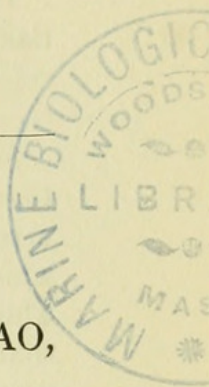


PROCEEDINGS
OF THE
BIOLOGICAL SOCIETY OF WASHINGTON



NEW SPECIES OF CALLIMERUS FROM MINDANAO,
PHILIPPINE ISLANDS.

BY EDWARD A. CHAPIN.

Owing to the premature publication of the names "*Callimerus persimilis* Chapin" and "*Callimerus bakeri* Chapin" in an exchange list of coleoptera, the present descriptions are offered to validate them.

Callimerus persimilis, n. sp.

General appearance, form and size as in *C. albescens* Chpn., from which the present species differs markedly in the genital characters. Black, almost entirely clothed above with white scales; legs, antennae, mouth-parts and sometimes abdomen pale. Head, except for the labrum and underside, very densely clothed with scales, finely alutaceous above, smooth beneath, antennal club very lax, terminal segment oval. Thorax almost cylindrical; apical and basal transverse impressions broad and shallow; lateral dilations feeble, the width at the extreme base being almost equal to the width across them; on the disc there is a shallow depressed area followed by a smooth median line which reaches to the basal marginal bead, surface, except on the smooth line, with coarse, scattered punctures. Elytra with the punctures of the basal half arranged in rows, these rows fail entirely beyond apical fourth, surface as it appears at the nude spots finely alutaceous, almost entirely covered with white scales, the scales being absent at almost the same places as in *C. albescens*. Under-parts finely wrinkled, laterally with white scales. In one specimen, a female, the abdomen is pale. Legs long and slender, claws with small basal lobe, almost simple. Hind tibiae without subapical notch.

Male: Fifth ventral abdominal segment with a broad and shallow emargination, sixth ventral similar to fifth, terminal dorsal evenly rounded, lobes of penis sheath with external hook-like processes on external side.

Female: All ventral segments with simple, unmodified margins.

Length: 6.5-7.5 mm.

Type: A male from Surigao, Mindanao (C. F. Baker No. 16293). Paratypes: one male and two females from Surigao (C. F. Baker No. 14725), one female from Kolambugan, Mindanao (C. F. Baker).

Type in the collection of the author, paratypes in collections of Professor Baker and the author.

***Callimerus bakeri*, n. sp.**

Form, size and superficial appearance much as in *C. luzonicus* Chpn. Frontal region including clypeus rather densely punctured, occiput and vertex smooth and shining. Eyes margined in front with white scales, which are continued in a band across the punctured portion of the front. Thorax urn-shaped, the basal transverse impression bordered behind by a sharply raised ridge, anterior impression broad and shallow, with numerous very fine transverse striae, especially toward the middle. Lateral dilations moderate, lateral foveae broad, circular and shallow. Punctures fine and sparse. Scutellum truncate behind. Elytra long, lateral margins almost parallel, apices obliquely truncate, the outer angle of the truncature with a rather conspicuous mucro. Punctures rather fine, arranged in longitudinal rows, the rows becoming closer together as the lateral margin is approached but without the conspicuous crowding of rows 4-6 as in *C. lateralis* Chpn. Scales yellowish white, evenly distributed over the elytral surface. The flanks of the elytra are slightly darker than the disc. Under parts heavily scaled along the sides, abdominal sternites moderately closely punctured.

Male: Terminal dorsal with broad median triangular lobe which is subacute at apex. Laterally, the segment is prolonged into a thin, flat ramus on each side, which ends in an upwardly directed thorn-like triangular process. The lobes of the penis sheath end in short, outwardly-directed hooks. Fifth and sixth ventrals transverse, nearly straight.

Female: Fifth ventral with a very broad and shallow emargination, the width of the emargination about equal to one-half the width of the sclerite.

Length: 6.5 mm (♂)—8 mm. (♀).

Type: A male from Butuan, Mindanao (C. F. Baker 17541), paratypes as follows: a female from Surigao, Mindanao (C. F. Baker 14726), a female from Iligan, Mindanao (C. F. Baker 12736) and 4 males and 3 females from Surigao, Mindanao (C. F. Baker), 3 females from Butuan, Mindanao.

Type in the collection of the author, paratypes in collections of Professor Baker and the author.



Chapin, Edward A. 1922. "New species of Callimerm from Mindanao, Philippine Islands." *Proceedings of the Biological Society of Washington* 35, 133–134.

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