British Association for the Advancement of Science,

BURLINGTON HOUSE,

LONDON, W.

3 h 189 G

DEAR SIR,

I beg leave to remind you that the Meeting of the Association for this year will commence on Sept-13, Lower.

and to draw your attention to the following Rules:-

- 1. Committees to which grants of money are entrusted by the Association for the prosecution of particular Researches in Science are appointed for one year only. If the work of a Committee cannot be completed in the year, and if the Sectional Committee desire the work to be continued, application for the reappointment of the Committee for another year must be made at the next meeting of the Association.
- 2. Each Committee is required to present a Report, whether final or interim, at the next meeting of the Association after their appointment or reappointment. Interim Reports must be submitted in writing, though not necessarily for publication.
- 3. In each Committee the Chairman is the only person entitled to call on the Treasurer, Professor A. W. Rücker, F.R.S., for such portion of G. C. the sums granted as may from time to time be required. Forten
- 4. Grants of money sanctioned at a meeting of the Association expire on June 30 following. The Treasurer is not authorised after that date to allow any claims on account of such grants.
- 5. The Chairman of a Committee must, before the meeting of the Association next following after the appointment or reappointment of the Committee, forward to the Treasurer a statement of the sums which have been received and expended, with vouchers. The Chairman must also return the balance of the grant, if any, which has been received and not spent; or, if further expenditure is contemplated, he must apply for leave to retain the balance.
- 6. When application is made for a Committee to be reappointed, and to retain the balance of a former grant which is in the hands of the Chairman, and also to receive a further grant, the amount of such further grant

TOVER.

is to be estimated as being additional to, and not inclusive of, the balance proposed to be retained.

- 7. Members and Committees who may be entrusted with sums of money for collecting specimens of Natural History are requested to reserve the specimens so obtained to be dealt with by authority of the Association.
- 8. Committees are requested to furnish a list of any apparatus which may have been purchased out of a grant made by the Association, and to state whether the apparatus will be useful for continuing the research in question, or for other scientific purposes.
- 9. All Instruments, Papers, Drawings, and other property of the Association are to be deposited at the Office of the Association when not employed in scientific inquiries for the Association.

I shall be glad to receive the Report of your

Committee on or before August 1

I am, Dear Sir,

Yours faithfully,

G. GRIFFITH.

Si W. Dawon F. A.S.

British assen

McGILL UNIVERSITY
ARCHIVES
ACC. NO. 1463
REF. 1063

Unconfirmed Minutes.

[For the use of Members of the Council only.]

AT a Meeting of the Council of the British Association, held in the Rooms of the Linnean Society, Burlington House, March 3, 1899, at 4 P.M.

Present-

SIR WILLIAM CROOKES, President, in the Chair.

SIR FREDERICK BRAMWELL.
CAPT. E. W. CREAK.
PROF. G. C. FOSTER.
SIR C. W. FREMANTLE.
SIR ARCHIBALD GEIKIE.
G. GRIFFITH.
PROF. W. D. HALLIBURTON.
PROF. L. F. VERNON HARCOURT.
PROF. W. A. HERDMAN.
DR. SCOTT KELTIE.
LORD LISTER.
MAJOR MACMAHON.
W. H. PREECE.

L. L. PRICE.
SIR W. C. ROBERTS-AUSTEN.
SIR HENRY ROSCOE.
PROF. E. A. SCHÄFER.
DR. P. L. SCLATER.
W. N. SHAW.
J. J. H. TEALL.
SIR W. T. THISELTON-DYER.
PROF. J. M. THOMSON.
PROF. W. A. TILDEN.
PROF. W. C. UNWIN.
A. T. WALMISLEY.
SIR W. H. WHITE.

- 1. The Minutes of the last Meeting were taken as read, and confirmed.
- 2. The General Treasurer's Report was read and received.

		The second secon	-		_
RECEIPTS. £ s.	d.	EXPENDITURE.	£	8.	d.
Balance 3,535 6	8	Grants			
Subscriptions 16 0	0	Petty cash	10	0	0
Sale of Publications 5 3		Cash in hand of Treasurer.	4	0	0
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Grants made at Br. Paid up to March 3		£1,495			
		PCOE			

3. The Council were informed that the following officers of Sections for the meeting at Dover, who were nominated on February 3, had accepted office:—

President of Section K, Sir George King, F.R.S.; Vice-President of Section E, Major L. Darwin; Secretaries of Sections: B, Dr. W. P.

Wynne, F.R.S.; C, Dr. J. W. Gregory; D, Graham Kerr.

4. It was resolved to nominate W. H. L. Duckworth Secretary of Section H.

5. It was resolved that Sir William Turner, F.R.S., be nominated President for the Meeting at Bradford in 1900.

6. The following Report was received and adopted:-

"Report of the Committee, consisting of the President, the Presidentelect, the General Officers, Sir Archibald Geikie, Mr. Whitaker, Captain Creak, Mr. A. T. Walmisley, and Prof. L. Vernon Harcourt, appointed to report on the following resolution:—

"'That the Council be requested to bring under the notice of the Admiralty the importance of securing systematic observations upon the Erosion of the sea coast of the United Kingdom, and that the co-operation of the Coastguard might be profitably secured for this

purpose.'

"The Committee recommend that the Council enquire whether the Admiralty would be willing to arrange that observations of a simple character on changes in the sea coast be recorded and reported by the

Coastguards.

"If the Admiralty consent to carry out this proposal, it will be necessary to appoint a Committee for the purpose of drawing up a scheme of instructions for the observers, making arrangements for starting the work, and subsequently examining from time to time such localities as may seem to require special attention."

7. A request from the Librarian of the Free Library, Pontypridd, for

the Annual Reports was not granted.

8. The Council were informed that Sir W. Huggins was not able to serve on the Committee appointed to report on the Recent Advances made in Celestial Chemistry.

9. An application from Mr. B. Hopkinson for permission to republish Papers communicated to the Association by the late Dr. John Hopkinson

was granted.

10. An application from Prof. Osborne Reynolds for permission to republish Papers which he has communicated to the Association, and for the use of blocks, was granted.

11. A proposal to allow members of the Geological Society of Belgium to join the excursions at the Dover Meeting was considered.

It was resolved to postpone the decision on this proposal until the next meeting of the Council.

The Council then adjourned.

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G. GRIFFITH.
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REC	CEIPTS. £	8. d.	EXPENDITURE. 2 8. w.
Balance		6 8	Grants 200 0 0
Subscriptions .		0 0	Petty cash 10 0 0
Sale of Publication	ons 5	3 0	Cash in hand of Treasurer . 4 0 0
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			At Capital and Counties
			Bank, Bristol 2,712 8 9
	DOD'S SW DOVED		700 700 000
	£3,556	9 8	£3,556 9 8
	Grants made at Paid up to Marc		1 £1,495 810
			£685

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CAPT. E. W. CREAK.
PROF. G. C. FOSTER.
SIR C. W. FREMANTLE.
SIR DOUGLAS GALTON.
Dr. W. H. GASKELL.
SIR ARCHIBALD GEIKIE.
G. GRIFFITH.
PROF. W. D. HALLIBURTON.
PROF. L. F. VERNON HARCOURT.
PROF. W. A. HERDMAN.

DR. SCOTT KELTIE.
MAJOR MACMAHON.
J. E. MARR.
PROF. R. MELDOLA.
PROF. E. B. POULTON.
SIR W. C. ROBERTS-AUSTEN.
PROF. E. A. SCHÄFER.
DR. P. L. SCLATER.
SIR W. T. THISELTON-DYER.
A. T. WALMISLEY.

- 1. The Minutes of the last Meeting were taken as read, and confirmed.
- 2. The General Treasurer's Report was read and received:-

	RECEIPTS.	£	8.	d.		EXP	ENDI	TURE.		£	S.	d.	
Balance .		. 3,717	10	6	Salaries		1000			127	0	0	
Subscriptions			0	0	Grants					215	0	0	
Sale of Public		. 6	16	1	Rent .					1	0	0	
Dividends .		. 76	3	10	Statione							9	
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	Paid up to	February	3		d touth.	. bala.	24 110	61	0				
									-				
								£88	5				
								-	-				

3. The Council were informed that the following officers of Sections for the meeting at Dover, who were nominated on December 2, had accepted office:—

Presidents.

A. Prof. J. H. Poynting, F.R.S.

B. Horace Brown, F.R.S.

- C. Sir Archibald Geikie, F.R.S.
- D. Adam Sedgwick, F.R.S.
- E. Sir John Murray, F.R.S.

F. Henry Higgs.

G. Sir W. H. White, F.R.S.

H. C. H. Read.

I. Dr. J. N. Langley, F.R.S.

Vice-Presidents.

A. Prof. W. E. Ayrton, F.R.S., Prof. A. R. Forsyth, F.R.S., Prof. J. J. Thomson, F.R.S.

B. Prof. H. E. Armstrong, F.R.S., Prof. Percy Frankland, F.R.S.,

Prof. F. R. Japp, F.R.S.

