

Cambridge University Press

978-1-108-06247-3 - The World Before the Deluge

Louis Figuier Translated by Henry W. Bristow

Table of Contents

[More information](#)

CONTENTS.

	PAGE
A THESIS	1
GENERAL CONSIDERATIONS	9
CONSIDERATION OF FOSSILS.	11
INCANDESCENCE OF THE GLOBE	23
MODIFICATIONS OF THE EARTH'S SURFACE	24
PRIMITIVE EPOCH	30
THE PRIMITIVE ROCKS	47
ERUPTIVE ROCKS	50
PLUTONIC ERUPTIONS	52
Syenite	54
Protogine	55
Granite	56
Porphyry	57
Serpentine	59
VOLCANIC ERUPTIONS	61
Trachyte	61
Basaltic Formations	63
Lavie Formations	68
TRANSITION EPOCH	85
SILURIAN PERIOD	88
Lower Silurian	90
Upper Silurian	94
DEVONIAN PERIOD	104
Devonian Rocks	111
CARBONIFEROUS PERIOD	115
Carboniferous Limestone	123
Coal Measures	133
Formation of Coal	140
PERMIAN PERIOD	151
Permian Rocks	156
SECONDARY EPOCH	165
TRIASIC, OR NEW RED PERIOD	166
Conchylian Rocks	173
Saliferous Period	175
Saliferous Rocks	179
JURASSIC PERIOD	183
The Lias	183
The Oolite	212
Lower Oolite Fauna	213
Rocks	218
Middle Oolite	223
Upper Oolite	227

Cambridge University Press

978-1-108-06247-3 - The World Before the Deluge

Louis Figuier Translated by Henry W. Bristow

Table of Contents

[More information](#)

viii

CONTENTS.

	PAGE
CRETACEOUS PERIOD	237
Lower Cretaceous Period	249
Upper Cretaceous Period	263
TERTIARY EPOCH	273
Eocene Period	277
Miocene Period	296
Pliocene Period	315
QUATERNARY EPOCH	335
POST PLIOCENE	336
EUROPEAN DELUGES	373
GLACIAL PERIOD	387
CREATION OF MAN	415
ASIATIC DELUGE	429
EPILOGUE	436



FULL-PAGE ILLUSTRATIONS.

FRONTISPICE—FIRST APPEARANCE OF MAN.

PAGE	PAGE		
i. The Earth in a gaseous state	32	xvii. Ideal landscape of the Lower Oolite	221
ii. Condensation and rainfall	40	xviii. Ideal landscape of the Middle Oolite	223
iii. De Lancy Peak, Mont D'Orès	62	xix. Apiocrinites rotundis and liliiformis	225
iv. Basaltic mountain of La Coupe	64	xx. Ideal landscape of the Upper Oolite	230
v. Extinct volcanoes of Le Puy	68	xxi. Ideal scene of the Lower Cretaceous Period	257
vi. Air volcanoes of Turbaco	72	xxii. Ideal landscape of the Upper Cretaceous Period	270
vii. Great Geyser of Iceland	79	xxiii. Ideal landscape of the Eocene Period	290
viii. Ideal landscape of the Silurian Period	89	xxiv. Ideal landscape of the Miocene Period	311
ix. Ideal landscape of the Devonian Period	105	xxv. Ideal landscape of the Pliocene Seas	333
x. Ideal view of marine life in the Carboniferous Period	131	xxvi. Skeleton of the Mammoth in the St. Petersburg Museum	351
xi. Ideal view of a marshy forest of the Coal Period	138	xxvii. Skeleton of Megatherium	358
xii. Ideal landscape of the Permian Period	151	xxviii. Ideal view of the Quaternary Epoch—Europe	368
xiii. Ideal landscape of the Cenochylian Period	172	xxix. Ideal landscape of the Quaternary Epoch—America	369
xiv. Ideal landscape of the Saliferous Period	176	xxx. Deluge in the North of Europe	376
xv. Ideal scene of the Lias with Ichthyosaurus and Plesiosaurus	203	xxxi. Glaciers of Switzerland	398
xvi. Ideal landscape of the Liasic Period	210	xxxiii. Asiatic Deluge	432