

Reduce to New length

Review

PHYSICAL AND BIBLICAL HISTORY OF THE EARTH.

Physical and Geological Periods.		Animal Life.	Vegetable Life.	Biblical History.
Kainozoic.	Pre-Geologic.	Nebulous State Incandescent State Primitive Crust Universal Ocean		
Paleozoic.	Earliest Land (Lower Laurentian) Laurentian Huronian	Protozoa	Protophyta <i>(in Graphite beds)</i>	FIRST CREATIVE DAY. Formless and Void. SECOND CREATIVE DAY. Division of the Waters.
Mesozoic.	Cambrian Ordoorian Silurian Erian Carboniferous Permian	Invertebrates Fishes Amphibians	Algae and Protogens Erogens and Gymnosperms	THIRD CREATIVE DAY. Land and Vegetation. FOURTH CREATIVE DAY. Continental Changes & Metamorphosis.
	Triassic Jurassic Cretaceous	Reptiles and Birds	Cycads and Pines Palms and Angiosperms	FIFTH CREATIVE DAY. Invertebrates and Fishes. Reptiles and Birds.
	Eocene Miocene Pliocene Pleistocene Palanthropic Neanthropic	Mammals Man and Recent Animals	Angiosperms Existing Vegetation	SIXTH CREATIVE DAY. Mammals. Antediluvian Man. Post-diluvian Man.

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PHYSICAL AND BRITISH HISTORY

Physical and Biblical History of the Earth,

Geological Periods and Systems	Biblical History	Animal Life	Vegetable Life
Pre-Geologic Eocene	Nebulous State Incandescent State Primitive crust Universal ocean	<u>First Creature Day</u> Formless & Void <u>Second Creature Day</u> Drummer of Waters	
Palaeozoic Era	Cambrian Ordovician Silurian Devonian Carboniferous Permian	<u>Third Creature Day</u> Land and vegetation <u>Fourth Creature Day</u>	Protoscoria Rhizophytes
Mesozoic Era	Triassic Jurassic Cretaceous	<u>Fifth Creature Day</u> Invertebrates Fishes <u>Reptiles</u> Birds	Invertebrates of the sea Fishes Amphibians Algae & Protozoans Clams & Sponges
Kinzoic or Tertiary	Eocene Miocene Pliocene Pleistocene Early modern or Palaeanthropic Later modern or Neanthropic	<u>Sixth Creature Day</u> Mammals <u>Anthropoid Man</u> <u>Pot chilensis man</u>	Reptiles & Birds Birds & Insects Hyperborea & Palms Hunting Vegetation,

MODERN SCIENCE
AND
BIBLE LANDS.

MODERN SCIENCE AND BIBLE LANDS.

BY

SIR J. WILLIAM DAWSON, LL.D., F.R.S., ETC.,
PRINCIPAL AND VICE-CHANCELLOR OF MCGILL UNIVERSITY,
MONTREAL.

Author of "The Story of the Earth and Man," "Fossil Men," "The Origin of the World," etc.

London:
HODDER AND STOUGHTON,
27, PATERNOSTER ROW.

MDCCCLXXXVII.

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WORKS BY THE SAME AUTHOR.

I.

The Story of the Earth and Man. Ninth Edition, with Twenty Illustrations. Crown 8vo, cloth, 7/6.

II.

The Origin of the World, According to Revelation and Science. Fourth Edition. Crown 8vo, cloth, 7/6.

III.

Fossil Men and Their Modern Representatives. An attempt to illustrate the Characters and Condition of Pre-historic Men in Europe, by those of the American Races. With numerous Illustrations. Second Edition. Crown 8vo, cloth, 7/6.

LONDON: HODDER AND STOUGHTON, 27, PATERNOSTER ROW.

PREFACE.

THIS work is intended as a supplement to the Author's previous volumes, entitled "The Story of the Earth," "The Origin of the World," and "Fossil Men," and more especially to bring out the new information obtained in his recent travels in the East, and his matured conclusions respecting certain debated points not treated of or only slightly noticed, in the works named above.

BUTLER & TANNER,
THE SELWOOD PRINTING WORKS,
FROME, AND LONDON.

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- Geological Features and History of the Northern Shore of the Mediterranean—Their Influence on Early Men in Europe and in the East—Their Connection with New Testament Literature and Early Christianity

CHAPTER III.—MEN WHO LIVED BEFORE HISTORY.

- The Origin and Geographical Relations of Primitive Man, in the East and in Europe—Eden and Modern Science—Palaeocemic Man in relation to Antediluvian History—Physical Causes, Characteristics, and Results of the Deluge

CHAPTER IV.—ANTEDILUVIAN ARTS AND CULTURE.

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last page

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Physical and Geological Periods.		Animal Life.	Vegetable Life.	Biblical History.
Eozoic.	Nebulous State Incandescent State Primitive Crust Universal Ocean			FIRST CREATIVE DAY. Formless and Void. SECOND CREATIVE DAY. Division of the Waters.
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	Eocene Miocene Pliocene Pleistocene Palanthropic Neanthropic	Mammals	Angiosperms	SIXTH CREATIVE DAY. Mammals.
		Man and Recent Animals.	Existing Vegetation	Antediluvian Man, Post-diluvian Man.

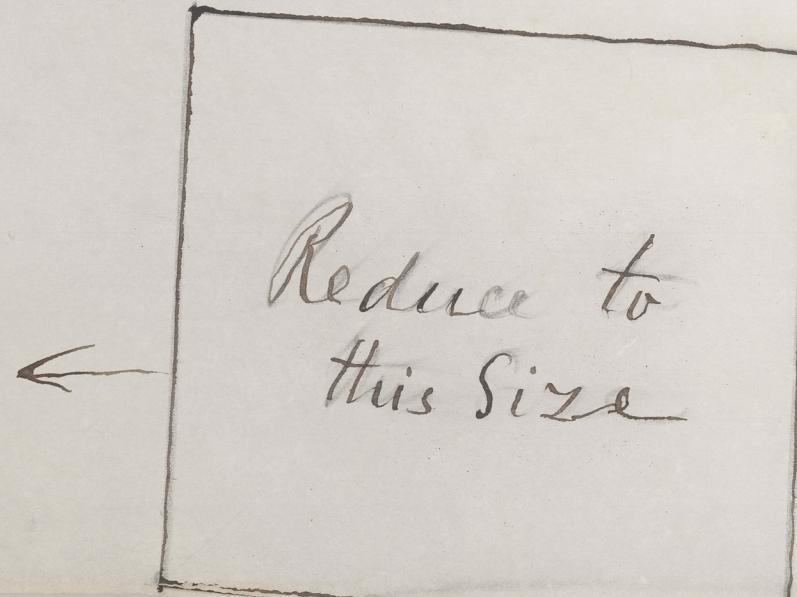
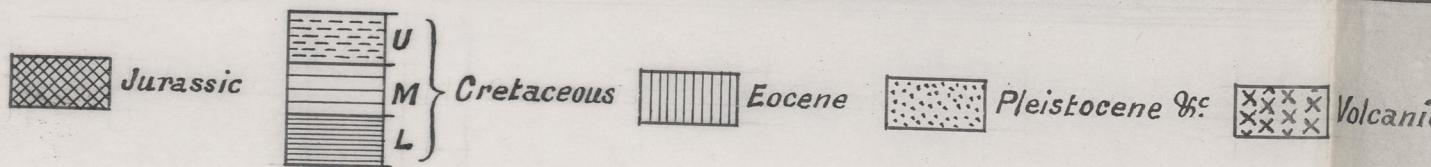
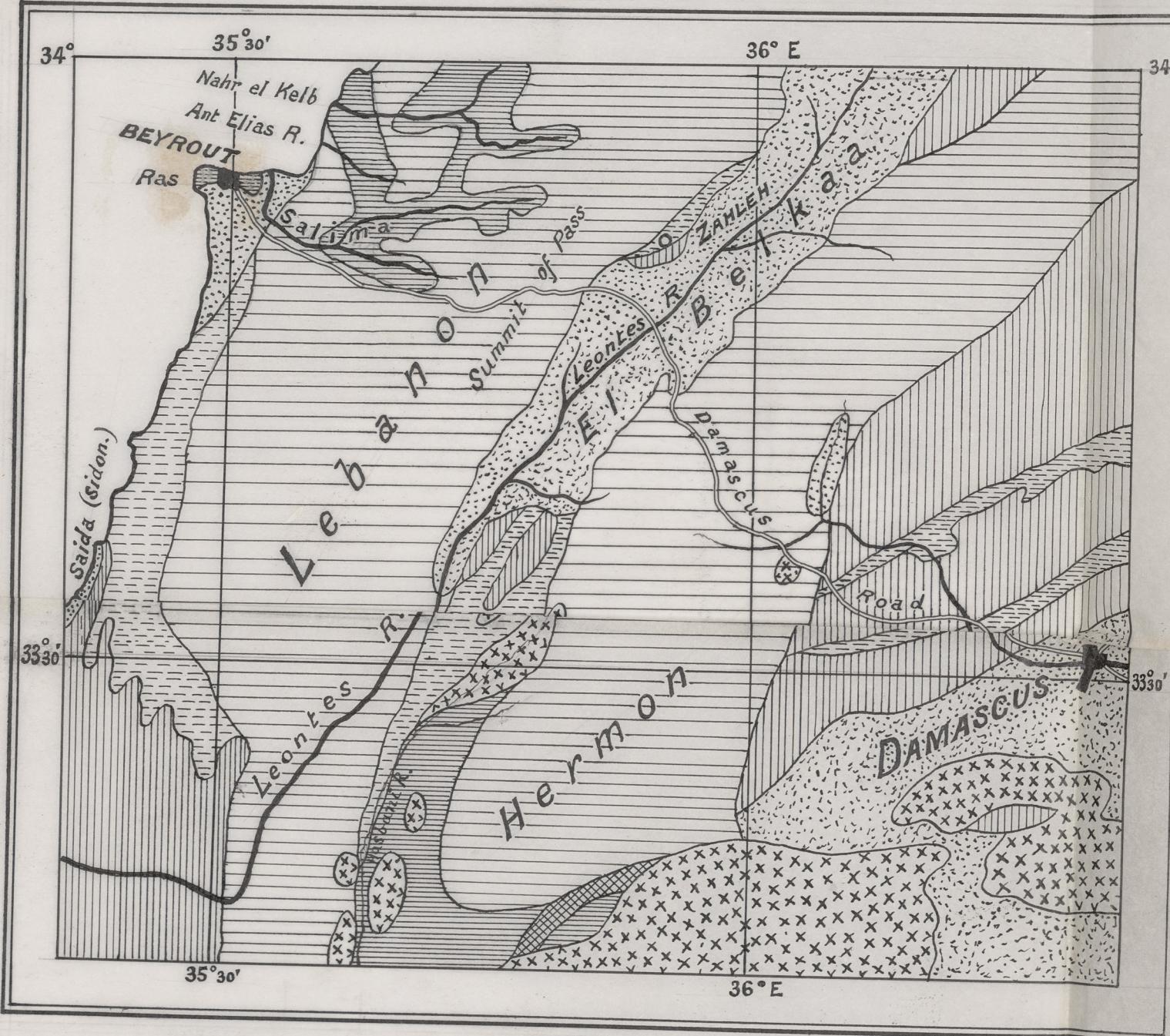
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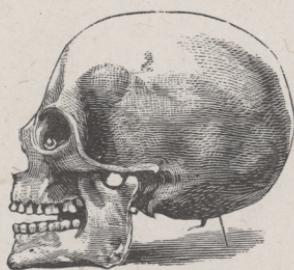


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of this map - size of
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Oct 15-88

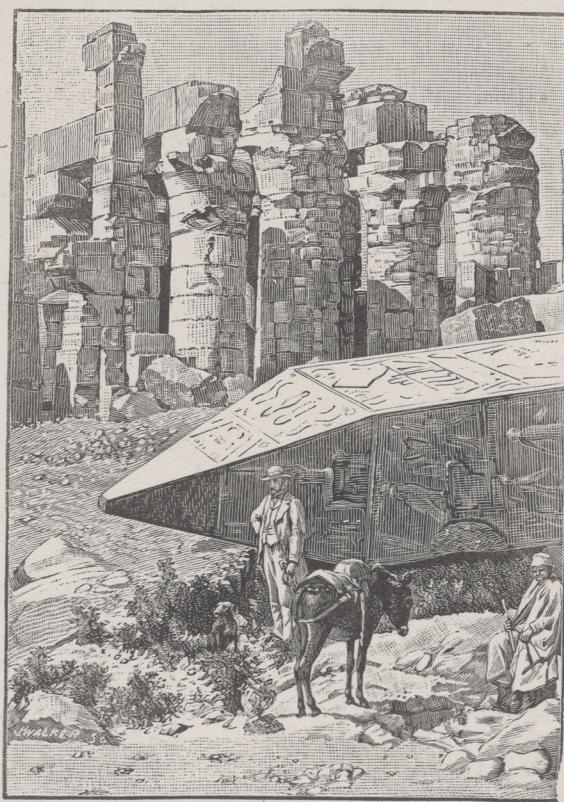
G. M. Dawson

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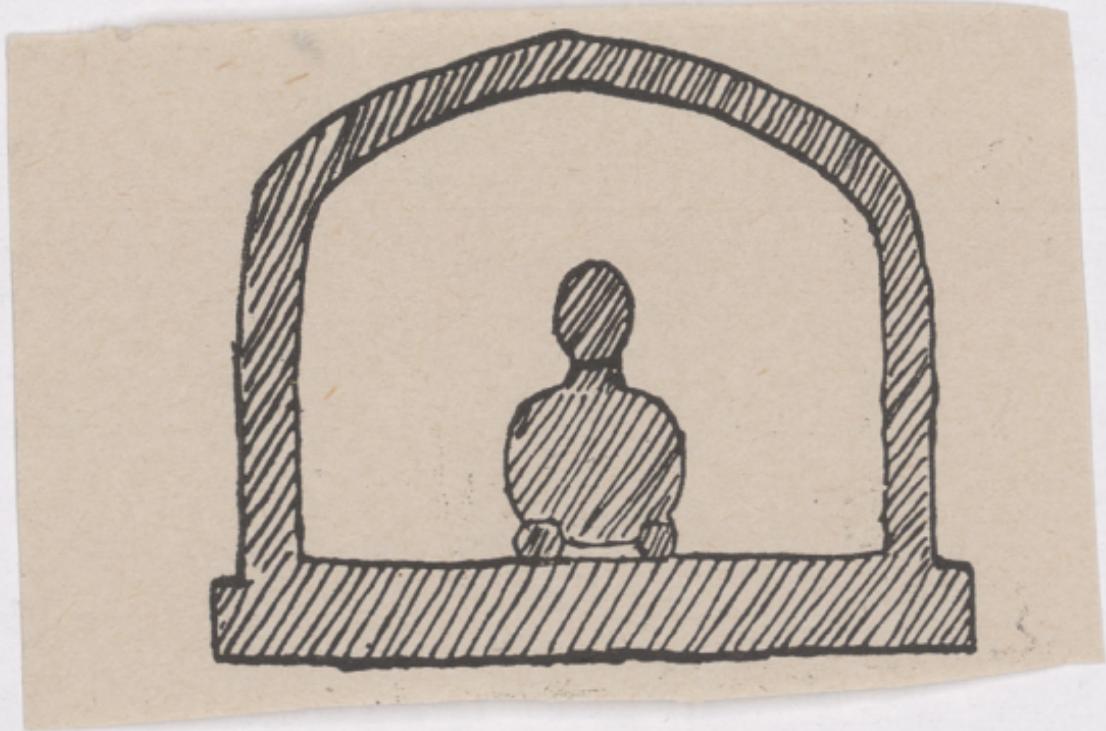