- C. Prof. C. Lapworth, F.R.S., J. J. H. Teall, F.R.S., W. Whitaker, F.R.S.
 - D. Dr. Traquair, F.R.S., Prof. W. F. R. Weldon, F.R.S.

E. Colonel G. Earl Church.

F. Dr. J. Bonar, Hon. Sir C. W. Fremantle, Arthur Lee.

G. Sir Benjamin Baker, F.R.S., Sir J. Wolfe-Barry, W. H. Preece, F.R.S., E. Rigg.

H. E. W. Brabrook, Sir John Evans, F.R.S., Prof. E. B. Tylor, F.R.S. I. Prof. W. D. Halliburton, F.R.S., Prof. J. G. McKendrick, F.R.S.

K. Prof. F. O. Bower, F.R.S., Francis Darwin, F.R.S., Sir W. T. Thiselton-Dyer, F.R.S.

Secretaries.

A. J. L. Howard, C. H. Lees, Prof. W. Watson (*Recorder*), E. T. Whittaker, C. E. Williams.

B. A. D. Hall, C. A. Kohn (Recorder), T. K. Rose.

C. C. W. Lamplugh, Prof. H. A. Miers, F.R.S., Captain McDakin.

D. W. Garstang (Recorder), E. Horsnaill.

- E. H. N. Dickson, Dr. H. R. Mill (Recorder), B. F. Hall, A. J. Herbertson.
- **F.** A. L. Bowley, E. Cannan (*Recorder*), Prof. A. W. Flux, Rev. G. Sarson.
 - G. Prof. T. H. Beare (Recorder), W. A. Price, H. E. Stilgoe.

H. H. Balfour, W. H. East, J. L. Myres (Recorder).

I. Prof. R. Boyce (*Recorder*), Dr. Howden, Dr. L. E. Shore, Dr. E. H. Starling.

K. A. C. Seward, F.R.S. (Recorder), Harold Wager, G. Dowker.

4. It was resolved to nominate Sir George King, K.C.I.E., F.R.S., President of Section K, and Major L. Darwin, Vice-President of Section E.

The following Secretaries of Sections were nominated:—B. Dr. Wynne, F.R.S.; C. Dr. J. W. Gregory; D. Graham Kerr.

- 5. The Council were informed that Prof. Charles Richet and Prof. Fleming had undertaken to deliver the Evening Discourses at the Dover meeting.
- 6. The question of the Presidency for the meeting at Bradford in 1900 was considered, and five names were put on the list for further consideration at the meeting of the Council on March 3.
- 7. The following letter from the Secretaries of the Royal Society was again read:—

"The Royal Society, Burlington House, London, W., "November 29th, 1898.

"Dear Sir,—We are directed by the President and Council of the Royal Society to inform you that a Committee, consisting of Fellows of the Royal Society acting in conjunction with representatives of the Royal Geographical Society, was formed some time since for considering the steps that should be taken for organising an expedition to the

Antarctic regions.

- "As you are probably aware, an appeal to H.M. Government to organise such an expedition has met with no encouragement, and the Royal Geographical Society has consequently taken steps for raising a fund for the purposes of such an expedition by private subscription. To this fund the Royal Society hopes to be able to contribute through the medium of the Government Grant for Scientific Research, and at a recent meeting of the Antarctic Committee the following resolutions were passed, which we are directed to bring to your notice, and to request you, so far as they concern the British Association, to lay before the Council of that body at the earliest opportunity:
 - "'(1) That the Treasurer of the Royal Society be requested to apply to the Government Grant Committee for a grant of £1,000 (payable in instalments), in aid of an Antarctic Expedition.
 - " (2) That an application be also made to the Council of the British Association for a grant of £1,000 for the same purpose."

"We remain, very faithfully yours, "M. Foster,

"ARTHUR W. RÜCKER,

" Secretaries R.S.

"The General Secretary of the British Association."

Resolved:--

- (a) That the General Committee be recommended to contribute the sum of £1,000 to the National Antarctic Expedition.
 - (b) That the grant be given out of the accumulated funds.
- 8. An invitation from the Vice-Chancellor of the University of Cambridge to nominate a delegate to represent the Association at the Jubilee of Sir George Gabriel Stokes, which will be celebrated on June 1 and June 2, 1899, was read:—

Resolved, that the President, Sir William Crookes, be appointed to represent the Association.

- 9. It was resolved that the Index to the Annual Reports 1831–60 be presented to the Linnean Society. It was resolved that the Reports from 1898 be presented to the Imperial University, Tokyo, Japan. An application for the Reports from the Principal of the Technical College, Huddersfield, was not granted. The consideration of an application for the Reports from the Director of the Illinois State Laboratory of Natural History was postponed.
- 10. The issue of the usual circular to Corresponding Members was authorised.
- 11. The Council were informed that Prof. Dewar and Prof. Liveing were unable to serve on the Committee appointed to report on the Recent Advances made in Celestial Chemistry.

It was resolved to appoint Sir William Crookes, the Chairman, and Sir W. Huggins, a Member of the Committee.

12. The resolution of the General Committee relating to the Reports of the Committee on the North-Western tribes of Canada was again considered, and the Council having been informed that a sufficient number of separate copies of the Fifth and the following Reports of the Committee on the North-Western Tribes of Canada were in stock for supplying those Libraries, Public Institutions, and persons who required copies for completing sets, it was resolved that the Reports be not reprinted.

The Council then adjourned.

Confirmed-

March 3, 1899.

WILLIAM CROOKES.

McGILL U	INIVERSITY
ACC. NO.	1463
BEF.	1052

Faculty of Arts.

B. Sc. DEGREE.

REPORT OF COMMITTEE.

(As amended and adopted by the Faculty, April 7th, 1898.)

1. The Committee has had three meetings and has collected information with regard to the conditions for the B. Sc. degree in other Universities.

2. The Committee recommend the creation of a B. Sc.

degree in the Faculty of Arts.

3. They beg to submit for the consideration of the Faculty the following curriculum for the degree.

a. Entrance Examination;

The same as for the B.A. curriculum; but in the case of a candidate who does not offer either Latin or Greek, a higher standard in French or German will be accepted; or, alternatively, the ordinary examination may be passed in these subjects, along with the Additional Mathematics of the first year exhitions.

B. First Year:

English, French, German, Mathematics, Physics.

y Second Year:

English (two-thirds of the course.)

Logic (one-third " "

French; German; Chemistry;

Mathematics or Botany of 3rd year, or Zoology of 3rd year.

4. After passing the Intermediate examination, the candidate for a B. Sc. degree will specialise in the subjects enumerated under the "Science" group of options. His choice of subjects will be determined according as he may intend to follow mainly the line of mathematico-physical studies, or physico-chemical or biological, or geological.

The possibility of continuous study in particular subjects extending over *three* years of the curriculum will indicate the high standard which will be demanded in the Final Examinations for the B. Sc. degree, the institution of which will, it is hoped, lead to elementary research work in the final year.

April 7, 1898.

Degret of. B. S.C.

New auculum

McGILL UNIVERSITY ARCHIVES

ACC. NO. 1463

REF. 9 75

Me Cueulum

Edinburgh Geological Society.

LXIV. SESSION.

The Third Ordinary Meeting of the Sixty-Fourth Session will be held in the Rooms, No. 5 St Andrew Square, on the Evening of Thursday, the 17th February, at Eight o'clock.

Mr JOHN HORNE, F.R.S.E., F.G.S., President of the Society, in the Chair.

I. Public Business.

1. "On the genera *Psilophyton*, *Lycopodites*, *Zosterophyllum* and *Parka decipiens* of the Old Red Sandstone, their supposed affinities and distribution."

By Mr James Reid, Blairgowrie, and Mr P. Macnair, Glasgow.

The Paper will be illustrated by a series of specimens from Perthshire, Forfarshire, Caithness and Canada, by microscopic sections and lantern slides.

2. Exhibition of fossil fish (Eurynotus crenatus, Radinichthys carinatus, Elonichthys Robisoni, Mesopoma macrocephalum, Acanthodes sulcatus) from the Pumpherston Shale, with note.

By Mr Campbell Brown, M.A.

3. Specimens of *Rhacopteris inaequilatera* (Adiantites Lindseaeformis) and other Lower Carboniferous plants from Hailes Quarry, Midlothian, will be exhibited by Mr D. RITCHIE and Mr MACMILLAN.

II. Private Business.

- I. Nomination of New Members :-
 - I. Mr GILCHRIST MARSHALL, 4 East Castle Road, Edinburgh. Proposed by Mr Horne. Seconded by Mr CAMPBELL BROWN.
 - 2. Mr Allan M. Douglas, The Neuk, Peebles.
 Proposed by Mr Horne.
 Seconded by Mr Campbell. Brown.
 - 3. Mr D. RITCHIE, Kingsknowe, Slateford, Midlothian.
 Proposed by Mr Horne.
 Seconded by Mr J. G. GOODCHILD.
 - 4. Mr William Geddie, 16 Ann Street, Edinburgh.
 Proposed by Mr Horne.
 Seconded by Mr Campbell Brown.
 - 5. Mr Andrew Burt, Halbeath Colliery, Dunfermline.
 Proposed by Mr Goodchild.
 Seconded by Mr Macconnochie.
 - 6. Mr David Gloag, 9 Barnton Terrace, Edinburgh.
 Proposed by Mr Wm. Forgan.
 Seconded by Mr John A. Johnston.
 - 7. Mr J. M'MILLAN, 3 Ladyfield Place, Edinburgh.
 Proposed by Dr FLETT.
 Seconded by Mr H. M. CADELL.
 - 8. Mr NICOL SINCLAIR, 20 Livingstone Place, Edinburgh.

