I-IV, with the prefaces to the first three volumes. A combined index is given at the end of the work. The plates consist of zinc etchings after the original drawings of Wilson's and Bonaparte's works, reduced and modified by the omission of backgrounds, etc., and usually combined, four to the page. The original numbers are retained for the component drawings, those of Bonaparte being distinguished by the insertion of the letter B. Vol. I, pp. i-xvi, contains a *Catalogue of North American Birds* by Baird, reprinted from the 1859, 8vo ed. of the original matter first published in vol. IX of the *Pacific Railroad Surveys*. This edition is in its turn a reprint of a five-vol. issue by the same publishers in 1871, 3 vols. text and 2 vols. colored plates. The pagination appears to be the same, although the colored plates have been replaced by cheaper illustrations. The present issue is reviewed in the *Bulletin of the Nuttall Ornithological Club*, 1879.

WILSON, ANDREW [1852-1912].

1879. Leisure-time studies, chiefly biological. A series of essays and lectures. 1st ed. 8vo. pp. 15+381. 68 figs. New York.

1882. Nature Studies. See PROCTOR, R. A.

1882. Wild animals and birds; their haunts and habits. 8vo. pp. 9+192. 46 pl. 35 figs. T. of c. London.

1883. Chapters on evolution. 2nd ed. 8vo. pp. 15+383. illust. London.

WILSON, EDWARD ADRIAN.

1899-1901. See ORIGINAL DRAWINGS. Southern Cross Antarctic Expedition.

1902. See BR. MUS. (NAT. HIST.).

1907-date. See BR. MUS. (NAT. HIST.) VOYAGE 'DISCOVERY'.

WILSON, JAMES [1795-1856].

1839. An introduction to the natural history of birds, being the article 'Ornithology' from the seventh edition of the Encyclopaedia Britannica. 4to. pp. 105. 135 text-figs. 16 pl. index. Edinburgh.

Although this is a reprint yet it is provided with a new title-page and makes a useful separate, giving a very practical, illustrated review of ornithology to date.

WILSON, SCOTT BARCHARD and EVANS, A. H.

1890-9. Aves hawaiienses: the birds of the Sandwich Islands. folio. pp. 25+257. 72 pl. (64 col.). index. London.

This well-known monograph appeared in eight parts, and forms a model account of local avifauna. A complete history of Hawaiian birds is given, with native names, notes on distribution, synonymy, habits, etc. Prof. Hans Gadow contributed an illustrated paper on the *Drepanididae*. The copy in hand has the original, dated wrappers bound in. Part VIII contains table of contents, list of plates, and index.

WILSON BULLETIN. (Wilson Ornithological Club; Nebraska Ornithologists' Union.)

1859-1930. Oberlin, O., Sioux City, Ia.

1889-91. As Ornithologists' and Oologists' Semi-Annual.

1892. As Wilson Quarterly.

1893. As Journal of the Wilson Ornithological Chapter of the Agassiz Association.

The Wilson Club was founded in 1858, and in 1859 the Bulletin appeared.

Under various names this magazine is one of the most important as it is one of the oldest American periodicals devoted to Ornithology. It has had a vigorous scientific existence of over 70 years, and the list of its contributors includes most of the competent writers on avian subjects in America.

WILSON ORNITHOLOGICAL CHAPTER.

See ORNITHOLOGISTS' AND OOLOGISTS' SEMI-ANNUAL.

WILSON ORNITHOLOGICAL CLUB. See

WILSON BULLETIN.

WILSON QUARTERLY, a journal of ornithology;

official organ of the Wilson ornithological chapter of the Agassiz association. 8vo. Oberlin.

A continuation of the *Ornithologists' and Oologists' Semi-annual*, continued as the *Wilson Bulletin* (q.v.).

WILTSHIRE ARCHAEOLOGICAL AND NATURAL HISTORY MAGAZINE.

1854-1907. Vols. 1-35. (? All pub.) Devizes.

WIMEREUX, STATION ZOOLOGIQUE.

1877-date. Travaux. Pas-de-Calais.

WINCHELL, ALEXANDER [1824-91].

1870. *Sketches of Creation*. 12mo. pp. 439. *illustr.* New York.

One of the best-written popular works on faunal evolution yet published. It passed through several editions, including a 1928 reprint.

WINCHESTER COLLEGE NATURAL HISTORY SOCIETY.

1871-1913. Report.

WINGE, ADOLF HERLUF [1857-].

1894. *Fuglene ved de danske Fyr*. 8vo. ?Kjøbenhavn.

Two volumes of a very useful periodical, elsewhere annotated.

1898. *Grønlands Fugle*. (Conspectus Faunae Groenlandicae. Aves.) 8vo. pp. 316. *map.* Kjøbenhavn.

A well-known systematic work on the birds of Greenland by a trained ornithologist. A separately published, repaged paper from vol. XXI of *Meddelelser om Grønland*.

1902. *Grønlands Pattedyr*. (Conspectus Faunae Groenlandicae. Mammalia.) 8vo. pp. 205. *map.* Kjøbenhavn.

1906. *Jorgfundne og nulevende Hovdyr . . . Brasilien*. 4to. pp. 237. 9 pl. Kjøbenhavn.

On the Ungulata of Brazil. One of several separately bound papers from the publications of the Danish *Zoologiske Museum*, on various Brazilian natural history subjects.

1923-4. *Pattedyr-Slaegter*. 3 vols. Kjøbenhavn.

1925-6. *Danmarks Fugle*. See SCHIÖLER, E. LEHN.

WINKLER, VALENTINE.

[1920]. The value of birds to agriculture. See CANADA. DOMINION PARKS BRANCH.

WINSLOW, HELEN M.

1900. *Concerning Cats*. 8vo. pp. 284. *illustr.* Boston.

WINTERTHUR. Naturwissenschaftliche Gesellschaft.

1899-1927. *Mitteilungen*. 8vo.

WINTLE, ERNEST D. [1852-1917].

1896. *The birds of Montreal*. Birds observed in the vicinity of Montreal, Province of Quebec, Dominion of Canada, with annotations as to whether they are 'permanent residents' or those that are found regularly throughout the year . . . data of nests and eggs when found, and especially noting the species that breed in the city and Mount Royal Park; also data of migratory arrivals and departures, and other notes, from original observations made during fifteen years. 8vo. pp. 14+281. 5 pl. *index.* Montreal.

An annotated list of 254 species, with brief descriptions of status, nidification, etc., pp. 1-214. Pp. 229-74 with special title-page, contain a series of *Original Sporting Sketches compiled by David Denne*, 1895, followed by the Provincial fish and game laws for 1896, in French and English, pp. 275-81. The present copy is a presentation to a Governor of McGill University, autographed by the author.

WINTON, W. E. DE.

1902. *Zoology of Egypt*. See ANDERSON, J.

WISCONSIN AUDUBON SOCIETY. 1898-

1914. See BY THE WAYSIDE.

WISCONSIN NATURAL HISTORY SOCIETY. (Founded 1857.)

1858-82. *Jahresbericht*. (All pub.)

1884-8. *Proceedings*. (All pub.)

1889-96. *Occasional Papers*.

1900-30. *Bulletin*.

WISCONSIN NATURALIST. Madison.

1890-1. (All pub.)

WIS- EN NATUURKUNDIG TIJD-

SCHRIFT. (Vlaamsch Natuur-, wis- en Geneeskundig Congres.) 1921-date. Ghent.

WISHART, G. M.

1931. *Groundwork of Biophysics*. 8vo. pp. 344. London.

WISSENSCHAFTLICHE ERGEBNISSE DER DEUTSCHEN GRAN-CHACO-EX- PEDITION 1925-26.

1930. 8vo. Stuttgart.

The report of a very important natural history expedition to Argentina, Bolivia, and Paraguay. The account of the birds is published in 22 parts, 43 plates, and 13 text-figures by Dr. Alfred Laubmann. A volume devoted to other vertebrate classes is in course of preparation.

WISSENSCHAFTLICHE FORSCHUNGS- BERICHTE. Dresden.

1921-date. *Naturwissenschaftliche Reihe*.

WISSENSCHAFTLICHE MEERESUN- TERSUCHUNGEN. Helgoland.

1871-91. Vols. 1-21.

1894-date. *New series*.

WISTAR INSTITUTE OF ANATOMY AND BIOLOGY. See JOURNAL OF MORPHOLOGY AND PHYSIOLOGY.**WITCHELL, CHARLES A.** [d. 1907] and **STRUG- NELL, W. BISHOP.**

1892. *The fauna and flora of Gloucestershire*. 8vo. pp. 24+301. 10 pl. 5 figs. 2 indexes. Stroud.

1896. *The evolution of bird-song*. 8vo. pp. 10+253. *append. bibliogr. index.* London.

1899. *Cries and call-notes of wild birds*. 12mo. pp. 11+84. *index.* London.

WITHERBY, HENRY FORBES [1873-].

1894. *Forest Birds: their Haunts and Habits*. 8vo. pp. 98. 8 pl. *text-figs.* London.

1902. *Bird hunting on the White Nile; a naturalist's experiences in the Soudan*. 8vo. pp. 12+117. *front. 24 figs. 2 append. index.* London.

A very interesting account of Egyptian bird life, having been reprinted with slight alterations from *Knowledge*, 1901.

1912. (A) *hand-list of British birds*. See HARTERT, E.

[1913]. *The sequence of plumages of the rook*. With special reference to the moult of the 'face'. 8vo. pp. 14. 7 pl. London.

Author's reprint.

****** and others.**

1919-24. *A practical handbook of British birds*. 2 vols. 8vo. Vol. 1, pp. 16+532. 17 pl. (6 col.). 196 figs. *glossary. 2 indexes.* Vol. 2 (Pt. 1), pp. 12+448. 6 pl. (2 col.). 122 figs. (Pt. 2), pp. 449-959. 7 pl. (2 col.). *index.* London.

A comprehensive manual of British ornithology with descriptions of different plumages, measurements, habits, distribution, migration, *glossary of terms, keys to the species, etc.* The text is by various authors, each of whom is responsible for certain sections. The work was published in 18 parts. In the copy from the E.S.W. Library the covers of parts 9-18 are bound in.

> [1898] Winchell A. Sketches of Creation. 8vo. pp. 459. illust. N. Y. index.

→ Winnall, R. N. and Yeates, G. K. 1932. Bird Haunts in Wild
Britain. Illust. London.

→ Wittouck, J. 1905. La Colombophilie moderne. 3^d ed. 400p., fig. Bugeo.

Wolffhart, Conrad. 1557. Prodigiorum Chronicon. (fragment) pp. 116
animal woodcuts. Basel. See also Lyeosthenes, Conradus.

1924. A check-list of British birds. *8vo.* pp. 6+78. London.

A reprint of pp. 903-36, Witherby's *A Practical Handbook*, printed on one side of the sheets only, leaving room for notes and remarks, etc. The list registers 496 forms, representing 418 species.

→ **WJESTNIK PTIZEWODSTWA.** Russian. Title in German: *Zeitschrift für Vogelzucht.* (?)1897-1916. Monthly. *8vo.* Suspended? From *Nat. Novitates*: 1897-1916; each year 12 monthly parts. St. Petersburg.

WOBURN LIBRARY OF NATURAL HISTORY.

1903-4. Edited by the Duke of Bedford. *5 vols.*

Three volumes of this admirable series are on vertebrate zoology: British Mammals by Sir Harry Johnston, 1903; British Freshwater Fishes by Sir H. Maxwell, 1904; and British Salt-water Fishes by F. G. Afalo, 1904. All these are in the Blacker Library of Zoology.

WOCHENSCHRIFT FÜR VOGELZUCHT.

See PTIZEWODSTWO, etc.

WOLCOTT, ROBERT HENRY.

1904. (A) preliminary review of the birds of Nebraska. See BRUNER, L.

WOLF, JOHANN [1765-1824] and **MEYER, B.**

1805-21. *Naturgeschichte der Vögel Deutschlands*, etc. *2 vols. and atlas. folio. 176 col. pl.* (Wanting.) Nürnberg.

This elaborate and well-illustrated treatise was issued in 29 parts of six plates each. Additional parts were in preparation. It is quite rare.

**** and **MEYER, B.**

1810. *Taschenbuch der deutschen Vogelkunde.* See MEYER, B.

1816-22. *Abbildungen und Beschreibungen merkwürdiger naturgeschichtlicher Gegenstände.* *2 vols. 4to. 72 col. pl.* Nürnberg.

The McGill copy is incomplete.

1822. *Zusätze zu dem Taschenbuch der Deutschen Vogelkunde.* *3 Theile. 8vo.*

WOLF, JOSEF [1820-99].

1854. *Feathered favourites*, twelve coloured pictures of British birds. *8vo. pp. (6)+54. 12 pl. (col.).* London.

Good examples of the work produced by this master of animal portraiture. A few of the numerous volumes that he illustrated are mentioned in this *Catalogue*.

1861-7. *Zoological Sketches.* Edited by D. W. Mitchell and P. L. Sclater. *folio. 50 col. pl.* London.

There are two series of this Atlas (with its descriptive text) by an illustrator who is generally regarded as the most artistic of British animal painters. The subjects are in this instance from the London Zoo.

ca. 1870. See ORIGINAL DRAWINGS. WOLF, JOSEPH.

**** and **ELLIOT, D. G.**

1874. *The life and habits of wild animals.* With descriptive letter-press by Daniel Giraud Elliot. *4to. pp. (10)+72. 20 pl. T. of c.* London.

The copy in hand is of the large paper edition and contains the (last) fine series of illustrations drawn by this noted artist.

1895. *Life of Josef Wolf.* See PALMER, A. H.

WOLFENDEN, RICHARD NORRIS. 1909. See CHALLENGER SOCIETY.

WOLF-HARNIER, EDUARD.

[1910]. *Gefiederte Baukünstler; Charakterschilderungen aus der Vogelwelt, mit besonderer Berücksichtigung der Nestbauart der Vögel.* *8vo. pp. 7+150. 3 pl. (col.). 36 figs. T. of c.* Leipzig.

WOLLASTON, ALEXANDER FREDERICK RICHMOND [1875-].

1912. *Pigmies and Papuans*, with Appendix on Birds. ? London.

1916. Reports on the collections made by the British ornithologists' union expedition and the Wollaston expedition in Dutch New Guinea. See BRITISH ORNITHOLOGISTS' UNION EXPEDITION.

1921. *Life of Alfred Newton*, professor of comparative anatomy, Cambridge university, 1866-1907. *8vo. pp. 15+332. 5 pl. (portr.). append. index.* London.

This life of the famous ornithologist, by one of his pupils, was not completed until 1921. Newton was an indefatigable worker and writer as may be judged from the appendix, pp. 316-24, which contains a list of his published papers.

WOLLEY, JOHN [1823-59] and **NEWTON, ALFRED.**

1864-1907. *Ootheca Wolleyana: an illustrated catalogue of the collection of birds' eggs*, begun by the late John Wolley, jun. . . . and continued with additions, by the editor, Alfred Newton. *2 vols. 8vo.* Vol. I, pp. 39+531. 26 col. pl. 1 fig. (portr.). index. Vol. II, pp. 6+665+96. 11 col. pl. 1 map. 2 figs. index. append. London.

This famous work was issued in four parts.

WOLSTENHOLME, DEAN [1757-1837].

1852-1915. [Pigeons; a scrapbook including engravings by Dean Wolstenholme, and various pictures and articles on pigeons by others.] *folio. 16 pl. (col.). 38 figs.* [London.]

The first 12 plates are fine portraits of fancy pigeons by D. Wolstenholme; the other pictures are taken from the *Fanciers' Gazette* and *Feathered World*.

WONDERS OF THE WORLD (THE).

n.d. *A Popular and Authentic Account of the Marvels of Nature and of Man*, by Sir Harry Johnston and others. *2 vols. 4to. 26 col. pl. 976 pl. (photos.).* London.

WOOD, CASEY ALBERT [1856-] and **SLONAKER, JAMES ROLLIN.**

1915. *The eyelids and lachrymal apparatus of birds.* *8vo. pp. 18. 11 figs.* Chicago.

The results of these researches were first reported to the *Ophthalmological Congress at Oxford*, in July 1914, and published in Casey Wood's *American Encyclopedia of Ophthalmology*, July 1915. The present paper is an author's reprint.

1917. *The fundus oculi of birds*, especially as viewed by the ophthalmoscope; a study in comparative anatomy and physiology. Illustrated by 145 drawings in the text; also by sixty-one colored paintings prepared for this work by Arthur W. Head. *folio. pp. 5+180. 61 col. pl. 145 text-figs.* Chicago.

The above is thus appraised by Zimmer (*Ayer Cat.*, p. 689): "A most important monograph on the eyes of birds, describing "the conditions found in such birds (especially in living birds) as are most likely to be useful in a study of comparative ophthalmology"; a "description of the intraocular appearances and the methods employed in viewing them". In preparing the monograph, the author examined the eyes of some representative of almost all of the different orders of birds, and the descriptions and excellent figures and plates describe and illustrate the results of this comparative study." See also ORIGINAL DRAWINGS. HEAD, A. W.

[WOOD, C. A. (contd.)]

1919. The Eyes of the Burrowing Owl. *Svo.* pp. 25. *1 col. pl.* New York.

Author's reprint from *Contributions to Medical and Biological Research*, dedicated to Sir William Osler on his seventieth birthday.

[1920-7]. Material for a work on the birds of Fiji. *4to.* (165 l.). n.p.

Manuscript notes and typewritten material (attached to 165 leaves of bound scrap-book) together with 22 photographs of paintings of Fiji birds and five snapshots of a collecting trip in 1923.

1922. My quest of the British nightingale. *4to.* pp. 40. n.p.

A MS. account with newspaper clippings from British and American papers of the writer's journey to England to make a study of the nightingale in his native haunts, as did before him John Burroughs and after him Joseph Bock and others. Two poems from *Punch* on the subject of the author's quest are included.

1922. Letter from Georgetown, British Guiana. *4to.* no t.-p. pp. 20+6.

A mimeographed letter from Dr. Casey Wood to a few relatives and personal friends describing the delights of a journey to South America, with descriptions of interesting birds, other animals, and flowers—especially orchids—met with on the trip.

1922-4. Zoological odds and ends collected during a journey through Australasia and the islands of central Polynesia. *4to.* no t.-p. *illustr. (photos.)*. n.p.

Unpublished MS., clippings from newspapers, and other documents relating a year's tour in Australasia and Polynesia.

1923. The birds of Fiji. *Svo.* pp. 8. [Suva?]

A short general account of the birds of the islands, reprinted from the *Handbook of Fiji*, 1923.

1923. In sunny southern seas. *4to.* pp. [2]+39. Suva.

An account by the author, written from Oceania, describing some of his experiences during the year 1923, and which was published under this caption by the *Montreal Daily Gazette* in 11 instalments, May 20 to May 31, 1924. In an autographed note the author states that there are several typographical and other errors in the newspaper instalments which are uncorrected.

1923. Letter from Suva, Fiji Islands. *4to.* 35 ff. *map.* Suva.

Privately printed account of ten months in the South Seas mostly for the study of its bird life.

1923-6. E Scriptoribus. A few Author's reprints, separately bound.

CONTENTS:

My Quest of the Imperial Parrot. 1924.

The Fijian Crimson-Breasted Parrot. 1923.

Heterochorsis in the Crimson-Breasted Parrot. 1924.

Sketches from the Notebook of a Naturalist-Traveler in Oceania during the Year 1923. 1925.

A Letter from T. M. Brewer to Osbert Salvin. 1923.

The Cayenne or River Ibis in British Guiana. 1923.

Developmental Color Changes in the Eyes of New Zealand Gulls. 1924.

The Starling Family at Home and Abroad. 1924.

Lessons in Aviculture from English Aviaries. 1926.

The Nest of the Baya Weaver Bird. 1926.

1924. Birds of Fiji. *Svo.* pp. 119-25. Suva.

Author's reprint from *Colony of Fiji*, 1874-1924.

[1924]. The golden doves of Fiji. *Svo.* pp. [4]. *1 fig.* [Chicago.]

Reprinted from *Bird-Lore*, 1924. A detailed account (during a ten months' residence) of the indigenous Golden Dove of the Fiji Islands, perhaps the most interesting, although not the rarest and most beautiful of the indigenous doves of these islands. The illustration is from a painting made for the author by C. Cheverlange.

**** and INGERSOLL, ERNEST.

1924. On the Spanish Main; notes on the natural history of the West Indies and British Guiana. *folio.* 7 ll. 9 figs. [Montreal.]