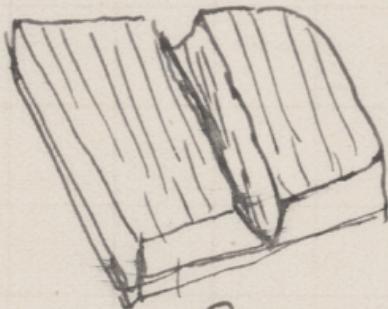






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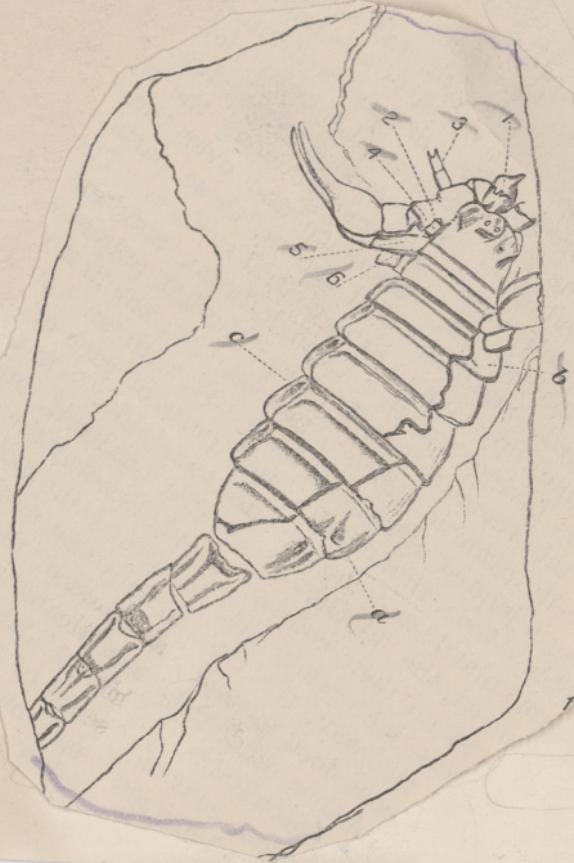




Lawn slab
of Basalt with
transverse lines
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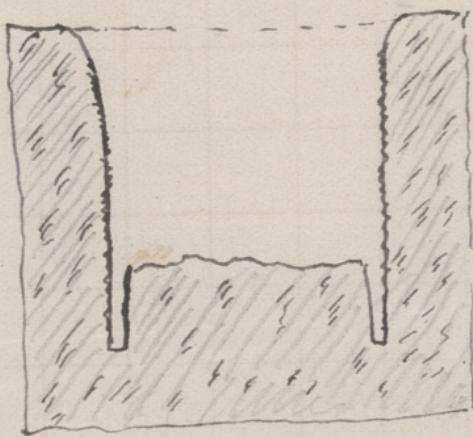


HEAD OF AMENEMHAT I.—(RED GRANITE.)

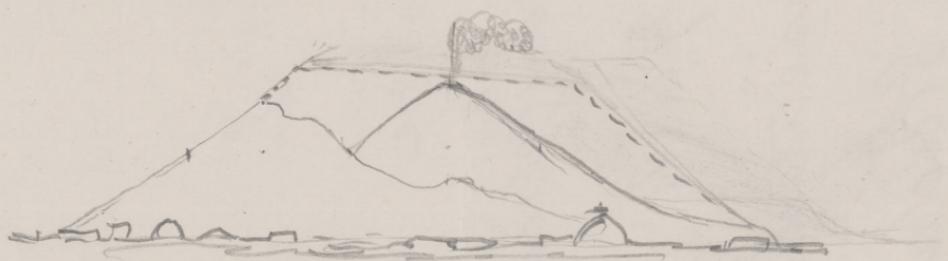


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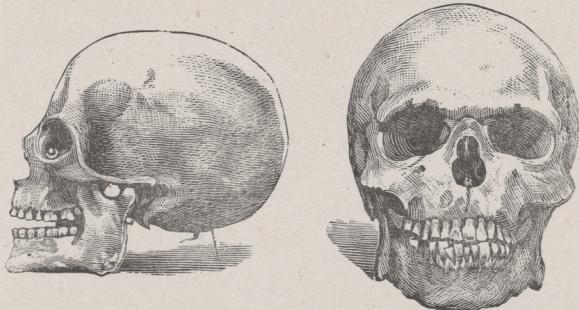




Secteur of Root
Hole in granite
Greek
Poterie.



3



Cut in London
with my Hobbie

Fig 14. Skulls and Warrau or
Guanches, Canary Islands.

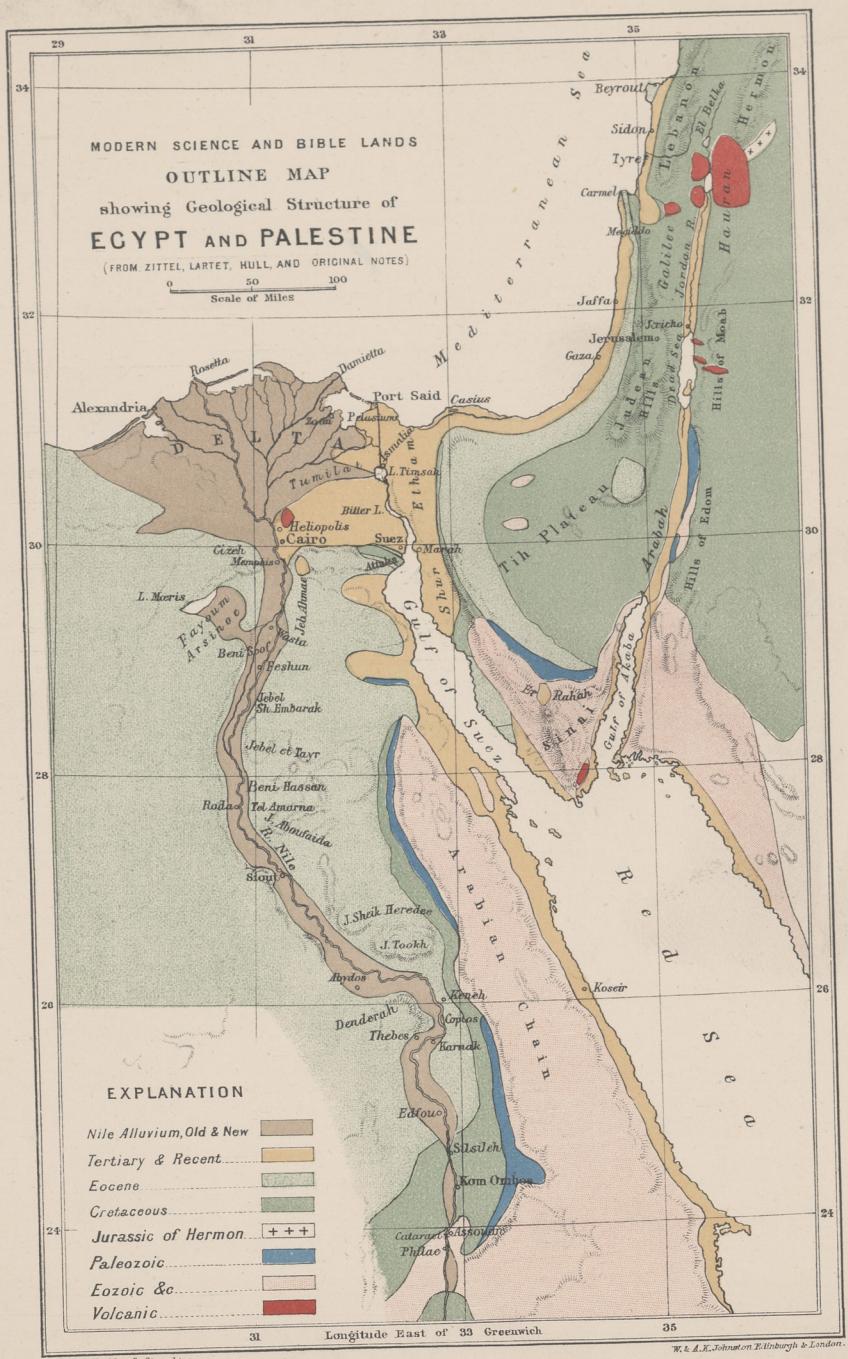
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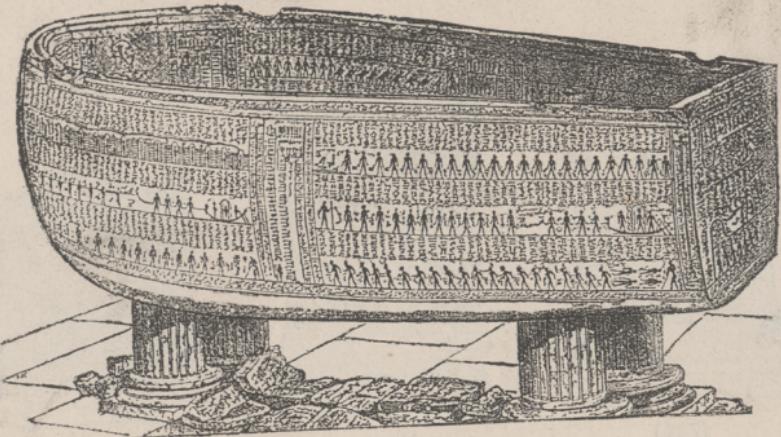


FIG. 12.



FIGS. 11, 12. FLINT KNIVES IN WOODEN HANDLES. $\frac{1}{2}$
FROM BURIAL CAVES IN COAHUILA, MEXICO.

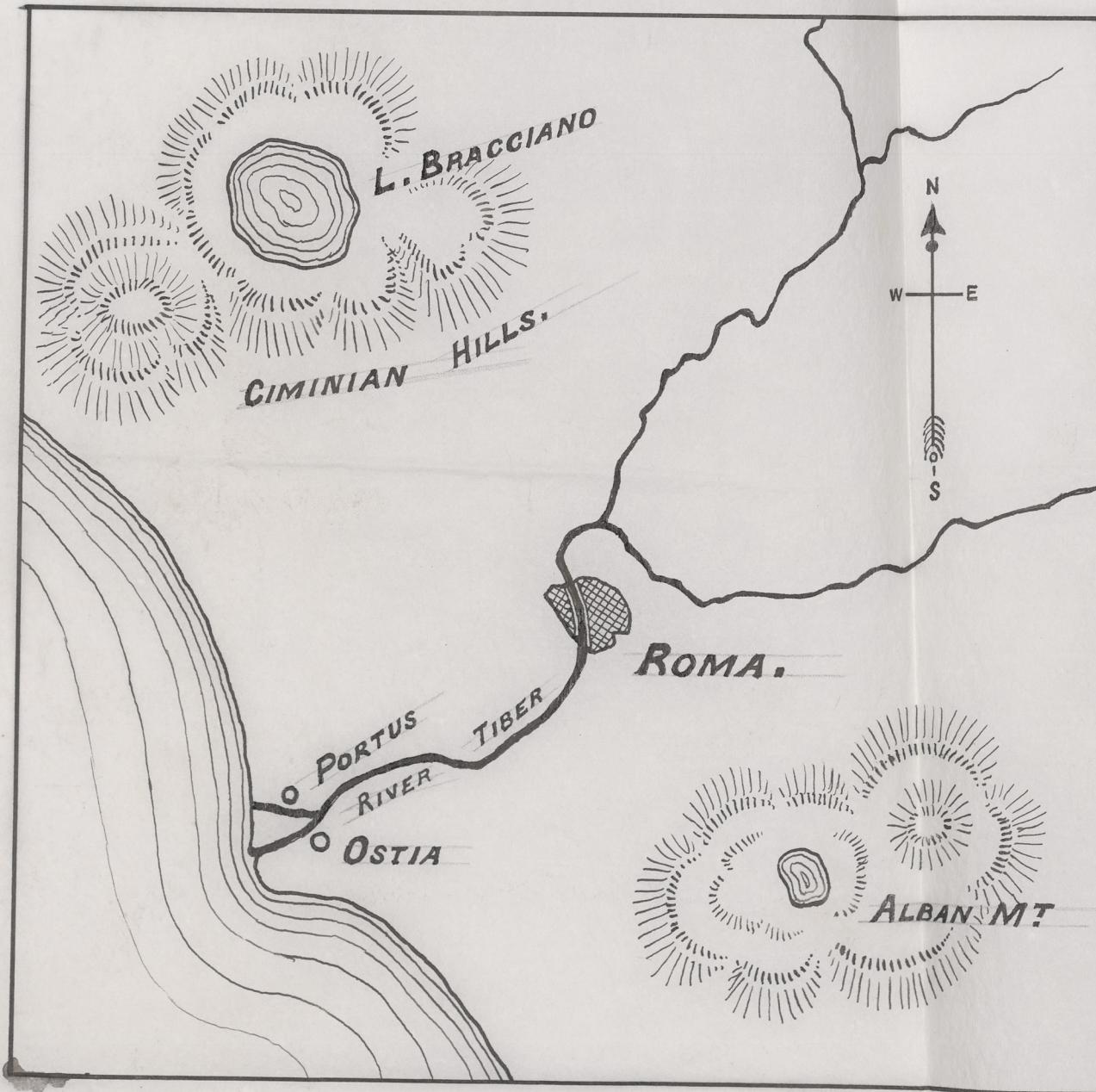




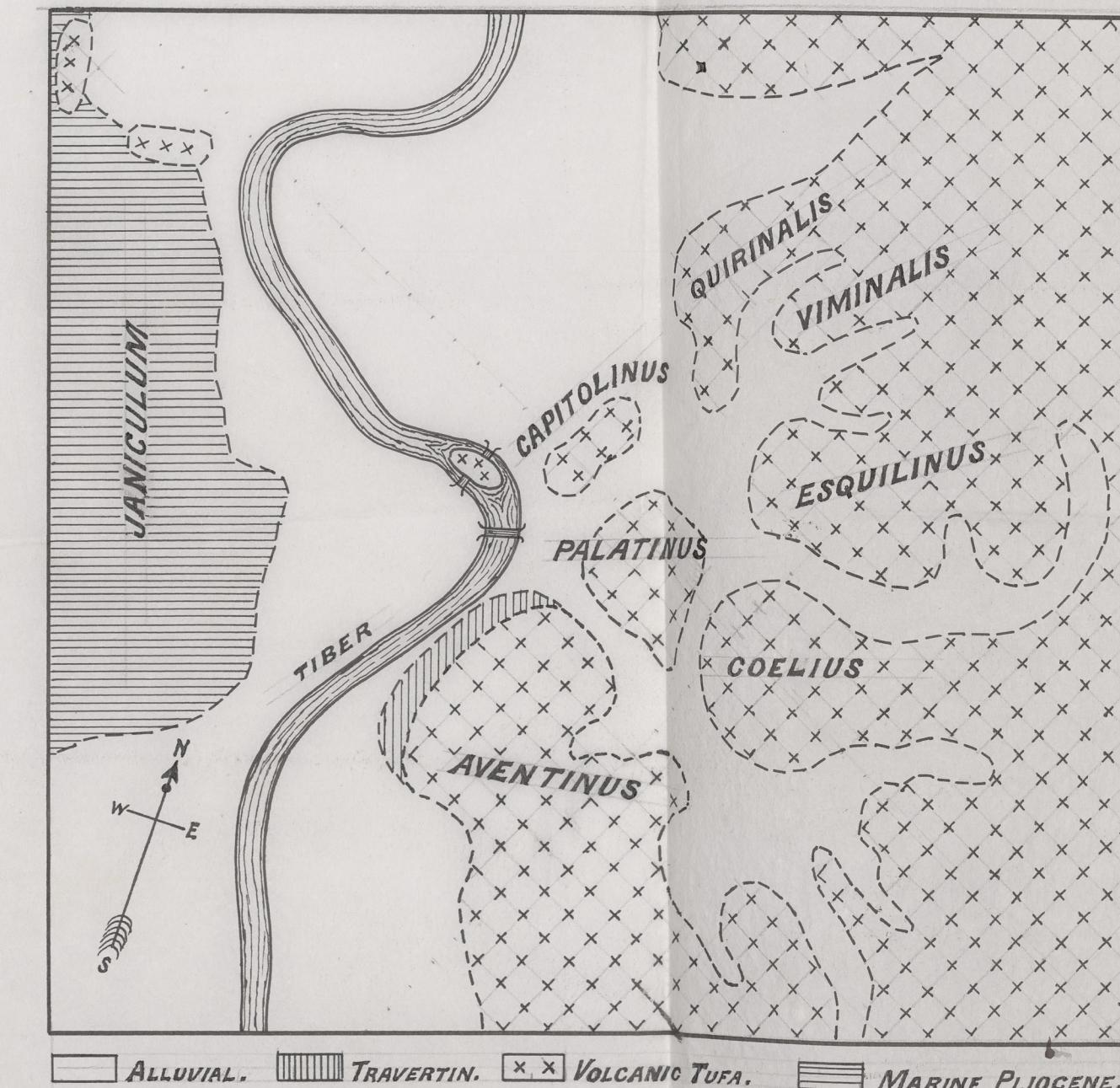
ALABASTER SARCOPHAGUS OF SETI I.

