

PUTATIVE FEMALE.

A single female from East Malaysia: Sabah, Sandakan (*Baker*) (MCZ) is proposed here as the possible female of *ankistra*. Like the worker it has hooked metapleural lobes, but in the female the propodeal spines are short and blunt.

MALE: unknown.

The holotype, and only known, worker was brought down by fogging a forest tree with insecticide. In the worker the shape of the propodeal spines and metapleural lobes, coupled with the relatively narrow head, long scapes, and hairless tibiae, immediately isolate *ankistra*. This species has relatively the longest antennal scapes and narrowest head of any yet known in the genus, as indicated below where workers are arranged by increasing relative length of scape.

WORKER OF:	SI	HW	CI
<i>macta</i>	76–78	1.10–1.18	89–94
<i>ceylonica</i>	77–81	1.04–1.32	87–89
<i>catocha</i>	80–83	1.16–1.28	85–87
<i>demeta</i>	83	1.20	86
<i>ankistra</i>	90	1.00	83

***Paratopula catocha* sp. n.**
(fig. 4)

HOLOTYPE WORKER.

TL 6.4, HL 1.34, HW 1.16, CI 87, SL 0.96, SI 83, PW 0.86, AL 1.90. Propodeal spines relatively short and straight. Metapleural lobes not hooked upward apically. Dorsal (outer) surfaces of middle and hind tibiae without projecting hairs. Pilosity of first gastral tergite not abruptly truncated. Pronotum broader than long. Petiole and postpetiole as in fig. 4.

Mandibles finely shagreenate with a few scattered shallow pits. Masticatory margin with 8–9 teeth present. Median indentation of anterior clypeal margin shallow. Frontal carinae absent, the apices of the frontal lobes diverging posteriorly and merging with the rugoreticulum of the sides of the head. Rugoreticulum present everywhere on head except on clypeus and the area between and just behind the frontal lobes, where longitudinal rugae occur. Granular to reticulate-punctate ground-sculpture present everywhere between the rugae. Maximum diameter of eye 0.24 x HW. Pronotal dorsum more or less flat transversely. Metanotal groove broad and distinctly impressed. Propodeal spines short and straight and the metapleural lobes broadly rounded. Entirety of alitrunk reticulate-rugose with punctulate to shagreenate ground-sculpture. Petiole and postpetiole also reticulate-rugose, the latter less strongly so than the former. Postpetiole in profile with the tergum relatively long and low, shallowly convex. All dorsal surfaces of head and body with short erect hairs which are pointed apically. Legs with short appressed pubescence but lacking projecting hairs except on the ventral surface of the middle and hind femora, where 1 or 2 hairs are present basally. Colour a dull yellowish brown.

PARATYPE WORKERS

TL 6.6–7.0, HL 1.40–1.50, HW 1.20–1.28, CI 85–86, SL 0.98–1.02, SI 80–82, PW 0.90–0.94, AL 1.98–2.06. As holotype but both paratypes slightly larger than the holotype. The smaller paratype a little paler in colour than the holotype, the larger paratype slightly darker than the holotype.

Holotype worker, INDONESIA: Sulawesi Utara, Dumoga Bone Nat. Pk, 400 m, 11.ii.1985, plot C fog 5 (*N. Stork*) (BMNH).