

of individual forms that diversify the surface of the earth at the present day. Saying nothing about the solitary *Eozoön*, which stands inscrutable, isolated, and mysterious in the remote ages of Eozoic Time, like a desolate islet in the midst of a dark, and trackless, and tempest-beaten sea, we find that upon the very threshold of Paleozoic Time representatives of Radiates, Molluscs, and Articulates burst into multifarious being almost simultaneously. So nearly simultaneous was the appearance of each of these types, that all hypothesis of their genealogical succession is rationally precluded. The doctrine of development finds great discountenance in the very first of the facts from which such a doctrine ought to derive its support. Later in the history of the world Vertebrates made their advent, and thus were laid the four corner-stones on which Nature has built the superstructure of the animal creation. Among all the multitudes of organic forms which have been disinterred from the cemeteries of the solid rocks, we have found none which were not conformed to one of the four fundamental types announced in the beginning. Here is no caprice, here is no chance, but the constancy, and order, and persistence of intelligence, foresight, and fixed purpose.

When this grand procession of organic forms was marshaling for its movement through time, the Supreme Intelligence sent it forward in four columns, in each of which was dominant one of the four ideas of structure. But as Nature did not range her four columns in linear order, but set them abreast of each other, so she was equally far from bringing forward the subordinate divisions of each column or plan in any thing like a fixed progressive succession. Neither the highest and most exalted forms, nor the lowest and most humble, were ordained to take absolute precedence. In the sub-kingdom of Radiates the type was