

All these animals lived upon seeds and fruits, on the green twigs, or subterranean stems, and the succulent roots of the plants of the period. They generally frequented the neighbourhood of fresh water.

The *Anoplotherium* (from ἀνοπλος, *defenceless*, θηρίον, *animal*), had the posterior molar teeth analogous to those of the Rhinoceros, the feet terminating in two great toes, forming an equally divided hoof, like that of the Ox and other Ruminants, and the tarsus of the toes nearly like those of the Camel. It was about the size of the Ass; its head was light; but what would distinguish it most must have been an enormous tail of at least three feet in length, and very thick at its

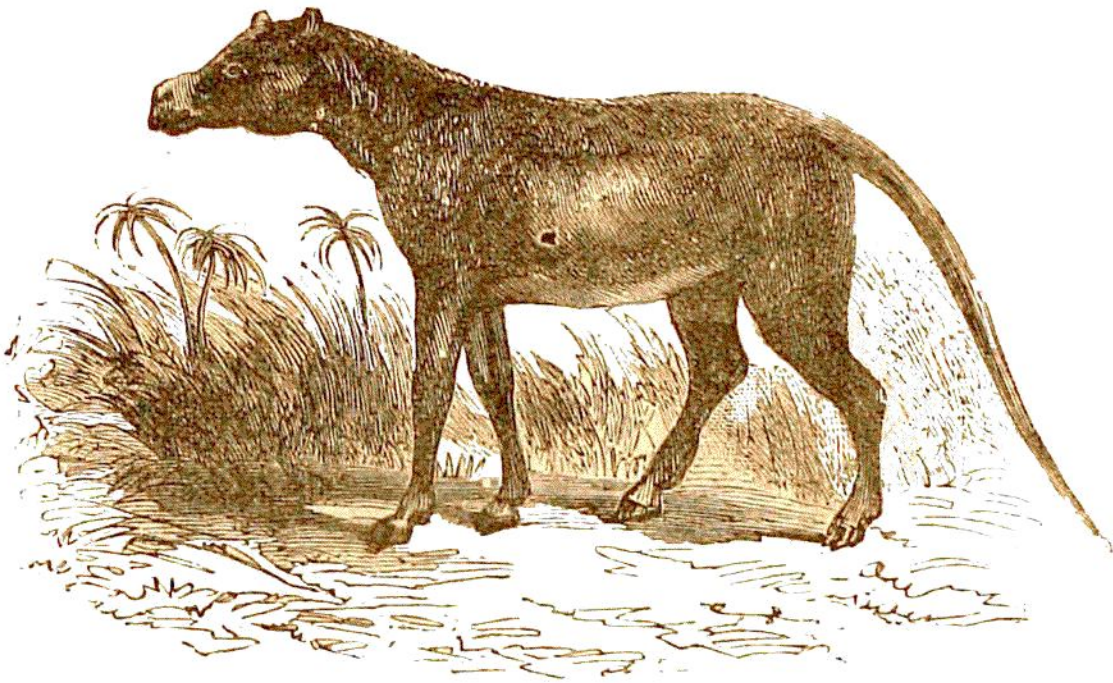


Fig 154.—*Anoplotherium commune*. One-twentieth natural size.

junction with the body. This tail evidently served it as a rudder and propeller when swimming in the lakes or rivers, which it frequented, not to seize fish (for it was strictly herbivorous), but in search of roots and stems of succulent aquatic plants. "Judging from its habits of swimming and diving," says Cuvier, "the *Anoplotherium* would have the hair smooth, like the otter; perhaps its skin was even half naked. It is not likely either that it had long ears, which would be inconvenient in its aquatic kind of life; and I am inclined to think that, in this respect, it resembled the Hippopotamus and other quadrupeds which frequent the water much." To this description Cuvier had nothing more to add. His memoir upon the *pachydermatous fossils* of Montmartre is accompanied by a design in outline of *Anoplotherium commune*, which has been closely followed in Fig. 154.