

The evidence is similar to that obtained by Schliemann on the site of Troy, where, in digging through successive layers of *débris*, he found the objects deposited by successive occupants of the site, from the time of the Roman Empire back to the earliest tribes, whose flint weapons and the ashes of their fires rest on the original surface of the ground.

Let us now tabulate the whole geological succession with the history of animals and plants associated with it:

| ANIMALS.   | SYSTEMS OF FORMATIONS.  | PLANTS.                            |
|--|---|------------------------------------|
| Age of Man and Mammalia.                               | Kainozoic. { Modern, Pleistocene, Pliocene, Miocene, Eocene.                                  | Angiosperms and Palms dominant.    |
| Age of Reptiles.                                       | Mesozoic. { Cretaceous, Jurassic, Triassic.   | Cycads and Pines dominant.         |
| Age of Amphibians and Fishes.<br>Age of Invertebrates. | Palæozoic. { Permian, Carboniferous, Erian, Silurian, Ordovician, Cambrian, Huronian (Upper). | Acrogens and Gymnosperms dominant. |
| Age of Protozoa.                                       | Eozoic. { Huronian (Lower), Upper Laurentian, Middle Laurentian, Lower Laurentian.            | Protogens and Algæ.                |

It will be observed, since only the latest of the systems of formations in this table belongs to the period of human history, that the whole lapse of time embraced in the table must be enormous. If we suppose the modern period to have continued for say ten thousand years, and each of the others to have been equal to it, we shall require two hundred thousand years for the whole. There is, however, reason to believe, from the great thickness of the formations and the slowness of the deposition of many