

GEOLOGY AND MINERALOGY

CONSIDERED WITH REFERENCE TO
NATURAL THEOLOGY

BY

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THE BRIDGEWATER TREATISES
ON THE POWER WISDOM AND GOODNESS OF GOD
AS MANIFESTED IN THE CREATION

TREATISE VI
GEOLOGY AND MINERALOGY CONSIDERED WITH REFERENCE
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THOU LORD IN THE BEGINNING HAST LAID THE FOUNDATION OF THE EARTH.
PSALM CII. 25.

"Let us take a Survey of the principal Fabrick, viz. the Terraqueous Globe itself; a most stupendous work in every particular of it, which doth no less aggrandize its Maker than every curious complete work doth its Workman. Let us cast our eyes here and there, let us ransack all the Globe, let us with the greatest accuracy inspect every part thereof, search out the inmost secrets of any of the creatures, let us examine them with all our gauges, measure them with our nicest rules, pry into them with our microscopes and most exquisite instruments, still we find them to bear testimony to their infinite Workman."

DERHAM'S PHYSICO-THEOLOGY, BOOK II. P. 38.

"Could the body of the whole Earth - - be submitted to the Examination of our Senses, were it not too big and disproportioned for our Enquiries, too unwieldy for the Management of the Eye and Hand, there is no question but it would appear to us as curious and well-contrived a frame as that of an human body. We should see the same Concatenation and Subserviency, the same Necessity and Usefulness, the same Beauty and Harmony in all and every of its Parts, as what we discover in the Body of every single Animal."

ORATOR, NO. 613.

LIST OF ENGRAVINGS.

Plate

1. Synoptic View of the leading Phenomena of Geology.*
2. Jaws of fossil Didelphys and Dinotherium.
3. Restoration of Pachydermata of Mont Martre.
4. Skeletons of Pachydermata from Mont Martre.
5. Entire Skeleton, and parts of another Skeleton of Megatherium, (Double Plate.)
6. Teeth and caudal Vertebra of Megatherium.
7. Ichthyosaurus Platyodon.
8. Ichthyosaurus Communis, and Ichthyosaurus Intermedius.
9. Ichthyosaurus Tenuirostris.
10. Head, Eyes and Skin of Ichthyosaurus, &c.
11. Head, Teeth, and Sections of Jaws of Ichthyosaurus.
12. Paddles and Vertebrae of Ichthyosaurus.
13. Ichthyosaurus inclosing Coprolite.
14. Ichthyosaurus inclosing Scales of Fishes in Coprolite.
15. Various forms of Coprolites and spiral Intestines.
- 15'. Cololite, or fossil Intestines.
16. Restoration of Plesiosaurus Dolichodeirus, and nearly entire Skeleton of the same.
17. Front of Plesiosaurus Dolichodeirus.
18. Head and Sterno-costal Arcs of Plesiosaurus Dolichodeirus.
19. Plesiosaurus Macrocephalus, and lower jaw of Plesiosaurus
20. Head of Mosasaurus from Maestricht.
21. Pterodactylus Longirostris.
22. Pterodactylus Crassirostris and Brevirostris, (Double Plate.)
23. Jaw and Teeth of Megalosaurus.
24. Teeth and Bones of Iguanodon and Iguana.
25. Crocodilean Remains from the Lias and Oolite.

* Besides 120 figures of Plants and Animals, this Plate represents 30 kinds of Sedimentary Deposits, and 8 varieties of Unstratified Rocks; it also shows the dispositions of intruded Dykes, Metalliferous Veins, and Faults.