 Proposed by Dr FLETT.

 Seconded by Mr JOHN A. JOHNSTON.
- II. Ballot for the following Members:-
 - I. Mr J. W. CURSITER, 43 Albert Street, Kirkwall.

 Proposed by Mr Horne.

 Seconded by Mr Reid.
 - 2. Mr John Macrorie Kay, Muirend, Comrie, Perthshire.
 Proposed by Mr Horne.
 Seconded by Mr John A. Johnston.

III. Notices to Members.

- The Annual Subscription (12s. 6d.) is now due, and may be paid to the Treasurer, Mr John Forgan, S.S.C., 20 George Street, or at any of the Meetings.
- 2. Members are requested to intimate without delay to the Hon. Secretary the titles of communications proposed to be read during the Session.
- 3. The *Transactions* for Session LXIII. are now ready, and will be issued to Members not in arrears with their subscriptions.

H. M. CADELL, Hon. Secretary.

5 ST ANDREW SQUARE, EDINBURGH, 11th February 1898.



Sir John W. Dawson,
M. Gill University,
Chortreal, Canada



Reporting Change

Methodist Church. Little Metis. Gue.

Financial Report. May 1896. to May 1897.

Restract-Methodist Church. Little Metis. Gue. Rev. A. E. Pates -Quarterly Official Board. Robert Turriff. John Astle. William Turriff. John Macnider. William Astle. William Juckey. John Maenider. Recording Steward. Miss Selina Aetle. Mr. alex. Turiff. Organist. Seseton. Public Services. Sunday { Groning 11 a.m. Sunday { Evening. 7 p.m. to Ou Sabbath School. 2.30.p.m. Wednesday - Prayer Meeting. 7.30. fe W Seato Free - Hymn Books Provided. de During winter months the weeknight prayer meetings are held in the different homes of the people, and the Sabbath evening service commences at 6 pm. instead of 7 pm.

To the Members, adherents and Supporters of the Methodist Church . Little Metis. Dear Friends. In presenting you with this simple Finan= -cial Report for the year just closed, we ask for it your most careful and thorough study. ation respecting the receipt and expenditure of money. in order that you may give more intelligent and more liberal support to the financial interests of our Church. The year has, in many senses, been one of financial prosperity for which we are thankful. The balance of \$140 owing on our new seats in the Church has been paid by the Ladies aid Society The parsonage has been repaired and improeved at a total cost of about \$440, of which amount about \$320 remains to be raised. Our Sabbath School shows a very gratify * sing all round improvement. Our Missionary Contributions increased \$17.40 A Grand Sotal of \$803. 40 raised by the Church during year was reported against \$466.50 in 1895-96. We regret to have to call your special attention to the decrease in amount raised by the Church for pastors salary Owing to hard times and pressure of other funds this amount fell from \$350 to \$307.77 - a decrease of \$42.28 (The Church is over credited in the Minutes \$315.00 instead of \$307-77) Whilst the Missionary Society granted \$156 toward salaryland \$33-removal expenses) yet our pastor still bears a net deficiency of \$280 and over of the \$750 fixed by the Church as a methodist preachers minimum solary. WE appeal for increased givings on the part of all our people toward ministerial support this year. On behalf of the Quarterly Official Board. (Signed) John Macrider. Recording Steward.

Jersonal Tame. J. A. Mathewson. W. J. W. (Montreal). Robert Durriff. John Macnider. John Astle. William Astle. William Astle. William Hurriff. Dugald Campbell. Robert John Campbell. James Sim. Tredk Crawford. Alex Grawford. William Juckey. Hex Yurriff. Usull Laren. Angus M. Ewing.	Fastor's Salary. 30.00 5.00 25.00 12.00 12.00 12.00 5.00 5.00 5.00 5.00	Missionary. Fund: 10.00 5.00 6.00 3.25 1.00 2.00 2.00 1.25	Superannuation Fund. 2.00 2.50 1.40 1.00 60 1.00
W.J.W. (Montreal). Robert Turriff. John Macnider. John Astle. William Astle. Fred! Astle J! William Twriff. Dugald Campbell. Rob! & John Campbell. James Sim. Fred! Crawford. Alex Grawford. William Tuckey. Hex Turriff.	30.00 5.00 25.00 12.00 12.00 7.00 7.00 5.00 5.00	10.00 5.00 6.00 3.25 1.00 2.00 2.00	2.50 1.40 1.00 1.00 60 1.00
W.J.W. (Montreal). Robert Turriff. John Macnider. John Astle. William Astle. Fred! Astle J! William Twriff. Dugald Campbell. Rob! & John Campbell. James Sim. Fred! Crawford. Alex Grawford. William Tuckey. Hex Turriff.	25.00 25.00 12.00 12.00 4.00 5.00 5.00 5.00	5.00 6.00 5.00 3.25 1.00 2.00 2.00	2.50 1.40 1.00 1.00 60 1.00
John Macnider. John Astle. William Astle. Fred! Astle J! William Turriff. Dugald Campbell. Rob! + John Campbell. James Sim. Fred! Crawford. Alex. Sim. William Juckey. Alex Yurriff. Ms. M. Laren.	25.00 12.00 12.00 7.00 5.00 5.00 5.00	5.00 6.00 5.00 3.25 1.00 2.00 2.00	2.50 1.40 1.00 1.00 60 1.00
John Macnider. John Astle. William Astle. Fred! Astle J! William Turriff. Dugald Campbell. Rob! + John Campbell. James Sim. Fred! Crawford. Alex. Sim. William Juckey. Alex Yurriff. Ms. M. Laren.	12.00 12.00 4.00 5.00 5.00 5.00	6.00 5.00 3.25 1.00 2.00 2.00	1.40
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Dugald Campbell. Robt & John Campbell. James Sim. Fred & Crawford. Alex. Sim. William Juckey. Alex Ywriff. W. M. Laren.	5.00 5.00	2.00	1.00
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John Slin.			.50
Miss Crawford.		.25	.25
elliss F. Sim Senr	-	-25	.25
Lecture by Rev. a. E. Pates		Mary Latter	2.35
From Sabbath School		5.90	
Totals.	183.00	57.40	21.00

Sabbath Offerings.	
Ordinary Labbath Collections. (May. 24.1896 - May. 16.1897).	190.28
Extra Collections or Receipts.	
	206.23
Connexional Funds:	0.00
General Conference. 2.00	9.82
Union Church Relief. 1.00 Contingent. 2.00	
Educational. 2.55 Sustentation. 2.27	
Quebec aux. Bible Society:- Sabbath Collection . 12:49	19.44
Church Expenses:	4-2-20
Sexton's Labor for year 12.00 Bresent to Organist. 6.00	7-4-40
Cleaning of Church. 2.00	
New Hymn Books. te. 10.18. Sacramental Wins. te. 2.05	
Renewing Register to. 1.15 Incidental Expenses to. 8.82	
Pastor's Travelling Expenses. Toward Pastor's Salary.	10.00
	206.23
Pactoria Salana =	
By Personal Contributions. 183	-00
By Personal Contributions. 183 By Babbach Offerings. 124 By Grant from Missionary Society 156.	77 463.77

Barsonage Repair Fund.		annound to get
Receipts. Proceeds Willing Workers Concert. Gonation Rev. a. E. Pates. Loan from Mr. John Astle @ 5%. Proceeds Ladies aid Parsonage Parlor Social. Proceeds Ladies aid & Macnider's Parlor Social. Proceeds Ladies aid. Sale of Old Benches.	18 10 200 6	75 75 00 00 90 45
Expenditure.	323	85
Labor: - Raymond. Levesque + Son. Sagnon. Digging Drain to J. H. McLaren. Inside Painting. J. H. McLaren. Outside Fainting. J. H. McLaren. Cedar t Jeaming. W. H. McLaren. Extra Jeaming. W. H. McLaren. Extra Jeaming. W. Jurriff. Materials. extf. Landrys a/c. Shingles (Sandy Bay). " Miss astles a/es.	79 3 9 7 8 6 2 2 7 2 2 4 1	92 84 00 00 14 00 76 98 52
	317	.41

Balance on hand \$6.44.

