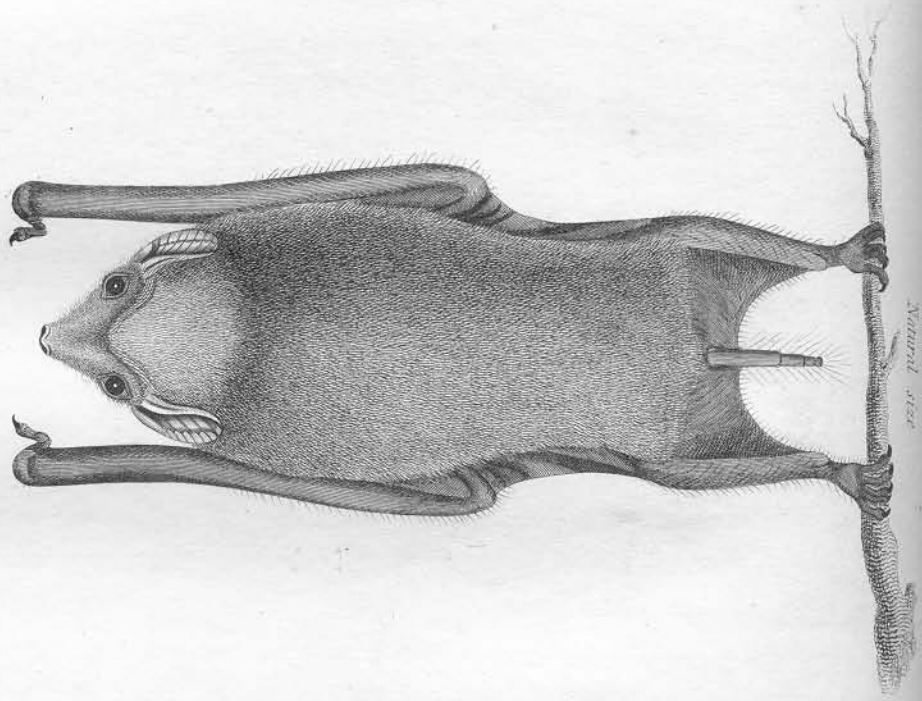


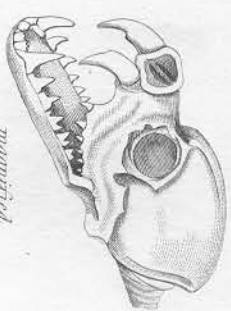
Natural size



Nat. size

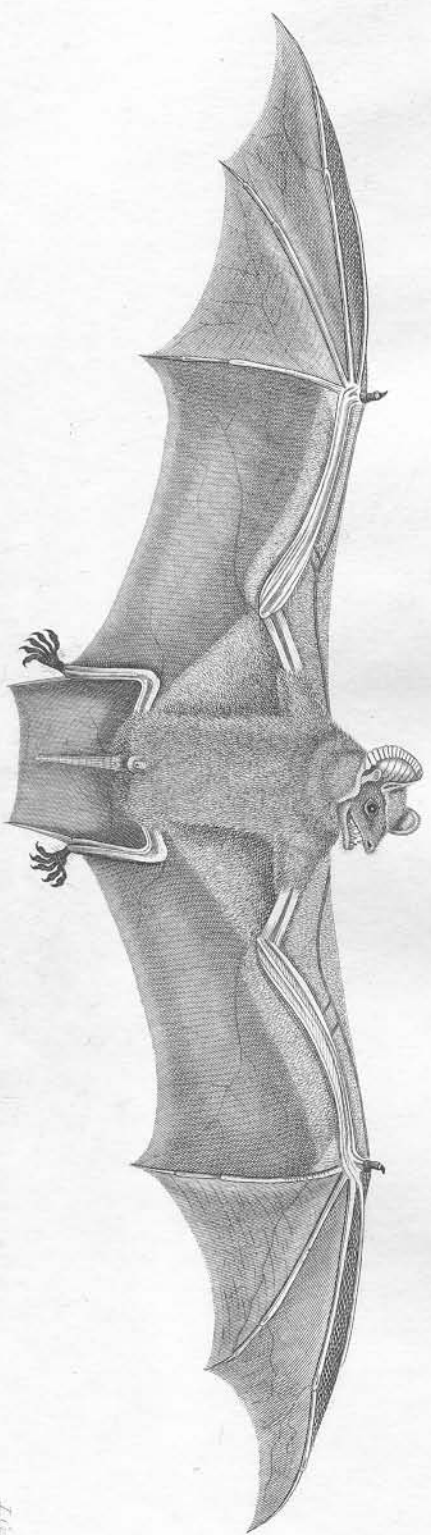


magnified



Lophoceros longimanus.

Nat. size



XXIV. *Description of a new Species of Tailed Bat* (Taphosous of Geoff.) found in Calcutta. By Major-general Hardwicke, F.R.S. and L.S. &c.

Read March 18, 1823.

TAPHOSOUS LONGIMANUS.

T. SUPRA ex fusco rufescens, subtus pallidior, trago pedicello plano capitulo securiformi obliquo margine crenulato, brachiis digitisque elongatis.

TAB. XVII.

Head depressed, broad between the ears ($\frac{3}{10}$ ths of an inch), suddenly tapering to the nose. *Nostrils* terminal, approximating, the margins tumid, the upper jaw longest. *Teeth*: in the upper jaw are two sharp, conical, slightly incurvated canine teeth; the space between them (the apex of the jaw) is naked, and a callosity supplies the place of cutting-teeth: on each side are 5 sharp-pointed grinders, the first very small, hardly appearing above the gums. In the lower jaw are two canine teeth, resembling those in the upper, but less curved, and between them, in front, are 4 minute incisores finely indented on their margins: on each side the canine teeth are 5 grinders, resembling those above, the two first single. *Ears* obliquely ovate, erect, transversely plaited inwardly; the plaits are very evident in the living animal, but more obscure after death. The anterior margins hairy

3 Y 2

inwardly,

inwardly, the posterior lobe elongated to the chin; and the marginal fold protrudes towards the auditory passage, which is further defended by an erect oblong valve, broader upwards than below. *Eyes* of moderate size, black. *Tail* one inch in length, and half the length of the uniting membrane, hardly tapering: in flight it is sheathed by the extension of the membrane; but when hanging to a branch, in its usual position of repose, the membrane is drawn up and leaves the tail apparently naked, but which is in fact covered with the skin of the membrane. *Body* thickly covered with a very soft hair; in the adult it is of a snuff brown: the legs, wings, and membranes black; but the full-sized young Bats are of a deep black on all parts. *Toes* 5 on each foot, all divided to the base, and of equal length. Extent of wings $14\frac{1}{2}$ inches, length 5 inches, weight 5 drams.

This Bat is common in Calcutta, in dark store-rooms; at night it frequents habitations, attracted by the light of the candles and numerous insects.