A series of cuttings from the *Montreal Star* pasted on one side of seven large leaves with nine illustrations and bound with Jerdon's *Illustrations of Indian Ornithology*, No. 4. The notes are observations of faunal and floral life made during two winters spent in Barbadoes and British Guiana, one of them with William Beebe at the Tropical Station of the New York Zoological Society, Kartabo, on the Essequibo River. The editor, Ernest Ingersoll, has added a few notes and is responsible for the illustrations.

1925. Lady (Elizabeth) Gwillim, artist and ornithologist. *Svo.* pp. 594-9. [London.]

Author's separate from the *Ibis*, July 1925. An account of how the writer accidentally found in a London bookshop a large portfolio containing 121 choice colored drawings of Indian birds by Lady Gwillim. Following a description of the 'find' comes some account of the drawings, and the career of the artist herself.

**** and WETMORE, ALEXANDER.

1925-6. A collection of birds from the Fiji Islands. *Svo.* pp. (3)+(43)+(46). 2 pl. (col.). 2 figs. (maps). [London.]

Author's reprint from the *Ibis* of October 1925 and January 1926. The collection secured through the efforts of Dr. Casey Wood (to October 1924) included 259 skins and one skeleton, the annotated list of these being by Dr. Wetmore, while Dr. Casey Wood supplied the introductory matter, with notes on the species that came under his own personal observation, as well as remarks on bird protection, extinct birds, etc., in Fiji. The two colored plates are by W. J. Belcher, one of the artists engaged by Dr. Casey Wood to illustrate the birds of the Islands. See BELCHER, W. J. AND OTHERS, *Paintings of the Birds of Fiji*, 1917-27, in this Catalogue.

[1928]. Eyes of birds and other vertebrates. 72 l. 20 pl. (col.). n.p.

Typewritten abstract of a paper read before the *Pacific Division of the American Association for the Advancement of Science* at Claremont, Calif., June 14, 1928. The drawings (attached to the leaves of the bound scrap-book) are accompanied by MS. notes by Dr. Wood, but most of them were never published. Incorporated with the above is a review—also typewritten—by Dr. Wood of G. L. Johnson's *Contributions to the Comparative Anatomy of the Reptilian and the Amphibian Eye* (*Phil. Trans. Roy. Soc. of London*, Series B, vol. 215, pp. 315-53, plates 20-5).

1929. See FREDERICK II, EMPEROR, 13th century.

1929. Some Adventures of a Naturalist in the Ceylon Jungle. *Svo.* 6 pl. Washington.

Author's reprint from *Smithsonian Report*, 1928, Publication 2999, giving an account of two years' exploration of the forest and tank districts of Ceylon, especially of its flora and fauna.

1930. Psittacosis; or the Fate of John IIIrd. *Svo.* [London.]

An account of the parrot fever scare and its tragic effect on thousands of innocent birds, among them the death of the famous *Amazona oratrix*, John the Third, whose portrait adorns the bookplate of the E.S.W. Library.

1931. Bird portraits in Ancient and Medieval Art. ff. 200. 190 (collected) photographs. [Rome.]

WOOD, CHARLES THOROLD [1777-1852].

1835? The ornithological guide, in which are discussed several interesting points in ornithology. *Svo.* pp. 18+236. *index.* London.

A popular manual with an appendix listing certain British and some non-British birds, with their French, German, and Latin synonyms.

WOOD, JOHN GEORGE [1827-99].

1857. Sketches and Anecdotes of animal life. 4th ed. London.

1858. My feathered friends. 12mo. pp. 12+396. 20 pl. *index.* London.

1864. The illustrated natural history. 3 vols. 4to. Vol. I, Mammalia. Vol. II, Reptiles, fishes, etc. Vol. III, Birds. pp. (4)+786. *front.* 494 figs. *index.* London.

The first edition of this popular treatise is rare. It was published in 1851-3; and there have since appeared several impressions, one with the title *Animate Creation*.

Nov 4/33

Miss B.

Pls. paste in the
responding page of the
Interleaved.

This is really part
of a Review from
The Sportsman

C. A. C.

Otter Hunting

Henry Higginson
Review from the Sportsman
July, 1933

on for the
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Welsh
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Let the apologist disguise it as he
will, deplorable inhumanity lurks in live-
pigeon shooting matches, in pheasant and
partridge bags, in the pleasures of wild-
fowling, in the otter hunt, in the horrible
stag hunt, in the fox hunt (that 'pursuit
of the "uneatable" by the "unspeakable"'),
in deer hunting, and in every one of those
allied cruelties one meets the wide world
over.

Lest some unsophisticated reader may
accuse the Compiler of being too 'sobby and
sentimental' on this subject let him read
an authentic account of, say, an up-to-date
otter hunt, by a responsible naturalist.
He will find such a recital in Henry
Williamson's Tarka, with an introduction
by Sir John Fortescue, published in 1930,
a copy of which is in the Blacker Library.

The author describes the brave fight
of an animal with his most dreaded enemies -
dogs, 'gentlemen' garbed in full hunting
regalia, and a mixed crowd of men, women,
and children who chased him one bright
summer's day over the English moorlands.
All day long this human mob, urging on a
score of hounds to bite and worry the
unfortunate beast, assisted with long,
iron-shod pokes in hunting him out of
holes and watery shelters in which he from
time to time took temporary shelter. After

disregard of the water. Given
these qualifications one can get a lot of
fun out of this form of summer hunting.
Of course, the members of the Hunt staff
and the real swells in the field sport a
regular Hunt costume - that of the
Bulmstock consists of a scarlet coat, a
gray bowler hat, gray knickerbockers, gray
stockings, and last but by no means least
a long iron-shod pole with which to prod
the river banks at such times as the quarry
takes to his "hover" (hole), from which
hounds cannot dislodge him. x x x

" It was an exciting chase; the otter
putting in an appearance at one part
of the river or another, and always a
moment before someone gave notice of his
presence and hounds came tumbling to the

→ Wood. Lara. 1877. Dwellers in our gardens. Col. pls., illus.

→ Wood. g. g. 1890. Strange dwellings.

8. Zoologie

* **Wood, Casey A.** An Introduction to the Literature of Vertebrate Zoology based chiefly on the titles in the Blacker Library of Zoology, the Emma Shearer Wood Library of Ornithology, the Bibliotheca Osleriana [the Gest Library of Chinese Literature], and other Libraries of McGill University, Montreal. Compiled and edited. London: Oxford University Press, Humphrey Milford 1931. XIX, 643 S. 1 Taf. 4°. Ganzleinen £ 3.—.— Ein zoologisches Gegenstück zur medizinischen „Bibliotheca Osleriana“ (1929). Als I. Teil (S. 1—146) eine allgemeine historische Einführung sowohl in die Weltliteratur der Wirbeltierzooologie von den ältesten Zeiten bis heute als auch in die Spezialliteratur über Mammologie, Ornithologie, Herpetologie, Amphibiologie, Ichthyologie, Zoogeographie, Ökologie, Paläontologie, Psychologie, Zoolog. Gärten, Museen und Stationen, Vergleichende Zoologie, Darwinismus, Klassifikation und Nomenklatur, Expeditionen, Gesellschaften, Tiermaler und vieles andere. Diese wohlgegliederte Einleitung ist von größtem bleibenden Werte. (Entschuldbar bei der umfangreichen Aufgabe sind kleine Fehler; so sind z. B. S. 105 *Georg Fabricius* und die beiden *Kerns* zu streichen und dafür der wirkliche Autor *Joh. Kentmann* einzusetzen, vgl. Sitzber. u. Abh. Isis Dresden 1915, S. 15 ff.) — Der II. Teil (S. 147—172) ist ein geographisch-chronologisch angeordneter Sach-Index zu dem den III. Hauptteil (S. 173—643) bildenden alphabetischen Katalog der in den Montrealer Univ.-Einzelbibliotheken vorhandenen Literatur über Wirbeltiere und Verwandtes. — So ist das ganze Werk für den Biologen ein neues historisch-bibliographisches Hilfsmittel erster Ordnung. Z.

Mitteilungen
z. Gesch. d. Med.
u. d. Naturwiss.
Bd. 32 S. 247

on natural history.

Mitteilungen zur Geschichte der Medizin,
der Naturwissenschaften u. der Technik

Schriftleitung: Dresden-A. 16, Eisenstr. 4

Professor Dr. Rudolph Zaunick

1864-5. Homes without Hands, etc. *8vo.* (Wanting.) *London.*

One of the numerous works of this deservedly popular writer, in this instance an attempt to explain indirectly and in simple language the principles of faunal anatomy and classification.

1866. Homes without hands, being a description of the habitations of animals. *8vo.* pp. 20+632. 21 pl. 84 figs. *index.* *New York.*

An American edition of this popular work.

1868-70. The natural history of man. 2 vols. *illust.* *London.*

1870. Bible animals; being a description of every living creature mentioned in the Scriptures from the ape to the coral. *8vo.* pp. 29+652. 24 pl. 78 figs. *index.* *New York.*

The American edition of the (London) first issue of 1869.

1871. Strange dwellings; being a description of the habitations of animals. *12mo.* pp. 12+411. *front.* 56 figs. *index.* *London.*

Abridged from *Homes without hands.*

1877. Nature's teachings: human invention anticipated by nature. *8vo.* pp. 20+533. *front.* figs. *index.* *London.*

This work is intended to show the close connection between nature and human inventions, there being hardly an invention of man that has not its prototype in Nature. Birds figure at intervals all through these pages, such, for instance, as the woodpecker with its beak and feet representing the boring and grasping tools invented by man, etc.

1879. Wanderings in South America. See WATER-TON, CHARLES.

**** and HOLDER, JOSEPH B.

[1885]. Animate creation; popular edition of 'Our living World', a natural history. 3 vols. 4to. Vol. I, Mammals. Vol. II, Birds. Vol. III, Fishes, Reptiles, etc. *New York.*

Originally published in 60 parts. First edition as *The Illustrated Natural History*, the text, however, in this edition, where it relates to American animals, being revised and adapted by the editor, with the latest information added. The classification adopted for the birds, vol. II, is that of Robert Ridgway.

1893. Illustrated natural history: comprising descriptions of animals, birds, fishes, reptiles, insects, etc. *8vo.* pp. 470. *illust.* *New York.*

**** and WOOD, THEODORE.

n.d. The field naturalist's handbook. *8vo.* pp. 7+167. *London.*

Largely a compilation. An interleaved copy with ink MS. annotations.

n.d. Illustrated natural history. Birds. 4to. pp. 788. many figs. in text. *index.* *New York.*

This work, crudely printed and illustrated and on poor paper, seems to be an American reprint of the author's volume on Birds from his *Illustrated Natural History*, London, 1861-3.

n.d. Our domestic pets. *12mo.* pp. 339. 13 pl. 95 figs. *London.*

WOOD, NEVILLE [fl. 1835-9].

1836. British song birds; being popular descriptions and anecdotes of the choristers of the groves. *12mo.* pp. 12+408. *index.* *London.*

A popular but systematic description of song-birds with many original observations of their habits. The present volume is an autographed copy that once belonged to Henry G. Vennor.

1836. The ornithologist's text-book; being reviews of ornithological works; with an appendix

containing discussions on various topics of interest. *8vo.* pp. 4+232. *index.* *London.*

A rather well-written compendium containing a useful review of ornithological works accessible to the author, as well as a useful Synopsis of Systems, including those of Willughby, Brisson, Linnaeus, Latham, et al; *On the English Nomenclature of Birds*, and other articles.

WOOD, ROBERT WILLIAMS [1868-].

[1907]. How to tell the Birds from the Flowers. Verse. *8vo.* *illust.* [O. 5597.] *San Francisco.*

[1908]. Animal Analogues. Verse. *8vo.* *illust.* [O. 5598.] *San Francisco.*

Both this volume and the previous one are whimsical studies intended to while away a weary hour.

WOOD, SARA.

1892. Dwellers in our gardens; their lives and works. *12mo.* pp. (8)+184. 3 pl. (col.). 94 figs. *T. of c.* *London.*

WOOD, THEODORE [1862-].

1887. Our bird allies. *8vo.* pp. 10+214. *text-figs.* *T. of c.* *London.*

1905. The zoo, past and present, etc. See ELWES, A. J.

1921. Birds one should know, beneficial and mischievous. *8vo.* pp. 11+132. 24 pl. (8 col.). 188 figs. *T. of c.* *London.*

n.d. (The) field naturalist's handbook. See WOOD, JOHN GEORGE.

WOOD, THOMAS WILLIAM.

n.d. Curiosities of ornithology. *8vo.* pp. 64. 9 col. pl. 2 *text-figs.* *London.*

Nine chapters, written in popular style, on some of the rare and curious birds of the world. The book is scarce, not listed in the *Cat. Br. Mus. (Nat. Hist.)*.

WOOD, WALTER.

n.d. Adventures with big fish. *8vo.* pp. 319. 12 *illust.* *London.*

Stories of adventures with dolphins, whales, manatees, and walrus (these mammals being called 'fish' for the purposes of the author); also with sawfish, swordfish, tarpon, sharks, etc.

WOOD, WILLIAM [1774-1857].

1807. Zoography; or, The beauties of nature displayed. In select descriptions from the animal . . . kingdom. 3 vols. *8vo.* *illust.* *London.*

Vol. I is devoted to natural history in general, vol. III to domestic animals. The present copy is from the Mullens Library with book-plate.

1824. Catalogue of an extensive and valuable collection of the best works on natural history, arranged in classes according to the Linnean system. *8vo.* pp. (4)+136. *front.* *T. of c.* *London.*

An interesting old priced catalogue, showing the value placed on books in former days as compared with the present time. The ornithological portion occupies pp. 6-16.

WOODCOCK, ARTHUR ROY [1880-].

1902. Annotated list of [325 species of] the birds of Oregon. *8vo.* pp. 2+117. *illust.* *addend.* *index.* *Oregon.*

(Oregon Agric. Exper. Station, Bulletin No. 68.)

WOODFORD, CHARLES MORRIS [1853-].

1890. A naturalist among the head-hunters; being an account of the three visits to the Solomon islands in the years 1886-88. *8vo.* pp. 12+249. *illust.* *London.*

WOODHOUSE, S. W. 1853. See UNITED STATES. SITGREAVES EXPEDITION.

WOODROFFE, W. L.
1902. Bird catching. See HUDSON, W. H.

WOODRUFF, FRANK MORLEY.
1907. (The) birds of the Chicago area. (Chicago Acad. of Sciences. Nat. Hist. Survey Bulletin.) pp. 222. 12 pl. bibliogr. 2 indexes. Chicago.
An annotated list of the species known to inhabit an area comprised of all of Cook and Du Page Counties, the nine townships of Will County, and the northern portion of Lake County, Indiana. Notes furnish local distribution, etc., with scientific and vernacular synonyms, followed by a local bibliography.

WOODRUFFE-PEACOCK, EDWARD ADRIAN [1858-].
1898. The natural history of Lincolnshire. 8vo. pp. 136. 2 pl. index. *Horncastle.*
The Natural History section of *Lincolnshire Notes and Queries.*

WOODS, HENRY (F.G.S.).
1891. Catalogue of the type fossils in the Woodwardian Museum, Cambridge. With a preface by T. M. Hughes. 8vo. pp. 14+180. T. of c. *Cambridge.*

WOODS, JULIAN EDMUND TENISON [1832-89].
1882. Fish and fisheries of New South Wales. 8vo. pp. 11+213. 46 photo. pl. text-figs. *Sydney.*

WOOD'S HOLE, MASS. See MARINE BIOLOGICAL LABORATORY.

WOODWARD, ARTHUR SMITH [1864-] and **SHERBORN, C. DAVIES.**
1890. A Catalogue of British Fossil Vertebrata. 8vo. pp. xxxv+396. T. of c. *London.*
Among the important contributions to this extensive study.

1898. Outlines of Vertebrate Paleontology. 8vo. pp. 24+470. 1 pl. figs. in text. *Cambridge.*
Admirably adapted to the wants of advanced students.

1904. A guide to the fossil mammals and birds in the dept. of geology and palaeontology in the British Museum. 8th ed. 8vo. pp. 16+100. 6 pl. 88 figs. index. *London.*
An entirely rewritten edition of the 1896 issue. An almost identical ninth edition was published in 1909, and a similar tenth edition in 1923. A presentation copy from the Trustees of the British Museum.

1907. Fossil Fish from Natal. Third and Final Report. See NATAL.

WOODWARD, BERNARD BARHAM [1853-] and others.

1903-date. Catalogue of the Books, Manuscripts, Maps and Drawings in the British Museum (Natural History). 4to. A-Z. *London.*

Six volumes (one of which is Supplement, A-I, 1922) of this indispensable work of reference have already been issued by the Museum authorities. Too much cannot be said in praise of this very remarkable list. What workers in the bibliography of natural history would do without it is impossible to say; and for librarians, the tasks involved in their dealings with an immense subject are greatly lightened. The Compiler of this *Catalogue* wishes once more to express his appreciation of the literary and scientific excellence of a monograph of which he has made such liberal use.

WOODWARD, (Mrs.) ELLEN S., Collector.
n.d. [Letters and autographs of zoologists with

biographies and portraits.] 12 vols. 4to. no t.-p. illust. *[London.]*

A collection of 12 vols. of autograph and signed letters of zoologists, including many ornithologists, with their portraits and biographies. About 1,500 letters. This unique and valuable series includes four letters of Darwin, some of Alfred R. Wallace, Huxley, et al.

WOODWARD, HENRY [1832-1921].

1877. List of the [the author's] principal scientific papers. Monographs, & addresses. 8vo. pp. 12. *Hertford.*

A supplementary list, 1877-97, was published in 1897.

WOODWARD, R. B. and WOODWARD, J. D. S.

1899. Natal birds, including the species belonging to Natal and the eastern districts of the Cape Colony. 8vo. pp. 5+215. front. (col.). append. index. *Pietermaritzburg.*

WOODWARDIAN MUSEUM, CAMBRIDGE.

1891. Catalogue of the type fossils in the Woodwardian Museum. See WOODS, HENRY.

WOODWORTH, FRANCIS CHANNING [1812-59].

1854. Stories about birds. 8vo. pp. 13+336. 59 pl. 21 figs. T. of c. *Auburn.*

WOOLHOPE NATURALISTS' FIELD CLUB. (Founded 1851.)

1856-1930. Transactions, etc.

1888. Notes on the Birds of Herefordshire.

WOOLWICH AND WEST KENT.

1909. A Survey and record of Woolwich and West Kent, containing geology, botany, and zoology. *Woolwich.*

WORCESTER, DEAN CONANT [1866-] and **BOURNS, FRANK S.**

1894. Preliminary Note on the Birds and Mammals . . . of the Menage Scientific Expedition to the Philippine Islands. 4to. pp. 64. 8vo. *St. Paul and Minneapolis, Minn.*

Authors' excerpt from *Occasional Papers*, vol. i, No. 1, *Minnesota Academy of Natural Sciences.*

**** and **BOURNS, FRANK S.**

1898. Contributions to Philippine ornithology. 8vo. pp. 549-625. Pl. LV-LXI. bibliogr. index. *Washington.*

From the *Proceedings of the U.S. Nat. Mus.*, vol. xx. Part I of this volume has a list of birds known to inhabit the Philippine and Palawan Islands. Part II consists of notes on the distribution of Philippine birds. The present copy is an interleaved presentation, autographed by the senior author.

1906. (A) hand-list of the birds of the Philippine Islands. See MCGREGOR, RICHARD C.

WORCESTER NATURAL HISTORY SOCIETY. *Worcester, Mass.*

1883?-date. Annual Reports.

WORCESTERSHIRE NATURALISTS' CLUB. *Worcester, England.*

1847/96-1910? Transactions.

Wren-Tit, ²⁰¹⁴ The [Editor is Dr. Gayle B. Pickwell, San Jose State Teachers College, San Jose, Calif] ordered Aug 12/32.

WORLD LIST OF SCIENTIFIC PERIODICALS PUBLISHED IN THE YEARS 1900-1921. 2 vols. 4to. London.

A valuable alphabetical list of 24,028 titles (not a catalogue) compiled by W. A. Smith and L. A. Sheppard (with L. Wharton for the Slavonic entries) under the direction of A. W. Pollard. Proceedings of international congresses are collected under this heading.

WORLD'S CONGRESS OF ORNITHOLOGY. See ROOD, E. IRENE.**WORM, OLE** [1588-1654].

1655. Museum Wormianum; seu, Historia rerum rariorum, tam naturalium, quam artificialium, tam domesticarum, quam exoticarum, quae Hafniae Danorum in aedibus auctoris servantur. folio. pp. 10+388. 2 pl. text-figs. Lugduni Batavorum.