Loan from mr John Astle. 200.00

Messe Price Bros. for Lumber Would 88.00

Mr Robt Furriff for Shingles. 14.26

302.25

4 these must be added cost of labor & materials in

To these must be added cost of labor of materials in finishing the work since May 16th about \$22.00

Ladies aid Society.

and the first of the control of the		
Cash Balance on hund ellay 23.46. Proceeds Summer Sale + Concert. Membership fees to 1896 to 97. Proceeds Thankegiving Concert. Proceeds Parsonage Parlor Social. Proceeds, L'Magniders Purlor Social. Sale of Old Church Benches.	155 21657	36 65 00 32 90 45 50
Capable of the Control of the Contro	209	18
Balance of afc. New Seats in Church . Toxpenses of Thanksgiving Concert. Surplus for Parsonage Repairs. Paid for Parsonage Repair Fund. Paid for Parsonage Repair Fund. Paid out for Parsonage Repair Fund. Paid out for Materials. to.	142 1865 74	10 57 75 90 45 00 59
Balunce on hand May. 15th \$ 8.82. A sale of Work and Concert has be for to be held on Thursday. July. 15 Proceeds toward. Parsonage Repair eA more general interest in the aid Society is requested of the la congregation. A work in which the benefit should not be left for to perform. At the regular sewing meetings the perform the reads chapters from Maclaren. Barrie Je.	Jund Ladie dies of all s	the have

1000

Sabbath School. Held in the Church on Sunday afternoons. 2.30 to 3.30. Teachers and Officers. Pastor's Bible Class. Rev. a. E. Pates. Boys Intermediate Class. W. W. Juriff. Girl's Intermediale Class. Miss Selina doble. Mixed Primary Class. Miss Hutchinson. Superintendent. Ur wom Juriff. Secretary Librarian. mrs Pates. Treasurer. Mr. Fred Astle. Organist. ellise Selina Astle. Fr branch school in 4th Concession . Oct to May .) L Supt mr Wm Juckey. Sec y. Miss. E. Juckey. Tumber of Scholars on Roll. 56. Average Attendance Scholars 33. Treasurer's Report. May 96, to May 97. Sabbath School Collections. 15.44 (including small balance on hand) Lectures by Rev. a. E. Pates. 9.85 Christmas Gathering .. 14.00 Scholars. Miss & Mile Boxes. 44.44 5.15 Paid for . S. S. Periodicals. tc. 11.73 Paid for New Hymn Books to. 3.68 Paid for Expenses Xmas Tree. 1.50 Paid to Educational Society. .43 Paid to S. S. aid Fund. 1.00 Paid to New Library Fund . = 13.7.3 5.90 37.97 May. 10.97. Bal. on hand \$6.47. Librarians Report. "mount Expended \$. 14.12. Volumes Purchased 63 ooks Issued. Oct 11 to May 9th 540. I use figures show how greatly the S. S. Lebrary is appreciated. Parents are requested to seed scholars regularly. sinds are needed wherewith to purchase another bo to 100 books for coming winter's reading.

5	Financial Report as presen	tod to	· Con	nferens	el.
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	Educational.	2	98		
	Contingent.	2	00		
	General Conference.	2	00		
	Union Church Relief.		00		
	Lunday School Rid.	1	00		
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	Gravelling Expenses.	10			
	Sunday Schools.	38	54		
	Ladies Aids.	202	8		
	Grustee Boards.	114			
	All other purposes.	29	37		Br. Pr
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	Grant from the - Missionary Society ?	156	00		
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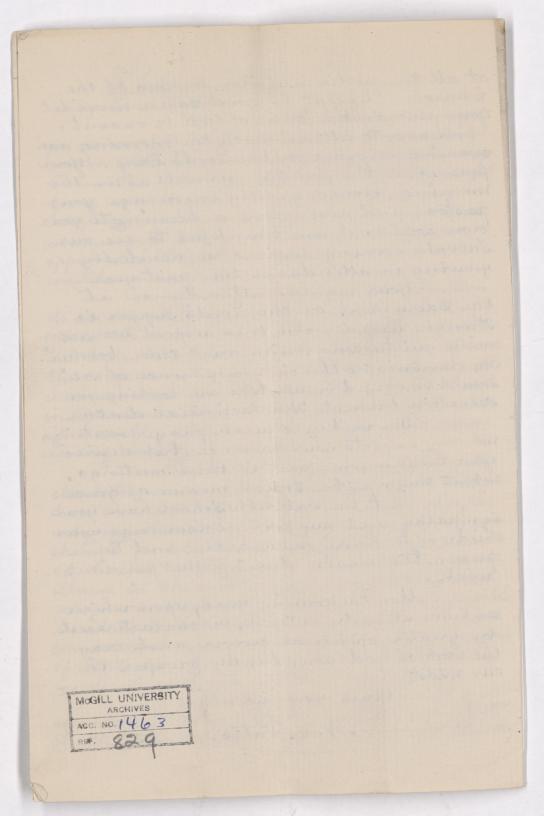
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Castor's Letter. My dear Friends elly first year's stary amongst you is complete. The Anneal Conference has met in Ottawa; and the Conference Stationing Committee has appointed me to labor amongst you a second year. I am glad to know that this is in accordance with your own unanimous desire, for next to the Divine approval a Christian minister values the confidence and love of all his people. I ask your very careful attention to all the contents of this simple report. Whilst the past year, in nearly every respect. has been one of financial prosperity, e trust the coming year may be even more so. I would urge you to cultivate the spirit of independence and self reliance so as to ask, if possible, little or no help from the Miss: = conary Jociety of our Church. This report being financial in its character, matters not connected with finance have been left out. I therefore take this, the only opportunity of returning you my sincere thanks for all the many kindnesses receiv: ed during the past year. During my severe illness in the winter your sympathy and prayers and practical help it were impossible to reduce to mere dollars and cents . In this connection of may mention the medical services of Distemp - for so many weeks faithfully rendered and all without charge. of labor amongst you I would ask, first of all, your constant and regular attendance

at all the public religious services of the Church. Except for good cause never let your place in the House of God be vacant. Endeavor to attend both the morning and evening services on the Lord's Day. your presence in the evening, as well as in the morning, would greatly encourage your pastor, and also prove a blessing to your own souls. I am thankful to see our Sabbath evening services so decidedly growing in attendance this past year. your regular attendance at the Sacrament of the Lord's Supper is strongly wiged. In this respect we are verily guilty concerning our" Elder "brother". The Saviour's "do this in remembrance of me" should be obeyed by all who are looking for Salvation through His Sacrificial death. The weekly church prayer meetings not only expects your presence, but desires. your taking some part in these meetings, so that they may be social means of grace. Let the Sabbath School have your Sympathy and support. Encourage your children to come regularly, and to prepare the lesson during the previous week. May the coming year, upon which we have already entered, be characterised by greater spiritual power, and may the work of God abundantly prosper in our midst. yours very sincerely. A. E. Pates.

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THE ROYAL SOCIETY,
Burlington House, May 18, 1897.

In pursuance of the Statutes (Chap. 1, Sections 7, 8, & 10), we herewith forward to you the List of Candidates recommended by the Council for Election into the Society; and we are to inform you that Thursday, June 3, at 4 o'clock, has been appointed for the Election.

 $\left. \begin{array}{l} \text{M. FOSTER,} \\ \text{A. W. RÜCKER,} \end{array} \right\} Secretaries.$

SELECTED CANDIDATES.

Bell, Robert, LL.D
Broadbent, Sir William Henry, Bart
Chree, Charles, M.A
Elwes, Henry John, F.L.S
Haldane, John Scott, M.D
Haswell, Professor William A., D.Sc
Howes, Professor George Bond, F.L.S
Kipping, F. Stanley, D.Sc
Mathews, Professor George Ballard, M.A.
Murray, George Robert Milne, F.L.S.
Neville, Francis Henry, M.A.
Nicholson, Professor H. Alleyne, M.D
Thomson, Professor John Millar, F.C.S
Trouton, Professor Frederick Thomas, M.A.
Turner, Professor Herbert Hall, M.A.

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MCGILL UNIVERSITY
ARC. NO. 1463
REF. 8 1 7

British Association for the Advancement of Science.

BURLINGTON HOUSE, LONDON, W.

Seft. 25 1896

DEAR SIR,

The Council of the British Association at their next Meeting, on Friday, November , will have under consideration a list of the names of persons qualified to fill the offices of Presidents, Vice-Presidents, and Secretaries of Sections, with a view to the nomination of Sectional Officers for the Meeting of the Association in 189 7.

We shall be glad to receive from you any suggestions you may wish to make of names to be entered on the above list, or with regard to the appointment or reappointment of Officers for the Section in which you are particularly interested.

All such communications will be treated as confidential. They should be sent to this Office not later than October 17.

We are, dear Sir,

Your obedient Servants,

DOUGLAS GALTON,

A.G. VERNON HARCOURT,

Secretaries.

G. GRIFFITH, Assistant General Secretary.

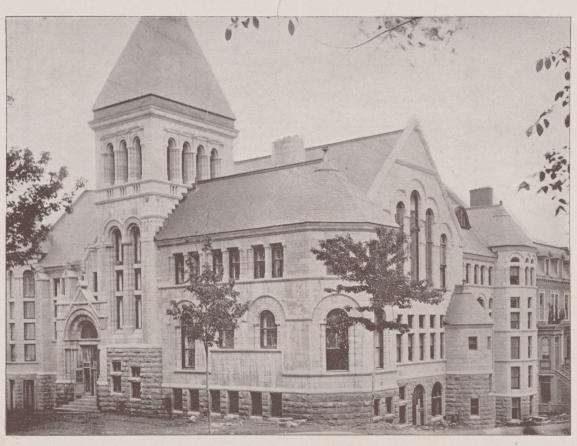
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Vol 5' NO 4 Nov 19, 1896]
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P.T O.

