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Cephenniini of the Philippines. Part 1. A new species of
Cephennomicrus REITTER from Leyte
(Coleoptera: Staphylinidae: Scydmaeninae)

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ABSTRACT. The genus *Cephennomicrus* REITTER (Staphylinidae, Scydmaeninae, Cephenniini) is reported for the first time to occur in the Philippines. *Cephennomicrus leyteanus* n. sp. is described and illustrated; the type material has been collected in the Leyte Is. (Leyte Prov.).

Key words: entomology, taxonomy, new species, Coleoptera, Staphylinidae, Scydmaeninae, Cephenniini, *Cephennomicrus*, Oriental Region, Philippines.

INTRODUCTION

Merely two species of the large and cosmopolitan tribe Cephenniini have been known to occur in the Philippines: *Cephennodes luzonicus* BLATTNÝ, 1929 and *C. bakeri* BLATTNÝ 1929. Both of them inhabit the northernmost, large island Luzon. The illustrations provided by BLATTNÝ are sufficiently accurate to recognize these two species as truly belonging to *Cephennodes*, and only the subgeneric placement remains to be clarified by examination of the aedeagi.

In this paper, the occurrence in the Philippines of another genus of the tribe, *Cephennomicrus* REITTER, is reported, and a new species. *C. leyteanus* is described. The type material, collected in the island Leyte, is deposited in the Staatliches Museum für Naturkunde, Stuttgart, Germany (SMNS).

***Cephennomicrus leyteanus* n. sp.**

(Figs. 1-4)

NAME DERIVATION

The specific epithet is locotypical, derived from the type locality, the island Leyte.

DIAGNOSIS

This species clearly differs from all congeners in the following combination of characters: body large, exceeding 1 mm in length, very broad, elytra nearly as long as broad; cuticle very glossy and nearly impunctate; dorsum without basic vestiture, pronotum and elytra bear several very long, strongly erect setae; pronotum subrectangular in shape, with two pairs of large and deep lateral ante-basal foveae; and mesoscutellum concave.

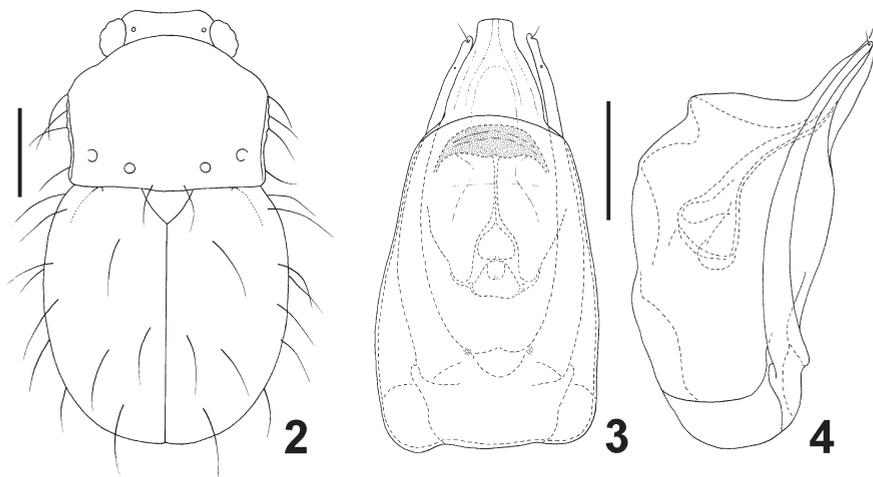


1. *Cephennomicrus leyteanus* n. sp.; holotype male (length 1.10 mm)