One of the earliest and rarest descriptive catalogues of the first museum in Copenhagen, published in Leyden. It contains an original illustration and description of the Loon, called Lumme in Iceland; and a celebrated chapter on the Lemming or *Mus Norvegicus*, recording the story of its descent from the clouds. The true nature of the Narwhal (*Unicornu marinum*) is revealed for the first time in this work. Among other objects in the collection were numbers of stuffed bird specimens. Cap. XVI, pp. 290-312, is devoted to avian life in general with appropriate, and rather good copper-plate portraits of ten species, e.g. the penguin and the guinea-fowl. There are two copies available for the student in the McGill libraries, one from the Dean Adams Library, both Elzevirs.

WORSLEY-BENISON, H. W. S.

1889. Haunts of nature. 8vo. pp. 6+252. 2 pl. T. of c. London.

WOSSIDLO, PAUL [1836-].

1888. Leitfaden der Zoologie. 2nd ed. illust. Berlin.

WOTTON, EDWARD [1492-1555].

1552. Edoardi Wottoni . . . De differentiis animalium libri decem. folio. (pp. viii)+ff. 220+ (pp. 26.) Lutetiae Parisiorum.

This book is distinguished from others of its class in the sixteenth century by its marginal notes and excellent index. The initial letter of each of the ten books is enlarged and decorated but there are no other illustrations. Both the Blacker and Osler libraries have a copy of this fundamental treatise.

WREN, THE.

1909. Bulletin of the Norfolk Bird Club. A Monthly Magazine devoted to the Interests of the Club. Editor, James L. Peters. Vol. I, 1909, No. 1, January-No. 7, October. (All issued.) Cambridge, Mass.

The former editor kindly wrote the Compiler: 'The principal contributors were Joseph Kittredge, Richard M. Marble, James L. Peters, Barron Brainerd, and W. Charles Levey. The paper contained notes of local interest, reports on migration activities of members, etc.'

WRIGHT, ALBERT HAZEN.

1914. The Anura of Ithaca. 8vo. pp. 7+98. 21 pl. Washington.

WRIGHT, HORACE WINSLOW [1848-1920].

1909. [120 species of] Birds of the Boston Public garden, a study in migration. 8vo. pp. 20+238. 8 pl. index. Boston.

1911. The [186 species of] birds of the Jefferson region in the White mountains, New Hampshire. (Proc. Manchester Institute of Arts and Sciences, vol. 5.) 8vo. pp. 126. index. Manchester, N.H.

WRIGHT, LEWIS [1838-1908].

[1874-6]. (The) illustrated book of pigeons. See FULTON, R.

1879. The practical pigeon keeper. 8vo. pp. 6+232. 9 pl. 59 figs. T. of c. London.

n.d. The illustrated book of poultry. London.

WRIGHT, Mrs. MABEL (born OSGOOD) [1859-] and **COUES, ELLIOTT.**

1900. Citizen bird; scenes from bird-life. 8vo. pp. 14+430. 136 figs. index. New York.

A popular book, the first edition in 1897 with several subsequent printings.

1906. The friendship of nature; a New England chronicle of birds and flowers. 8vo. pp. 7+238. front. New York and London.

1907. Gray Lady and the birds; stories of the bird year. 8vo. pp. 20+437. 12 pl. (col.). New York.

1917. Birdcraft, a field book of two hundred song, game, and water birds. 8vo. pp. 23+317. 80 pl. 2 indexes. New York.

WRIGHT, MAGNUS VON.

1847. Helsingfors traktens fogelfauna, jemte anmärkingar vid en del dithörande arter (Enligt anteckningar ifrån och med sommaren 1831 till och med våren 1847). 4to. pp. 36. col. pl. Helsingfors.

An account of the birds of Helsingfors and, incidentally, the chief species of Finland's avifauna.

**** and **PALMÉN, J. A.**

1859-73. Finlands foglar, hufvudsakligen till deras dragter beskrifna; senare af delningen, efter författarens död omarbetad med särskild hänsyn till arternas utbredning och utgifven af J. A. Palmén. (Finska Vetenskaps-Societeten. Bidrag till kännedom af Finlands natur och folk, pt. 22.) 2 vols. 8vo. Vol. I (Wright), 1859, pp. xiv+315. Vol. II (Palmén), 1873, pp. xvii+681. Helsingfors.

A systematic treatise on the birds of Finland, begun by Wright in 1859 and completed after his death by Palmén. Vol. II is in the original wrapper and from C. Hart Merriam's library.

****, **WRIGHT, W.**, and **LÖNNBERG, E.**

1917-29. Svenska foglar efter naturen, etc.

Professor Einar Lönnberg is engaged on this revised edition of the Wrights' well-known treatise on Swedish avifauna. The present work consists of 105 parts, with over 200 colored plates. Doubtless this extremely valuable printing will be completed. The first edition appeared in 1828-38, and has long been regarded as the most important work on the subject.

WRIGHT, R. G. and **DEWAR, DOUGLAS.**

1925. The ducks of India. 8vo. pp. 231. 22 pl. (col.). index. London.

WRIGHT, ROBERT RAMSAY [1852-].

1885. See KINGSLEY, J. S.

1898-date. Toronto University Studies. Biological Series. 8vo. Toronto.

WRIGHT, S. and **CASTLE, W. E.**

1916. Inheritance in Guinea-Pigs and Rats. 8vo. pp. 198. 7 pl. 7 figs. Washington.

WRIGHT, THOMAS [1810-77].

1841. Popular Treatises on Science. 8vo. Contains Philip de Thau's *Livre des Créatures*, and Bestiary. [O. 6554.] London.

WRIGHT, WILHELM VON [1810-].

1892-5. Skandinaviens fiskar. Bearb. och forts. af F. A. Smitt. 2 vols. pp. 1,239. 53 col. pl. 207 figs. 308 illust. in text. Stockholm.

A beautiful work on Scandinavian fishes, enlarged from the original published in 1836-57. The present monograph has the text in English; the first edition was printed in Swedish and Latin. It is probably the most important of the many treatises on fishes of the North European seas.

WUERZBURGER NATURWISSENSCH. ZEITSCHRIFT.

1860-7. Vols. I-VI. (All pub.)

WUESTNEI, CARL [1843-1902] and **CLODIUS, G.**1900. Die Vögel der . . . Mecklenburg. *Svo. pp. 363. Güstrow.*

This local history is an authors' separate, describing at considerable length and in scientific, systematic fashion the birds of the Mecklenburg area.

WUNDT, W.1892. Vorlesungen über die Menschen- und Tierseele. 2nd ed. *Hamburg.***WURFFBAIN, JOHANNES PAULUS** [1655-1711].1683. Salamandrolgia h. e. descriptio . . . salamandrae, etc. 4to. [O. 4291.] *Norimbergae.***WURM, WILHELM.**1885. Das Auerwild, dessen Naturgeschichte, Jagd und Hege. 2nd ed. 4to. pp. 20+339. 2 pl. *T. of c. Wien.*

A complete treatise on the Black Cock especially from the viewpoint of the gamekeeper and huntsman. From the Cabanis-Reichenow collection.

WÜRTEMBERGISCHE NATURWISSENSCHAFTLICHE JAHRESHEFTE. See

VEREIN FÜR VATERLÄNDISCHE NATURKUNDE IN WÜRTEMBERG.

WÜRZBURG. Fränkisches Museum für Naturkunde.

1920-4. Bericht.

WÜRZBURG. Zoologisch-Zootomisches Institut.

1874-89. Arbeiten.

1824-48. Bericht.

WU SHU 吳淑 [947-1002].

? ca. 1500. Shih lei fu 事類賦; A classified encyclopedia, composed in the irregular verse style, including material on animals, birds, fishes, etc., chüan 18-23; chüan 28-30; published in the Ming Dynasty (1368-1644). 30.8 x 19.2 cm. [G.]

WÜSTNEI, CARL. See **WUESTNEI, CARL.****WYATT, CLAUDE WILMOTT** [1842-1900].1885-94. (A) monograph of the Hirundinidae. See **SHARPE, R. B.**1894. British birds: being coloured illustrations of all the species of passerine birds resident in the British isles. Vol. I (separately published). folio. pp. (7)+25. 25 pl. (col.). *T. of c. London.*

Part of a series of fine hand-colored plates by the author, representing 50 species of resident birds. See also Vol. II.

1899. British birds: with some notes in reference to their plumage. Vol. II (published separately). folio. pp. (7)+42. 42 pl. (col.). *T. of c. London.*

A series of fine hand-colored plates by the author, representing 53 British passerine birds. See also Vol. I.

WYMAN, JEFFRIES [1814-74].

1862. Observations upon the remains of extinct and existing species of Mammalia found . . . within

the Lead region of Wisconsin, Iowa and Illinois. *Svo. illust. Albany, N. Y.*

Author's reprint from a Report of the Geological Survey of the State of Wisconsin, vol. I.

WYMAN, LUTHER E. and **BURNELL, ELIZABETH F.**1925. Field book of birds of the southwestern United States. *Svo. pp. 24+308. front. (col.). 3 maps. 346 figs. glossary. bibliogr. append. index. Boston.*

A reliable handbook of the birds of Arizona, southern California, and Nevada.

WYTHE, MARGARET W. and **GRINNELL, JOSEPH.**1927. Directory to the Bird-life of the San Francisco Bay Region. *Svo. pp. 160. col. front. Berkeley.***WYTSMAN, PHILOGÈNE AUGUSTE GALILÉE** [1866-].1905-14. Genera Avium. 4to. *illust. Brussels.*

Edited by P. Wytzman.

This monumental work consists of a classified cyclopedia of the avian families in which each family is treated in a distinct (and separately pagged) section by independent authors. At the present writing 26 parts have been issued (parts 1-26, 1905-14). Among the contributors are Louis Brasil, Ernst Hartert, C. E. Hellmayr, T. Salvadori, P. L. Selater, R. Bowdler Sharpe, and W. R. Ogilvie Grant.

XANTUS, JOHN.1859. Catalogue of birds collected in the vicinity of Fort Tejon, California. (*Proc. Academy of Natural Sciences of Philadelphia.*) *Svo. pp. 5. Philadelphia.*

Author's separate.

XENOPHON [430-357 B.C.].1545. Opera . . . omnia. Eleven translators. On Horses, by J. Camerarius. Very rare ed. [O. 5605.] *Basil.*1802. Xenophon's Rules . . . for Horses. 4to. Anon. tr. of *De re equestri*. An early cavalry manual. [O. 5607.] *Westminster.***YARKAND MISSION. 1878-91.** See **SCIENTIFIC RESULTS OF SECOND YARKAND MISSION; also INDIA; also STOLICZKA, F.****YAR MUHAMMAD KHAN SHAWKAT.**1884. Sayd-gah-i-Shawkati (or Bāz-nāma). On falconry and birds. Lithograph. pp. 338. 22 text-figs. *Rampur.*

This treatise was first written in Hindustani in 1883 but not published until the following year. It is said by Ivanow to be a fairly accurate treatise.

YARRELL, WILLIAM [1784-1856].1827. Observations on the tracheae of birds; with descriptions and representations of several not hitherto figured; and on the change in the plumage of some hen-pheasants. 4to. Pt. I, pp. 16. 9 pl. Pt. II, pp. 10. 1 pl. *London.*Two author's separates; I. from the *Trans. Linnean Society*; II. from the *Phil. Transactions*, 1927.

William Yarrell was a famous English naturalist, the son of a bookseller whose business he later carried on. He was a keen student of Natural History and had a profound knowledge of the haunts and habits of birds and fish.

1835-6. A History of British Fishes. 2 vols. *Svo. illust. (Wanting.) London.*This is the *editio princeps* of a well-known treatise, at least two others (1841 and 1859) being recognized. It was issued in 19 parts and is comparatively rare.

→ Yeates, G. K. 1932.

See Winnall, P.H.

The Life of the Rook. illus.

1837-43. A history of British birds. 3 vols. 8vo. Vol. 1, pp. 32+525. 194 figs. *index.* Vol. 2, pp. (4)+669. 209 figs. Vol. 3, pp. (4)+528. 1 pl. 192 figs. London.

For many years the standard work. It was issued in 37 parts of three sheets each, at intervals of about two months. A second edition appeared in 1856, together with a supplement to the present edition, bringing it up to date; a third edition and second supplement were issued in 1871-85. A fourth edition (edited by Newton and Saunders) was published in 1871-85. *An Illustrated Manual of British Birds* by Saunders, 1899, is really a condensed version of the present work.

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A monograph of great importance, especially in its treatment of the behavior of the animals studied.

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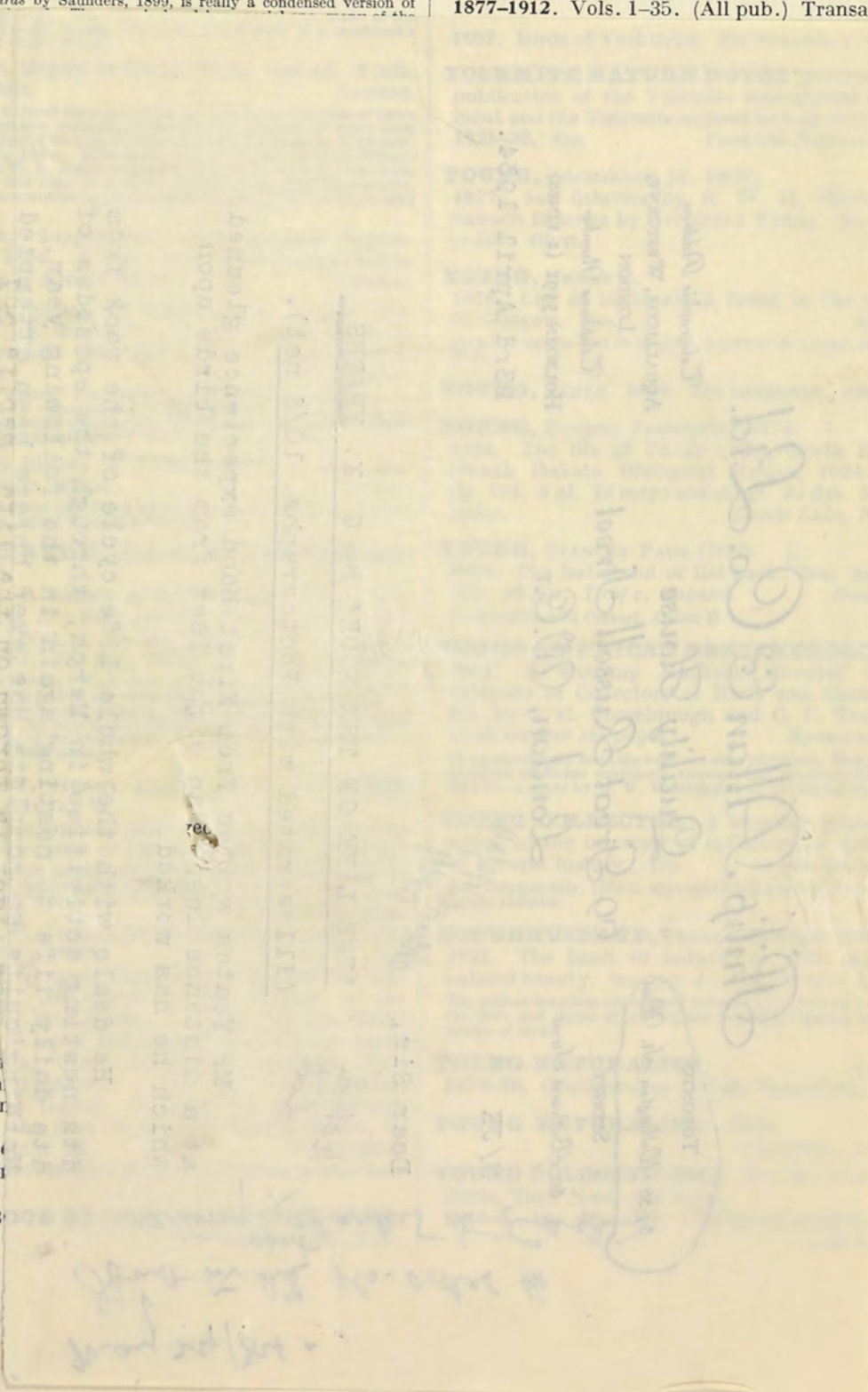
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- 1837-43.** A history of British birds. 3 vols. 8vo. Vol. 1, pp. 32+525. 194 figs. index. Vol. 2, pp. (4)+669. 209 figs. Vol. 3, pp. (4)+528. 1 pl. 192 figs. London.
For many years the standard work. It was issued in 37 parts of three sheets each, at intervals of about two months. A second edition appeared in 1845, together with a supplement to the present edition, bringing it up to date; a third edition and second supplement were issued in 1856; a fourth edition (edited by Newton and Saunders) was published in 1871-85. *An Illustrated Manual of British Birds* by Saunders, 1899, is really a condensed version of the present work. The copy in hand is a special one, many of the cuts being hand colored, besides a colored plate of a Guillemot's egg at the end of vol. 3.
- 1845.** A history of British birds. 2nd ed. 3 vols. 8vo. *illust.* London.
The copy in hand deserves special mention since it consists of three unique volumes extra-illustrated by the addition of more than 300 woodcuts of birds by Bewick and a few proofs by the illustrator, William R. Fisher. With it are nine A.L.S. letters from William Yarrell to W. R. Fisher respecting the present copy and the work the latter had done on it in the matter of the extra-illustrations. The letters comprise 18 pp., 8vo and 4to, ranging in date from 1844 to 1855.
- 1845-56.** Supplement. 1845.—Second Supplement. 1856. 2 vols. 8vo. Both supplements. (*History of British Birds.*) London.
- 1856.** A history of British birds. 3 vols. 8vo. Vol. 1, pp. 35+614. 212 figs. index. Vol. 2, pp. (4)+702. 197 figs. Vol. 3, pp. (4)+679. 225 figs. London.
The third edition. The additions made in the present edition to the second are embodied in a *Second Supplement*, which brings the second edition (and with the first supplement brings the first edition) up to the date of the third.
- 1859.** A history of British fishes. 2 vols. 8vo. *front. portr. illust.* London.
The third edition of this important monograph, edited by Sir John Richardson, with a memoir of Yarrell.
- ****, **NEWTON, ALFRED, and SAUNDERS, HOWARD.**
1871-85. A history of British birds. 4 vols. 8vo. Vol. 1, pp. 12+646. 186 figs. Vol. 2, pp. 7+494. 127 figs. Vol. 3, pp. 16+684. 255 figs. Vol. 4, pp. 8+531. 173 figs. index. London.
The fourth edition. Much extra material, with a number of new illustrations, is added, the work being thoroughly revised and rewritten by Newton and Saunders. The present edition was published in 30 parts. In 1889 Saunders condensed the text and published it, with some of its illustrations, under the title of *An Illustrated Manual of British Birds*.
- YARROW, HENRY CRÉCY [1840] and HENSHAW, HENRY W.**
1874. Geographical and geological explorations and surveys west of the one hundredth meridian. Report upon ornithological specimens collected in the years 1871, 1872, and 1873. 8vo. pp. (2)+148. *T. of c.* Washington.
The above Report embodies an annotated list of the birds of Utah, consisting of 214 species.
- 1875.** Notes upon Geographical distribution and variation with regard to the Zoölogy of the Western United States . . . Mammals and Birds. Report . . . upon Batrachians and Reptiles made in Nevada, Utah, California, Colorado, New Mexico and Arizona . . . 1871-74. (United States. Geog. and Geolog. Explorations and Surveys West of the One Hundredth Meridian. vol. v. Report, etc.). 4to. Washington.
A similar report was made of the Fishes embodied in the same classic Report.
- YEAR BOOK OF THE RHINEBECK CLUB.** 1918-20. Rhinebeck, N.Y.
- YERKES, ROBERT MEARNES [1876-] and YERKES, ADA W.**
1929. The great apes; a study of anthropoid life. 4to. pp. 20+652. 172 text-figs. New Haven.
A monograph of great importance, especially in its treatment of the behavior of the animals studied.
- YORKSHIRE NATURALISTS' UNION, HULL, ENGLAND.**
1877-1912. Vols. 1-35. (All pub.) Transactions.
1907. Birds of Yorkshire. See NELSON, T. H.
- YOSEMITE NATURE NOTES [monthly];** the publication of the Yosemite educational department and the Yosemite natural history association. **1925-30.** 8vo. Yosemite National Park.
- YOUNG, ARCHIBALD [d. 1900].**
1877. Sea fisheries by E. W. H. Holdsworth. Salmon fisheries by Archibald Young. 8vo. pp. 6+300. *illust.* London.
- YOUNG, HENRY C.**
1876. List of birds which breed in the vicinity of Glasgow. 8vo. Glasgow.
Prepared for the visit to Glasgow in 1876 of *Brit. Assoc. for the Adv. of Sc.*
- YOUNG, JAMES. 1906.** See FERGUSON, JOHN.
- YOUNG, ROBERT THOMPSON [1874-].**
1924. The life of Devils Lake, North Dakota. (North Dakota Biological Station, 1924.) 8vo. pp. 114. 8 pl. 15 maps and diagr. 25 figs. bibliogr. index. Devils Lake, N. Dak.
- YOUNG, STANLEY PAUL [1889-].**
1929. The last stand of the pack. 8vo. pp. xx+295. 16 figs. *T. of c. append.* New York.
Joint author with Carhart, Arthur H.
- YOUNG AMERICAN ORNITHOLOGIST.**
1881. A Monthly Magazine devoted to the Interests of Collectors of Birds and their Eggs. Ed. by J. C. Chesebrough and C. C. Truesdale. Each number six pages. Syracuse, N.Y.
In all about eight monthly numbers were published. This small but excellent magazine contained, among other excellent sketches of bird life, a paper by W. W. Worthington on the Piping Plover.
- YOUNG COLLECTOR;** a monthly journal devoted to the interests of collectors of specimens of natural history. 8vo. Des Moines, Ia.
Two volumes only, 1881-2, were issued when the title was changed to *The Collector*.
- YOUNGHUSBAND, FRANCIS EDWARD [1863-].**
1921. The heart of nature; or, The quest for natural beauty. 8vo. pp. 4+235. *T. of c.* London.
The author describes the natural beauties and gives an account of the flora and fauna of the Sikhim Himalaya, listing about 550 species of birds.
- YOUNG NATURALIST.** London.
1879-90. Continued as *British Naturalist*.
- YOUNG NATURALIST. 1884.** Galesburg, Illinois.
- YOUNG OOLOGIST, THE.** For the Student of Birds, Their Nests and Eggs. **1884-5.** 8vo. Monthly. Continued as the *Oologist*. Gaines, N.Y.

