

## LIST OF PLATES.

The Frontispiece exhibits a vertical section of the Bone-Caves of Gaylenreuth, in Franconia.

Plate I. is a plan shewing the relative position of the Tertiary Mineral Formations around Paris.

II. is illustrative of the Succession of the Secondary Formations, and of the Distribution of Petrifications.

II *a*. Extraordinary Fossil Animal named *Pterodactylus longirostrus*, found near Aichstedt, in Germany.

III. Figure of an Ibis in a Temple in Upper Egypt.

IV. Skeleton of an Ibis from a Mummy found at Thebes.

V. Numenius Ibis, supposed true Ibis of the Egyptians.

VI. Fossil Human Skeleton found in Guadaloupe.

VII. *Cervus megaceros*, Irish Elk in the Museum of the Royal Dublin Society.

VIII. Fig. 1. Head and Horn of the Fossil Irish Elk. It represents a larger view of the head, in which the different markings are delineated, and the expansion of the horns shewn in a front view. In this is also seen the peculiar forked appearance of the sur-antler.

Fig. 2. The portion of cast horn mentioned at p. 501, having the smooth convex surface at the root.

Fig. 3. An internal and external view of the perforated rib, described in p. 504.

IX. *Cervus megaceros*, Irish or Isle of Man Elk in the Royal Museum of the University of Edinburgh.