

EXPLANATION OF THE PLATES.

Introductory Notice, and Description of the Geological Phenomena illustrated by Plate I.

PLATE I.

THE lower portion of Plate I, is an imaginary section, constructed to express by the insertion of names and colours, the relative positions of the most important classes both of unstratified and stratified rocks, as far as they have yet been ascertained.

The merit of this section is due to the talents of Mr. Thomas Webster; it has been enlarged and improved by him from an original section, which he has for several years exhibited in illustration of his lectures; it was intended to illustrate a work on Geology, which he is preparing for the press, and he has liberally permitted me to use it likewise in the present work, with some few additions and alterations of my own.

This Section exhibits under one point of view the relations of the Granitic and Volcanic rocks to the stratified formations, and to one another, more intelligibly than I have ever seen expressed elsewhere. The selection and arrangement of the animals and plants in the upper part of this Plate is exclusively my own; these have been drawn and engraved (together with a large proportion of the woodcuts) by Mr. J. Fisher, of St. Clements, Oxford.

The section is founded on many series of accurate observations, on several lines taken across Europe, between the British islands and the Mediterranean Sea. Although no single straight line exhibits every formation complete in the