The Freedert and Council hope that the Fellows generally will resist then in this modified procedure, orte chem or which will be to smable the Frederilings to be

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ammounted to sedence in all lummines of science.

June 16th, 1896.

DEAR SIR,

We are directed to call your attention to the following matters:

confind your that Sanaton W. alman, Mil. ar modified

The President and Council have had under anxious and prolonged consideration several questions relating to the publications of the Society, and bearing in mind the existence of so many channels of publication for scientific papers other than those afforded by the Society, have come to the following conclusions:—

First, that it is desirable to publish in the Philosophical Transactions those papers only which are of a high scientific standard, the standard being indicated by such words as "marking a distinct advance in natural knowledge."

Secondly, that it is desirable to limit the Proceedings to abstracts, and to communications not exceeding, save in exceptional cases, about 12 pages in length, and not accompanied by expensive illustrations.

The chief effect of carrying out these conclusions will be to exclude from the Proceedings long papers which, though they may possess scientific value, do not reach the standard proposed for the Philosophical Transactions. In fact, it is decided to abolish the practice which has obtained of relegating to the Proceedings long papers which have been judged unsuitable for the Philosophical Transactions. This, perhaps, especially applies to papers of a technical character, and papers which, though embodying accurate and valuable observations, are more or less incomplete. It is thought that other channels amply provide for the publication of these.

The President and Council hope that the Fellows generally will assist them in this modified procedure, one effect of which will be to enable the Proceedings to be issued more rapidly, and so to serve as a suitable channel for the speedy and brief announcement of new discoveries in all branches of science.

We beg further to remind you that Statute V., chap. XI., as modified in 1891, now runs as follows:—

Meeting unless it be communicated by a Fellow or Foreign
Member; and it shall be the duty of each Fellow or Foreign
Member to satisfy himself that any letter, report, or other
paper which he may communicate, is suitable to be read before
the Society."

Suitability is here meant to refer in the first instance to the scientific value of the paper, but may perhaps be extended to the style of the paper. At all events, the labours of the Committee of Papers and the Officers would be much lightened if the authors of papers paid more attention to the form in which they present their communications, and if they sent in their MSS. more distinctly prepared for press than is often at present the case. It would be a further help if a Fellow in communicating a paper would always distinctly state whether it is intended for the Philosophical Transactions or for the Proceedings, and would further take care in the former case that the full paper is accompanied by an abstract.

You are doubtless aware that the MS. of every paper which has been communicated to the Society, but which has not been ordered for publication, is retained by the Society. This has been deemed necessary in order that the Society may possess, in view of any disputes which may arise in the future, documentary evidence of the exact nature of any communication made to it, but not at the time ordered for publication.

(We may add that the President and Council have for some time past been in the habit, upon request being made, of allowing the author to have back any elaborate illustrations accompanying a communication, while retaining the manuscript itself.)

Hence it is most desirable that an author should retain, for his own use, a copy of any paper communicated to the Society. This would, in the case of a paper not ordered for publication, obviate the inconvenience of a copy having to be made when that paper is already in the possession of the Society. Now, the most common method of duplicating a manuscript is to take a typewritten copy. And we are directed to point out to you that the advantages of the Society possessing a communication in the handwriting of the author, besides being themselves more or less hypothetical, are certainly much less than the advantages of the communication being typewritten; and to assure you that the business of the Society would be much lightened, and fewer printer's errors would occur, if all the communications made to the Society were in the typewritten form.

Lastly, we may point out that it would be an additional advantage if the same size of page were, so far as is possible, used in all the communications, and we would suggest that foolscap folio (about 13 by 8 inches) should be employed. We believe that this size would be found suitable for all kinds of subjects, including those of a mathematical character.

The President and Council therefore suggest that in the future any paper communicated by you, whether written by yourself or another, should, save in cases in which it may prove inconvenient, be typewritten on paper of that size.

We are,

Your obedient Servants,

M. FOSTER Secretaries R. S. RAYLEIGH

(We may add that the President and Council Rove for some time past bean in the habit, upon asquest being made, of allowing the author to have had any elaborate illustrations accompanying a communication, while actaining the namescript itself.)

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Your obestient Ferrants,

JANTHOE M

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THE HALL MINES, LIMITED,

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Telegraphic Address,

"CLAIMS," LONDON,

AND
"MINERAL," NELSON.

London, 5th June, 1896.

The Directors have pleasure in placing before the Shareholders the results of the smelting operations for the month of May, as follows, viz.:—

3,420 Tons Ore were Smelted:Yielding 283 Tons Matte.Containing (approximately)—135 Tons Copper.

70,847 Ozs. Silver.

By order,

F. RAMSAY,

Secretary.

Reput Muej 96

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FROM HEARD

Distinguished Orientalist Denies That He Is a Buddhist.

CHRISTIAN STILL IS

Writes a Letter of Denial to Mrs. Elizabeth A. Reed.

Furnishes an Eloquent Pen-Picture of the Character and Influence of the Savior.

The sensational accounts of the alleged conversion to Buddhism of the distinguished Christian gentleman and eminent Oriental scholar, Professor Georg Moritz Ebers of the great German University of Leipsic, have at last received an authoritative and, withal,



PROFESSOR GEORG MORITZ EBERS. an eloquent and somewhat caustic contradiction.

The person who makes the contradiction is none other than the illustrious professor himself, and it comes in the shape of a lengthy and somewhat pathetic letter to a scarcely less distinguished Oriental scholar and author in Chicago, Mrs. Elizabeth A. Reed, M. A., wife of the well-known broker, H. V. Reed of 936 No. 108 La Salle street.

How the rumor of the alleged "conversion" at first cropped out is as yet a good deal of a mystery. But the place in which it first saw the light of printer's ink is fixed beyond a doubt. For the professor himself in his letter to Mrs. Reed brands the report as being purely of American origin. And it likewise plevelops that Mrs. Reed's letter to him was the first intimation he yet had of his own "conversion" to the doctrines of esoteric

In other words, the great scholar of Leipsic University had for months been ranking high as a full-fledged theosophist—a leading candidate for "mahatmic" honors, it may be-and himself never at any time aware of it.

Professor Ebers' Letter. ssor Ebers is dated from

heen translated

the modern languages.

It is easy to see what a blow would have been dealt to Christianity by the secession of such a man; also what a tower of strength he would have proven to the enemies of the only religion that most truly makes for sweetness and light in human thought and life.

Rumor Started in New York.

Who, then, are they to whom is to be ascribed the invention of the recent calumnious publication regarding Dr. Ebers' atticude toward the Christian faith?

on this point Mrs. Reed wished to preserve a rigid silence. Candor, however, compelled her to say that in her belief "the canard had plainly the ear-marks of New York's peculiar brand of theosophy about it." This, however, was a mere tentative opinion of Mrs. Reed's, and she was careful to make it clear that she knew of no extrinsic evidence going to show that the votaries "at the somewhat discredited shrine of the Mahatmic-veiled prophets of occultism and sheeted ghosts had aught to do with originating the rumors of the "notable conversion."

Mrs. Reed was free to admit that she enter-

aught to do with originating the rumors of the 'notable conversion.'"

Mrs. Reed was free to admit that she entertains a sentiment of personal gratification at the happy denouement to which her letters quickly brought the Ebers incident. She says she will make it a point to forward a copy of The Inter Ocean to Dr. Ebers in Germany, so that the illustrious litterateur may know that the statements alleging his secession from the religion of the Nazarene are contradicted roundly and for all time.

From Dr. W. M. F. Petrie Mrs. Reed the other day received a letter in which the renowned archaeologist gave some interesting details relative to the heiroglyphic-marked slab that he recently discovered in Egypt. This slab is said to contain authentic records and inscriptions that will affect historical dates as heretofore accepted, turning back by thousands of years the index hands upon the face of the timepiece of all history.

nigh as a full-fiedged the coophist—a leading candidate for "mahatmic" honors, it may be—and himself never at any time aware

Ebers' Letter

The letter of Professor Ebers is dated from Wiesbaden, Germany. It was written only a few weeks ago and has just been received by Mrs. Reed. It is worded in German and is autographic, the penmanship showing the microscopically delicate lettering so characteristic with

is autographic, the praining autographic, the praining activities with expressions of friendly greeting to Mrs. Reed, and with some choice felicitations of the spinoid measure of success the late of the spinoid measure of success the late of the spinoid measure of success the late. The side of the spinoid measure of successions are successed to the spinoid measure of successions and success of the spinoid measure of the success of the system. It seems that I found in Buddhism many true and beauties of the system. It seems that I found in Buddhism many true and beauties of the system. It seems that I found in Buddhism many true and beauties of the system. It seems that I found in the success of the system of seas Christ, who is to make the system of seas Christ, who is to make the system of season of seaso

British Museum (Natural History), Cromwell Road, London, S.W.; 25th May, 1896.

