

THE PENNSYLVANIA MOLE.

IN Pennsylvania, says M. Kalm, there is a species of mole, which lives principally on roots. This animal digs, in the fields, small winding subterraneous alleys. In proportion to its size, it has more strength and rigidity in its paws than most other quadrupeds. In digging the earth, it uses its feet like oars. M. Kalm put one of them into his handkerchief; and he found, that, in less than a minute, it had made a number of small holes, as if the cloth had been pierced with a bodkin. It was very mischievous; and, whenever it found any objects in its way, it immediately perforated them with its teeth. I presented to it, continues M. Kalm, my ink-piece, which was made of steel; it began to bite the ink-piece; but was soon repelled by the hardness of the metal, and never afterwards inclined to bite any thing that was held out to it. This animal raises not the earth like the moles of Europe, but only makes small paths under the ground*.

These characters are not sufficient to give us a proper knowledge of the animal, nor enable us to decide whether it belongs to the mole-tribe,

* Voyage de Kalm, tom. ii. p. 333.

THE BAT*.

THOUGH all beings are equally perfect in themselves, since they proceed from the hands of the same Creator; yet, in relation to man, some beings are more accomplished, and others seem to be imperfect or deformed. Of the former kind are all those whose figures appear to us to be agreeable and complete; because all their parts and members are proportioned, all their movements and functions are easy and natural. The latter kind of beings, which to us have a hideous aspect, comprehends all those whose qualities are noxious to man, whose nature is uncommon, and whose form differs from the ordinary

* This animal has long extended toes to the fore-feet conjoined by thin broad membranes, extending to the hind-legs. — The common bat has short ears, mouse-coloured fur, tinged with red: Its length is two inches and a half, and the extent of the wings nine inches; Pennant's *Synops. of Quad.* p. 371.

In Greek, *Nyctopus*; in Latin, *Vespertilio*; in Italian, *Nottola*, *Nottale*, *Barbagello*, *Pipistrello*, *Pipistrello*, *Sporozione*; in German, *Fledermaus*; in Swedish, *Läderlapp*; in Polish, *Nietoperka*. *Vespertilio*; *Gesner. Hist. Avi.* p. 766. *Icn. Avi.* p. 17.

Ray, Synops. Quad. p. 243.

Vespertilio murinus, caudatus, naso oreque simplici, auribus capite minoribus; *Lin. Syst.* p. 47.

Vespertilio vulgaris; *Klein. Quad.* p. 61.

Vespertilio murina coloris, pedibus omnibus pentadactylis, auriculis simplicibus. *Vespertilio major*; *Briss. Reg. Anim.* p. 224.

figures