YOUNG ORNITHOLOGIST, THE.

1885-6. Edited and Published Monthly by Arthur A. Child, Boston, Mass. *Svo.* Boston.

This short-lived periodical was suspended on the completion of its first volume. It was the organ of the *Young Ornithologists' Association*, and quite a number of American ornithologists of repute supplied papers and notes. Among these one may mention J. C. Cahoon, D. H. Eaton, G. F. Breninger, C. J. Maynard, E. Slade, *et al.*

YUNG, ÉMILE JEAN JACQUES [1854-] and VOGT, C. C.

1885-94. Lehrbuch der pkt. vergleichenden Anatomie. 2 vols. *Svo.* See VOGT, C. C.

ZABARELLA, J.

1590. De Rebus Naturalibus libri XXX. folio. Venetiis.

ZACHARIAS, EMIL OTTO [1846-]

1889. Bilder u. Skizzen aus dem Naturleben. *Svo.* illust. Jena.

ZAKARIYA B. MUHAMMED AL QAZWINI.

1912. Ajā'ibul-makhlūqat, or Wonders of Creation. 4to. pp. 616. more than 100 col. cuts in text. Hindustani translation from the original Arabic. Lithographed. Lucknow.

A well-known Moslem work on natural history composed and issued by the author about A.D. 1250. It was edited by F. Wüsterfeld in 1848, was partly translated by Ethé in 1868, and numerous editions in MS. and print have appeared from time to time. Several of these are in the Blacker Library. See also AL-QAZWINI.

ZAMBRINI, FRANCESCO.

1874. Scelta di curiosità letterarie inedite o rare dal secolo XIII al XVII in Appendice alla Collezione di Opere inedite o rare. Dispensa CXL. Con figure in cromolitografia a fac-simile del Codice. Trattatello di falconeria. *Libro delle nature degli uccelli fatto per lo re Danchi testo antico toscano messo in luce da Francesco Zambrini.* *Svo.* pp. 34+71. col. initials. 31 col. cuts in text. index. Bologna.

A reproduction, as near as modern color and print allow, of a copy (A.D. 1444) of an ancient Tuscan codex on falconry and the care of birds in general. The editor gives a short bibliographic history of (mostly Italian) hunting with birds. Even the facsimile in hand is rare.

ZARAGOZA, REVISTA D. ACADEMIA DE CIENCIAS EXACTAS, FISICO-QUIMICAS Y NATURALES DE. 1916-date. See ACADEMIA DE CIENCIAS . . . ZARAGOZA.**ZAROUDNOÏ, N. A.**

1885. Oiseaux de la contrée Trans-Caspienne. 4to. pp. 73. Moscou.

A separately printed, repaged paper, with an introduction by M. Menzbier, on the birds of Transcaspia. The account includes 184 species.

ZAWADZKI, ALEXANDER [1798-1868].

1840. Fauna der galizisch-bukowinischen Wirbelthiere; eine systematische Uebersicht der in diesen Provinzen vorkommenden Säugethiere, Vögel, Amphibien und Fische, mit Rücksicht auf ihre Lebensweise und Verbreitung. *Svo.* pp. 8+195. Stuttgart.

ZEITSCHRIFT FÜR BIOLOGIE. 1865-date. München, Berlin.**ZEITSCHRIFT FÜR FISCHEREI.**

1893-1930. Vols. 1-28. Berlin.

ZEITSCHRIFT FÜR DIE GESAMMTEN NATURWISSENSCHAFTEN. (Zeitschrift für Naturwissenschaften.)

1853-1918. Vols. 1-86. (All pub.)

ZEITSCHRIFT FÜR DIE GESAMMTE ORNITHOLOGIE.

1884-8. Herausgegeben von Dr. Julius von Madarász. Quarterly. Jahrg. I-VI. 4 vols. *Svo.* (All pub.) Budapest.

During its comparatively brief existence this *Zeitschrift* occupied a high place in zoological literature. It was well conducted in every respect and numbered among its contributors some of the dominant names in ornithology. Among these were Stejneger, Csate, Böhm, Schalow, Landois, Tschusi zu Schmidhofen, Berlepsch, Blasius, Finsch, Meyer, *et al.*

ZEITSCHRIFT FÜR MORPHOLOGIE UND ANTHROPOLOGIE. 1899-date. See also MORPHOLOGISCHE ARBEITEN. Stuttgart.**ZEITSCHRIFT FÜR OOLOGIE.**

1891-1930. Organ für Wissenschaft und Liebhaberei. Monthly. *Svo.* With vol. XV (1905) the title of the periodical was altered to *Zeitschrift für Oologie und Ornithologie*, mit Beilage *Ornithologische Rundschau*, the latter edited by the Reverend Schuster. *illust.*

The editors of these journals were as follows: Hocke, I-XX (1891-1911); Grote, XXI (1911, in part); Rudiger, XXII-XXVI (1921).

There were only seven numbers issued in 1910, and eight (of the *Zeitschr. f. Oologie und Ornithologie*) in 1913; none during the War period, 1914-18.

ZEITSCHRIFT FÜR OOLOGIE, unter besonderer Berücksichtigung der Nidologie und aller das Bütgeschäft betreffender Beobachtungen.

1911-14. Herausgegeben von G. Krause. 4to. Illustrations and other figures. Jahrg. I-VI (? All pub.) [When the above title was assumed the original *Zeitschr. f. Oologie* had been changed to *Zeitschr. f. Oologie und Ornithologie.*] Stuttgart.

ZEITSCHRIFT FÜR ORNITHOLOGIE UND PRACTISCHE GEFLÜGELZUCHT.

1884-1913. Organ des Verbandes der ornithologischen Vereine Pommerns und Mecklenburgs. Jahrg. III (VIII)-XXXVII. *Svo.* The continuation of the *Zeitschrift des Verbandes der ornithol. Vereine Pommerns und Mecklenburgs.* Stettin.

This is one of the oldest of the combined popular and scientific journals published in Germany. It had many well-trained observers as contributors of valuable papers.

ZEITSCHRIFT DES ORNITHOLOG. VEREINS IN STETTIN.

1877-81. Organ of the Verein. Six double numbers yearly. Jahrg. I-V. Continued as the *Zeitschr. des Verband. d. Ornith. Verein. Pommerns, etc.* Stettin.

ZEITSCHRIFT FÜR PRAKTISCHE GEFLÜGELZUCHT UND ORNITHOLOGIE. 1877-1911. Stettin.

1883-99. As Ornithologischer Verein zu Stettin.

ZEITSCHRIFT FÜR SÄUGETIERKUNDE, im Auftrage der Deutschen Gesellschaft für Säugetierkunde.

1926-~~8~~ *Svo.* date. *Svo.* Berlin.

← Zeitschrift f. Anatomie u. Entwicklungsgeschichte. 1921-23. v. 60-69.

← Zeitschrift f. mikroskopisch-anatomische Forschung. 1924-30. v. 1-22.

→ Zimmer, 1909. Schizopoden d. Nordischen Plankton. 384 figs.

→ Zimmermann, Joh. Georg. 1755. Sull' insensibilità e inabilità
di alcune parti degli animali. Roma.

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ZEITSCHRIFT DES VERBANDES DER ORNITHOLOG. VEREINE POMMERNS UND MECKLENBURGS.

1882-3. Herausgegeben und redigirt vom Vorstande des Stettiner Zweigvereins. *8vo.* This periodical is the forerunner of the *Zeitschrift f. Ornithologie und Practische Geflügelzucht*; and itself continues the *Zeitschr. des Ornith. Vereins in Stettin*.

ZEITSCHRIFT FÜR VOGELLIEBHABER, ZÜCHTER UND HÄNDLER. [1872]. *Berlin*.

The Compiler knows nothing of this periodical except the reference to it in *Ibis*, 1873, p. 493. Supplement.

ZEITSCHRIFT FÜR VOGELSCHUTZ UND ANDERE GEBIETE DER NATUR-SCHUTZES.

1920. Mitteilungen des Bundes für Vogelschutz E. V. (Sitz Stuttgart). Herausgegeben von Dr. Herman Helfer. *8vo. illust.* Jahrgang. I Heft, Januar, 1920. *Württemberg*.

The 'Bund für Vogelschutz' forms a widespread league for the popular protection and propagation of bird life in Germany. Its officers are well-known philanthropists, and the collaborators in the conduct of its organ are equally well-known names in ornithology.

ZEITSCHRIFT FÜR VOGELZUCHT. The German title of the (Russian) *Wjestnik Ptizewodstwa* (q.v.).**ZEITSCHRIFT F. WISSENSCHAFTL. BIOLOGIE.**

1924-30. Abteilung A. (or) *Zeitschrift f. Morphologie u. Oekologie d. Tiere.* *Berlin*.

ZEITSCHRIFT FÜR WISSENSCHAFTLICHE ZOOLOGIE. 1848-date. *Leipzig*.**ZEITSCHRIFT FÜR ZOOLOGIE UND VERGLEICHENDE ANATOMIE.** See FAUNUS.**ZEITUNG FÜR ZOOLOGIE, ZOOTOMIE UND PALAEOZOOLOGIE.** *Leipzig*.

1848-9. (All pub.).

ZEITZ, A. 1896. See HORN, W. A., Report on the . . . Scientific Expedition.**ZELEDON, JOSÉ C.**

1882. Catalogo de las aves de Costa-Rica. *8vo. pp. 39. index.* *San José, Costa-Rica.*

A list (without comment) of the birds visiting and indigenous to Costa Rica, 388 species in all. There is also an index of genera. The volume in hand is a rare item, a presentation copy to F. Ducane Godman, from whose library it was obtained.

ZÉLÉE. *French Corvette.*

1842-54. VOYAGE AU PÔLE SUD . . . SUR L'ASTROLABE ET LA ZÉLÉE. See VOYAGES, FRENCH.

ZELL, TH.

1908. Unterscheidet das Tier Mann und Frau? *Berlin*.

An important question from the sociologic-biologic side of comparative zoology, which the author answers to his own satisfaction.

ZENTRALBLATT FÜR ZOOLOGIE, ALLGEMEINE UND EXPERIMENTELLE BIOLOGIE.

1912-81. Vols. I-VI. (All pub.) *Leipzig*.

Successor of *Booth's Zentralbl. f. v.*

ZERBST. Bericht d. Naturwissenschaft. Vereins zu Zerbst. 1922-7.**ZICHY, JENÖ** [1837-1906].

1901. Dritte Asiatische Forschungsreise . . . Bd. II. Zoologische Ergebnisse. *4to. pp. 41+470. 28 col. pl. text-figs.* *Budapest and Leipzig.*

A valuable contribution to Asiatic biology, printed in Hungarian and either Latin, French, or German in parallel columns. The mammals, reptiles, and amphibia are described by L. Méhely, and the birds by J. Madarász.

ZIEGLER, HEINRICH ERNST [1858-].

1907-9. Zoologisches Wörterbuch. *8vo. illust.* ? *Jena.*

ZIGNO, ACHILLE DE [1831-92].

1874. Pesci fossili nuovi del calcare, etc. *4to. 8 pl.* ? *Padova.*

ZIMMER, JOHN TODD [1889-].

1924. The wild turkey. *8vo. pp. 15. front. 1 fig. (vignette). bibliogr.* *Chicago.*

Author's reprint. A short but interesting account of the Wild Turkey (*Zoological Leaflet*, No. 6, Field Museum of Natural History, Chicago).

1926. Catalogue of the Edward E. Ayer ornithological library. (Field Museum of Natural History. Publication 239, 240. Zoological series, vol. xvi.) 2 vols. *8vo.* Pt. I, pp. x+364. front. (col.). 7 pl. Pt. II, pp. 365-706. front. 3 pl. *Chicago.*

One of the most useful, practical, and carefully prepared of all annotated catalogues available for the student of ornithology. It is an authors' catalogue of the Ayer Library alone and does not include the numerous additional ornithological titles in the general library of the Field Museum of Natural History. Plates mostly represent title-pages of rare books or unpublished drawings of birds. From a note at the end of part II we learn that in the works catalogued there are approximately 50,995 plates of birds, 1,981 plates of birds' eggs, and 39,347 text-figures of ornithological subjects. Attached to the copy in hand are two letters to Dr. Casey Wood, one from D. C. Davies and another from John T. Zimmer. The Compiler of this *Introduction* again acknowledges the valuable assistance he has had from these admirable volumes.

ZIMMERMAN, EBERHARD AUGUST WILHELM VON [1743-1815].

1777. Specimen zoologiae geographicae, etc. *4to. pp. 24+685. 1 map.* *Lugduni Batavorum.*

An early and well-known essay on zoogeography.

1778-83. Geographische Geschichte des Menschen und der vierfüßsigen Thiere. 3 vols. *8vo. Leipzig.*

1793. G. Imlay's Nachrichten von dem westlichen Lande der Nordamerikanischen Freistaaten. *8vo. pp. 16+168.* See IMLAY, GEORGE; also BARTRAM, W. *Berlin.*

ZIMMERMANN, RUDOLF.

1910. Tiere der Heimat; Bilder und Skizzen aus dem Tierleben unseres Vaterlandes. *8vo. pp. 163. pl. 100 text-figs.* *Leipzig.*

A graphic account of common German faunal life including many birds. From the Cabanis-Reichenow collection.

[1910]. Vom Nutzen und Schaden unserer Vögel. *8vo. pp. 76. 6 pl. text-figs.* *Leipzig.*

ZINANNI, GIUSEPPE, Count. See GINANNI, G., Count.**ZINATU'L-KHAYL.**

1907. A versified treatise in Hindustani [written about 1835 by Mahdi Hasan] on horses. Lithograph. pp. 220. *Cawnpore.*

- ZITTEL, KARL ALFRED VON** [1839-1904].
 1871-2. *Aus der Urzeit*. 8vo. pp. 596. 7 pl. 4 maps. text-figs. Munich.
 The first edition of a popular work on paleontology, a second printing having been issued in 1875.
1875. *Aus der Urzeit. Bilder aus der Schöpfungsgeschichte*. 2nd ed. 8vo. pp. 16+630. 5 maps. text-figs. München.
- 1876-93. *Handbuch der Paläontologie*. 5 vols. illust. Leipzig.
 A comprehensive study of the subject from the earliest times to the end of the nineteenth century, later translated into English and French.
- 1883-94. *Traité de paléontologie* [tr. by Charles Barrois and others]. 5 vols. illust. Paris.
1903. *Text Book of Paleontology*. English tr. by C. R. Eastman. 2 vols. illust. New York.
 This, the latest translation of a valuable work, should be read in the original by research students although the translator has done his work fairly well.
- ZOE; A biological Journal**. San Francisco.
 1890-1918. (Suspended 1894-1900.)
- ZOOFILO**. (*Società Zoofila Napoletana*.)
 1875-date? Naples.
- ZOOFILO VENEZOLANO**. 1896-1900? Caracas.
- ZOOIASIS**. 1834-6? Leipzig.
- ZOOLOGE**. 1795-7? Eisenbach.
- ZOOLOGIA**. See **ZOOLOGICA**. New York.
- ZOOLOGIA DANICA**.
 1878-1907. *Afbildninger af Danske Dyr med populær Text*. Paabegyndte af J. C. Schiødte. Pts. 1-12. (All pub.) 4to. pp. 968. 72 col. pl. Kjøbenhavn.
- ZOOLOGICA**.
 1887-1923. Leuckhart and Chun. See **BIBLIOTHECA ZOOLOGICA**. Cassel, Stuttgart.
- ZOOLOGICA**. (Scientific Contributions of the New York Zoological Society.) 1907-date. New York.
- ZOOLOGICÆ RES**. 1894. Rome.
- ZOOLOGICAL BULLETIN**. Boston.
 1897-9. Succeeded by *Biological Bulletin*.
- ZOOLOGICAL ILLUSTRATIONS**. London.
 1820-3.
 1829-33. New series.
- ZOOLOGICAL JOURNAL**. London.
 1824-34. Supplement 1835. (All pub.)
 Edited by N. A. Vigors. 5 vols. in 20 pts. 129 pl. many col. A valuable periodical.
- ZÖOLOGICAL MAGAZINE**. 1833. London.
- ZOOLOGICAL MAGAZINE**. Tokyo.
 1888-1897. In English, French and Japanese. See also **ANNOTATIONES ZOOLOGICAE JAPONENSES**.
- ZOOLOGICAL MISCELLANY**. (Gray.) 1831-44? (All pub.). London.
- ZOOLOGICAL MISCELLANY**. 1814-17. (All pub.) London.
- ZOOLOGICAL QUARTERLY**.
 1903-5 (May). Vols. 1-3. (All pub.) 8vo. illust. Edited by H. A. Surface. Harrisburg, Pa.
 This periodical is entirely devoted to "Birds about the Farm"—owls, hawks, and other common avifauna.
- ZOOLOGICAL RECORD**. London.
 1864-date. Nos. 1-6 as *Record of Zoological Literature*. Nos. 43-52 as *International Catalogue of Scientific Literature*.
 Alfred Newton was the first editor of this most valuable of all English Catalogue-periodicals.
- ZOOLOGICAL SOCIETY BULLETIN**. See **NEW YORK ZOOLOGICAL SOCIETY**.
- ZOOLOGICAL SOCIETY OF EGYPT**.
 1927-8. Bulletin.
- ZOOLOGICAL SOCIETY OF LONDON**.
 1848-66. Illustrations.
 1830-60. Proceedings.
 1861-date. Proceedings.
 1835-date. Transactions.
 [1826-]1927. Centenary History, with an account of the mammals, birds, reptiles, and amphibia.
- ZOOLOGICAL SOCIETY OF PHILADELPHIA**.
 1873-date. Annual Report.
 1923-date. Report of Laboratory and Museum of Comparative Pathology.
- ZOOLOGICAL SOCIETY OF TOKYO**. See **ZOOLOGICAL MAGAZINE, TOKYO**.
- ZOOLOGICA PALAEARCTICA**. See **PALLASIA**.
- ZOOLOGICHESKIĬ VESTNIK**. 1916-date. Leningrad.
 French title: *Journal Russe de Zoologie*. Résumé in English and French.
- ZOOLOGICHNĬI ZHURNAL UKRAĬNI**. VSEUKRAĬNS'KA AKADEMĬIA NAUK.
- ZOOLOGISCH-ANATOMISCHES INSTITUT ZU WÜRZBURG**. See **WÜRZBURG**.
- ZOOLOGISCH-BOTANISCHE GESELLSCHAFT, VIENNA**.
 1901-25. *Abhandlungen*. (All pub.)
 1851-date. *Verhandlungen*.
- (K.) **ZÖOLOGISCH-BOTANISCH GENOOTSCHAP**. Hague.
 1864-date. *Verslag*.
- ZOOLOGISCHE ANNALEN**. 1793. See also **MAGAZIN F. D. THIERGESCHICHTE**, etc. Weimar.
- ZOOLOGISCHE ANNALEN**. 1905-19. (All pub.) Würzburg.
- ZOOLOGISCHE BEITRÄGE**. 1883-92. (All pub.) Breslau.
- ZOOLOGISCHE BEITRÄGE AUS UPSALA**. See **UPSALA, UNIVERSITÄT**.
- ZOOLOGISCHE GESELLSCHAFT**. Hamburg.
 1862-1920. Bericht.
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← Zoological Society of San Diego. 1924-date. Bulletins. 116. 1-

7 Zool. Zentralbl. 18 vols. [all pub.] Schubert, A., ^{Ed. by} Bütschli, O. and Hatschek, B.
also the successor, Zentralblatt f. Zoologie, Vol 1-14 1912-18. [all pub?]

