



GRAPHIC REPRESENTATION OF THE PHYLOGENY OF THE TUNICATA.

The annexed scheme shows diagrammatically the probable phylogeny of the Tunicata. This group of animals is represented as being derived from the Protochordata (in the top left-hand corner of the page) at the point A., a little way below the position of *Amphioxus*. It branches out into a series of lines having a tree-like form, and representing the various ancestral and existing groups of Tunicata. The names at the ends of the lines stand for genera or small groups of genera. A few of the less important genera have been omitted. The letters A. B. . . O. represent hypothetical ancestral forms of importance which can be partially reconstructed from our knowledge of existing forms. In most cases they are placed at points where two or more lines of descent diverged from one another.

In this Phylogenetic Table all existing forms are represented as being at the *ends* of branches or twigs. In no case has the line representing the evolution of one group been allowed to pass through another group. Finally, the whole figure may be regarded as a graphic representation of the present state of our knowledge as to the affinities of the various groups of the Tunicata.