

***Marcusenius jacksoni* sp. nov.**

(Fig. 14)

English translation of Max Poll's description

Local name: Kapepe (Ln, Q).

One specimen, holotype (no. 5575), total length 52 mm (standard length 47 mm), Longa River, a tributary of the Luena (12° S, 21°10' E), Nharicumbi village, 3 December 1954 (M.).

Description of the holotype. Body depth contained 5.3 times, and head length 4.3 times, in the standard length. Head approximately twice as long as broad and approximately 1.4 times as long as deep (at the occiput). Snout arched and concave above, rounded, not projecting or only very slightly so; its length contained 4.4 times in the head length and equal to one-third of the postocular portion of the head. Mouth terminal and narrow, its width one-quarter of the head length; chin entirely without a swelling. Teeth bicuspid, numbering 7/8 in the jaws. Nostrils midway along the snout, the upper situated on, and the lower below, the horizontal plane through the centre of the eye. Eye small, its diameter contained 1.3 times in the snout length, 6.1 times in the head length, and 2.8 times in the interorbital distance.

Dorsal fin with 18 rays; its base contained 2.3 times in the distance separating it from the head and 2.9 times in the distance separating it from the tip of the snout. Its origin lies above the seventh anal-fin ray; its longest anterior ray is contained 1.85 times in the head length.

Anal fin with 23 rays; its base equal to the head length and contained 1.3 times in the distance separating it from the head. Its longest ray is contained 1.6 times in the head length. Pectoral fins somewhat rounded, extending well beyond the level of the pelvic-fin insertions. Pelvic fins approximately half as long as the pectoral fins. Caudal fin forked, with somewhat pointed lobes. Caudal peduncle four times as long as deep.

Scales: 50 in the lateral line; 7/8 in the transverse series between the origins of the dorsal and anal fins; 12 around the caudal peduncle.

Colouration. Light yellowish brown, entirely speckled with small spots and marbling of a darker brown; fins greyish.

The species is warmly dedicated to P. B. N. Jackson, author of *Fishes of Northern Rhodesia*.

Comparison with related species

Affinities. The following table compares the new species, *M. jacksoni*, with its closest relatives. Figures without parentheses refer to the published descriptions; those in parentheses refer to specimens in the collection of the Royal Museum for Central Africa.

Character	<i>Marcusenius marchii</i>	<i>Marcusenius kingsleyae</i>	<i>Marcusenius sphecodes</i>	<i>Marcusenius jacksoni</i> sp. nov.
Standard length / body depth	3.5-4	4.5-5 (5.2)	5-6 (6)	5.3
Standard length / head length	4.5-5	4-5 (4.1)	5-6 (4.5)	4.3
Dorsal-fin rays	22-24	16-20 (18)	17-21 (17)	18
Anal-fin rays	30-31	21-26 (24)	24-26 (24)	23
Lateral-line scales	62	55-65 (63)	67-90 (63)	50
Transverse scale series between dorsal and anal fins	11/8	(8-9)/(6-8) (9/8)	9/8 (9/8)	7/8
Scales around caudal peduncle	12	12 (12)	12 (12)	12
Teeth	5/6	5/6 (5/6)	5/6 (5/6)	7/8

Table notation: Slashes in the scale and tooth counts reproduce the vertically stacked counts in the original. In the transverse-scale entry for *M. kingsleyae*, the unparenthesized upper count is 8-9 and the lower count is 6-8. The grouping parentheses around those ranges are added for clarity; the following (9/8) is the original museum-specimen count.