Zürn. Z.S. ^{1902.}
^ Der Kanarienvogel. ca. 800 pp 188.
index. Berlin. Illust. ~~1888~~ 1902.

ZOOLOGISCHE JAHRBÜCHER. *Jena.*
1910-date. Abt. für Allgemeine Zoologie und Physiologie der Tiere.

1888-date. Abt. für Anatomie und Ontogenie der Tiere.

1888-date. Abt. für Systematik, Geographie und Biologie.

1886-date. Supplement-Band.

ZOOLOGISCHE MEDEDEELINGEN. *See*
LEYDEN. RIJKS MUSEUM VAN NATUURLIJKE HISTORIE.

ZOOLOGISCHER ANZEIGER. *Leipzig.*
1878-date. Vols. 1-78. *See also* DEUTSCHE ZOOLOGISCHE GESELLSCHAFT.

ZOOLOGISCHER BEOBACHTER. *See* NATURWISSENSCHAFTLICHER BEOBACHTER.

ZOOLOGISCHER BERICHT. 1922-date. *See* DEUTSCHE ZOOLOGISCHE GESELLSCHAFT. *Jena.*

ZOOLOGISCHER GARTEN. *Frankfurt a. M.*
1871-91. Organ der Zoolog. Gesellschaft.
1892-date. Neue folge.

ZOOLOGISCHER JAHRESBERICHT. 1879-1913. (All pub.) *See* NAPLES, STAZIONE ZOOLOGICA. *Leipzig.*

ZOOLOGISCHES MAGAZIN. 1817-23. *Kiel.*

ZOOLOGISCHES STAATSMUSEUM UND ZOOLOGISCHES MUSEUM ZU HAMBURG.

1884-1914. As Naturhistorisches Museum.

1882-date? Jahresbericht.

1893-date. Mitteilungen.

ZOOLOGISCHE STATION IN TRIESTE.
See ARBEITEN AUS DEM ZOOLOGISCHEN INSTITUT DER UNIVERSITÄT WIEN UND DER ZOOLOGISCHEN STATION IN TRIEST.

ZOOLOGISCHES ZENTRALBLATT. 1894-1912. (*all pub.*) *Leipzig.*

ZOOLOGISCHE ZEITUNG. 1867? *Berlin.*

ZOOLOGISCH-ZOOTOMISCHES INSTITUT, GRATZ, AUSTRIA.
1886-date. Arbeiten.

ZOOLOGISCH-ZOOTECNISCHES INSTITUT IN WÜRZBURG.
1874-83. Arbeiten. Vols. I-VI.

ZOOLOGISKA BIDRAG FRÅN UPPSALA.
1911-18. Vols. 1-6.

ZOOLOGIST. *London.*

1843-65. Series 1.

1866-76. Series 2.

1877-96. Series 3.

1897-1916. Series 4.

Merged into British Birds.

ZOOLOGISTS. Manuscript and typescript letters of.

A large assemblage (about 25,000) of letters—mostly autographic—

of zoologists has been gathered for both the Blacker and E.S.W. libraries. They include the Robert Ridgway, Lord Lilford, Bowdler Sharpe, J. A. Allen, Woodward (*Br. Mus.*), Elliott Coues, William Brewster, Casey Wood, and several other collections covering the past 200 years.

These documents are of great interest and cannot fail to be valuable and useful to biographers and others especially concerned in the history of biology. Access to them is carefully guarded, and their use in research is strictly confined to serious and advanced students of biology and its literature.

In addition to this indexed and chronologically arranged collection, several hundred letters relating to works on the shelves have been inserted in library copies.

ZOOLOGY OF THE VOYAGE OF H.M.S. 'BEAGLE'.

1839-43. Edited . . . by C. Darwin. *4to. London.*

The zoologic annals of this famous scientific expedition appeared in five parts, the first devoted to Fossil Mammalia (1838-40), by R. Owen (with an Introduction by Darwin), pp. 4+111 and *illustr.* with 32 pl., 1838-40. The second part comprises Mammalia (1838-9), by G. R. Waterhouse (Introduction by Darwin), pp. 5+97, 35 col. pl.; the third treats of the Birds (1838-41) of the Voyage, by John Gould (an Introduction by Darwin and an anatomical appendix by T. C. Eyton); the fourth discusses the Fish (1840-2), by L. Jenyns, pp. 15+172 and 29 pl.; the fifth, Reptiles (1842-3), by T. Bell, pp. 6+51. *See also* BEAGLE, VOYAGE OF, and DARWIN, CHARLES.

ZOOPATHOLOGICA. (New York Zoological Society.) 1916-date. *New York.*

ZOOPHILIST. *See* ANIMALS' DEFENDER AND ZOOPHILIST.

ZOOTECNICO. 1875-91. *Turin.*

ZORN VON PLOBSHEIM, FRIEDRICH AUGUST [1711-89].

1733-63. Vorstellung der Vögel in Teutschland. *See* FRISCH, J. L.

ZOUCHE, ROBERT CURZON [1810-73].

1854. Armenia; a year at Erzerroom, and on the frontiers of Russia, Turkey, and Persia. *Svo. pp. 17+226. 6 pl. 3 figs. New York.*

Contains an account of the great variety and vast numbers of birds, with a list of the various species (171) found at Erzerroom.

ZSCHOKKE, FRIEDRICH [1860-].

1921. Festschrift zur Feier des 60. Geburtstages von Friedrich Zschokke. 42 pts. in 1. *4to. portr. illust. Basel.*

Contains a number of papers on vertebrate zoology, although the naturalist himself wrote mostly on invertebrates.

1928. Die Tierwelt d. Kantons Tessins. *Basel.*

ZUGMAYER, ERICH [1879-].

1911. Diagnoses des Poissons nouveaux . . . du yacht 'Princesse-Alice', 1901-10. (Institut Océanographique, Prince of Monaco.) *Svo. Monaco.*

ZULIANI, MARCO E PIETRO.

n.d. Raccolta di 125 tavole di Uccelli relative alla Storia Naturale del Buffon . . . et al. *See* BUFFON, G. L. L.

ZÜRICH. Naturforschende Gesellschaft.

1799-1930. Neujahrsblatt. (Under various changes of title.)

1856-1930. Vierteljahresschrift.

ZUR STRASSEN, O. 1911-13. *See* BREHM, A. E.

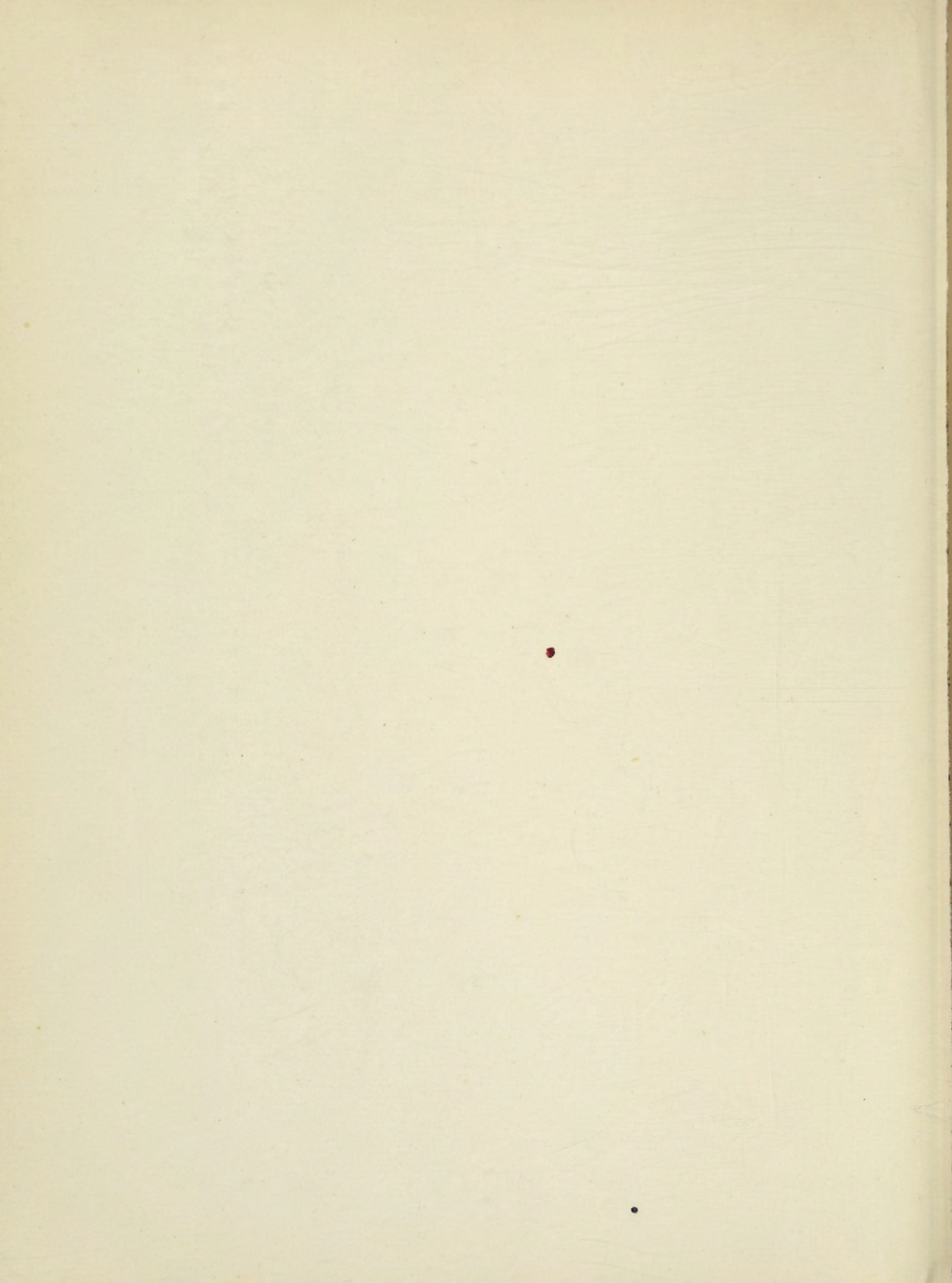
ZWART, KERST.

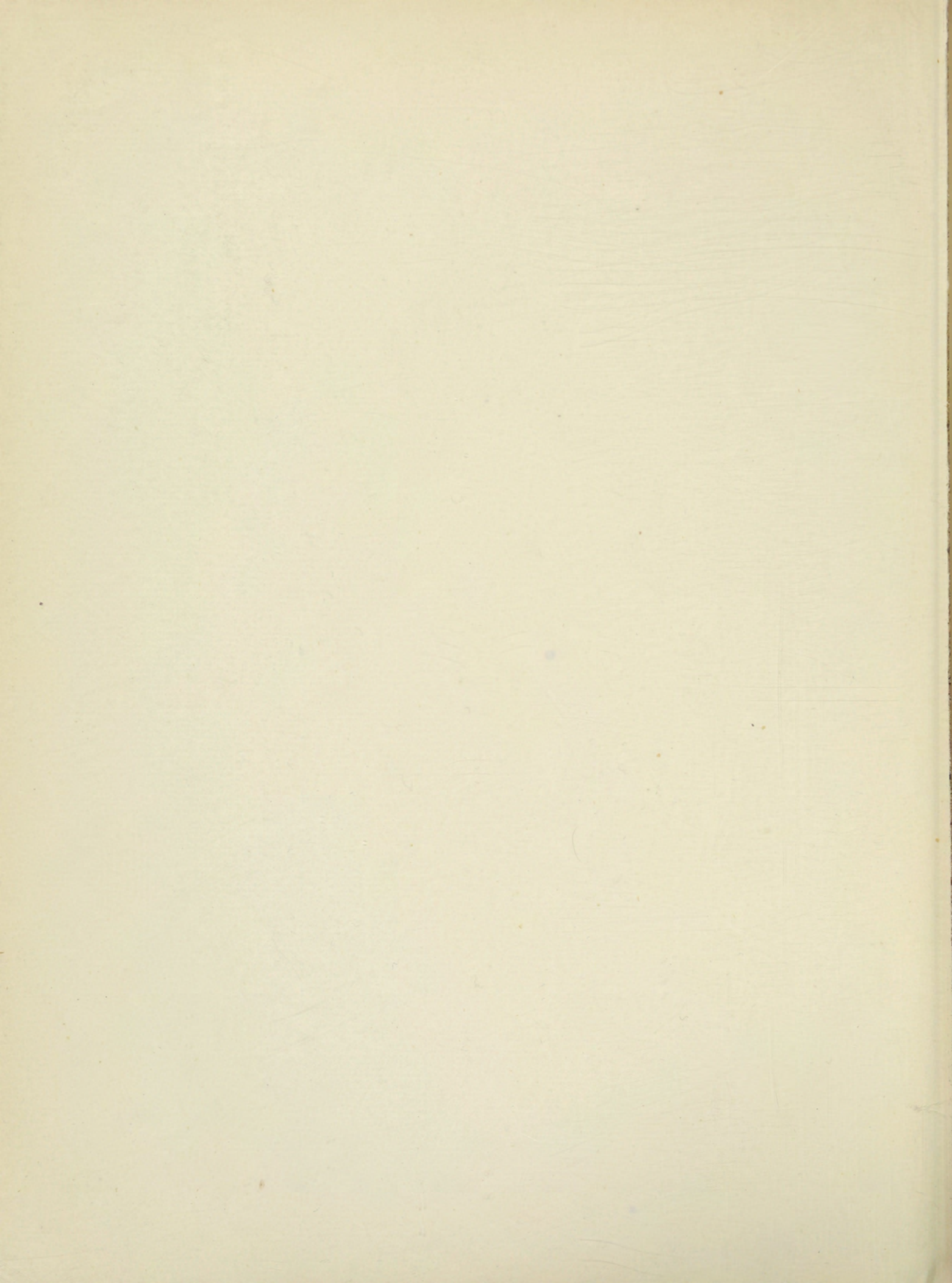
1918. Vogelboek; zangers en krassers bij huis en schuur, etc. 2nd ed. *Svo. pp. 14+168. illust. Zutphen.*

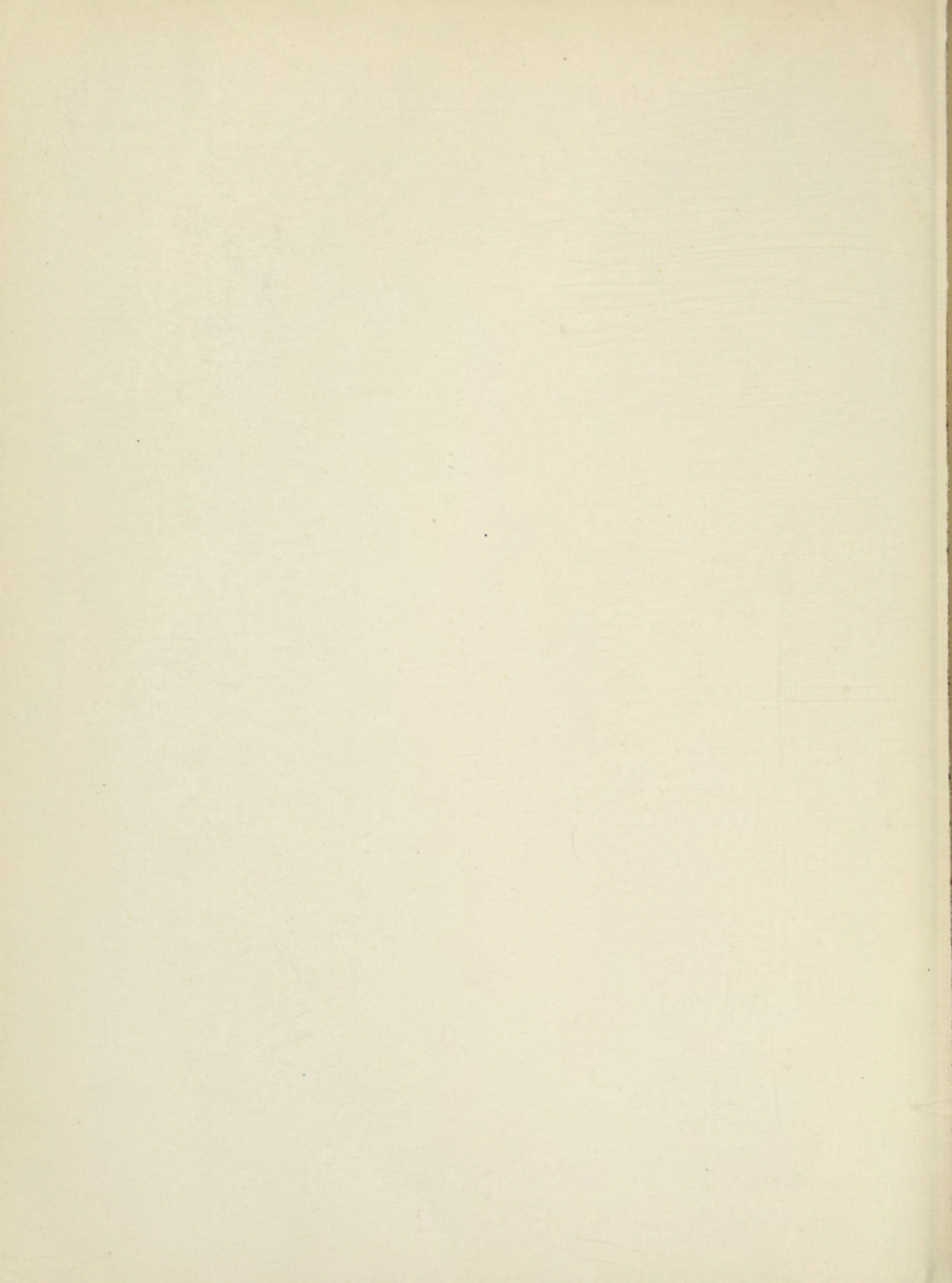
ZWICKAU.

