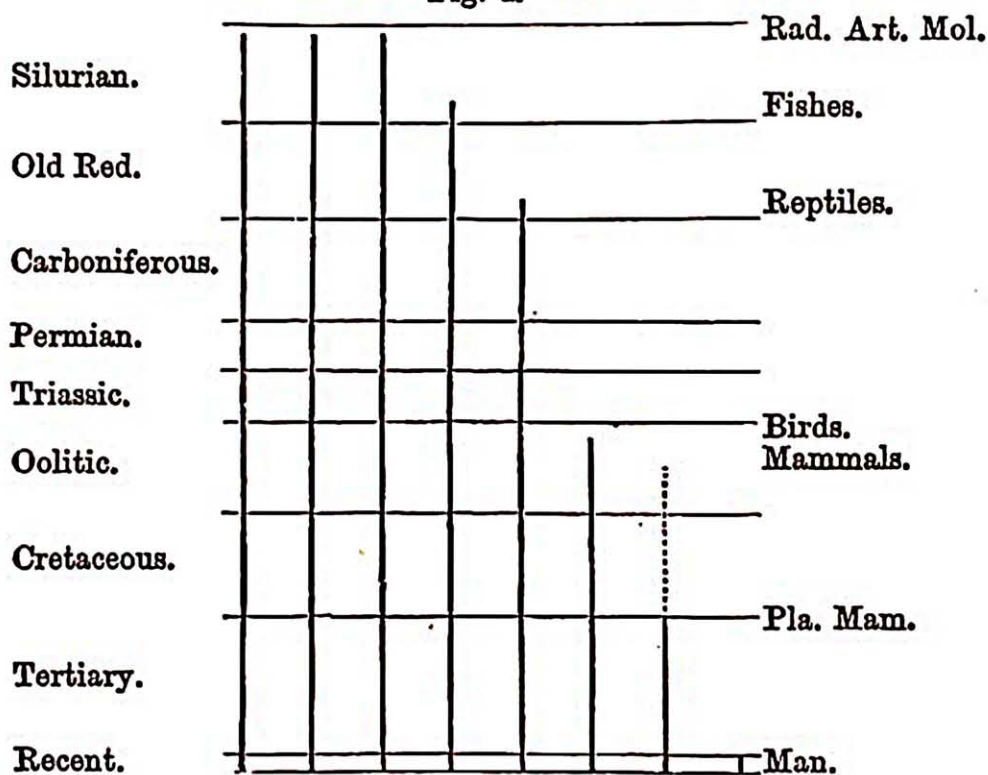


they become at once unequivocal in their character, and comparatively abundant, both as individuals and species ; and in the Tertiary deposits they greatly outnumber all the humbler classes, and appear not only as herbs, but also as great trees. Not, however, until shortly before the introduction of man do some of their highest orders, such as the Rosaceæ, come upon the scene, as plants of that great garden,—including the fields of the agriculturist,—which it has been part of man's set task upon earth to keep and to dress. And such seems to be the order of classification in the vegetable kingdom, as developed in creation, and determined by the geologic periods.

The parallelism which exists between the course of creation as exhibited in the animal kingdom, and the classification of the greatest zoologist of modern times, is perhaps still

Fig. 4.*



Geologic [Rad. Art. Mol. Fish. Rep. Bird. Mam. Man.] arrangement.

Cuvier's [Rad. Art. Mol. Fish. Rep. Bird. Mam. Man.] arrangement.

THE GENEALOGY OF ANIMALS.

* The horizontal lines of the diagram here indicate, as in fig. 1, the divisions of the several geologic systems ; the vertical lines represent the leading divisions and classes of animals, and, as shown by the formations in