

mations, will be made a subject of distinct inquiry, it will here suffice to state, that the proofs of method and design in the adaptation of these extinct forms of organization to the varied circumstances and conditions of the earth's progressive stages of advancement, are similar to those we trace in the structure of living animal and vegetable bodies; in each case, we argue that the existence of contrivances, adapted to produce definite and useful ends, implies the anterior existence and agency of creative intelligence.

CHAPTER IX.

Strata of the Tertiary Series.

THE Tertiary Series introduces a system of new phenomena, presenting formations in which the remains of animal and vegetable life approach gradually nearer to species of our own epoch. The most striking feature of these formations consists in the repeated alternations of marine deposits, with those of fresh water (see Pl. 1, sect. 25, 26, 27, 28).

We are indebted to Cuvier and Brongniart, for the first detailed account of the nature and relations of a very important portion of the