Jubilee of the Palæontographical Society, Friday, June 19th, 1896.

DEAR SIR,

The Jubilee of the Society marks such an important period in its history that I venture to ask you not only to make a point of being present at the Anniversary Meeting at the Apartments of the Society at 5 p.m., but also to send me your name for the Dinner afterwards, at the Criterion Restaurant, Piccadilly Circus, London, W., at 6.30 p.m. for 7 precisely. It is hoped that a goodly number of the Palæontographical Society and their friends will join in celebrating this interesting event.

May I beg the favour of your kind reply to this invitation. The charge for the Dinner (including wine) will be £I IS. Names should be sent in as soon as possible that the number intending to be present may be known, and suitable arrangements made.

I am, dear Sir,

Yours very truly,

HENRY WOODWARD,

Vice-President.

Answers may be addressed to—
Dr. Henry Woodward, F.R.S.,
129, Beaufort Street,
Chelsea, S.W.

Palueur June/96

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Royal Society of Canada.

MAY MEETING, 1896,

OTTAWA.

The Fifteenth General Meeting of the Royal Society of Canada will be held in the Normal School Building, Ottawa, during the week commencing TUESDAY, 19th MAY next.

The Council meeting will be held in the Secretary's office, House of Commons on Monday, 18th May at 2 o'clock p.m.

Titles and short abstracts of papers must be forwarded to the Secretary, at Ottawa, at least by the first of May. Abstracts must be type-written when possible.

Fellows who intend to be present should notify the Secretary in the first week of May.

Associated Societies should send the names of delegates as soon as possible.

JNO. GEO. BOURINOT,

Hon. Sec. R. S. of C.

OTTAWA, 9th March, 1896.

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British Elssociation for the Eldvancement of Science.

SIXTY-SIXTH MEETING

TO BE HELD IN LIVERPOOL, SEPTEMBER 16th to 23rd, 1896.

UNIVERSITY COLLEGE, LIVERPOOL,

February, 1896.

DEAR SIR,

We have the honour, on behalf of the Executive Committee, to invite you to the next Meeting of the British Association for the Advancement of Science, which will be held in Liverpool, under the Presidency of SIR JOSEPH LISTER, Bart., President of the Royal Society, in the week commencing Wednesday, September 16th, 1896.

The Committee will consider you to be their guest during the time of your stay in this City,

and will do all in their power to render your visit a pleasant one.

The objects of the Association may be stated to be:—To give impulse and direction to Scientific inquiry, to promote intercourse between students of Science in the British Empire, and in other countries, to obtain a more general attention to the objects of Science, and to remove any disadvantages of a public kind which impede its progress.

The success of the Association depends greatly on the realisation of the second of these objects—the promotion of personal intercourse between those who are engaged in the pursuit of Science. The advantage of friendly intercourse with fellow workers in other countries is strongly felt by the members of the British Association, and the gain to Science derived from meetings of an

international character is acknowledged by all.

The Local Executive Committee of the British Association in this City are desirous of making the presence of Foreign Visitors a prominent feature of the forthcoming meeting, and have reason to hope that their endeavours will be successful. Liverpool has the means of entertaining a large number of Foreign Savants, and can offer to them exceptional opportunities of visiting points of interest in the neighbourhood and of becoming acquainted with some of the most important branches of industry in this country. A number of excursions to places of Scientific interest will be arranged—including one, extending over several days, to the Isle of Man.

We shall be grateful to you for an early answer, in order to facilitate the arrangements which have to be made, and we shall be glad to forward to you any information concerning routes, railway

communications, etc., that you may desire.

We are, DEAR SIR,

Yours faithfully,

W. A. HERDMAN,
I. C. THOMPSON,
W. E. WILLINK,

Honorary
Local Secretaries.

Please address reply to—
Professor Herdman,
University College,
LIVERPOOL.



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LIVERPOOL.



With compliments of the Rev. Ishu McCarles.

Montreal

Christian Jewish Mission.

(OCCASIONAL PAPER, FEB. 1896.)

OF the nine or ten thousand Jews within the Dominion of Canada six thousand are resident in the city of Montreal, a number which is steadily increasing. They come mostly from Germany, Austria-Hungary, Poland and Russia.

Among other reasons for offering them the gospel, the following will commend themselves to every reflecting mind.

As sinners they as we are perishing without it. Jesus said: "If ye believe not that I am He, ye shall die in your sins."

The divinely revealed order is that we "begin at Jerusalem." In regard to the extended and varied mission fields of the Gentile nations every one is at liberty to single out India or China, Japan or Central Africa, or any other region, according as it may appeal more strongly to his reason or affection than others; but in regard to the limited and special Jewish field there is not the same liberty of choice. In this work every one *must* take an interest, if he would not disregard the plainly revealed plan of God; for the Spirit's voice, still applicable to every locality where a remnant of Israel is found, is—"to the Jew first and also to the Gentile."

We would acknowledge as we can the debt of justice for past wrongs inflicted on the Jews by so-called christians.

We would recognize the debt of gratitude for priceless blessings from God through the Jews.

We desire to further an agency designed in the revealed purpose of God to be a channel and an instrument of blessing to the whole world. His promise teaches us, that through the restoration of Israel the golden age of the world is to be ushered in.

There is no doubt that as a nation, the people of Israel reject Christ. But it is also certain that wherever the gospel is faithfully offered to them, some accept it. The roll of Jews who are believers in Jesus as their Messiah is much larger than is supposed by those who have not inquired into the facts. No wonder if they have been prejudiced. After centuries of cruelty, with its natural results, and which has not yet ceased, there have been a few years of kindness shown to a limited extent, but yet with most encouraging results.

The mission to the Jews in Montreal, which was for a time under the care of the Presbyterian Church, is being carried on in an independent form. Those young converts who assisted the former missionary are giving hearty volunteer assistance, and it is in charge of the Rev. John McCarter.

Methods.—1. Divine service is held at the Mission Hall, 354 St. Lawrence Main, every Lord's Day from 4 to 5 p.m. The Old Testament Scriptures are read in the original, as well as in English, Jewish difficulties handled, and the gospel preached in English and in German. Some need to be spoken to in their peculiar languages, while with others plain English is sufficient; and thanks to the eagerness of the Jews to learn English, and to the public schools which hundreds of Jewish children attend, this number is always increasing. Christians attend our Sunday service as well as Jews, and the meeting grows both in numbers and in interest.

- 2. Classes for the instruction of adults in English reading and writing are held on four evenings of the week,—Monday to Thursday, from 7.30 to 9 o'clock,
- 3. On Friday Evenings a meeting for Bible reading, discussion and prayer is held.
- 4. A meeting for Jewesses is conducted by Mrs. McCarter along with other ladies, every Wednesday afternoon. The object is to give assistance with Bible study, and also sewing.
- 5. House visitation. This is perhaps the most interesting and important item of the work. Many families are quite accessible and friendly. There is also visitation by ladies.
 - 6. A Sabbath School and other agencies are in contemplation.

Objections.—But it may be said—the churches are open, and there is liberty to Jew as well as Gentile to enter, if he will. What more can be required? While we thank God for the existing means of grace,

this, for the case in hand, is far from sufficient. The difficulties, doubts and objections which entangle the Jewish mind, are peculiar, and require to be met by special arguments and special methods. Nor is it now the time of day to expect that preachers of the Gospel will be invited into the Synagogues, there to "speak a word of exhortation" in the way that liberty was given of old to Paul and Barnabas.

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Finances.—Our income depends entirely on voluntary offerings: our principle is to ask the Lord, and tell His people.

The heads of expenditure are :-

- a. Current outlays to maintain and extend the work, including rent of building, so long as the mission does not possess premises of its own.
- b. Means to furnish temporal help to the Jews as required. We are met every day by cases of want and suffering. In this work it is in an especial way needful to follow the Master's own method, liberally yet discriminately to minister to temporal wants, while seeking to win souls to spiritual life.
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We have purposely refrained from any appeal until there was something tangible to shew. Now we are free to invite our fellow christians of every evangelical name to visit any of our meetings and judge for themselves. Will not the Lord's people be moved to extend a helping hand to this much needed work, and seek the blessing promised to all who are lovers of His ancient people?

It lies with the Advisory Committee to see to it that all contributions be duly accounted for. Every gift will be acknowledged, and balance sheet duly audited, will be issued at the close of the year.

Thanks are hereby expressed to the Foreign Mission Committee of the Presbyterian Church for gift of the apparatus in their hands which belonged to the Mission in its previous form; also to the Montreal Bible Society for liberal grant of books. "We are fully convinced that God will bless only that work which He owns as His. Hence we desire to do His work, in obedience to our Lord, in the power of the Holy Spirit, and for the glory of our God. We wish to avoid all tricks to encourage contributions, and to be in every thing honest and true before God and man. We are fellow-workers with God, and for God, and cannot afford to lose His presence, His power, His guidance and smile."