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or less*



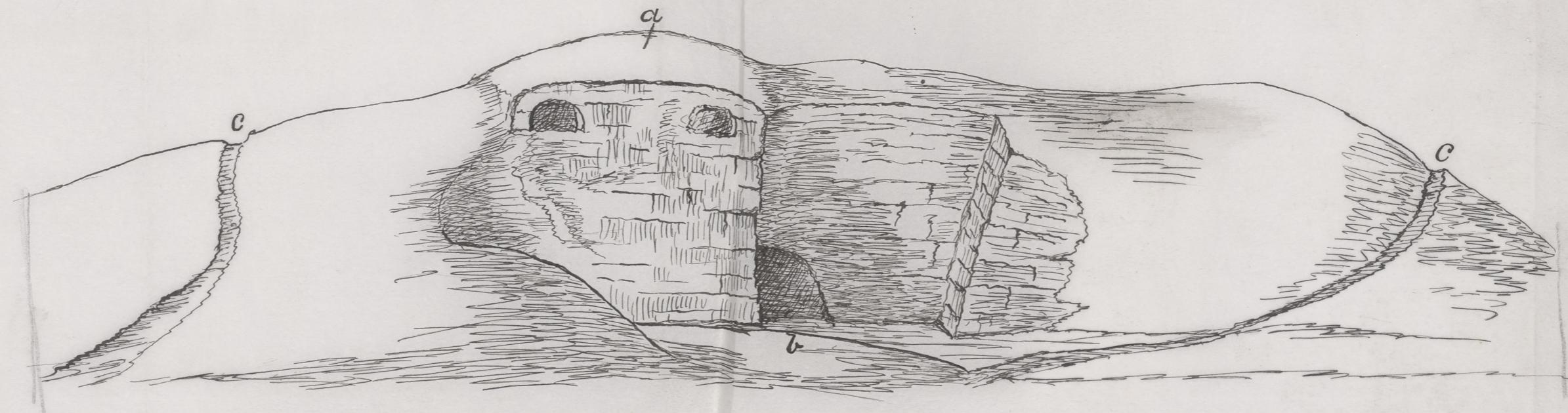


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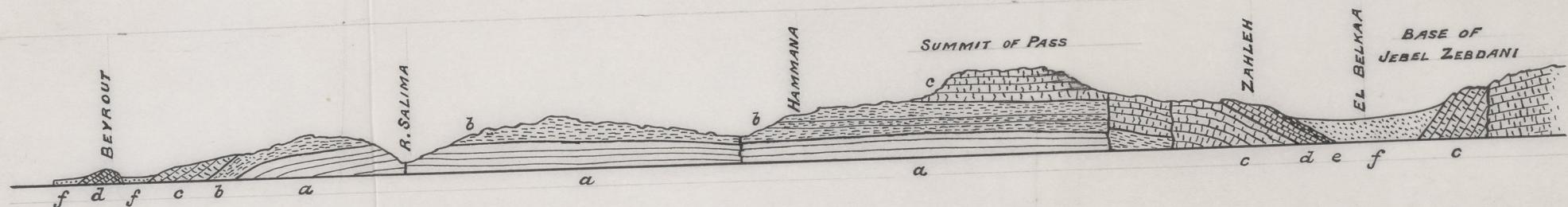


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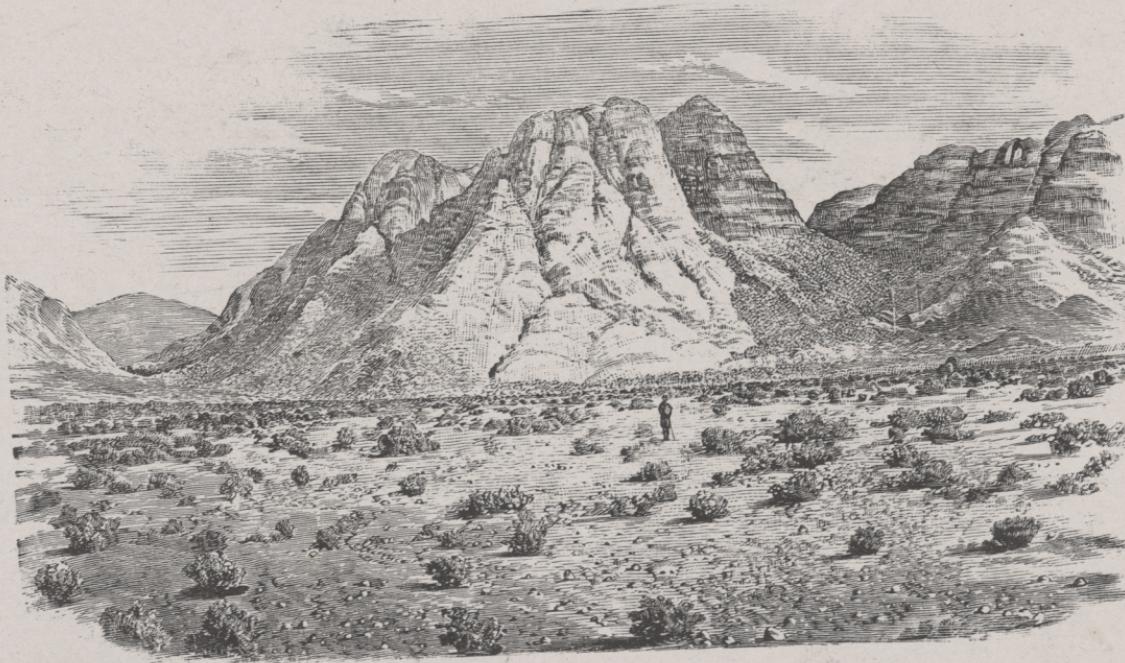




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Photo.

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a little

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will send you a better proof on Monday
28/1/65

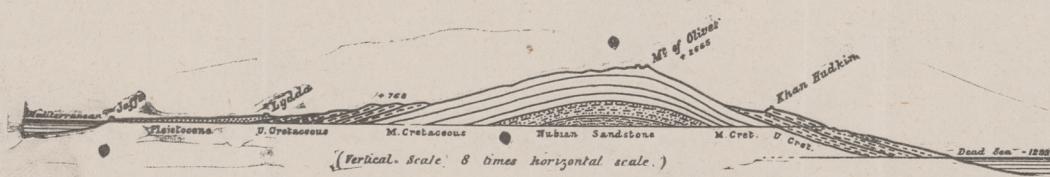
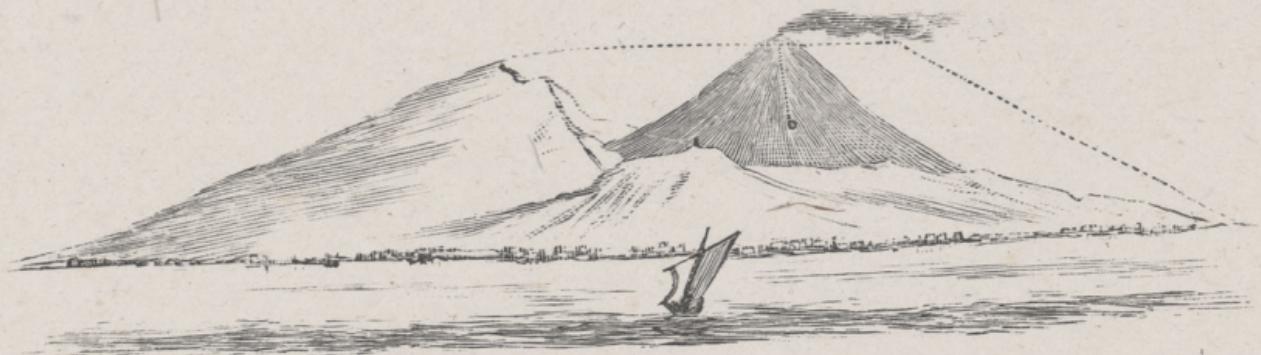


Fig 14

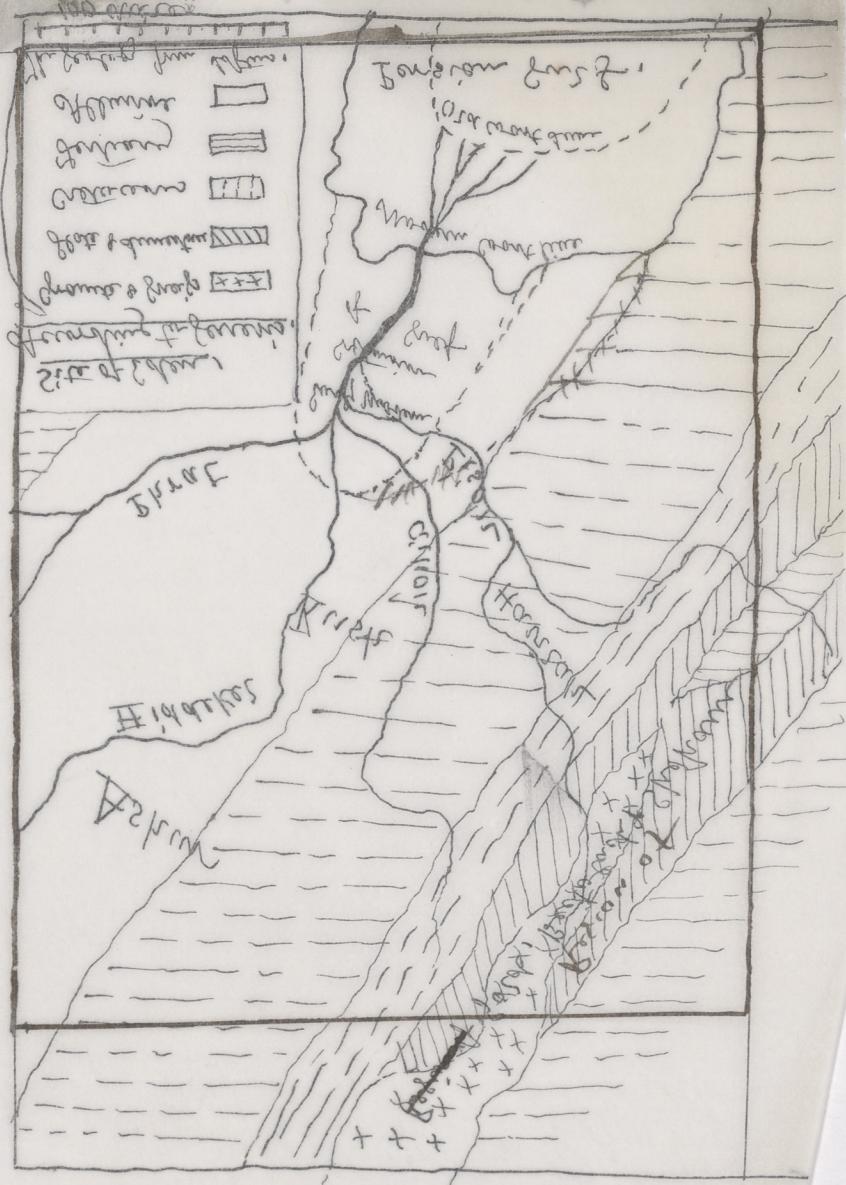


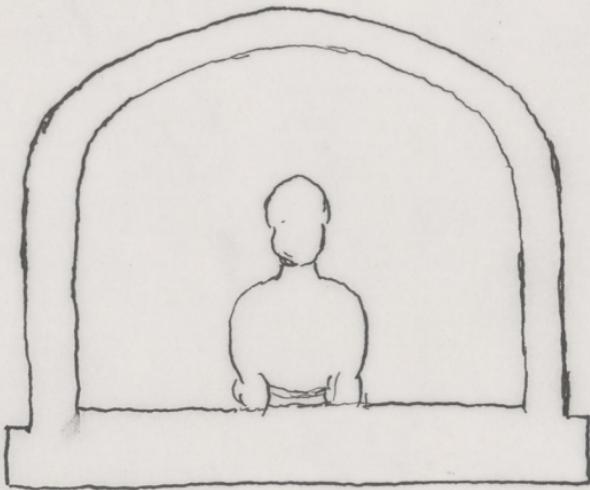


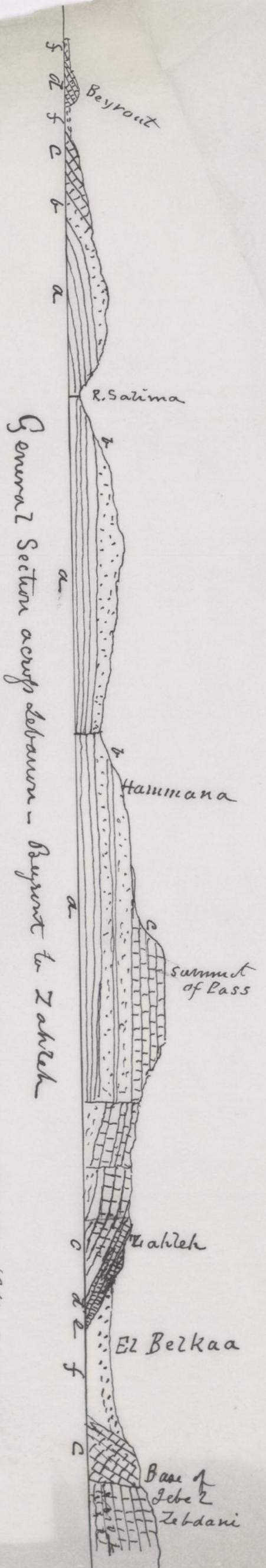




but certain does oblige Mr. Murphy
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Palestine and to Germany
of the puppets thus held
and referred to them,







- (a) Lower limestone (Cretaceous age)
- (b) Biomic & definite dolomite (J. Cenomanian)
- (c) Hippurite-bearing limestone (Upper Cenomanian)
- (d) Chalk & limestone, dark beds see (Serravalian & Dravian)
- (e) Nannoflora (Serrav.)
- (f) Modern.