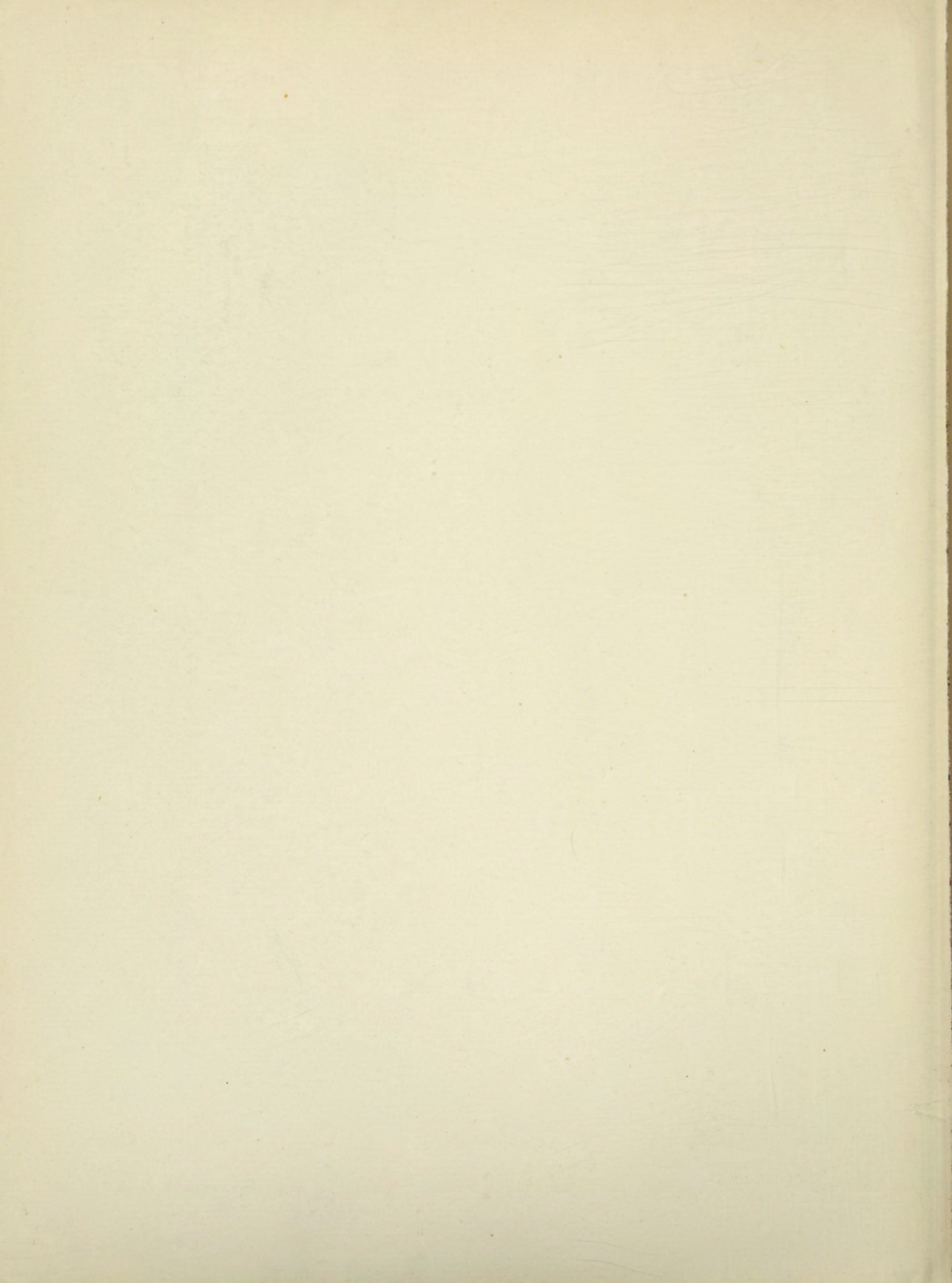
1874-1930. Verein für Naturkunde Jahresbericht. *Svo. Zwickau.*

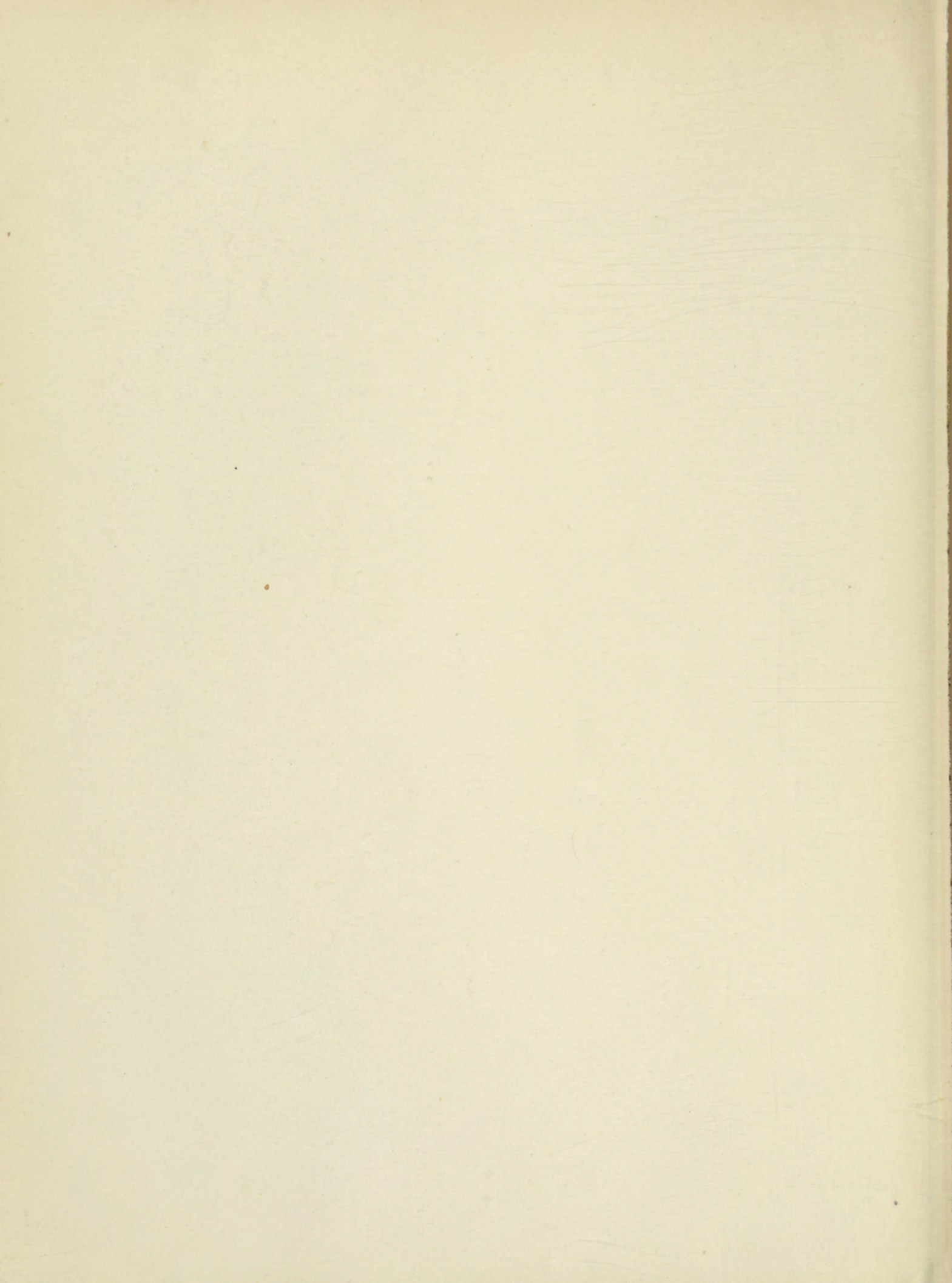
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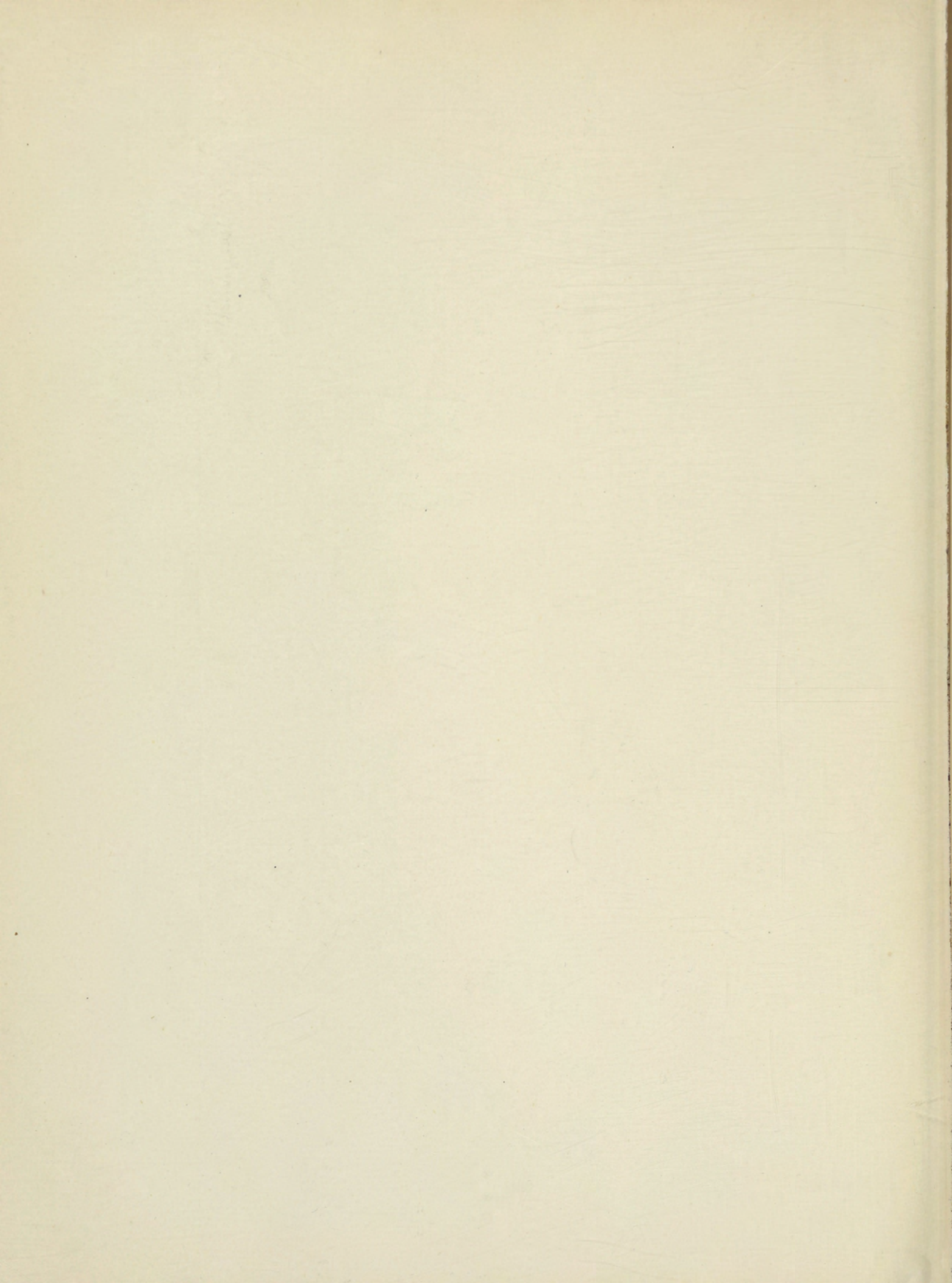


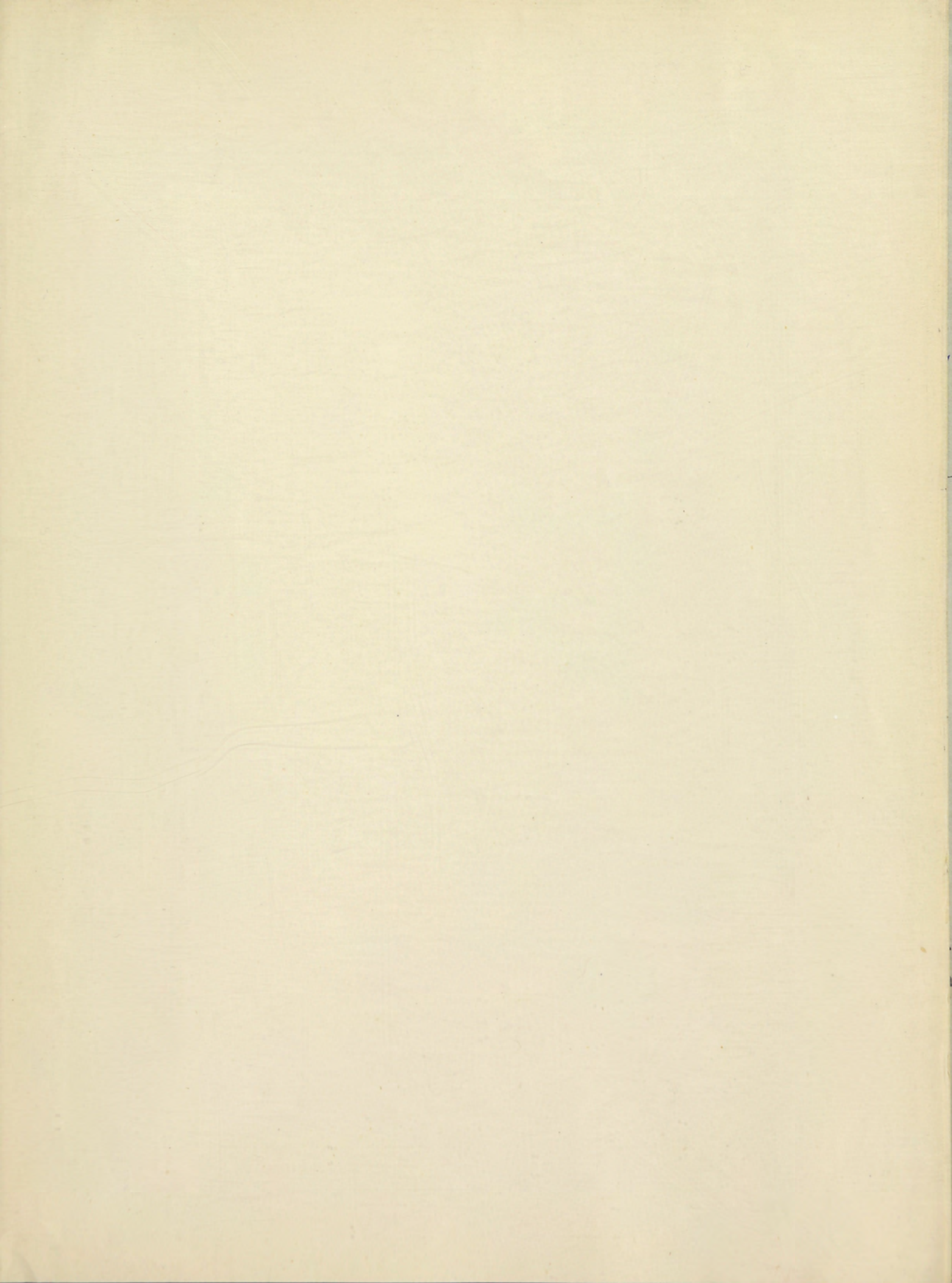


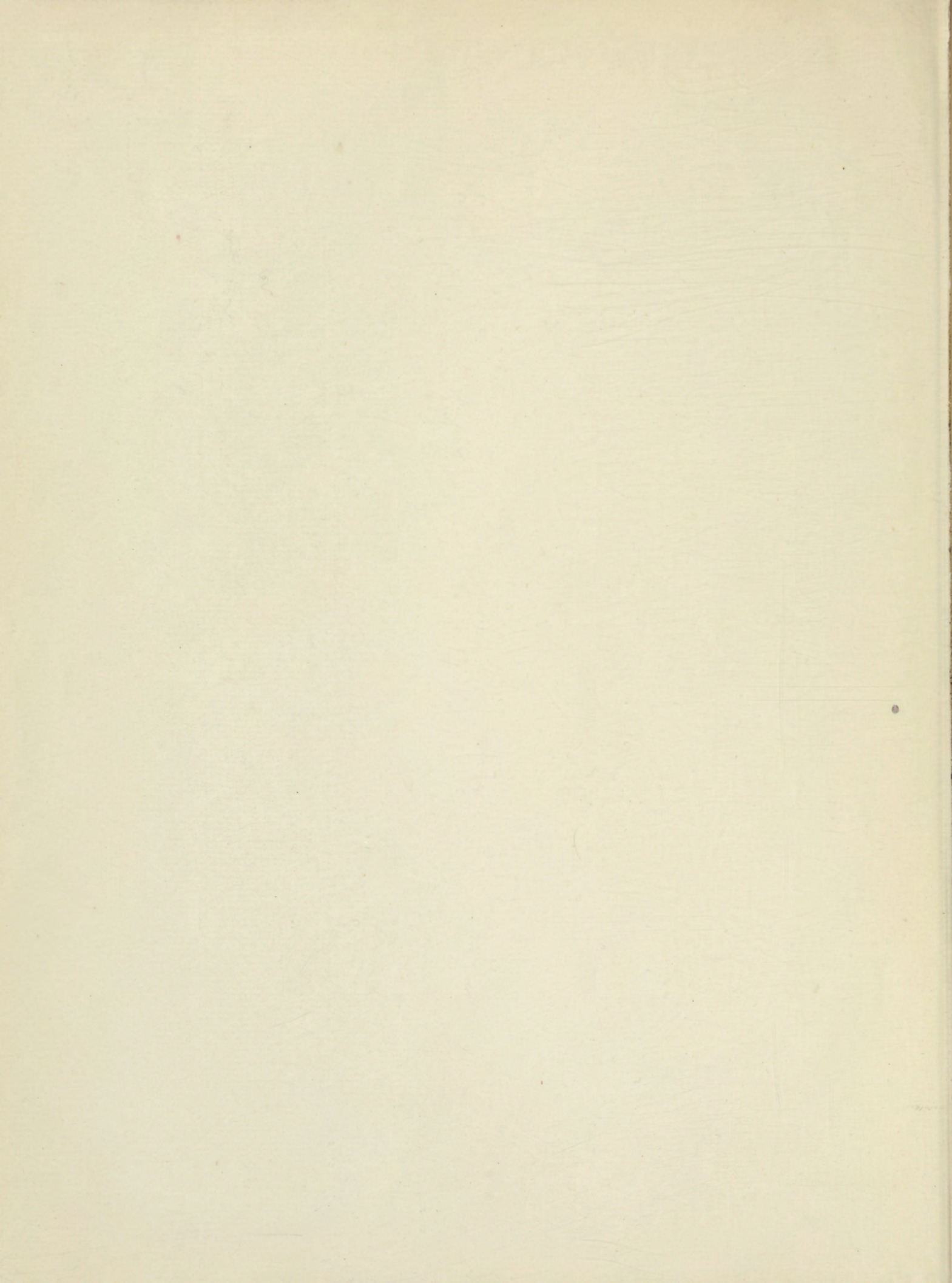












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COLLABORATOR

November 20th
1931

Casey A. Wood, LL.D. M.D.
Vista del Arroyo, Pasadena, Cal.

My dear Dr. Wood,

Many thanks for your letter of Nov. 5th. Noted that you meanwhile may have sent to Dr. Lomer a carded index to all the addresses to whom copies of the Catalogue have been sent, according to which I shall notify those on my list that it was at my suggestion that they were supplied with copies. I only want two more copies, one to be sent to Prof. Courant, Lyon, and the other to the compiler of the Chinese works on zoology, Dr. C.B. Kwei, present Librarian of the Northeastern University, Moukden Manchuria. I think you have been very good to us to donate so many copies; accept my thanks for your generosity.

As already stated in my last letter to you, your work is admirably conceived, and I can believe readily that it took six years of continuous, painstaking work to bring it to a conclusion. Your disposition of the preliminary chapters, their contents, everything chronologically arranged, is excellentissime. The Catalogue itself, with your innumerable footnotes, offers a fund of information never before attained in any similar work. You have my heartiest congratulations for this opus maximum of yours, which will be a manual for students for generations to come.

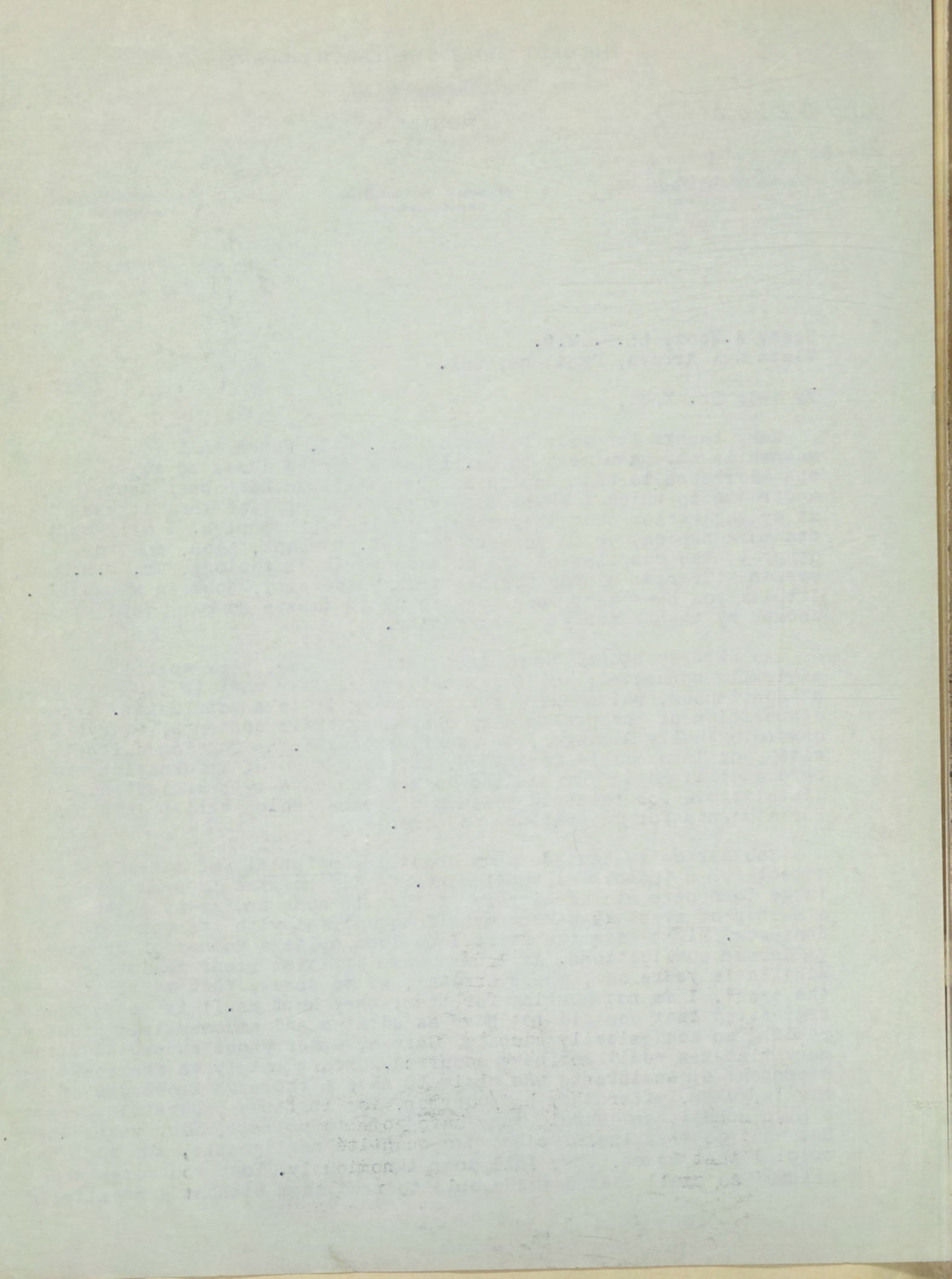
You ask me to let you know about any material mistakes I may detect for a (possible) supplement. Having no time to read your large tome here at the Library, I took it home and spent quite a number of evenings making myself acquainted with its wonderful contents. Right from the start I noticed quite a number of errata in German publications. As I have been official proof reader at McMillan's years ago, these errata, so to speak, "hit me right between the eyes", I am not hunting for them, they hunt me. It is to be greatly regretted that you did not have as adlatus and amanuensis in proof reading an academically educated German, under whose supervision the many mistakes would not have occurred. Unfortunately we are sometimes dependent on assistants who claim to have a thorough knowledge of any language, after they had German, for instance, several years at a High School, and should they have gone to college, four years there. But what do they learn? c'est une quantité négligeable, and when the crucial test comes, they fall down ignominiously. Your footnotes were printed so small that I was unable to read them without a magnifying

Ans. Dec 20. 31.