The following have kindly allowed their names to be mentioned as in cordial sympathy with this work:—Sir J. Wm. Dawson, C.M.G., LL.D. Rev. R. Campbell, D.D., St. Gabriel Church; Rev. J. H. Dixon, Rector, St. Jude's Church; Rev. T. S. McWilliams, M.A., American Presbyterian Church; Rev. James Barclay, D.D., St. Paul's Church; Rev. S. P. Rose, D.D., St. James Methodist Church; Rev. Jas. Fleck, B.D., Knox Church; Rev. A. J. Mowatt, Erskine Church; Rev. F. M. Dewey, M.A., Stanley Street Church; Rev. A. M. Phillips, B.D., Douglas Church; Rev. W. T. Graham, Grace Baptist Church. Messrs. J. M. Slessor, A. C. Hutchison, W. Drysdale, A. J. Harte, J. R. Dougall, J. Porteous Arnold, James Tasker.

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.vice-Presidents

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Dr. W. T. BLANFORD, F.R.S.

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Secretary.

Rev. Prof. T. WILTSHIRE, M.A., F.G.S., 25, Granville Park, Lewisham, London, S.E.

THE PALÆONTOGRAPHICAL SOCIETY was established in the year 1847 for the purpose of figuring and describing the whole of the British Fossils, and has since that period issued forty-nine Quarto Volumes, containing 13,801 pages and 1880 plates. Members pay a subscription of One Guinea per annum (due in January). For this sum they receive a Quarto Volume containing from 30 to 40 plates and about 300 pages of letterpress. Members have also the privilege of obtaining the back volumes, those issued during the last ten years at One Guinea per volume, and the earlier ones at Fifteen Shillings each; or, instead of the annual volumes, Members may procure the completed Monographs, or parts of them, as required, the prices of

which will be sent on application to the Secretary.

Of the importance of the work done by the Palæontographical Society, Professor T. G. Bonney, D. Sc., L.L.D., F.R.S., writes :- "The unremunerated labours of many of the leading palæontologists of Britain have enriched their fellow-workers with a series of monographs, sometimes dealing with various genera or classes, sometimes presenting a synoptic view of certain portions of the fauna or flora of an important Geological period. To these workers, and to all who have taken an active part in the direction of the Palæontographical Society, geologists, not of Great Britain only, are deeply indebted. Never, we may confidently assert, has so magnificent a series of admirably illustrated monographs been placed in the hands of students at so low a price."

The Annual Volumes are now issued in two forms of binding: ist, with all the Monographs stitched together and enclosed in one cover; 2nd, with each of the Monographs in a paper cover and the whole of the separate parts enclosed in an enveloper Members wishing to obtain the Volumes in the latter form are requested to

mention the fact to the Secretary, ogranus of

The following is a list of the completed Monographs:

The Morphology of Stigmaria ficoides, by Prof. W. C. Williamson. The Eocene Flora (Filices and Gymnospermæ), by J. Starkie Gardner. The Carboniferous and Permian Foraminifera, by Dr. H. B. Brady. m beds The Stromatoporoids, by Prof. H. A. Nicholson. The Tertiary, end Cretaceous, Oolitic, Devonian, and Silurian Corals, by M. Milne-Edwards onin-vin and J. Haime. The Polyzoa of the Crag, by G. Busk. Cretaceous, and Oolitic Echinodermata, by Prof. E. Forbes, Dr. T. Wright, and W. P. Sladen. The Fossil Cirripedes, by C. Darwin. The Post-Tertiary, Tertiary, Cretaceous. and Carboniferous Entomostraca, by Prof. G. S. Brady, Rev. H. W. Crosskey, D. Robertson, Prof. T. R. Jones, J. W. Kirkby, and Dr. G. J. Hinde. The Fossil Estherial by Prof. TestResones. Som The Cambrian, Silurian, and

Devonian Trilobites, by J. W. Salter. The Carboniferous Trilobites, by Dr. H. Woodward. The Fossil Merostomata, by Dr. H. Woodward. The Brachiopoda, by Dr. T. Davidson. The Eocene Cephalopoda, Univalves and Bivalves, by F. E. Edwards and S. V. Wood. The Mollusca of the Crag, by S. V. Wood. The Great Oolite Mollusca, by Prof. J. Morris and Dr. Lycett. The Fossil Trigoniæ, by Dr. Lycett. The Lias Ammonites, by Dr. Wright. The Fossils of the Permian, by Prof. King. The Reptilia of the Tertiary, Cretaceous, Wealden, Purbeck, Kimmeridge Clay, and Lias the, by Sir Richard Owen. The Red Crag Cetacea, by Sir R. Owen. The Fossil Mammalia of the Mesozoic Beds, by Sir R. Owen. The Fossil Elephants, by Dr. Leith Adams.

Monographs in course of Publication are—

The Fossil Sponges, by Dr. G. J. Hinde. The Crag Foraminifera, by Prof. T. R. Jones, W. K. Parker, and H. B. Brady. The Jurassic Gasteropoda, by W. H. Hudleston. The Carbonicolæ, by Dr. W. Hind. The Palæozoic Phyllopoda, by Prof. T. R. Jones and Dr. Woodward. The Inferior Oolite Ammonites, by S. S. Buckman. The Belemnites, by Prof. Phillips. The Sirenoid Ganoids, by Prof. Miall. The Fishes of the Carboniferous, by Dr. R. H. Traquair. The Fishes of the Old Red, by J. Powrie, Prof. Ray Lankester, and Dr. R. H. Traquair. The Pleistocene Mammalia, by Prof. Boyd Dawkins and W. A. Sanford. The Fauna of the Devonian, by Rev. G. F. Whidborne.

Monographs which have been promised are-

The Fossil Cycadeæ, by A. C. Seward. The Graptolites, by Prof. Lapworth. The Wealden, Purbeck, Jurassic, and Carboniferous Entomostraca, by Prof. T. R. Jones. The Upper Cretaceous Lamellibranchia, by H. Woods. The Purbeck and Rhætic Mollusca by R. Etheridge. The Cambrian Fossils, by Dr. H. Hicks. The Silurian Fish Bed, by Dr. Harley. The Fossils of the Budleigh Salterton Pebble Bed by Rev. G. F. Whidborne.

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Devonian Trilobites, by J. W. Salter. The Carboniferous Trilobites, by Dr. H. Woodward.

The Brachiopoda, by Dr. T. Davidson. The Eocene Cephalopods.

Univalves and Bivalves, by F. E. Edwards and S. V. Wood. The Mollusca of the Crag, by S. V. Wood. The Great Oolite Mollusca, by Prof. J. Words and Dr. Lycett. The Lias Ammonites, by Dr. Wright. The Fossils of the Permian, by Prof. King. The Reptilia of the Tertiary, Cretaceous, Wealden, Purbeck, Kimmeridge Clay, and Liassit, by Sir Richard Owen.

The Red Crag Cetacea by Sir R. Owen. The Festi Mammal of the Mesozoic Beds.

Monographs in college of Relication are
The Cossil Sponges, be the Assertance and H. B. Brady. The Jurassic

Gasteropoda, by W.H. Hulleston, The Garbonicoles, by Dr. W. Hind.
The Palaoccie Physical Manuelles, by S. S. Buckman. The Belemnites,
Dy Frond Miall. The Sirenoid Ganoids, by Prof. Miall. The Fishes
of the Carboniferous, by Dr. R. H. Traquair. The Fishes of the
Old Red, by J. Pewrie, Prof. Ray Lankester, and Dr. R. H. Traquair.
The Pleistocene Mainmalia, by Prof. Boyd Dawkins and W. A. Sanford.
The Fauna of the Devonian, by Rev. G. F. Whidborne.

The Fossil Cycadeæ, by A. C. Seward. The Graptolites, by
Prof./Lapworth. The Wealden, Purbeck, jurassic, and Carboniferous
Entomostraca, by Prof. T. R. Jones. The Upper Cretaceous Lamelli-

branchia, by H. Woods. The Purbeck and Rhætic Mollusca, by R. Etheridge. The Cambrian Fossils, by Dr. H. Hicks. The Silurian Fish Bed, by Dr. Harley. The Fossils of the Budleigh Salterton

beblie Bed by Rev. G. F. Whidborne.

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THE ROYAL SOCIETY,

BURLINGTON HOUSE.

BALLOTING LIST.—November 30th, 1895.