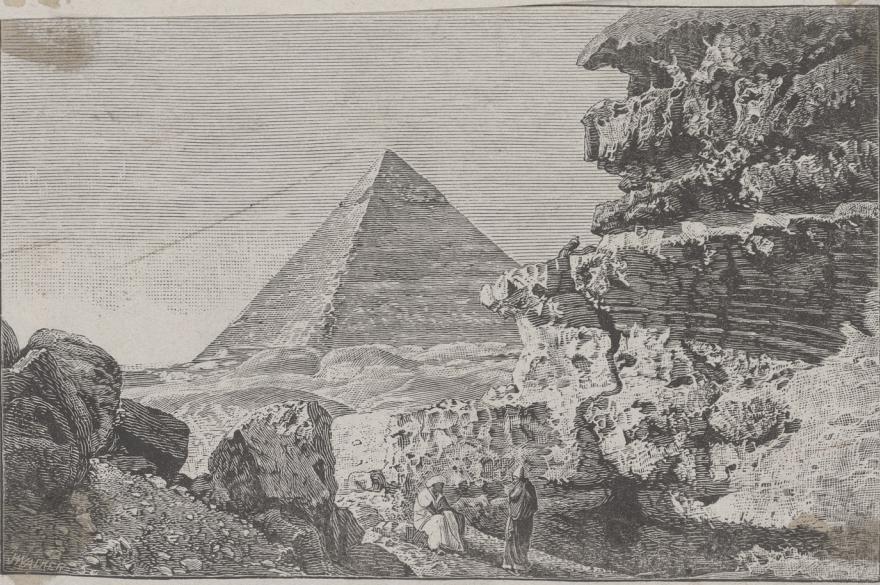
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Frontispiece to face Title

Arrange
Figures 1 to 10
 as placed in
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but in all the
Cult Table
 the inscriptions

from this Pyramid of Kaphra (Cephren), and ancient
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 walls & stones
Roman not italic



Eroded Cliff of Pyramid plateau
at Gizeh. (Anna Photograph)

To face Chapter II.

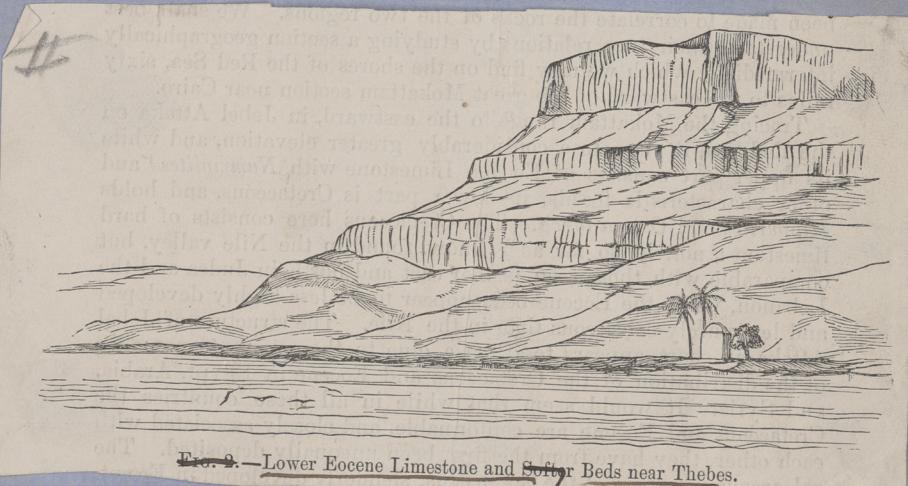
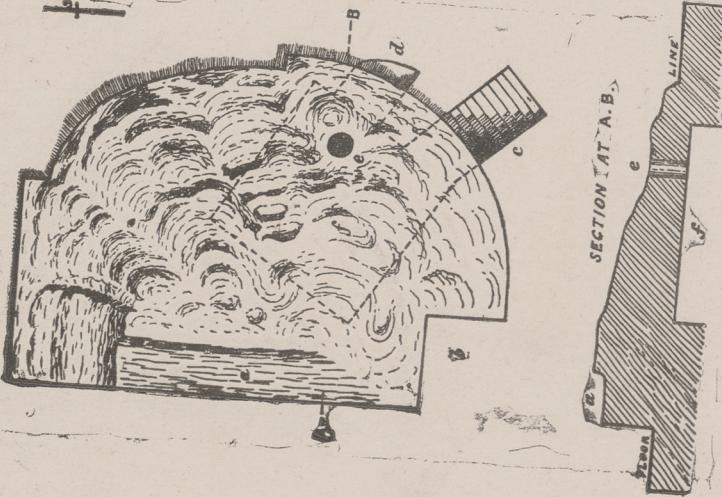


Fig. 9.—Lower Eocene Limestone and Softer Beds near Thebes.

Clarke

To face ch. III



119
3

To face Chapter III
Map of Beodes from Seine River
of June 1884—
Doubled as two-page map.

2

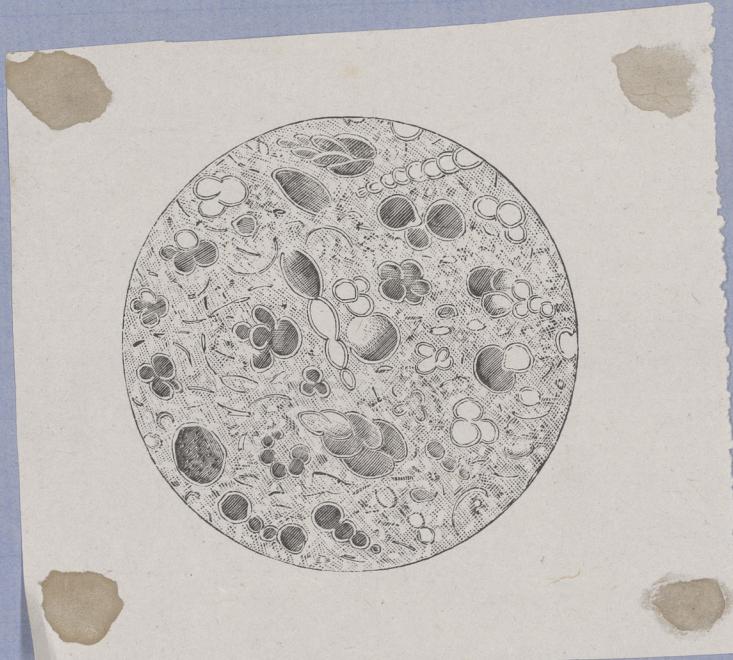
To face ch



Section of Black bituminous Limestone of
Nebi Mousa, ^{described,} showing Globigerinae, Lenticularia &
with their cavities filled with bitumen, which
also saturates the intervening matrix com-
posed of broken tests of Foraminifera and
Coccoliths.

(3)

To Face Chap V,



Section of Black bituminous Limestone at
Nebi Mousa, cleoquified, — showing Globigerinae, Lenticularia
with their cavities filled with bitumen, which
also saturates the intervening matrix com-
posed of broken tests of Foraminifera and
Coccoliths.

To face Chap. VI.



Ascent of the Paps of Mahr el Kelb
from the North, with one of the Tablets.
 (sketch by E. Dr.)

119
(5)
To face Chapter VII.



Seti I, King of Egypt, Offering a statue
of Ma the goddess of truth & Osiris,
from the wall of a Temple at Abydos,
(From a Photograph)

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Chapter ~~II~~

(6)

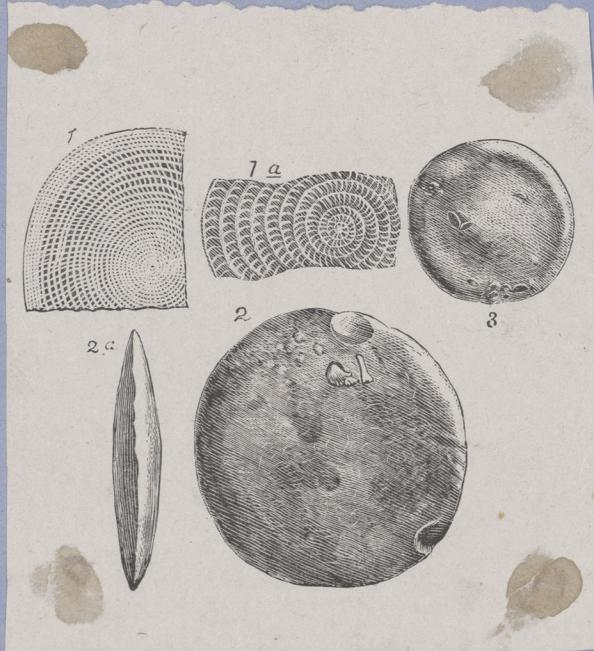
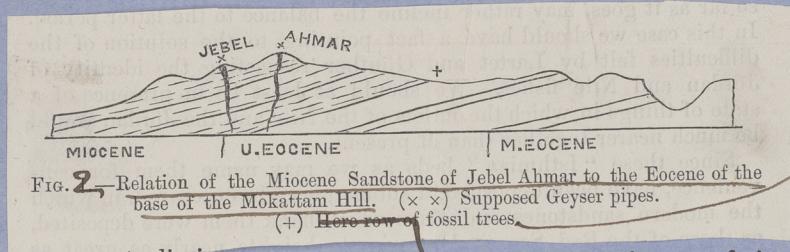
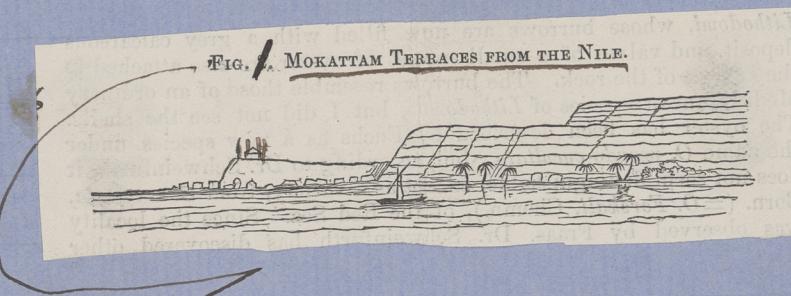


Fig 3

Nummulites Gizehenis (var. Lyelli), Sizch
 (1) Section showing chambers. (1a) Portion magnified.
 (2 & 2a) Large specimen. (3) Small specimen.

1197
Chapt II (cm)

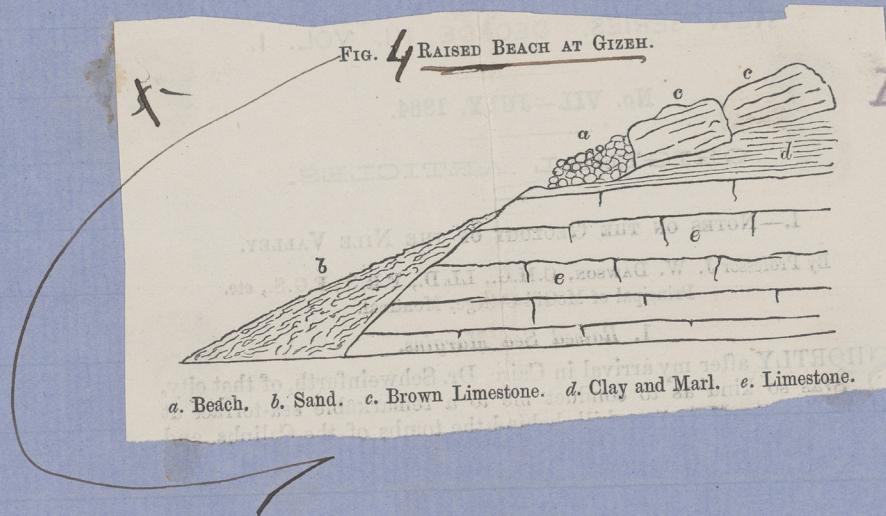


Fig 5. Head of Raphra (Sphinx), from a statue in the Bourak Museum,

19
8
Chap II (con)



Fig 6
Hyksos Head, sketched from
a Sphinx, from Tanis (Zau),
in the Boursek Museum, (E. D.)

112
9

Chapter II.

Fig. 7. TERRACES IN EOCENE LIMESTONE ABOVE ASSIOUT, ON ARABIAN SIDE OF THE NILE.

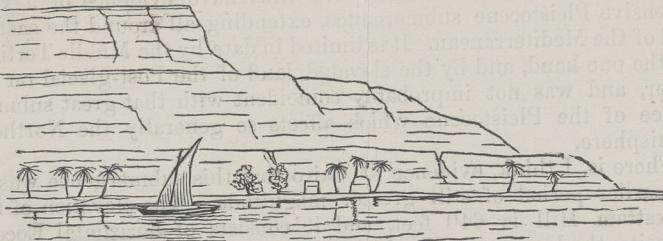


Fig. 8. Cretaceous Sandstone and Marl above Silsilis.

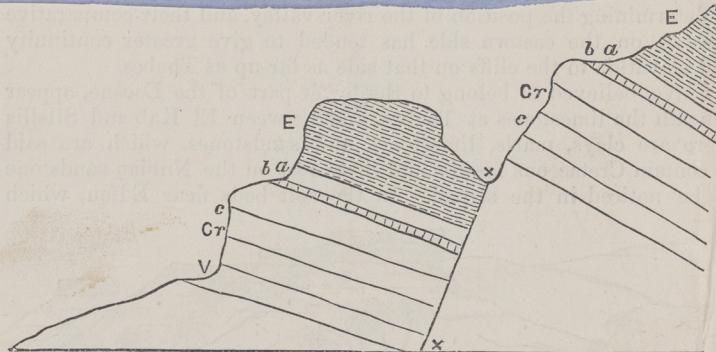


Fig. 9. Section at Jebel Attaka, partly after Le Vaillant. (E) Eocene; (Cr) Cretaceous, including (a) White Chalky Limestone; (b) Red and Greenish Marl; (c) Hard Limestone and Dolomite with *Hippowites*, *Ostreae*, etc.; (v) Position of Quarry; (x x) Supposed Line of Fault.

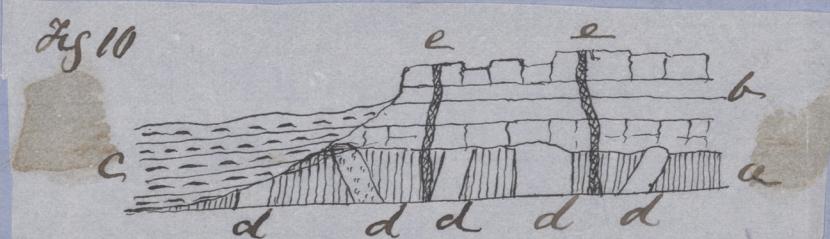


Fig. 10. Crystalline Rocks and Nubian Sandstone at First Cataract.
(a) Diorite. (b) Second Crystalline Series. (c) Nubian Sandstone.
(d) Dykes of Granite & Diorite. (e) Dykes of Felsite and Basalt.

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10

Chapter III.

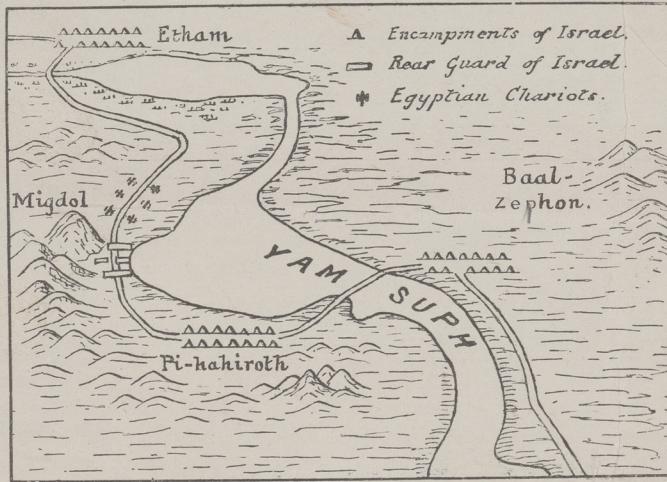


Fig 11. Bird's Eye View illustrating the Crossing of the Red Sea.



Fig 12. - View of Migdol and the Sea from the North, with the range of Lebel ^{on the} cottakes in the distance; from a point ^{on} the probable route of the Israelites after leaving Etham.

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Chap ~~the~~ em



Fig 13. Head of Menkheperkhab, the
Pharaoh of the Exodus - Boulak
Museum.

(12)

Chapter III.

