

We have seen (p. 87) that there is a wider distance between the living Genera of the Order Pachydermata than between those of any other Order of Mammalia, and that many intervals in the series of these animals have been filled up by extinct Genera and Species, discovered in strata of the Tertiary series. The *Sivatherium* forms an important addition to the extinct Genera of this intermediate and connecting character. The value of such links with reference to considerations in Natural Theology has been already alluded to, p. 114.

P. 91. Further light has recently been thrown on the history of the organic remains of the Miocene system of the Tertiary deposits, by an account of discoveries made in strata of this formation in the South of France, near the base of the Pyrenees. On the 16th of January, 1837, a Memoir was presented to the Academy of Sciences at Paris, by M. Lartet, respecting a prodigious number of fossil bones that have been lately found in the tertiary fresh-water formation, of Simorre, Sansan, &c., in the department of Gers. Among these remains are bones of more than 30 species, referrible to nearly all the orders of Mammalia. The most remarkable among them is the lower jaw of an Ape, which presents the first fossil type of the order *Quadrumana* yet discovered. The individual from which this jaw was derived, was probably about 30 inches high.

The following is a List of the Genera under which these fossil remains are comprehended.

QUADRUMANA. *Simia*, one species.

PACHYDERMATA. *Dinotherium*, two species. *Mastodon*, five species. *Rhinoceros*, three species. One new animal allied to *Rhinoceros*. *Palaotherium*, one species. *Anoplotherium*, one species. One extinct species allied to *Anthracotherium*. One extinct species allied to *Sus*.

CARNIVORA. *Canis*, one species. A new Genus, between a Dog and a Raccoon, one large species. *Felis*, one large species. *Genetta*, animal allied to. *Coati*, animal allied to *Coati*, large as a White Bear.

RODENTIA. *Lepus*, one small species. Many other small species of Rodents not yet determined.