Sir Joseph Lister, Bart., F.R.C.S., D.C.L.
Sir John Evans. K.C.B., D.C.L., LL.D.
Prof. Michael Foster, M.A., M.D.
The Lord Rayleigh, M.A., D.C.L.
FOREIGN SECRETARY. Edward Frankland, D.C.L., LL.D.
OTHER MEMBERS OF THE COUNCIL.
William Crookes, F.C.S
Sir Joseph Fayrer, K.C.S.I
Lazarus Fletcher, M.A
Walter Holbrook Gaskell, M.D
William Huggins, D.C.L
The Lord Kelvin, D.C.L
Prof. Alexander B. W. Kennedy, LL.D.
Prof. Horace Lamb, M.A
Prof. Edwin Ray Lankester, M.A.
Prof. Charles Lapworth, LL.D
Major Percy Alexander MacMahon, R.A.
Prof. John Henry Poynting, D.Sc
Prof. Arthur William Rücker, M.A.
Osbert Salvin, M.A
Prof. Harry Marshall, Ward, D.Sc
Adml. William James Lloyd Wharton, C.B.
Extracts from the Statutes, Chap. VI. Sect. IV.—"The President and Council shall, previous to the Anniversary Meeting, nominate, by "ballot, eleven Members of the existing Council, and also ten Fellows, not Members of the "existing Council, whom they recommend to the Society for election into the Council for the "ensuing year. The President and Council shall, also, in like manner, nominate, by ballot, "out of the proposed Council, the persons whom they recommend to the Society for election "to the offices of President, Treasurer, Principal Secretaries, and Foreign Secretary for the "ensuing year." Sect. VI.—"Balloting Lists, with the names of the Fellows recommended by the President and "Council, and having a blank column opposite for such alterations as any Fellow may wish "to make, shall be prepared for the use of the Fellows, one week before the day of election."
The following List contains the names of the Members of the existing Council:— Prof. Bonney. Mr. Common. Mr. Crookes. Mr. F. Darwin. Sir John Evans, Treas. Prof. Kirk. Sir J. Lister, For. Sec. Prof. Lamb. Prof. Lamb. Prof. Lamb. Prof. Lamb. Prof. Rücker. Mr. Salvin. Prof. Sanderson. Prof. Poynting. Sir J. Kirk. Sir J. Lister, For. Sec. Prof. Poynting. Sir J. Lister, For. Sec. Sir J. Lister, For. Sec. Prof. Poynting. Sir W. H. White.

Names substituted for any of those proposed, are to be written in the blank spaces opposite those they are intended to supersede,—and the printed names are to be erased by the pen.

Any list containing more than eleven names of Members of the existing Council, or more than ten names of Fellows not on the existing Council, as required by the Charter, is vitiated.

Ryneson Repured 1895-6

ACC. NO. 463

ABSTRACT FOR THE MONTH OF JUNE, 1895.

Meteorological Observations, McGill College Observatory, Montreal, Canada. Height above sea level, 187 feet. C. H. McLEOD, Superintendent.

Nyy Campa I.																					
	THERMOMETER.				BAROMETER.				†Mean	ı Mean		WIND.		SKY CLOUDED IN TENTHS.		IS.	it, of le. ne.	ll in	ll in	elted.	
DAY.	Mean.	Max.	Min.	Range	Meac.	Max.	Min.	Range.		relative	Dew point.	direction.	Mean velocity in miles perhour	Mean.	Max.	Min.	Per cen possib Sunshi	Rainfall	Snowfallin inches.	snow me	DAY.
	71.10	80.3	59.8	20.5	29.8453	29.928	29.754	.174	.6310	82.5	65.3	S.W.	12.3	7.2	10	0	64				1
SUNDAY2 34 45 66 77 8	63.92 68.05 64.38 61.03 62.75 66.20	86.2 71.0 77.2 70.0 66.2 72.0 76.9	64.4 59.0 60.0 60.3 56.0 52.9 52.8	21.8 12.0 17.2 9.7 10.2 19.1 24.1	29.9078 29.9757 29.8055 29.9270 30.3010 30.2802	29.939 30.028 29.918 30.120 30.356 30.366	29.850 29.897 29.701 29.806 30.223 30.205	.089 .131 .217 .314 .133	.5025 .5082 .5510 .4025 .3473 .4395	84.7 82.8 90.8 75.2 62 0 69.2	59 2 62.5 61.7 52.8 48.7 55.0	S.W. N. S.E. S.W. S.W. N.	14.5 6.6 13.0 22.1 17 2 5.2 5 8	9·3 3.8 10 0 6.0 1.5 2 7	10 10 10 10 10	8 0 10 0	69 06 87 00 64 88 85	o. 47 o. 06 Inap. o. 43 Inap.		o.47 o.06 Inap. o 43 Inap.	3 4 5 6 7 8
SUNDAY9 10 11 12 13 14 15	75.17 75.92 74.60 68.48 64.92 66.92	83.5 83.2 86.4 84.8 77.5 75.3 75.5	58.0 67.5 62.0 67.0 65.0 62.3 60.3	25.5 15.7 24.4 17.8 12.5 13.0 15.2	30.1082 30.1003 29.9295 29.6900 29.6598 30.0770	30.159 30.173 30.034 29.804 29.723 30.275	30.071 30.015 29.812 29.603 29.626 29.872	.088 .158 .222 .201 .C97	 .6140 .6313 .6308 .6283 .5393 .4215	70.3 70.8 73.7 90.5 88.2 65.0	64.7 65.3 65.5 65.5 61.2 54.2	S.W. S.W. S.W. S. W. S. W.	10.7 9.0 13.3 17.7 13.5 21.2 10.8	4·3 3·8 2.8 7·3 9·5 4.2	9 10 10 10 10 10	0	92 65 82 82 00 31 84	0.12 0.49 0.06		0.12 0.49 0.06	9SUNDAY 10 11 12 13 14
SUNDAY16 17 18 19 20 21	70.12 74.68 77.17 76.62 66.43 68.43	76.2 81 0 85.0 85.2 85.5 75.5 76.0	55.2 57.5 62.0 65.0 69.3 64.3 63.0	21.0 23.5 23.0 23.2 16.2 11.2	30.2620 30.0592 29.9583 30.0068 30.0230 29.9133	30.428 30.130 29.995 30.038 30.062 29.954	30.110 29.972 29.905 29.980 29.952 29.862	 .318 .158 .090 .058 .110	.4868 .5565 .5750 .5777 .6128 .6040	67.2 64.3 61.5 63.7 94.7 87.3	58.0 61.7 62.5 63.2 64.5 64.2	N. S.W. S.W. N. S.E. W.	7.6 11 7 13 4 12.8 6.4 5.8 8.0	0.3 0.0 3.7 6.8 10.0	2 0 10 10 10	0 0 0 4 10 3	91 92 91 77 58 00 31	 o.71 Inap.		0.71 Inap.	16SUNDAY 17 18 19 20 21 22
SUNDAY23 24 25 26 27 28 29	69.72 71.07 71.87 67.12 70.42 71.35	78.0 77.5 80.0 83.0 70.9 79.2 79.2	62.3 62.9 62.3 59.5 65.0 62.0 64.8	15.7 14.6 17.7 23.5 5.9 17.2 14.4	29.9090 29.9682 29.9430 29.9192 30.0227 30.1009	29.942 29.993 30 006 29.968 30.056 30.124	29.859 29.950 29.863 29.892 29.892 30.049	.083 .043 .143 .076 .067	.5270 .5427 .5725 .6173 .6042 .4652	73.2 72.3 74.2 93.2 81.9 61.5	60.2 61.2 62.7 65.2 64.3 56.5	S.W. S.W. N S.E. S. S. S.W.	15 6 9.5 4.6 12.5 16.6 10.1	4.5 4.7 4.7 9.9 8.3 3 7	9 9 10 10 10	0 0 1 9 7 0	80 81 84 82 00 67 97	0.41		0.41	23SUNDAY 24 25 26 27 28 29
SUNDAY30		77.8	59.8	18.3								S.W.	9.0				60	****			30SUNDAY
Means	69.54	78.53	61.40	17.14	29.9877	30.061	29.913	.148	.5489	79.2	61.0	S. 51½° W.	13.4	5.5	8.92	2.36	63.0	3.74		3.74	Sums
20 Years means for and including this month	65.03		58.50	17.33	29.9053			.151	-4378	69.9				5 7			¶53.0	3.48			20 Years means for and including this month.
						- maan				1					. 1	1	1011			of 895	inches Maximum

ANALYSIS OF WIND RECORD.

Direction	N.	N.E.	E.	S.E.	S.	s.w.	W.	N.W.	CALM.
Miles	928	19	90	621	1732	4038	658	240	
Duration in hrs	128	4	23	45	137	187	69	26	I
Mean velocity	7.3	4.7	3.9	13.8	12.5	21.6	9.5	9.2	

Greatest mileage in one hour was 31 on the 1st

Greatest velocity in gusts, 36 miles per hour on the 2nd.

Resultant mileage, 5002.

Resultant direction, S. 51½° W.

Total mileage, 8336.

Thunder and lightning on 5 days, 4th, 12th, 13th

*Barometer readings reduced to sea-level and temperature of 32° Fahrenheit.

- § Observed
- † Pressure of vapour in inches of mercury.
- ‡ Humidity relative, saturation being 100.
- ¶ 14 years only.

The greatest heat was 86.4° on the 1° th; the greatest cold was 52.8° on the 16th, giving a range of temperature of 34.6 degrees.

Warmest day was the 19th. Coldest day was the 6th. Highest barometer reading was 30.428 on the 17th. Lowest barometer was 29.603 on the

13th, giving a range of .825 inches. Maximum relative humidity was 100 on the 21st. Minimum Minimum relative humidity was 44 on the 15th.

Rain fell on 12 days.

Auroras were observed on 3 nights, 1st, 6th and 20th.

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