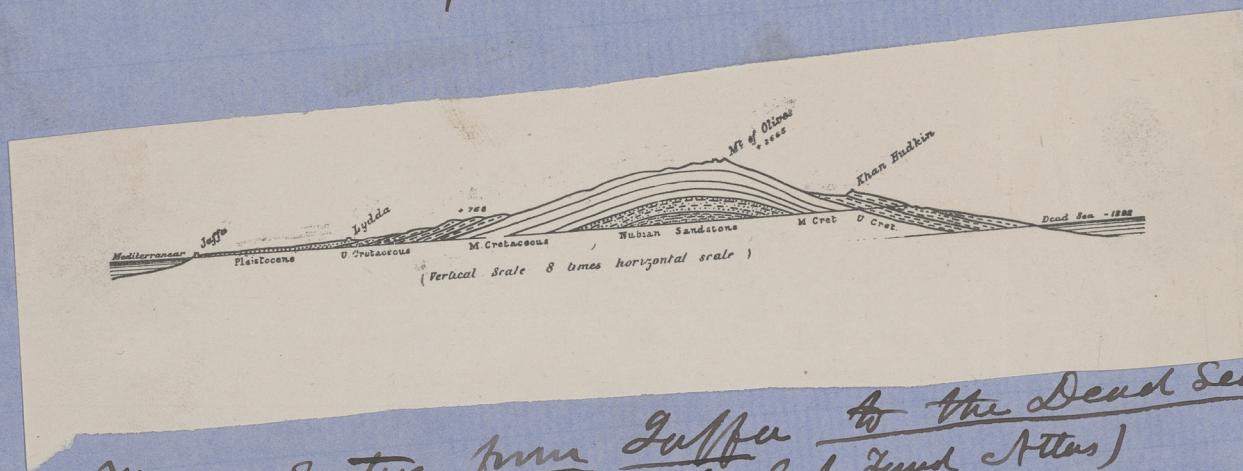


Fig 14. Section from Jaffa to the Dead Sea,
(The topography from Pal. Exp. and Atlas)

19
8 m. from the foot of a sepulchre,

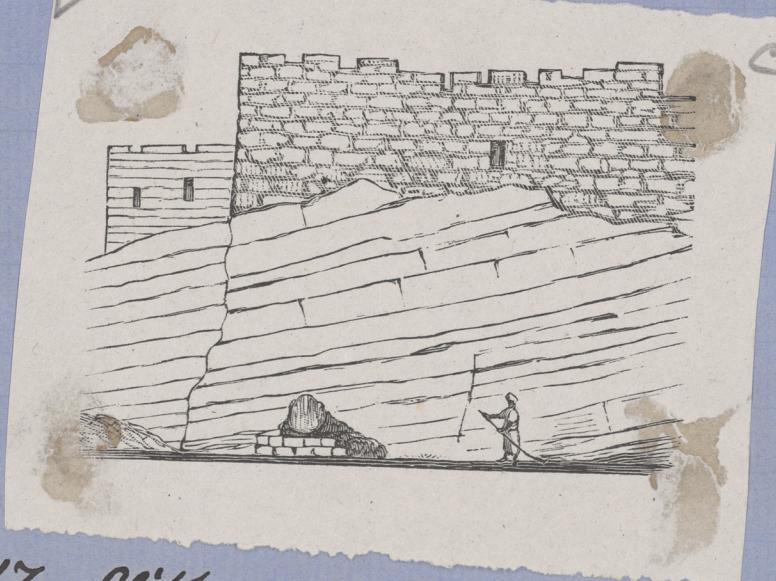


Fig 17. Cliff and city wall at the
entrance to the Royal Quarries,
Showing the dip of the limestone.

at a...
in developing the two g... (17a)

Chap IV con

(14)

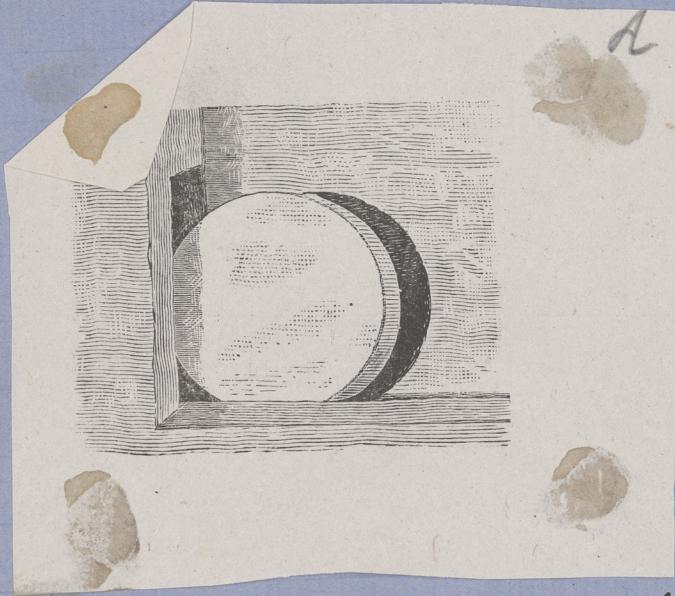


Fig 19. Top of a Sepulchre,

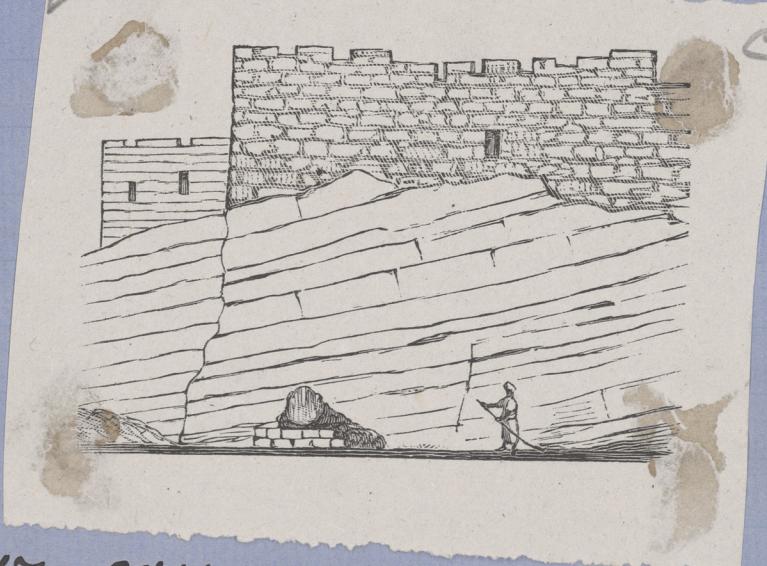


Fig 17. Cliff and coty wall, at the entrance to the Royal Quarries,
Showing the dip of the limestone.

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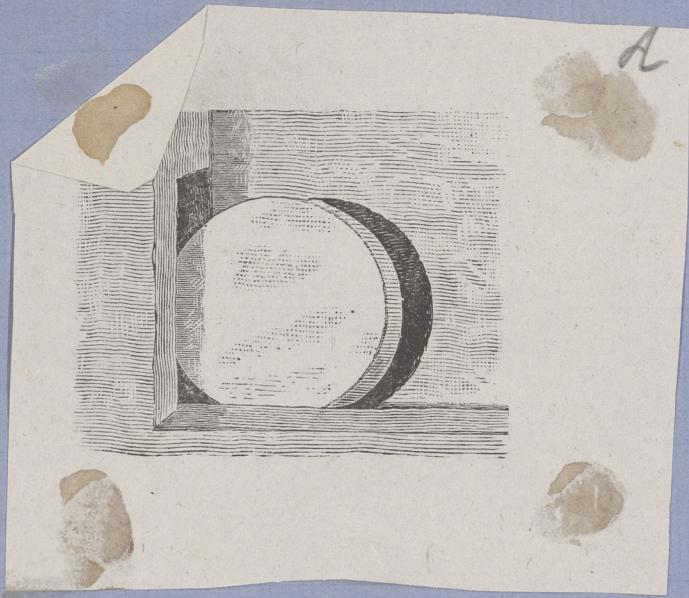
Fig 18. Door of a sepulchre,
with rolling stone, as seen
at the so called "Tomb of
the Kings".



The Skull-Hill and Grotto of Jeremiah.
The two eye-like openings.

Fig 19. Front of the "Skull Hill",
near Jeremiah's Grotto. This is
a very hasty sketch representing the appearance
at a time when the light was favorable
for developing the two eyes. See other sketch
(19a)

Chap IV con (14)



19

Fig 18. Door of a Sepulchre,
with rolling stone, as seen
at the so called "Tombs of
the Kings".



15

Fig 19. Front of the "Skull Hill",
near Jeremiah's Grotto. This is
a very hasty sketch representing the appearance
at a time when the light was favorable
in developing the two eyes. See other sketch
(19a).

Chapter V.

15

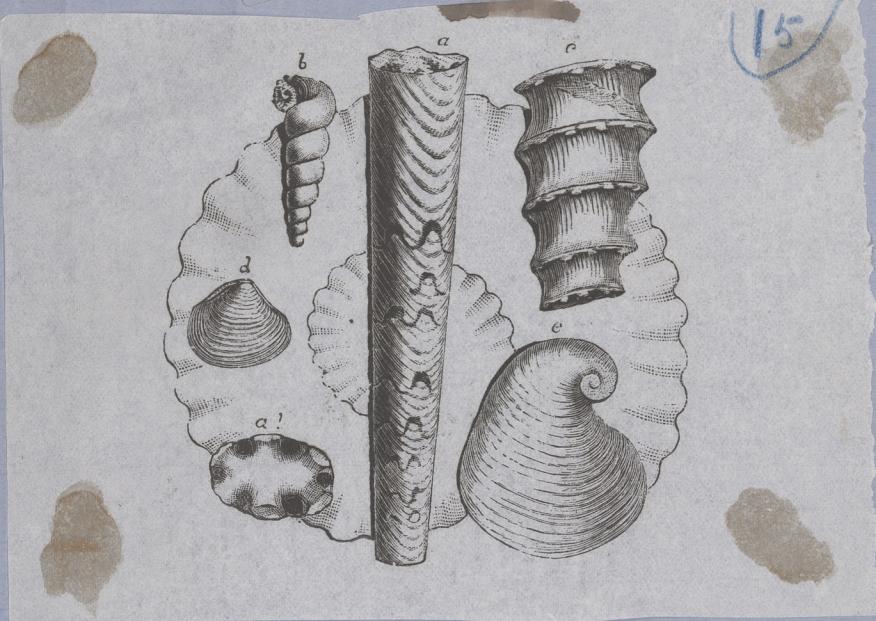


Fig 20. Cretaceous Fossils of Judea
(a) Baculites uncaps, Lmk. (a') Crop section
showing Septum. (b) Turritella doluzram, Fras.,
(c) Nerinea Mamillae, Fras., (d) Crabatella
Rothii, Fr. (e) Ostrea Mermeti, Cog. Background,
outline of Ammonites Mantellie, Sow.

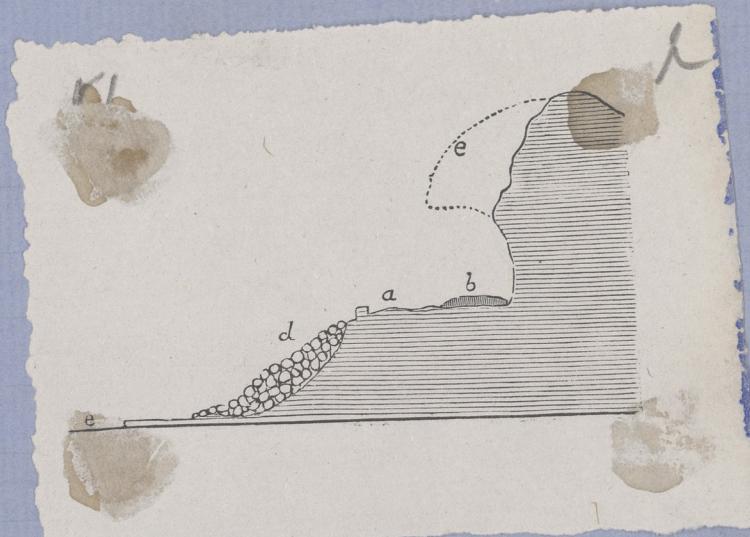
17



23 and the Plain of Coele-Syria,
By 27. ~~Kermon~~ from the road
out Mt Lebanon, ~~in early spring~~,
(March 1884)

Chap VI. (cm)

(19)



This cut is I
think misplaced
in the parcel
you

Fig 26. Secton of ruined caving at the
Rap of Nahr el Kelb.

(a) Bed of road. (b) Breccia of flock of
cave, (c) Probable ancient roof of cave,
(d) Delta thrown down in cutting the road.
(e) Level of sea.



Fig 27. Arrow spear, Nahr el Kelb,
(a) section.

Chap VI (continued) (20)



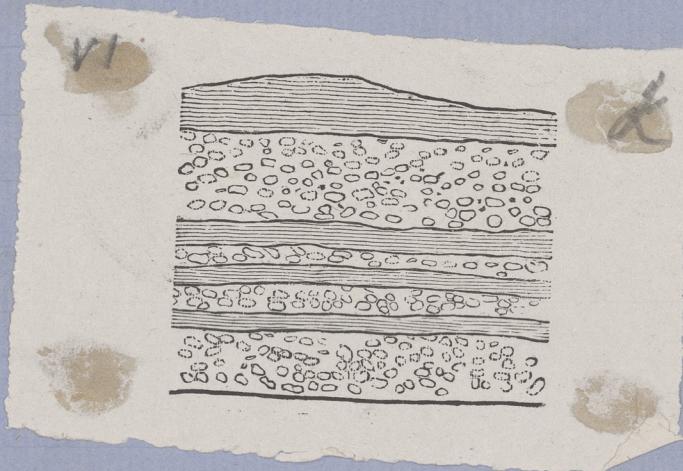
Fig 28. Fragment of knife and handle
Scraped, et-Tahr el Kelb,



Fig 29. Entrance of Caves, Abu Ghos.

chap III.

18



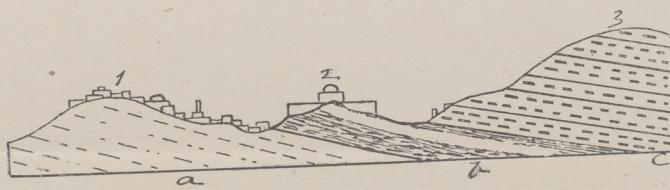
Fy 24. ancient gravel of Lebel Aspart
near Meher, with bands of
hardened loam & sand.



make this
more faint
& darker

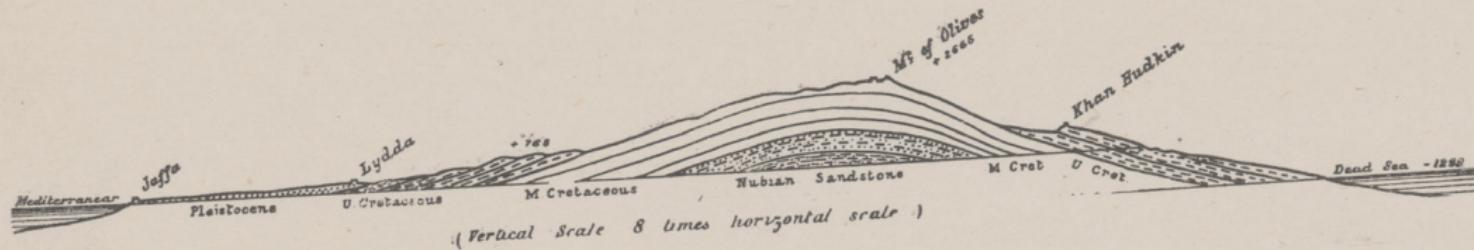
Fy 24.5 Atelier with Flint Chips
at Lebel Aspart.

