

Our examination will commence with the minutest animal organisms, and proceed in an ascending order, in accordance with the usual zoological classification ; but it will be expedient, as in the botanical section, to comprehend occasionally, under the same head, species and genera of different families, or classes, that may be associated together in particular deposits or localities.

In the preliminary remarks on the nature of Organic Remains (p. 54), the various conditions in which the relics of animals are preserved in the strata, were considered. We may, therefore, at once enter upon the investigation of the specimens selected for the illustration of the subject, from the innumerable relics of the ancient inhabitants of the sea and land, entombed in the solid crust of the earth—the remains of the countless tribes of beings, which have successively appeared on the surface of our planet, flourished for indefinite periods, and then vanished, and been succeeded by other types of organization.

The fossil Animal Kingdom will be considered under the following sections :—

I. INFUSORIA, or Animalcules.

This section will embrace, not only the remains of the animalcules (*little animals*), which, from the constant presence of many genera in vegetable infusions, have received the name of *Infusoria*; but also the relics of other minute beings associated with them, and which cannot be successfully investigated without the aid of the