Thanks for critique
files for interleaved

ROBERT DE RESILLAC-ROESE, PH.D.,
CURATOR

葛思德華文藏書庫

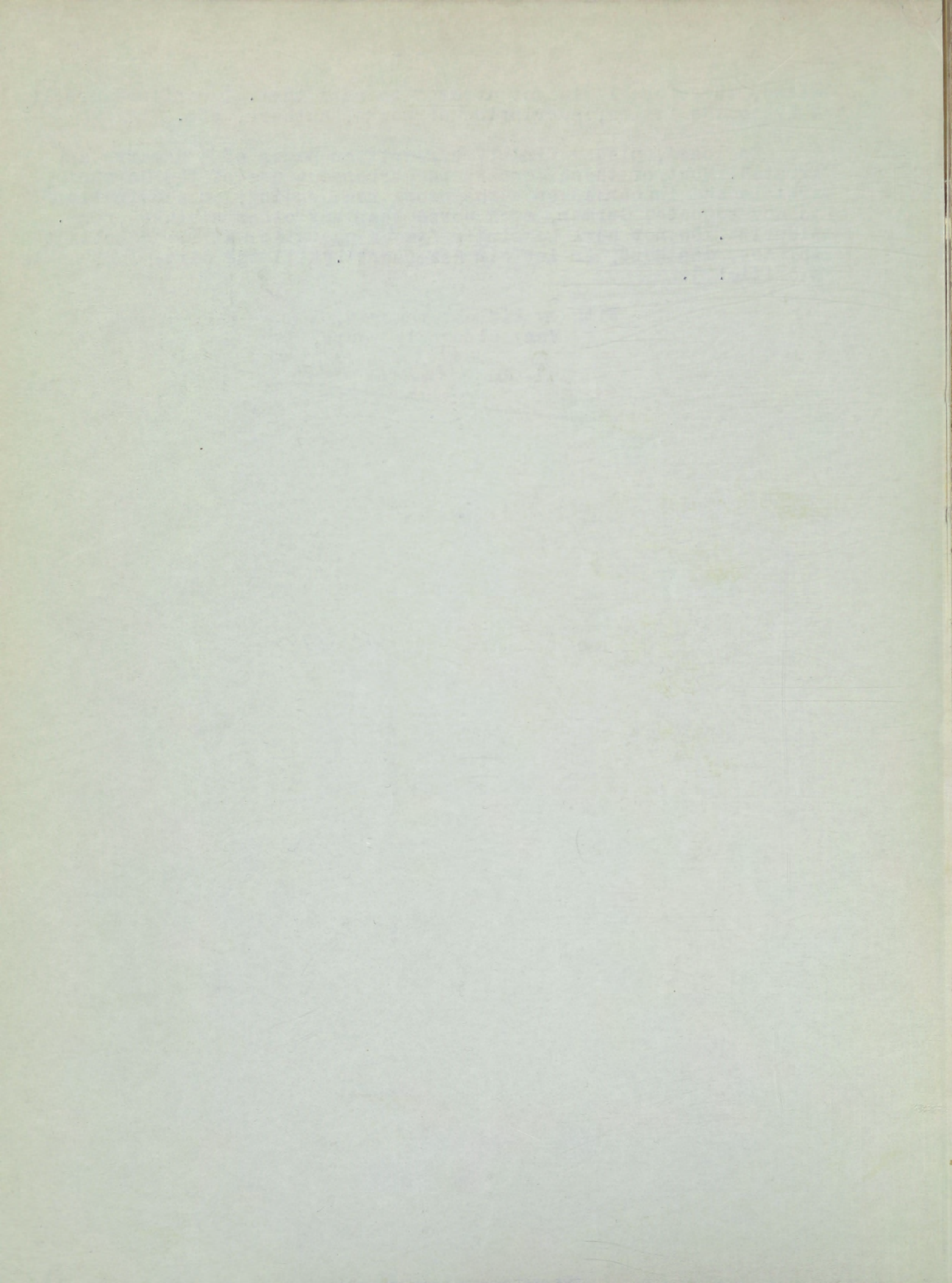


glass, therefore I did not attempt to read them. I confined myself only to the titles, description of works, authors, etc.

Enclosed, please find 17 typewritten pages of "Remarks and Errata". Most of these concern the erroneous use of the German article and in consequence the wrong noun ending, an abomination to any educated German, much worse than any other mistake, resp. misprint. Do not hurl Lessing's famous quotation at me: "Schlagt ihn tot, den Hund, er ist ein Rezensent". [Kill the dirty dog, he is a critic!].

With my kindest regards,
Very sincerely yours,

R. de Réville-Rose



REMARKS and ERRATA

*make changes
myself in
interleaved
as errata*

✓ Page IX

This is not a Chinese proverb, but a translation from an ancient Dictionary, Ying sung ch'ao nui t'u êrh yā by Dr. Nancy Lee Swann, of the Gest Library .

✓ Pages X-XI

Why not translations of all passages ?

✓ Page XV, 2nd paragraph

should read " Chinese" and not "oriental" works.

✓ Page 2, 4th paragraph

Pliny died A.D. 79 through the eruption of Vesuvius, when Herculaneum and Pompeii were destroyed. On page 520 you give the correct year of his death(23-79)

✓ Page 10, 2nd col.

Must read " Das Gute liegt so nah" and not "Die Güte"; this is part of a well known saying of Goethe "Warum in die Ferne schweifen? Sieh, das Gute liegt so nah .

✓ Page 15, 2nd col. 4th parg.

Academy is usually written in German with a k, i.e. Akademie.

Dantzic is spelled wrong; it is Danzig .

✓ Page 16, 1st col. 5th parg.

You spell here "Uppsala"; later on "Upsala"; should be uniform through the work .

✓ Page 25, 2nd col. parg. 4

Umlaut missing over u , must be zurück schreitende

Handwritten notes:
Major's copy
original in
Museum
as copy

BERNARD and ERATA

Page IX

This is not a Chinese proverb, but a translation from
an ancient dictionary. Yin and yang are not in the
by Dr. Nancy Lee Swann, of the East Library.

Pages X-XI

Why not translations of all passages?

Page IV, 2nd paragraph

should read "Chinese" and not "original" words.

Page 2, 4th paragraph

Pliny died A.D. 79 through the eruption of Vesuvius.
When Herodotus and Ptolemy were destroyed. On page 280

you give the correct year of his death (27-29)

Page 10, 2nd col.

Want read "Das Götter" first so and not "die Götter";

this is part of a well known saying of Goethe "Nur in die

Forme einschließen Götter, das Götter" first so and

Page 12, 2nd col. 4th para.

Academy is usually written in German with a K. i. e.

Alphabetic.

Dankig is spelled wrong; it is Dankig

Page 12, 1st col. 5th para.

You spell here "Uppala"; later on "Uppsala"; should be

unfolds through the work.

Page 25, 2nd col. para. 4

Belant meaning a sort of Belant nobilitate.

✓ Page 26, 1st col. parag. 3

Why use "translated?" insteddof transferred. As far as I know this form is used nowadays only in ecclesiastical transfers.

✓ Page 28 2nd col., 5th line below: Natürliche, instead of naturliche
✓ Page 34, 2nd col. 2. parag.

Ornithologie .

✓ Page 40 , 1st col. 1st parag.

You write "Pliny and Aristotle"; the latter should come first, as he antedates the other.

✓ Page 42, 1st col , parag. 1

✓ Lübeck, not Lubeck

" 1st col. parag. 2

Is it not Bowditch ? I knew several doctors of the name in Boston. *Aus. No; Bowdich is correct*

✓ Page 46 , Caption under "Animal Painters".

I miss the name of the most famous German animal painter Wilhelm Kuhnert (1865-). Some of his main works are "Farbige Tierbilder" (1910-1911); " Im Lande meiner Modelle" (2te Auflage, 1920). In Title Catalogue you have mentioned him and some of his works on p. 423. and following, under Captions.

✓ Page 58,

Would have used different type for subjects; to instance, first line " Treaises on Paleontology", in order to differ from the following names of authors. Later on: "Monographs of Local American Faunists ", etc., etc.

✓ Page 70, 2nd col. parag. 4

Alexander von Humboldt:

no; like the names of authors these are simple headings -

oh, Hell!

Page 28, 1st col. para. 3

Why use "translated" instead of transferred. As far as I know this form is used nowadays only in occupational

Page 28 2nd col. 5th line below: Natürliche, instead of natürliche
Page 27 2nd col. 2. para.

Ökologie

Page 40, 1st col. 1st para.

You write "Flitz and Aristoteles"; the latter should come first, as he antedates the other.

Page 42, 1st col. para. 1

Lübeck, not Lubek

1st col. para. 2

Is it not Bowditch? I knew several doctors of the name

in Boston. (See also Bowditch a correct)

Page 46, Caption under "Animal Painters"

I miss the name of the most famous German animal painter

Wilhelm Kuhnert (1828-). Some of his main works are

"Tierliche Tierbilder" (1910-1911); "In Laube meiner

Modelle" (2te Auflage, 1920). In this catalogue you

have mentioned him and some of his works on p. 42.

Page 50, and following, under Captions.

Would have used different type for subjects; for instance,

first line "Treatise on Palaeontology", in order to

differ from the following names of authors. Later on

"Monographs of Local American Faunists", etc., etc.

Page 10, 2nd col. para. 4

Alexander von Humboldt

not the name of author

of Hall!

✓ Page 75, 2nd col. 4th line

"Verzeichniss", and not Verzeichnniss

✓ Page 59, top line

Cannot find this reference

Audupon, instead of Audubon (horribile dictu!)

Page 77 (should have been mentioned under Chapter III

✓ One of the first books on China is the famous
Beobachter, not Beobacter

1st col. 1st parg.

vaterländische, not väterländische.

✓ Württemberg, not Württemberg

2nd col. parg. 1

✓ Elberfeld, not Elberfelde

✓ Kataloge, not Katalogen.

Of modern works on Chinese zoology I call your attention to :

✓ *In lib*
"South China Birds" by Harry R. Caldwell and John C. Caldwell, Stories and legends by Muriel E. Caldwell, illustrated by more than 75 original half-tones of birds in life, nest, eggs, etc, with six colored plates by Prof. Andrew Allison, published by Hester May Vanderburgh, Shanghai, p. 1-447. [Gest Library No. 340]

✓ I also refer you to the publication of the Lignan University, Canton, "Lignan Science Journal", containing many valuable scientific articles on zoology, illustrated. The Redpath Library has only Vol. X, No. 1 and 2. Would suggest that you try to get all numbers for your Library.

✓ Page 81, 2nd col. 3rd parg.

Griechenland, not Greichenland

✓ Page 90, 1st col. 3rd parg.

Nathusius, not Nathusuis; Schmidhoffen, not Schmidhofen.

✓ Page 94, 1st col. parg. 3

in dem Caucasus; not den.

??
wrong again; both spellings
Schmidhofen

are given by Cat. Br. Mus. p. 2147

✓ Page 75, 2nd col. 4th line

"Vertebrata", and not Vertebrata

Correct first line reference

✓ Page 52, top line

Audubon, instead of Audubon (horrible blunder)

Page 77 (should have been mentioned under Chapter III)

One of the first books on China is the lesson

You write "Piliu and Aristotile"; the latter should come

first, as he antedated the other.

1st col. para. 1

1st col. not 1st para.

1st col. para. 2

Is it not Bowditch? I knew several doctors of the name

Of modern works on Chinese zoology I call your attention

"South China Birds" by Harry E. Caldwell and John G. Caldwell, species and legends by Wm. E. Caldwell, illustrated by more than 75 original half-tones of birds in life, nests, eggs, etc. with six colored plates by Prof. Andrew Alphonse, published by Messrs May Vandebrugh, Shanghai, p. 1-117. [East Library No. 340]

I also refer you to the publication of the Peking University Canton, "Peking Science Journal", containing many valuable scientific articles on zoology, illustrated. The Redpath Library has only Vol. X, No. 1 and 2. Would suggest that you try to get all numbers for your library.

✓ Page 81, 2nd col. 3rd para.

Grichenland, not Grichenland

✓ Page 90, 1st col. 3rd para.

Hathuising, not Hathuising; Schmitz, not Schmitzeler.

✓ Page 97, 1st col. para. 3

in dem Caucasus; not den.

Optical...
many copies...

✓ Page 99, col. 2, parag. 1

dozent, not docent ; Rockofeller, not Rockfeller

Page 115, 2nd col. 2nd line

the 3rd and 4th words of the Chinese Catalogue should be

✓ ch'üan shu , not ch'uan she

✓ Page 117, 1st col. parag. 3

Beobachter , not Beobacter

✓ Page 120, 1st col. 1st parag.

vaterländische, not väterländische .

✓ Württemberg, not Wirttemberg

✓ Page 122, 2nd col. parag. 1

✓ Elberfeld, not Elberfelde

✓ Kataloge, not Kataloges ^{n.}

✓ Page 126, 2nd col. parag. 4,

Instituto, not Istituto

Wrong again! The latter is correct

Page 142, 1st col. parag. 7

The year of the Hegira is usually taken as A.D. 622;

therefore it should read "about A.D. 1429, instead of 1427 —

✓ Page 152, 1st col.

I suppose the year before Avicenna refers to an edition;

as he lived 980-1037? It does.

Yah!

✓ Page 167, 2nd col.

✓ Twice Schmidhofen, instead Schmidhoffen .

✓ Page 175 1st col. line 1

✓ Aargauische, not Aargauischen

" 2nd col. 5th heavy line from below

✓ Naturforschenden , not Naturforschende

N. B. Both the Pr. M. Cat. + Zimmer's Ca spell his name two ways - with one an two fö.

- ✓ Page 176, 1st col., 13th heavy line
Gebieten, not Gebiete(Leipzig)
- ✓ Page 179, 1st col. under Adams,
Davenport, not Davomport.
- ✓ Page 188, 2nd col. under Altum
im Breisgau, not in
- ✓ Page 193, 2nd col. under Ankenbrand,
Ausländische, not Auslandische
- ✓ Page 197, 2nd col. under 1866.
entworfenen, not entworsenen
- ✓ Page 199, 1st col. last item
Sachsischen, not Sachischen
- ✓ Page 201, 1st col. unter Berlin Archiv f. Naturgeschichte
Jahrgängen, not Jahrgangen
- ✓ Page 221, 1st col. under Barkow
Vogel, not Vogel
- ✓ Page 227, 1st col. under 1803-1812
Liebhaber, not Leibhaber
- ✓ Page 233, 2nd col. under Breisgau
im instead of in ; Naturforschendem, not Naturforsch-
endee
" Last item
im, instead of in (twice)
- ✓ Page 234 1st col. 1st item
Should it be Naturgeschichts Berichte? instead of
Naturgesberichte, that is wrong; something has been
omitted. *Vide*
" 1st col. 2nd item
Des not der; Naturhistorischene ; Vereins

Page 176, 1st col., 1st heavy line

Gebieten, not Gebiete (Gebiete)

Page 179, 1st col., under Aussen

Davonher, not Davongert

Page 188, 2nd col., under Aussen

in Bräulan, not in

Page 197, 2nd col., under Ankerbrunn

Ankerbrunn, not Ankerbrunne

Page 197, 2nd col., under 1866

entworfen, not entworfene

Page 199, 1st col., last item

Stängelchen, not Stängelchen

Page 201, 1st col., unter Berlin Archiv f. Naturgeschichte

Jahrgängen, not Jahrgängen

Page 221, 1st col., unter Barken

Vögel, not Vogel

Page 221, 1st col., unter 1803-1812

Lichtaber, not Lichtaber

Page 233, 2nd col., under Bräulan

in instead of in ; Naturgeschichte, not Naturgesch-
ende

last item

in, instead of in (twice)

Page 237, 1st col., last item

should it be Naturgeschichte Berlin? instead of
Naturgeschichte, that is wrong; something has been

omitted. V.l.

1st col., 2nd item

Das not der; Naturhistorischen ; Vereinig

- ✓ Page 234, Col. 1, under Cassel
✓ Vereins, not Verein
" last item, 1st col.
✓ Allgemeinen, not Allgemein
- ✓ Page 237, 2nd col. under Beyer
in der Diluvium-Zeit, not in Dil.
- ✓ Page 239, 1st col. 2nd line
der, not ver
- ✓ Page 243, 1st col. under Blancke
Sonderzuchtvereinen, not Sonderzuchtverein
- ✓ Page 244, 1st col. under Blasius
Bälge, not Balge
- ✓ Page 247, 1st col. under Bölsche
His most famous work " Das Liebesleben in der Natur"
ought to be added; Redpath Lib. has English translation.
- ✓ Page 253, 2nd col., under Braess
unserer, not unsrer
- ✓ Page 255, 2nd col. last item
Kapitäns, not Kapitan
- ✓ Page 256, 1st col. under Bretscher
Denkschriften, not Denkeschriften
- ✓ Page 265, 2nd col. under Brünn
Naturforschenden Vereins
- ✓ Page 269, 1st col., under Bügler
Most likely im Balkan, instead zum
- ✓ Page 284, 1st col. and following pages with Chinese characters
The characters are very finely executed.
- ✓ Page 288, 1st and 2nd col.
The Chinese works might have been printed 1) those under
Ch'ên and then under Chêng, not Ch'ên, then Chêng and Ch'ên

✓ Page 254, Col. 1, under Cassel

✓ Vereine, not Verein

" last item, 1st col.

✓ Allgemein, not Allgemein

✓ Page 255, 2nd col. under Bayer

La der Divulius-Satz, not in DJ.

✓ Page 259, 1st col. 2nd line

der, not yet

✓ Page 263, 1st col. under Blanke

Sonderausstellungen, not Sonderausstellungen

✓ Page 264, 1st col. under Blaus

Bügel, not Bügel

✓ Page 267, 1st col. under Büsche

His most famous work "Das Liebesleben in der Natur"

ought to be added; Request Lib. has English translation.

✓ Page 267, 2nd col. under Bresse

anster, not anster

✓ Page 267, 2nd col. last item

Kastäne, not Kastan

✓ Page 268, 1st col. under Bretcher

Denkschriften, not Denkschriften

✓ Page 268, 2nd col. under Brinn

Naturforschenden Verein

✓ Page 269, 1st col. under Bühler

Most likely in Berlin, instead Zug

✓ Page 284, 1st col. and following pages with Chinese characters

The characters are very finely executed.

✓ Page 288, 1st and 2nd col.