1
Guts and
Middle West
Chumley
Furnace



6





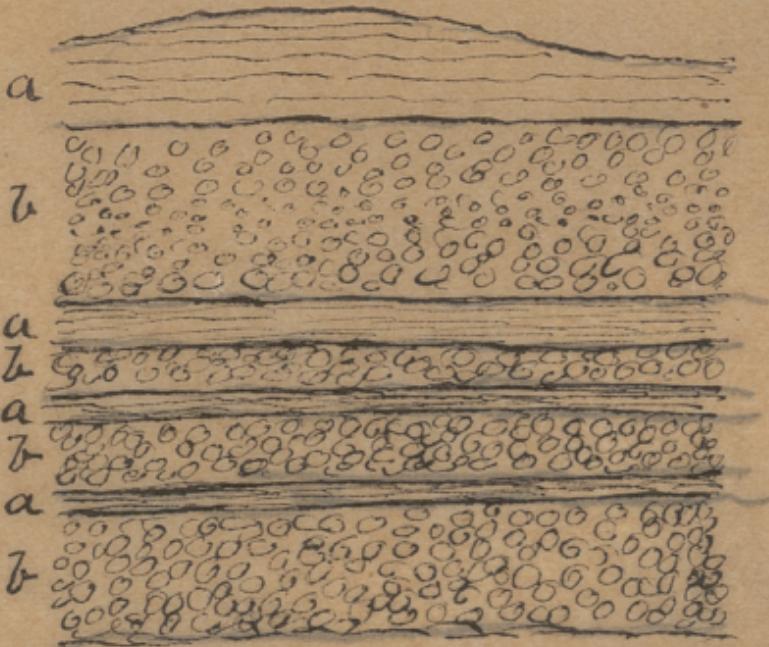




339 La Pyramide de Chefrén



Blotted



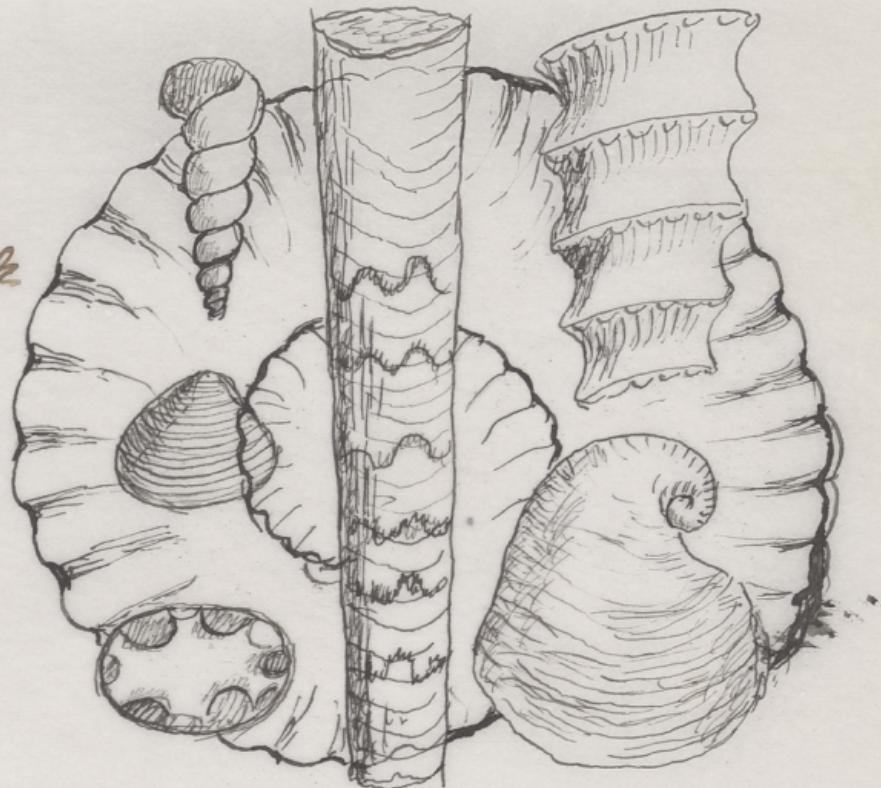
Section of indurated gravel and
sand at Jebel Assart.—Thebes.
(a) Indurated sand.



Fig 21.
Cretaceous fossils
of Laredo.

They cut to
be sent by
mail

W.M.



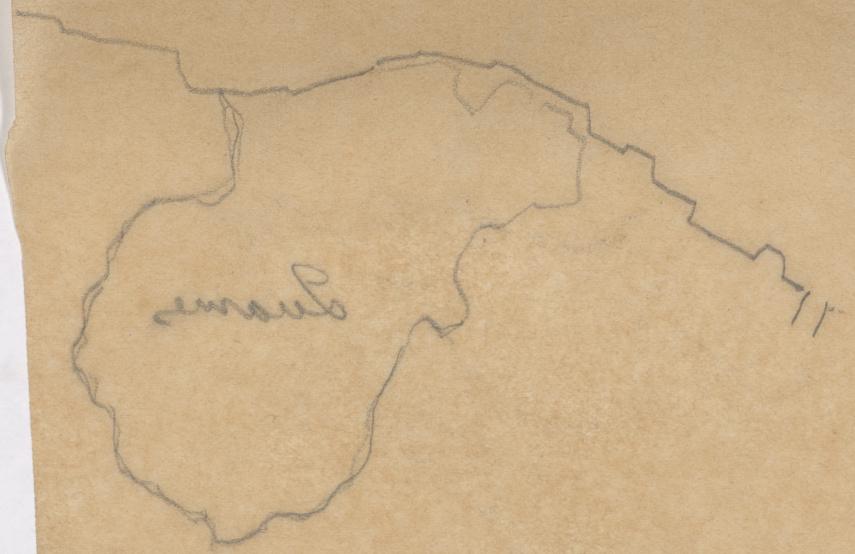


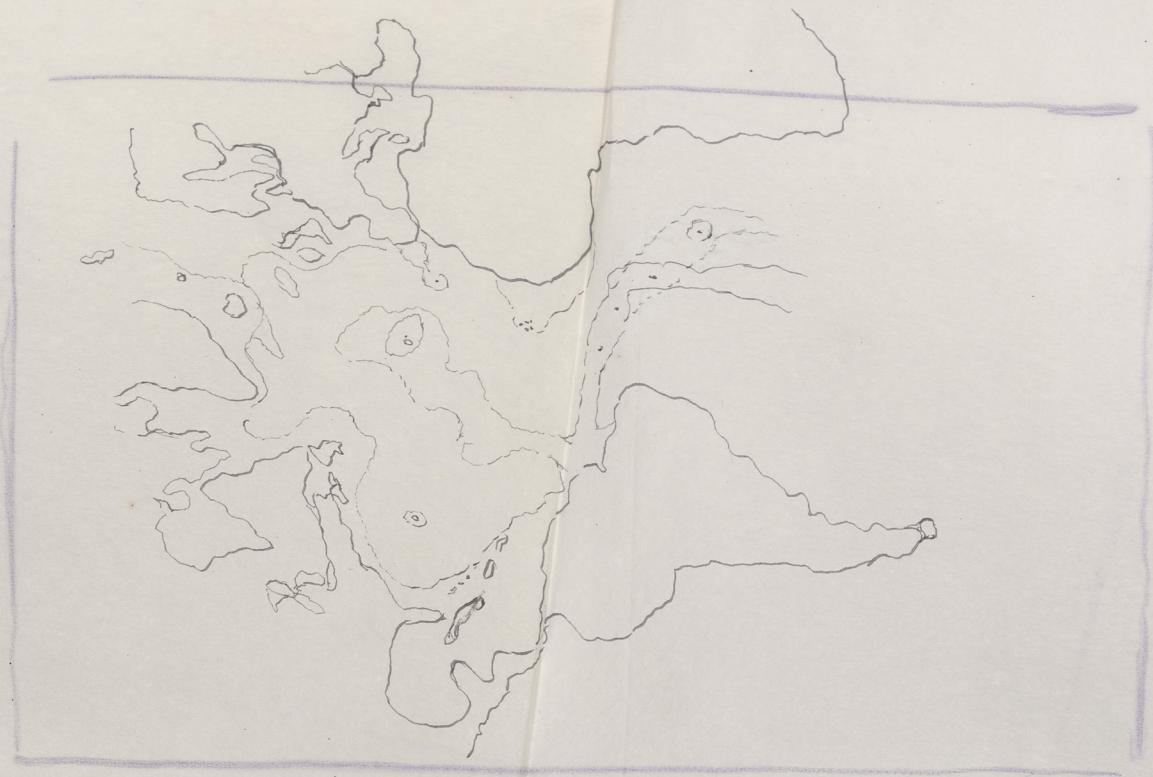




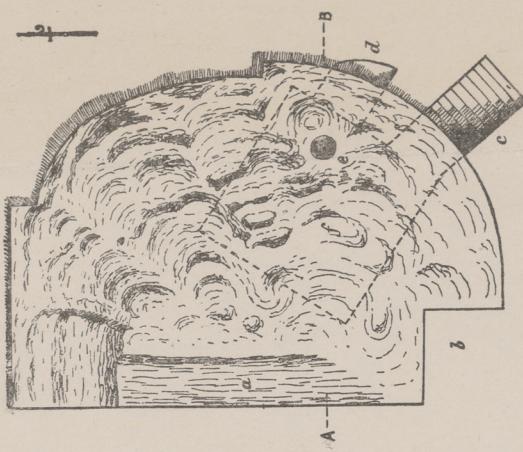
C. W. R.

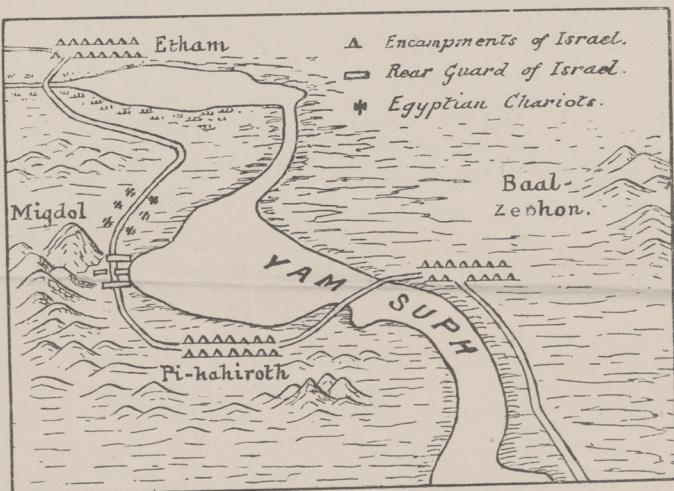










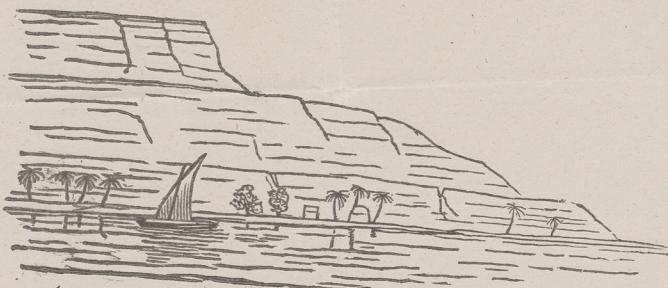


Chapt VI

ahw seti



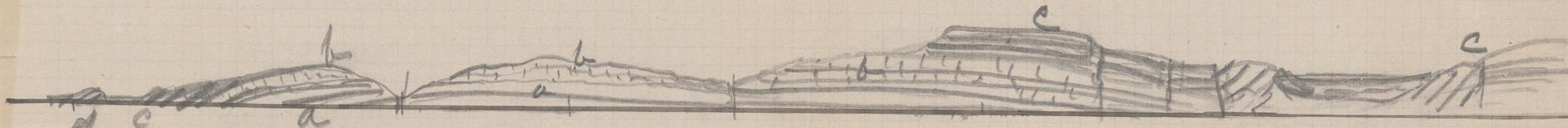
m LIV Chap II Fig. 33



Terraces in Eocene Lime, one above
Geol Mag ¹⁸⁸⁷ or ¹⁸⁸⁸ side of the Nile.

~~1887~~ 1888

Fig 3



R - Dunes & Plantations

- (d) Lowerian & Danian Limestone of Beirut see first beds of Sakel Akra ^{Bekaa limestone}
- (c) Lowerian & Eocene Hippurite Limestone - Summa limestone of Lebanon
- (b) Lowerian ~~middle~~ Dignia Sandstone Cardium beds & further up ~~lime~~
- (a) Lowerian Neocomian see Mraja limestone of Druze,

Hog
Shab n gnt
Anthe & Rue.



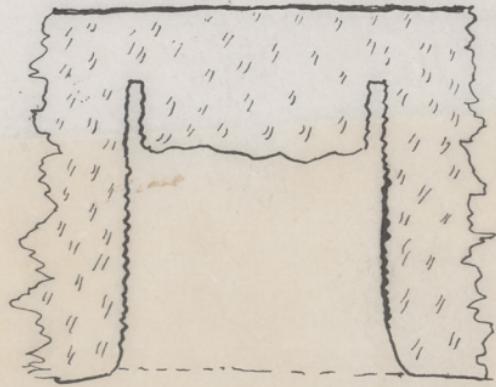
Bucua

Rhumus

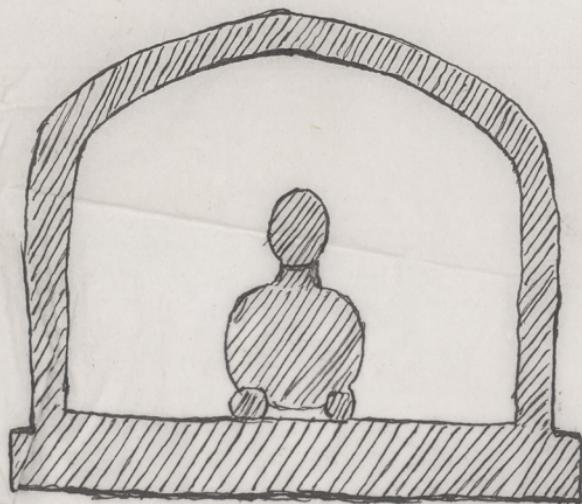
Cerv

Ths

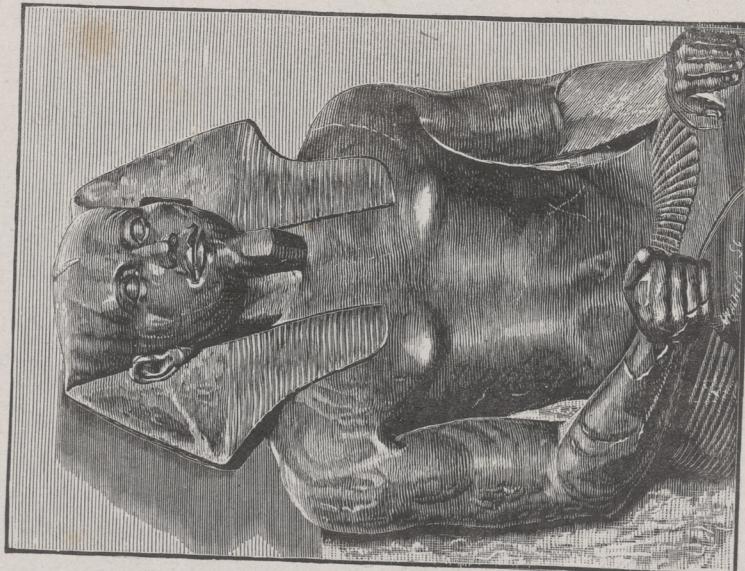
9 qm.





