THE

GEOLOGICAL MAGAZINE.

NEW SERIES.

DECADE II. VOL. II.

JANUARY-DECEMBER, 1875.

https://doi.org/10.1017/S0016756800159953 Published online by Cambridge University Press

GEOLOGICAL MAGAZINE:

or,

Monthly Journal of Geology:

WITH WHICH IS INCORPORATED

"THE GEOLOGIST."

NOS. CXXVII. TO CXXXVIII.

EDITED BY

HENRY WOODWARD, F.R.S., F.G.S., F.Z.S.,

VICE-PRESIDENT OF THE GEOLOGISTS ASSOCIATION; MEMBER OF THE AMERICAN PHILOSOPHICAL SOCIETY, PHILABLPHIA; HONORARY NEMBER OF THE GEOLOGICAL SOCIETIES OF RDINFUGH, GLASGOW, AND NORWICH; CORRESPONDING MEMBER OF THE GEOLOGICAL SOCIETY OF BELGIUM; OF THE NATURAL HISTORY SOCIETY OF MONTREAL; AND OF THE LYCEUM OF NATURAL HISTORY, NEW YORK.

ASSISTED BY

PROFESSOR JOHN MORRIS, F.G.S., &c., &c.,

AND

ROBERT ETHERIDGE, F.R.S., L. & E., F.G.S., &c.

NEW SERIES. DECADE II. VOL. II. JANUARY-DECEMBER, 1875.

LÕNDON:

TRÜBNER & Co., 57 AND 59, LUDGATE HILL. F. SAVY, 77, BOULEVART ST.-GERMAIN, PARIS.

1875.

HERTFORD :

PRINTÉD BY STEPHEN AUSTIN AND SONS.

LIST OF PLATES.

I. Species of Cystiphyllum	30								
The product of a characteristic and and and and and and and and and									
II. Devonian Polyzoa	33								
III. Gault <i>Aporrhaïdæ</i>	49								
IV. Meteoric Iron found 1870 at Ovifak	52								
V. Fossil Aporrhaïdæ	24								
VI. Fossil Aporrhaidæ	98								
VII. Sketch of Vulcano to Illustrate Mr. Judd's Paper	99								
VII.* Fossil Aporrhaïdæ	91								
VIII. View of Stromboli	45								
VIII.* New Carboniferous Fossils	41								
IX. Section of Meteoric Iron from Toluca, Mexico (Autotype)	11								
X. Tasmanites and Better-Bed Coal	37								
XI. The Meteorite which fell at Busti, Dec. 2,1852 (Chromolithograph)	01								
XII. Cretaceous Aporrhaïdæ	92								
XIII. Fossil Foraminifera from Sumatra	32								
XIV. Fossil Foraminifera from Sumatra	33								
XV. Incised Outline of a Reindeer from the Kesslerloch Cave, Thaingen,									
Schaffhausen	10								

• To the Binder.—By an oversight two plates are numbered each Plate VII. and two are numbered each Plate VIII. (see above). The Binder is particularly requested to observe the titles of these plates, so as to avoid their being transposed or otherwise misplaced.

LIST OF WOODCUTS.

6
'
)
Ļ
5
;
3
3
ſ
)
}
)
)
5
3
)
3
3
ŀ
)
)
L
)
2
3
)
l
2
ŀ
5
3
7

List of Woodcuts.

Diagram showing Width of the Missi	issipp	i at v	ario	us po	ints					раде 448
Course of the River Amazon					•••••	•••••	•••••	•••••	•••••	448
Actual Junction of Tributaries of the	Miss	sissip	pi at	acut	e ang	gles	•••••			449
Same River joined at right angles	•••••		•••••		•••••		•••••	•••••		449
Alternate Headlands and Coombes				•••••	•••••	•••••	•••••	•••••	•••••	450
Diagram of the effect on Velocity in a	relati	ion to	diff	erent	qua	ntitie	s	•••••		450
Diagram of the River Danube		•••••	•••••	•••••	•••••	•••••	•••••			451
Angular Junction of Side Stream with	h Ma	in Ri	iver	•••••	•••••	•••••			••••	451
Mount Tabor, from a photograph			••••	•••••	•••••	•••••	•••••	•••••		452
Diagram of Outline of Mountain	•••••		•····	•••••	•••••	•••••				452
Fish Back Hill					•••••	•••••				453
Section of Fish Back Hill		••		•···•		•••••	•••••			453
Section of a Hill of Glacial Drift					•••••	•••••	•••••		•••••	454
Section of Two Hills			•••••		•••••		•••••	•••••	•••••	454
Outline of Sand Hills near Leighton	Buz2	ard		•••••				•••••	•••••	454
Ecclesbourn Glen						•••••	•••••			455
Folkestone in the Pluvial Period	•••••		•••••		•••••		•••••	•••••		456
Ecclesbourn Glen in the Pluvial Perio	od			•••••		•••••		•••••	•••••	456
Section showing Surfaces removed by	Der	nudati	ion			*****	••••	•••••		457
Gorge through Chalk Hills being for	med			•••••		*****	•••••			457
Gorge through Chalk Hills formed				•••••						458
Diagram of Rutmoo River			•••••							459
Black Gang Chine, Isle of Wight						****				460
View of Dovedale, Derbyshire									•••••	461
Diagram of East and West Flexures			and	Wea	lden	Beds				462
Drawing of an ordinary Injector								•••••		468
Section of a River Perforating an Es	carp	ment	••••					••		473
Diagram showing the effect of Trans	-							v		473
Map of a portion of Central Sumatr										477
Diagrammatic Section of Sumatra fr										483
Diagrammatic Section of the Wester			•				0			483
Meteoric Iron Ring which fell at Tu										499
Section of Mendip Hills										567
r										