The Chinese works might have been printed in those under

- ✓ Page 290, 1st col. 1st item
Vögel, not Vogel
- ✓ Page 292, 2nd col. under Cole, R.J.
Audubon, not Audobon (sic) Yes! That's the title!
- ✓ Page 310, 1st col. under Dantzig
Danzig, not Dantzig
- ✓ Page 315, 1st col. under Denker
Sprechwerkzeuge, not Sprechtwerkzeuge
- ✓ Page 316, 2nd col. under Deutsche Expedition
should be either im ~~nördlichen~~ Nördlichen Eismeer
oder in den Nördlichen Eismeeren
- ✓ Page 320, 1st col. under Discorides, 1914
Schrift, not Schfift
- ✓ Page 322, 1st col. under Dohrn
laboratory (the l is omitted)
- ✓ Page 323, 1st col. under Dorner
Gärten, instead Garten
- ✓ Page 324, 2nd col. under Driendl
Fische, not Fischen
- ✓ Page 337, 1st col. under Farinator
Kräuter, not Krauter
- ✓ Page 340, 2nd col. under Finger
Kaiserstaaten, not Kaiserstaates
- ✓ Page 342, 1st col. under Fischer
sämtlicher, not sammtlicher
- ✓ Page 348, 1st col. under Frankfurt am Main
Beobachter, not Beobacter (twice)

- ✓ Page 350, 1st col. under Fluglene ved de Danske fyr
Beobachtungsstationen, not Beobactungsstationen
- ✓ Page 357, 2nd col. under Giesel
Nomenklatur, not Nomenklator.
- ✓ Page 360, 2nd col. under Gloger(1833)
Säugethiere, not Säugthiere
- ✓ Page 366, 1st col. under Graff
Graz, not Gratz
- ✓ Page 374, 1st col. under Hahn und Küster
Ornithologischer, not Ornithologisches
- ✓ Page 375, 2nd col. under Hamburg.
Naturwissenschaftlicher
- ✓ Page 384, 1st col. under Hervieux de Chanteloup
ins Teutsche übersetzt
- ✓ Page 386, 1st col. under Heyden
Senckenbergische, not Senkenbergische
- ✓ Page 389, 1st vol. under Holtz
✓ im not in
" ✓ 2nd col. under Homeyer(1870)
✓ Mai not Maj
" ✓ 2nd col. under Homeyer(1886)
✓ gesammelt, not Gesammelt
- ✓ Page 392, 2nd vol. 3 last items
Why the omission of Chinese characters? ???
- ✓ Page 402, 2nd col. under Leipzig
Neuer Entdeckungen, not Neue Entdecken

No; it is correct title.
B Mus. Cat. p. 6

Page 350. 1st col. under Pluvinet and de Banaix 177

Beobachtungsstationen, mit Beobachtungsstationen

Page 351. 2nd col. under Giesel

18 Mar. 1879
No. 11 in second table

Kunankfurt, mit Kunankfurt

Page 352. 2nd col. under Giesel (1877)

Stügelstern, mit Stügelstern

Page 353. 1st col. under Giesel

Graz, mit Graz

Page 354. 1st col. under Hahn und Küster

Ornithologische, mit Ornithologische

Page 355. 2nd col. under Hahn

Naturwissenschaftlicher

Page 356. 1st col. under Horvitz de Chateaufort

Die Deutsche Literatur

Page 357. 1st col. under Heyden

Bergbauwissenschaft, mit Bergbauwissenschaft

Page 358. 1st col. under Hofe

im not in

2nd col. under Meyer (1870)

Mal not Mal

2nd col. under Meyer (1882)

Gesamtheit, mit Gesamtheit

Page 359. 2nd vol. 2 last items

Why the omission of Chinese characters?

Page 360. 2nd col. under Leipzig

Neuer Entdeckungen, mit Neue Entdeckungen

- ✓ Page 404, 1st col. under H.B. James (1892)
Chilean, not Chilian
- ✓ Page 409, 1st col. under Johnston (1886)
Kilimanjaro, not Kilimanjoro
- ✓ Page 413, 1st col. under Journal für Ornithologie
 - ✓ Cassel, not Cassell
 - " 2nd col. under Moscow
 - ✓ Vögeln, not Vogeln
- ✓ Page 414, 1st col.
 - ✓ Naturhistorisches Hofmuseum
 - " 2nd col, under Kaup
 - ✓ Thierreich, not Theirreich; seinen , not seinem
- ✓ Page 416, 1st col. under Kessler
 - ✓ Pruefung des Gall'schen
- ✓ Page 418, 2nd col. under Kittlitz
 - ✓ Chili? should be Chile
- ✓ Page 421, 1st col. under Koepert
 - ✓ volkswirtschaftlicher, not volkwirtschaftlicher
- ✓ Page 422, 2nd col. under Kuo P'o
 - ✓ The title of the work is omitted: Erh ya
 - ✓ Why not Chinese characters? *Don't know them!*
- ✓ Page 432, col, 1, under Lenz
 - ✓ Säugetiere, not Saugetiere
- ✓ Page 434, col. 2, under Leverkusün
 - ✓ seine, not seiner
- ✓ Page 435 vcol.2, under Leyden University
 - ✓ Chiefest, not cheifest

✓ Page 404. 1st col. under H. B. Jones (1892)

Chilien, not Chile

✓ Page 409. 1st col. under Johnston (1886)

Klimatologie, not Climatologie

✓ Page 413. 1st col. under Journal für Ornithologie

Gassel, not Cassel

2nd col. under Massow

Wegeln, not Weiden

✓ Page 414. 1st col.

Naturhistorisches Museum

2nd col. under Kämp

Thierreich, not Thierreich; seinig, not seinig

✓ Page 416. 1st col. under Kessler

Prinzip der Gall'schen

✓ Page 418. 2nd col. under Kistler

Chilly abouin de Chile

✓ Page 421. 1st col. under Koppers

volkswirtschaftlicher not volkswirtschaftlicher

✓ Page 422. 2nd col. under Kuo P'io

The title of the work is omitted: 422 12

Why not Chinese characters? 422 12

✓ Page 425. col. 1, under Lenz

Legation, not Legation

✓ Page 427. col. 2, under Levenhau

Leine, not Leine

✓ Page 427. vol. 2, under Leyden University

Chilfest, not Chilest

- ✓ Page 436, 1st col. under Lichtenstein
 - ✓ 6ten, not 6te
 - " ~~KIXXXX~~
 - ✓ 1st col, under Li Fang
 - ✓ Why omission of Chinese characters? *Don't have them!*
- ✓ Page 437 1st col. under Lindner
 - ✓ Naumburg, not Naumberg
- ✓ Page 439, 2nd col. under Loeb
 - ✓ Befruchtungsvorganges
 - " 2nd col. under Loewis
 - ✓ Baltischen
- ✓ Page 441, 1st col. under Loos
 - ✓ der Uhu, not uhu
 - ✓ [If capitals for German nouns are used, they all should be used; sometimes works are enumerated with nouns in small letters, probably copied from cards of the Library of Congress, which print their cards, resp. German nouns in small letters]
- ✓ Page 442, 1st col. under Löwis
 - ✓ Baltischen
 - ✓ [The same work is on page 441 under Loewis]
- ✓ Page 445, 1st col. under Lyons
 - ✓ Lyon, not Lyons. *[English, well-authenticated form.]*
- ✓ Page 450, 1st col. under Mangin
 - ✓ Alliés, not Allies
- ✓ Page 454, 2nd col. last item,
 - Why omission of Chinese characters? *Don't know them!*
- ✓ Page 455, 1st col. un er Maximilian
 - Prinz, not prince

Page 426. 1st col. under Lichtenstein

been, not etc

XXXXX

1st col. under Li Tang

any omission of Chinese characters?

Page 427 1st col. under Linster

Number, not Number

Page 428. 2nd col. under Loeb

Beltruchungsvorgang

2nd col. under Loewie

Beltruchung

Page 429. 1st col. under Loos

der Lin, not Lin

[If capitals for German nouns are used, they all should be used; sometimes words are enumerated with nouns in small letters, probably copied from cards of the Library of Congress, which print their cards, resp. German nouns in small letters]

Page 430. 1st col. under Lövle

Beltruchung

[The same work is on page 431 under Lövle]

Page 431. 1st col. under Lyon

Lyon, not Lyon

Page 432. 1st col. under Manlin

Allies, not Allies

Page 433. 2nd col. last item

any omission of Chinese characters?

Page 434. 1st col. under Maximilian

Prinz, not Prinz

any omission of Chinese characters?

Lyon, not Lyon

any omission of Chinese characters?

Page #57, 2nd col. under Mecklenburg

Mecklenburg, not Mecklenberg (twice)

Page #58, 1st col. under Vereinfachen

vereinfachen (twice)

Page #61, 2nd col. under Meyer

Should it not be Bernhard, instead of Bernard?

Page #62, 1st col. under 2nd Meyer

*Why the "over y in Meyer"?
Caption is spelled with
the number 6. The
col.*

Why the "over y in Meyer?"

Page #63, 2nd col. under Mitternacht

xxxxxxxxxxxx

in den instead of in den
etc.

Sibirien, not Siberien (twice)

Page #64, 1st col. under Mikroskop

Gelste, not Gelste

Count Fair

Page #65, 1st col. under Stuttgart

das not der Naturwissenschaften

1st col. under Tokyo

Deutschland, not Deutsche

*Count Fair's letter
should be done with
in these references*

Page #66, 2nd col. under Wasserfall

Verein, not Verein

2nd col. under Glets

Glets, not Glets

2nd col. under Gletsfall

Berein, not Verein

2nd col. under Dresden

Museum ; Völkermuseum

2nd col. under Aschaffenburg

Naturwissenschaftlichen ; Vereinig.

- ✓ Page 467, 2nd col. under Stockholm.
 - ✓ eliminate . after Schwedischen
d
- ✓ Page 468, 1st col. uner Wien
 - ✓ Touristen-Clubs should have been set in heavy type directly after Oesterr.
 - " ✓ 1st col. under Stuttgart
 - ✓ Süddeutschen
- ✓ Page 469, 1st col. under Molina (1789,1808)
 - ✓ Chile, not Chili
 - " 1st col. under Karlsruhe
 - ✓ Geflügelzucht, not Geflugelsucht
- ✓ Page 474, 2nd col. under Mühle
 - ✓ Griechenland, not Greichenland
- ✓ " 475, 2nd col. under L.Müller
 - ✓ Mündungsgebiet, not Mündungsgebeit
- ✓ Page 478, 1st col. under Hamburg.
 - ✓ topographische, not Topographische
 - " ✓ 1st col. under Lyons
 - ✓ Lyion, not Lyons.
- ✓ Page 483, 2nd col. under Zürich } *Handwritten mark*
 - ✓ Vierteljahresschrift
- ✓ Page 484, 1st col. under Berlin
 - ✓ Schweizer, not Schweitzer
 - " ✓ 2nd col. under Berlin
 - Naturforschende, not Naturforschender
 - " ✓ 2nd col. under Wien
 - ✓ Hofmuseum, not Hofmuseums

- ✓ Page #87. Snd col. under Stockholm.
- ✓ eliminate after Swedish
- ✓ Page #88. 1st col. under Wien
- ✓ Touristen-Guide should have been set in heavy type directly after Gestalt.
- ✓ 1st col. under Stuttgart
- ✓ Stuttgarter
- ✓ Page #89. 1st col. under Kollin (1789, 1808)
- ✓ Gollig, not Gollig
- ✓ 1st col. under Karlsruhe
- ✓ Gollig, not Gollig
- ✓ Page #90. Snd col. under Künze
- ✓ Gollig, not Gollig
- ✓ * #91. 1st col. under I. Müller
- ✓ Münzgeschicht, not Münzgeschicht
- ✓ Page #92. 1st col. under Hamburg.
- ✓ Topographische, not Topographische
- ✓ 1st col. under Lyons
- ✓ Lyon, not Lyons.
- ✓ Page #93. Snd col. under Zürich
- ✓ Vierteljahrsschrift
- ✓ Page #94. 1st col. under Berlin
- ✓ Schweizer, not Schweizer
- ✓ Snd col. under Berlin
- ✓ Naturgeschichte, not Naturgeschichte
- ✓ Snd col. under Wien
- ✓ Holstein, not Holstein

- ✓ Page 486, 1st col. under Lüneberg
 - ✓ Lüneburg, not Lüneberg
- " ✓ 1st col. under Blankenbur
 - ✓ Blankenburg, not Blankenbur
- " ✓ 2nd col. under Augsburg
 - ✓ Naturhistorischen Vereins
- " ✓ ~~xxxxx~~ 2nd col., under Jena, Düsseldorf
 - ✓ Naturwissenschaftliches- Technisches
- ✓ Page 488, 1st col. under Naumannia
 - ✓ Vereins
- ✓ Page 489, 2nd col. 1st line
 - ✓ portugiesischen
- " ✓ 2nd col. under Berlin
 - ✓ Neues Archiv
- " ✓ 3rd col. under Heidelberg, Stuttgart
 - ✓ Neues
- ✓ Page 490 1st col. under Neunzig
 - Kanarienvogel, not vögel
- ✓ Page 493, 1st col. under Nimes
 - sciences naturelles
- ✓ Page 495 1st col. under Royal As. Soc.
 - Branch of The
- ✓ Page 505 2nd col . under Jena
 - ✓ herausgegeben, not herausagegeben
 - ✓ dto.
 - ✓ Tierkunde
- ✓ Page 506 , 1st col. under Basel
 - Ornithologischer

✓ Page 485, 1st col. under Lünburg

✓ Lünburg, not Lünburg

✓ 1st col. under Blankenburg

✓ Blankenburg, not Blankenburg

✓ 2nd col. under Augsburg

✓ Katholischer Verein

✓ 1st col. under Jan, Düsseldorf

✓ Naturwissenschaftliche-Technische

✓ Page 488, 1st col. under Hannover

✓ Verein

✓ Page 489, 2nd col. 1st line

✓ portulakische

✓ 2nd col. under Berlin

✓ Neues Archiv

✓ 2nd col. under Heidelberg, Stuttgart

✓ Neues

✓ Page 490, 1st col. under Kempten

✓ Kartellvertrag, not völk

✓ Page 492, 1st col. under Wies

✓ akademischer

✓ Page 495, 1st col. under Royal

✓ Brand of the

✓ Page 505, 2nd col. under Jan

✓ betragende, not betragende

✓ etc.

✓ Erklärung

✓ Page 508, 1st col. under Band

✓ Oritologischer

- ✓ Page 509, 1st col. under Ou-yang Hsün
Why omission of Chinese characters?
- ✓ Page 512, 1st col. under Pander(1856)
Systems
- ✓ Page 516 1st col. under Pennant(1787)
Polarländer
- ✓ Page 518 1st col. under Pfennigstorff
Hausgeflügels
- ✓ Page 520, 1st col. under Pistorius
✓ zum, not zur, Ausstopfen, not Austopfen
✓ " 1st col; under Plate
Handbuch des, not der
✓ " 2nd col. 1st item
✓ Vögel
- ✓ Page 523, 2nd col. under Hamelin
✓ Hameln
- ✓ Page 525, 2nd col. under Prütz
✓ Gustav, not Gustaz
" ✓ under Moscow
✓ You have Ptizewodnoe and Ptizewodstwo; are these two
✓ different publications? *Don't know!*
" ~~Raxaxaxaxxxx~~ under Pasadena
✓ Publications of the
- ✓ Page 531, 2nd col. under Reichenbach(1849-53)
Gatungen, should be Gattungen.
- ✓ Page 536, 1st col. under Reyger
Historie

Page 202, 1st col. unter On-yang Hahn

Why omission of Chinese characters?

Page 212, 1st col. unter Pander(1826)

System

Page 212, 1st col. unter Pander(1826)

Polarität

Page 212, 1st col. unter Pander(1826)

Kausalität

Page 220, 1st col. unter Pander

zug, not zug, Augapfel, not Augapfel

1st col; unter Pander

Handbuch der, not der

2nd col. 1st item

Vokal

Page 227, 2nd col. unter Hamelin

Hamelin

Page 227, 2nd col. unter Pander

Gustav, not Gustav

unter Moscov

You have Pissworte and Pisswörter; are these two

think know

different publications?

XXXXXXXXXX unter Pander

Publication of the

Page 231, 2nd col. unter Reichenbach(1829-33)

Gatungen, should be Gattungen

Page 236, 1st col. unter Pander

Historie

- ✓ Page 539, 1st col., 1st item
should read "zur Jagd and zum Fang "
✓ " 1st col, under Ritgen
natürlichen Eintheilung
- ✓ Page 540, 2nd col. under Roemer
Säugethiere, not Säugetheire
- ✓ Page 541 2nd col. under Lyons
Lyon
- ✓ Page 543 2nd col. under Rowe
ancient
- ✓ Page 544, 2nd col. 1st item
✓ 1 omitted in Montreal
- ✓ Page 551, 1st col. under Sarwey
Should it not be " Von den Voegeln im Balkan" instead
of "Von den Vogelen zum Balkan" ?
- ✓ Page 552 2nd col. under Ratisbonae(1774)
✓ Ratisbonae, not Ratisboniae
" 2nd col, under Schäff
✓ den not dem Fängen
- ✓ Page 554 1st col. under Schlegel
✓ Sachsenlands, not Sachenslands
✓ " 2nd col. 1st item
✓ Lauenburg, not Lauenberg
- ✓ Page 555 2nd col. under Schreber
✓ Säugethiere , not säugthere
- Page 556 1st col. under Schüpbach
✓ Beiträge. not Beitrage
✓ " 1st col. under ~~Saxxax~~ Schüster ,M.T.
Ilmenau , not Ismenau

Page 519, 1st col., 1st item

should read "see page 519 and see page 519"

1st col., under "Riggen"

antibacterial disinfectant

Page 520, 1st col., under "Riggen"

antibacterial, not disinfectant

Page 521, 2nd col., under "Lyon"

Lyon

Page 522, 2nd col., under "Rowe"

Rowe

Page 523, 2nd col., 1st item

1 omitted in Montreal

Page 524, 1st col., under "Barway"

Should it not be "Von den Vögeln im Balkan" instead of "Von den Vögeln aus Balkan"?

Page 525, 2nd col., under "Ratibonze (1774)"

Ratibonze, not Ratibonze

2nd col., under "Goblet"

has not been (Können)

Page 526, 1st col., under "Schilling"

Schilling, not Schilling

2nd col., 1st item

Laubberg, not Laubberg

Page 527, 2nd col., under "Schreiber"

antibacterial, not disinfectant

Page 528, 1st col., under "Schubach"

Beitrag, not Beitrag

1st col., under "Hansmann, H. T."

Hansmann, not Hansmann

✓ Page 562, 1st col, under Selenka

Studien über die

✓ Page 566, 2nd col.

From this page on the Chinese works have again
the Chinese characters.

Page 573, 1st col., 3rd heavy line from below

✓ Is Borda a Dax meant for Bordeaux? *no*

Page 586, 1st col. under Stuttgart

Württemberg

✓ Page 588, 1st col. 1st item

Beiträgen

✓ Page 591. 2nd col. under T'ao Chu-kung

Publication year 1884, not 1844

✓ Page 601, 2nd col. under Tretter

Gesangskaniernzüchter, not Gefangs....

✓ Page 603, 1st col. under Tschusi

✓ Schmidhoffen

dto.

Aufzählung

" ✓ 2nd col. under Tübingen

Tuebinger

✓ Page 610, 2nd col. under Karlsruhe, Tübingen

✓ Saar, not Baar

✓ Page 611, 2nd col. 1st item

Naturwissenschaftlicher

" 2nd col, under Darmstadt

Naturhistorischen Vereins

Page 502, 1st col. under Selbst

Studien über die

Page 506, 2nd col.

From this page on the Chinese words have been

the Chinese characters.

Page 517, 1st col., 3rd heavy line from below

is Borta a Dak meant for Bordaux?

Page 520, 1st col. under Stichtag

Wittener

Page 522, 1st col. 1st item

Belgien

Page 531, 2nd col. under Two Chu-king

Publication year 1898, not 1894

Page 537, 2nd col. under Früher

Gesellschaftswörter, not Belgien

Page 541, 1st col. under Technik

Sommitollen

etc.

Aufbau

Page 542, 2nd col. under Türken

Türken

Page 543, 2nd col. under Karlshof, Walden

Wald, not Wald

Page 544, 2nd col. 1st item

Naturwissenschaftlicher

2nd col. under Veranstalt

Naturhistorische Veranstalt

Page 611, 1st col under Zwickau

Zwickau

Page 612, 1st col, under Dantzig

Naturforschenden ; Danzig

Page 641, 1st col. 1st item

✓ Verstande, not Vererstade

" ✓ 1st col. under Württemberg

des, not der

" ✓ col. 2, under Ziegler

Wörterbuch

" col. 2, under Zimmermann, E, A, W. (1778-1783)

✓ vierfüßsig

" ✓ col. 2, under Zimmermann, R.

Nutzen, not Nützen

Page 643, 1st col. under Gratz

Graz