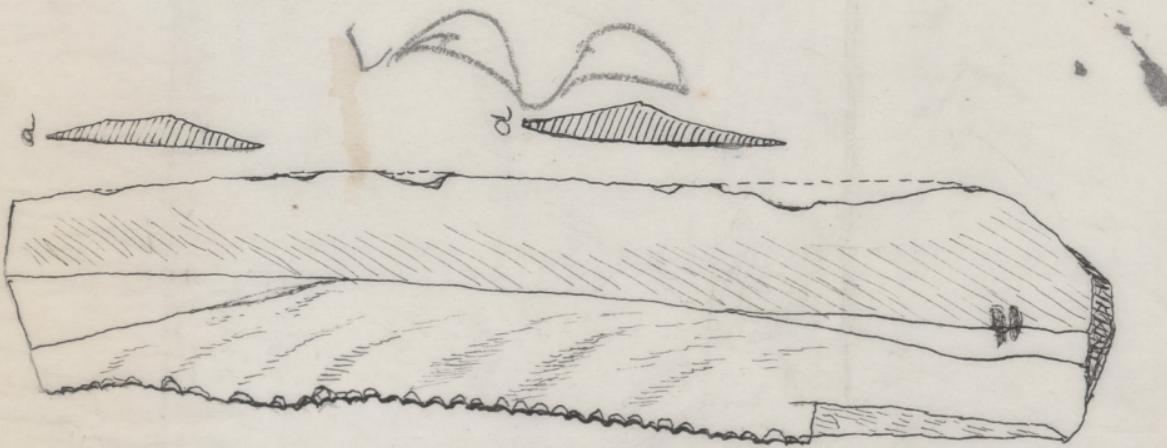


Redeem this





Reduce to this length

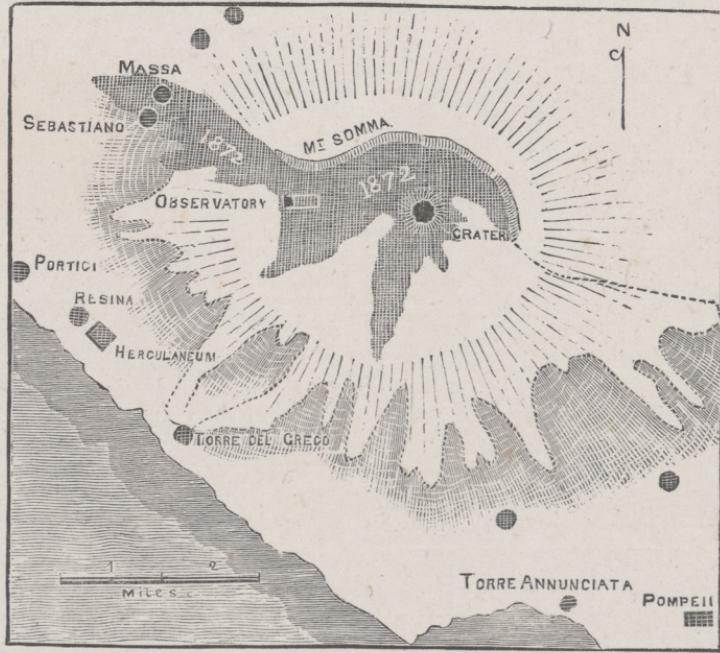


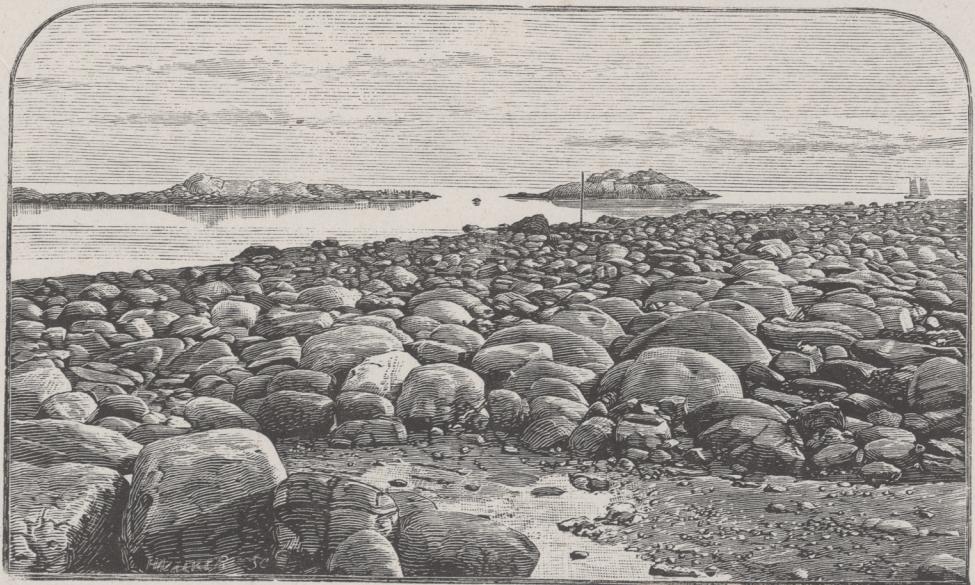


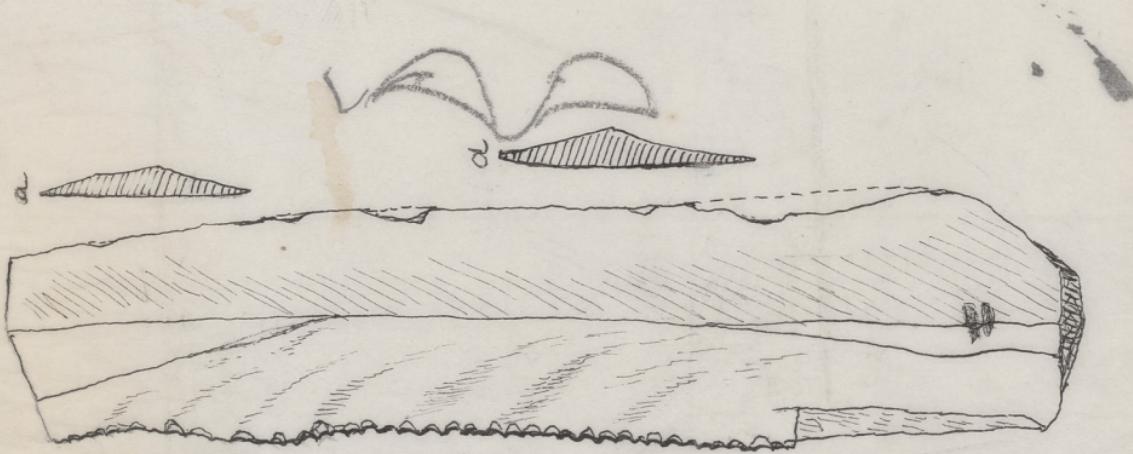




The Pointer can bring out the sky
to smoke either dark or light as you may
direct. Now









Melissa
817

Bonk's book



Pyramid of Kephren.



Pyramid of Kaphra (Cephren) and ancient Eroded Cliff of Pyr: mid I lateau at Gizeh.
(From a Photograph.)

To face Chap. II



Lower Eocene Limestone & softer Beds near Shebel.

Geol Mag 1884

p-389

Fig 2.

To face Ch. VI



Pass of Nebr el Kelb

Totyac ch. VII



Seli I

Fig. 1

w betw Chap. IV

~~I 5~~



Head of
Raphra.
(Cephren)

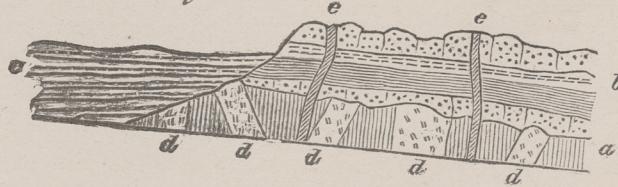
Fig. 2
in last Chap. IV



Stradofa Hyksos King

Chap. II Fig. # 4

Crystalline Rocks at Troonan
Relation of crystalline Rocks and
Nubian Sandstone at the first
Cataract. (a) older crystalline series,
(Laurentian) (b) second Crystalline series
(Troonian) (c) Nubian Sandstone
(d) dykes of Granite & Diorite
(e) dykes of Felsite & Basalt.



Geol Mag.

1884

439

Fig. 5.8.

in cut
Chap. II



Cretaceous Sandstone & Marl above Silsili.

Geol Mag

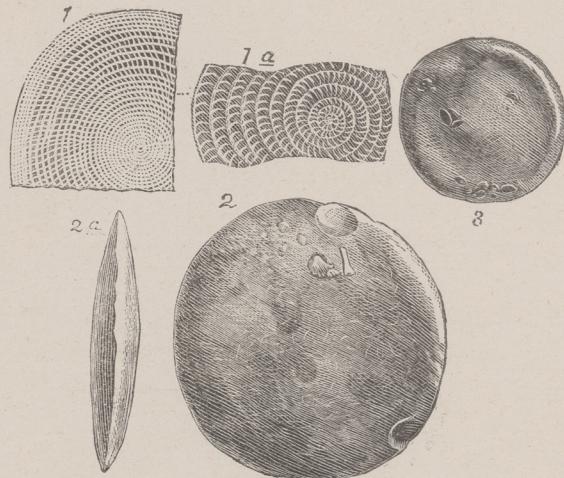
1884

p 389

Fig 3

Fig. 3

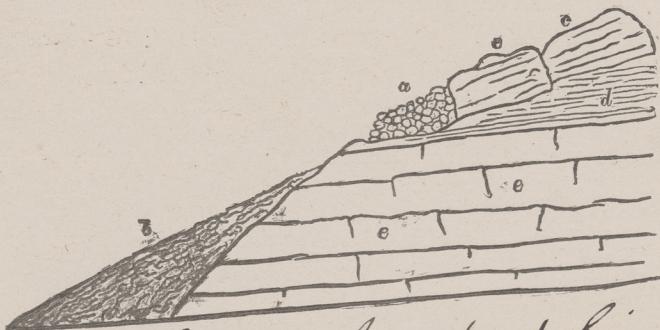
in left Chapt. II



Nummulites
Sizilensis

Fig. 86

in Cut Chap. II



Raised Beach at Sizle

- a. Beach ~~Seol Mag.~~
b. Sand ~~Seol Mag.~~
c. Brown Limestone 1884
d. Clay and Marl
e. Limestone ~~p 290.~~

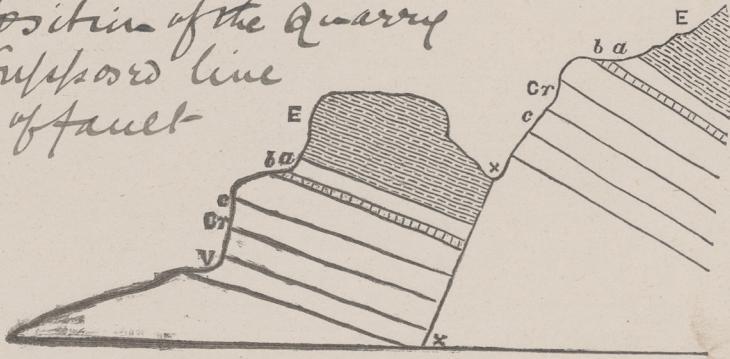
Fig. 87

Fig 39

Section at Tébel Ataka, part after
Le Vaillant (E) Eocene (Cr) Cretaceous
including (a) White chalky Limestone
(b) Red brownish Marl (c) Hard Limestone
& Dolomitic with Hippurites, Ostracae, etc

(V) Position of the Quarry

(XX) Dip-slope line
of fault



Geol Mag

1884

Fig 4

390

Fig. g. 10
in Let V Chap. II



Mokattam Terrace from the Nile

Seol May

1884

p 290

Fig 2

Fig. 113



ment
Ch. III

Meneptah.

Fig. 12



Migdol.

Fig. 1B

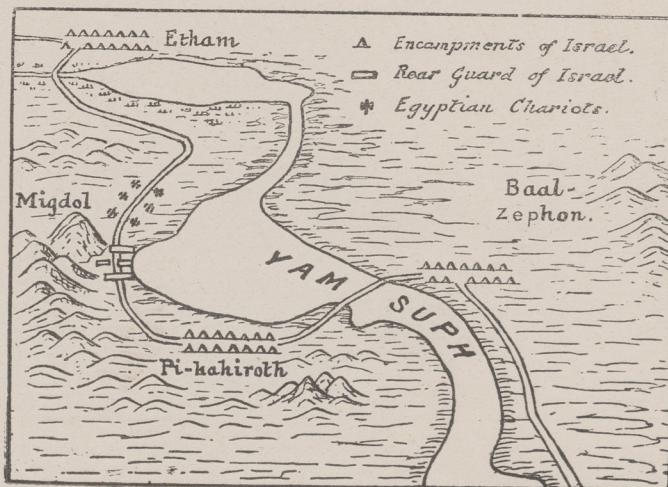
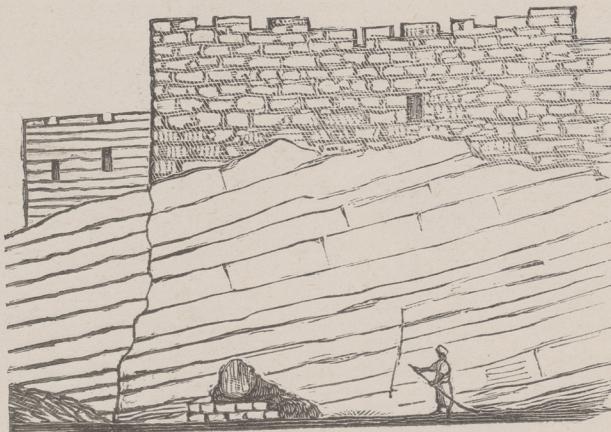
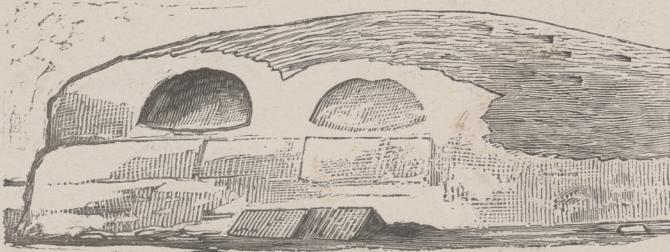


Fig. 17



cliff & city wall.

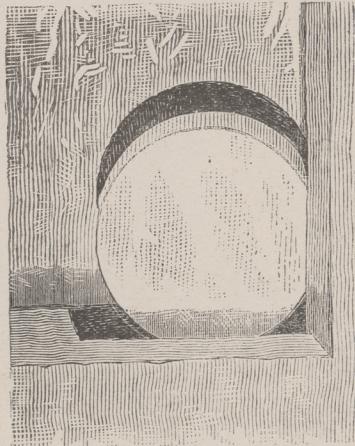
Fig. 18



Front of the
Skull Hill.

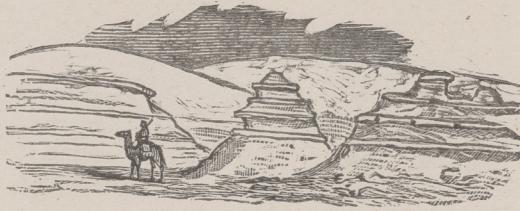
~~18~~

Fig. 19
20



The door of a sepulchre

22
23



Ancient Dead sea deposits.

Fig. 23

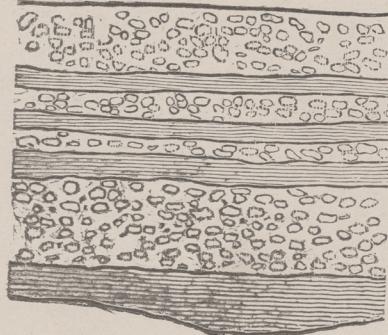
24



Harran & the Plain of
Corte-Syria

24

25



Section of gravel.
^{ancient}
at Sheba

Section of Caves at
Lake Mille

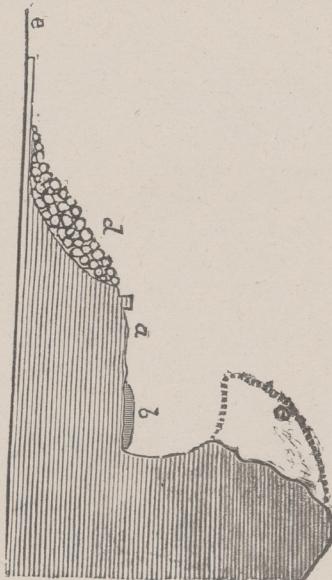


Fig. 26
27

25

26



Atelier und Felsklippe
at Thebes

Fig. 29
30



The Cave of Mr Elias.



La Pyramide de Chefré.