DESCRIPTION

Male (Figs. 1, 2). Body very stout and strongly convex, length 1.10 mm, pigmentation dark reddish-brown, dorsum very glossy; setae slightly lighter than cuticle. Head widest at very large and convex, coarsely faceted eyes, length and width 0.18 mm. Tempora not visible; vertex and frons moderately convex; frontal glands present, each circular, slightly smaller than single ommatidium, located near internal margin of eye; supraantennal tubercles weakly raised, indistinct. Punctuation on frons and vertex indiscernible under magnification 80x; dorsal surface of head glabrous except for several setae on anterior margin of clypeus. Antennae long, with slender flagellum and large, well delimited 3-segmented and flattened dorso-ventrally club; length 0.50 mm; antennomere I about 1.7x as long as broad; II as long as I but slightly narrower, about twice as long as broad; III much narrower than II, as long as broad; IV-VI subequal in length and width, each as broad as II but slightly longer; VII slightly broader and longer than VI, 1.2 x as long as broad; VIII slightly broader than VII but similar in length, 1.1x as long as broad; IX much broader and longer than VIII, twice as long as broad; X much broader and slightly longer than IX, slightly longer than broad; XI as broad as X but slightly longer, about 1.4x as long as broad, with well marked division between cylindrical basal part and conical apical part.

Pronotum slightly broader than long, in dorsal view subrectangular, length 0.35 mm, maximum width 0.45-0.48 mm. Anterior margin rounded; front angles well marked, blunt (well visible in fronto-dorsal view); lateral margins with sparse serration, S-shaped, so that pronotum is distinctly constricted near posterior third; hind angles slightly obtuse, blunt; posterior margin nearly straight, with barely noticeable pair of lateral emarginations. Base of pronotum with two lateral pairs of large and deep foveae, external ones are strongly shifted anteriorly in relation to internal pits. Punctures on disc are extremely fine, hardly discernible under magnification 80x; setation



2-4. *Cephennomicrus leyteanus* n. sp. 2 – simplified body outline and chaetotaxy; 3, 4 – aedeagus in ventral (3), and lateral (4) views (scale bar: 2 – 0.2 mm, 3, 4 – 0.05 mm)

composed of four long, erect setae distributed along each lateral margin and pair of similar setae in middle of posterior margin, separated by space slightly shorter than width of scutellum.

Elytra oval, very stout, nearly as broad as long, broadest near anterior third, length 0.58 mm, width 0.55 mm, elytral index (length/width) 1.05. Humeral calli small but well marked, separated from adsutural area by elongate, moderately deep impression; humeral denticles in natural position not visible; each elytron bears single, very small basal fovea; apices of elytra separately rounded. Punctures very small, shallow and sparse, unevenly distributed, barely noticeable under magnification 40x; setation composed of several very long, upright setae distributed as in Fig. 2. Hind wings long, functional.

Legs slender, moderately long; all tibiae slightly recurved (mesotibiae most distinctly).

Metaventricle with very small median tubercle located slightly anterior to middle.

Aedeagus (Fig. 3, 4) length 0.18 mm, in ventral view broadest near base and gradually narrowing toward rapidly separated subrectangular apical part, apex truncate; internal armature lightly sclerotized, composed of median bell-shaped structure connected by longitudinal duct with subapical region of median lobe; parameres slender, not exceeding apex of median lobe, with lateral lobes at basal orifice, and each with single apical seta.

Female. Unknown.

TYPE MATERIAL

Holotype (male): three labels: "PHILIPPINES:LEYTE \ Lake Danao, 1991 \ forest edge, 500 m \ leg. SCHAWALLER & al." [yellow, printed], "19.2.+8.3" [white, typed], "*CEPHENNOMICRUS* \ *leyteanus* m. \ HOLOTYPUS \ det. P. JAŁOSZYŃSKI '08" [red, printed] (SMNS). Paratype: 1 male, same data as for holotype, except yellow identification label annotated "PARATYPUS" (SMNS).

DISTRIBUTION

Philippines: Leyte.

REMARKS

Similar undescribed species of *Cephenomicrus* occur in the Sunda Islands (JAŁOSZYŃSKI, unpublished observations); they all share relatively stout, shiny and glabrous body provided with several very long, strongly erect setae. Therefore, despite remarkable body length, shape and chaetotaxy of *C. leyteanus*, examination of the aedeagus is necessary to confirm identification.

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REFERENCES

BLATTNÝ, C. 1929. Fauna Philippinica, Scydmaenidae, Coleoptera. Philippine J. Sci., **38**: 303-323.