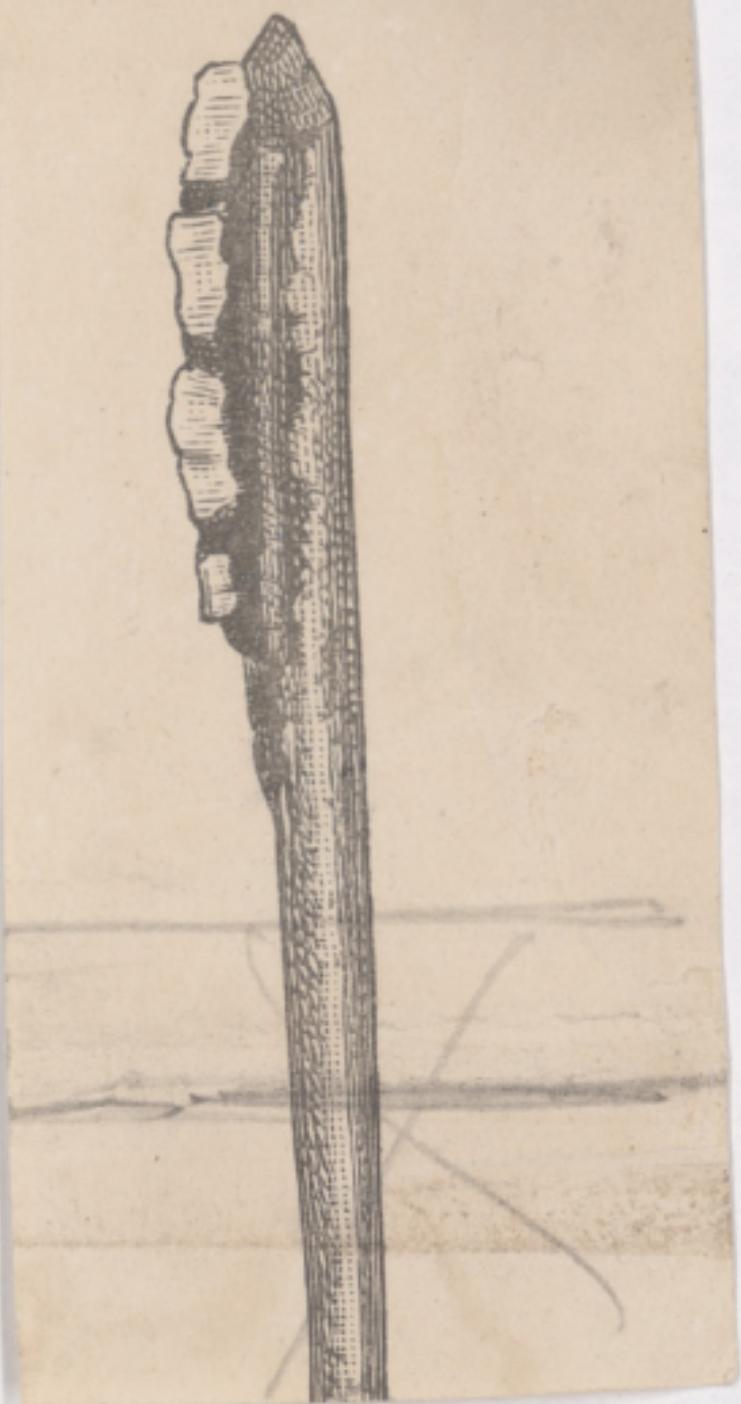
FIG. 6.

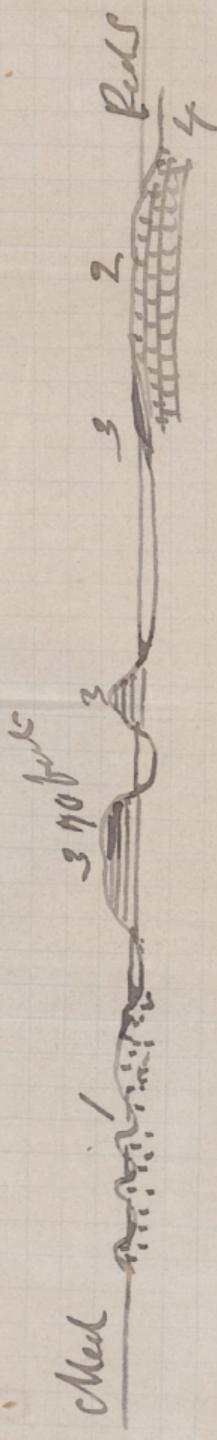


1 Stone Knife, Sta Barbara
California

2 Tannaman Knife of flour
chips
After Palmer

FIG. 4.





1 chert shells & sand 2 siliceous shells
old style Stevens

4 cleavage cleavage beds

Dante 221



Wady Tumrat

From the Printing-office of
WYMAN & SONS,
74, 76 Gt. Queen Street,
W.C.
2 PROOF, 775 /84.

275

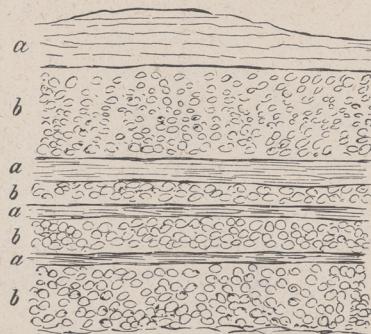


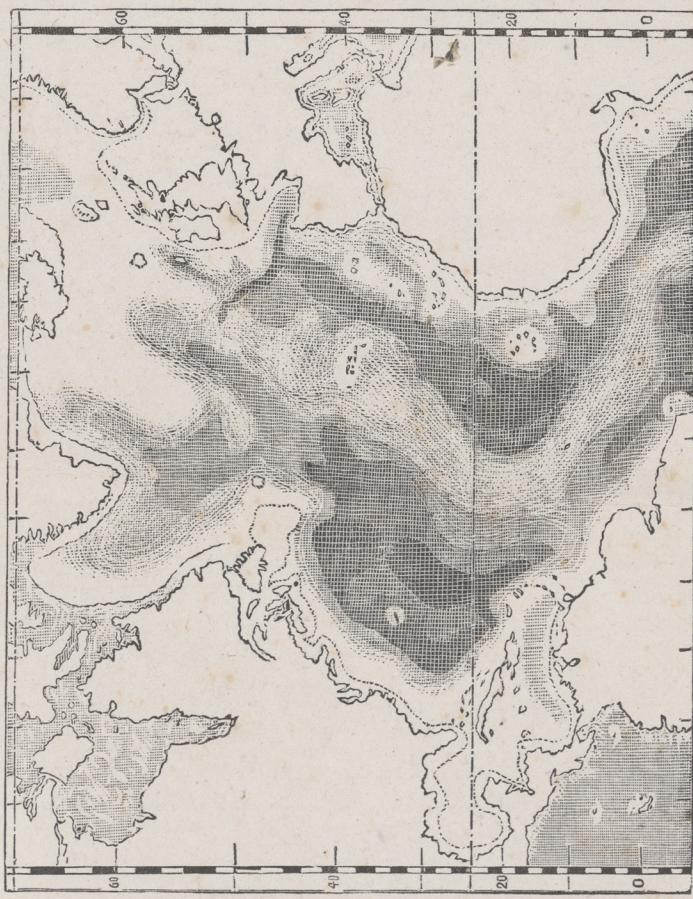
Fig. 1. SECTION OF INDURATED GRAVEL AND SAND AT
JEBEL ASSART—THEBES.

(a) Indurated Sand. (b) Gravel.



Fig. 2. ENTRANCE OF CAVERN AT ANT ELIAS.

appeared ~~flattened~~
the beds on the land side are
lifted up & as they go to the
surface the clastic facies []
(See Dagua) This great belt
extends all the way to
the Gulf of Akaba up
Wadi Shabah and the
dead sea and at the
Jordan valley to Cöle syria
Whether this is a great
anticline may be argued of
but still the bedrock bands are
also plotted seems like certain
anecdotes







Mediterranean

atl Ocean

Lante P 115-

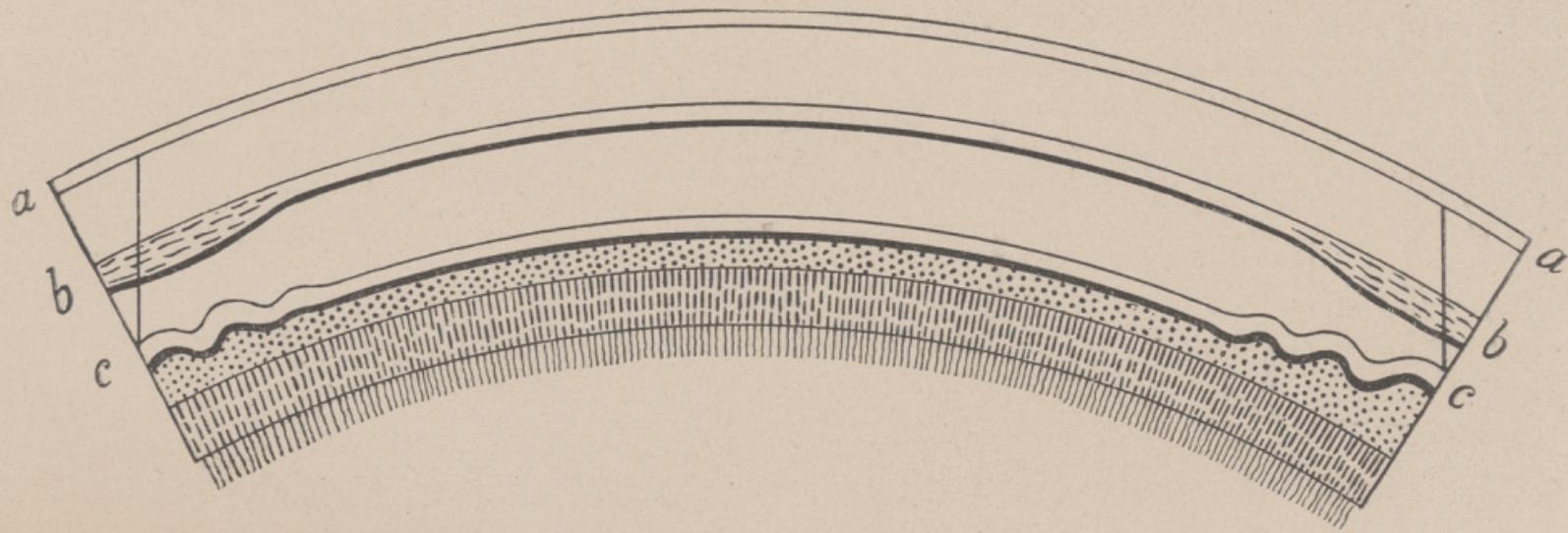
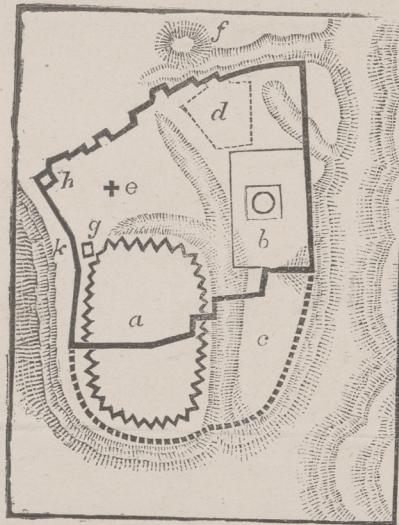


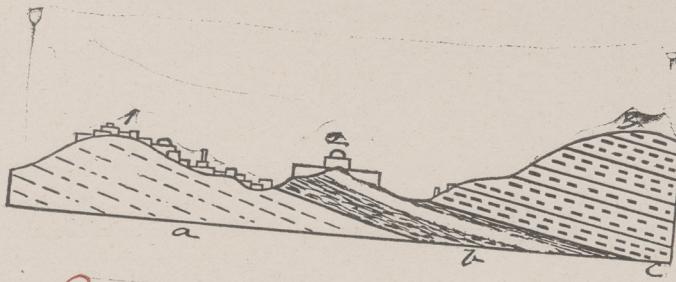


Fig 15—



Plan of *Jerns aleu*
(Lean alone when for
4 hours at most)

Fig 16

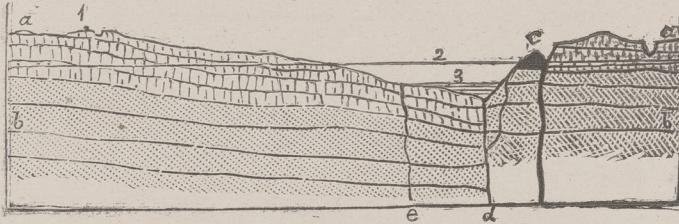


Section of the site of
Jerusalem

a - - b - c -

21

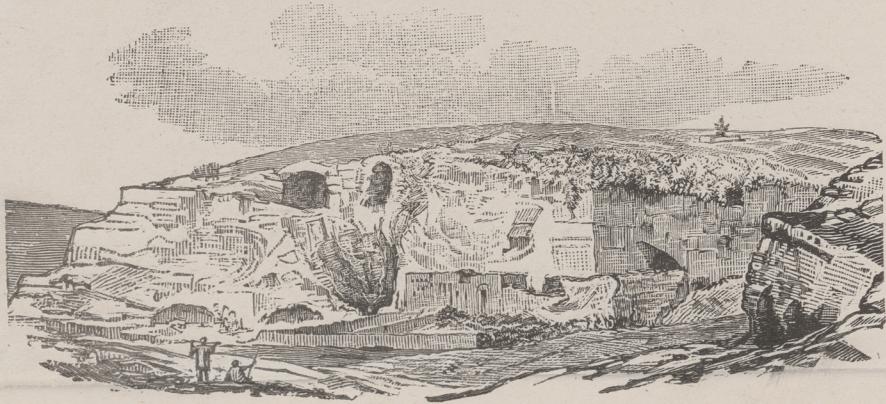
22



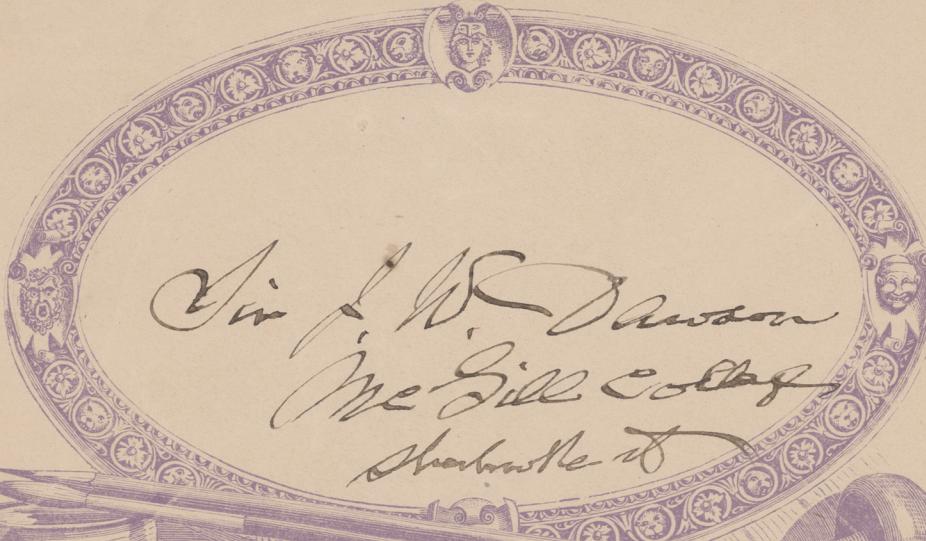
Sediment
from
Jordan ~~to~~
the hill
of Moab
Dead Sea.

Fig. 18a

19



The Skull Hill



Sir J. W. Dawson
McGill College
Montreal



J. H. WALKER.

(ESTABLISHED 1850.)

WOOD ENGRAVER AND DESIGNER,
126 ST. JAMES STREET,
(Opposite the Post Office.)
MONTREAL