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# A NEW SPECIES OF THE GENUS *FILIPINMULCIBER* VIVES, 2009 (COLEOPTERA: CERAMBYCIDAE) FROM PHILIPPINES

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*Filipinmulciber mindanaoanus* sp. n. (Coleoptera: Cerambycidae: Homomoeini) from Philippines (Mindanao: Bukidnon), is described and illustrated. The genus *Filipinmulciber* Vives, 2009 in the world fauna is now represented by four species.

Key words: Cerambycidae, Lamiinae, Apomecyni, Philippines, new species, *Filipinmulciber*.

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## INTRODUCTION

The genus *Filipinmulciber* Vives, 2009 distributed in the Philippine Archipelago and represented by three species: *F. breuningi Vives, 2009* and *F. vivesi* Barševskis, 2016 are known from Luzon Island, and *F. palawanus* Vives, 2015 was described from Palawan Island (Barševskis, 2016; Vives 2015).

In the present study, additional new (fourth) species from Mindanao Island (Bukindon) is described and illustrated. The new discovery of this genus for the Mindanao Island shows that the species of *Filipinmulciber* are distributed practically throughout the Philippine Archipelago.

## MATERIAL AND METHODS

The holotype of a new species is deposited in DUBC, Coleopterological Research Center, Institute of Life Sciences and Technology, Daugavpils University (Ilgas, Daugavpils Distr., Latvia). Digital stereomicroscopes Nikon AZ100 Multizoom, Nikon SMZ745T and Zeiss SteREO Lumar.V12, NIS Elements Advanced Research software, Canon EOS 60D and Canon EOS-1Ds Mark II digital cameras were used in this study.

The distribution map of the new species in the Philippines archipelago (Fig. 2) was drawn using ArcGIS 10 software.

### *Filipinmulciber mindanaoanus* sp. n.
**Fig. 1, 2**

**Holotype:** Male: Philippines: Mindanao isl., Bukidnon, Panamokan, 11.2014., local collector leg.; Holotype: | Filipinmulciber | mindanaoanus sp. n. | A.Barševskis det. 2017 <red rectangular label, handwritten>

**General distribution:** Philippines: Mindanao Isl. (Fig. 2).

Fig. 1. Holotype of *Filipinmulciber mindanaoanus* sp. n.


Fig. 2. Distribution of *Filipinmulciber mindanaoanus* sp. n.

Fig. 3. *Filipinmulciber palawanus* Vives, 2015 (image from: Vives, 2015)

Fig. 4. *Filipinmulciber breuningi* Vives, 2009

**Description.** Length: 10.7 mm; maximum width: 2.9 mm. Body dark brown, elongated.

Head quadrangular, flat, transverse, with coarse punctures and irregular small spots of white and yellow-brown tomentum and two large spots behind posterior side of eyes of brown tomentum. Eyes slightly convex, with comparatively large facets. Cheeks with sparse pale pubescence. Middle portion of head with wide impressed furrow and very thin middle line and with spot of sparse white and yellow-brown tomentum. Head distinctly darker than pronotum and elytra, dark-brown. Mandibles sharp and relatively slide, dark-brown. Labrum dark-brown, tomentose. Clypeus very narrow, transverse, curved, with very fine puncturation and pale tomentum. Antennae slender, brown, with very fine punctures and tomentum; first four basal antennomeres slightlu darker than remaining segments; relatively long 1st antennomere thickened. Left antennae of holotype without apical antennomeres.

Pronotum transverse, with small spots of pale yellow-brown and white tomentum in lateral portions. Disc of pronotum smooth and shiny, with very sparse coarse punctures and very fine microsculpture. Basal angles invisible. Anterior and posterior margin of pronotum bordered. Scutellum of holotype invisible. Medio-lateral parts of of pronotum with paired strongly protruded laterad denticles.

Elytra elongate, brown, glossy, with well-developed shoulder. Puncturation of elytra coarse, interspaces between punctures with very fine microsculpture and covered by sparse golden-brown tomentum and with several isolated small yellow-brown spots: first pair of more visible oval spots situated laterally before middle of elytra, second pair of smaller spots situated behind middle portion of each elytron near suture. Dorsal portions of elytra at apex with rudiments of longitudinal ridges.

Legs dark-brown, slightly shiny, tomentose. Femora massive, tibia slender, relatively short, dilated in anterior part. Tarsus covered by pale tomentum and dark setae. Tarsomeres emarginated with long, dense band of yellow setae.

Female unknown.

Fig. 5. *Filipinmulciber vivesi* Barševskis, 2016

**Differential diagnosis.** The new species differs from three other species by the shapes of the body surface. New species more similar to *F. palawanus*, but differs by the following features: 1) different shape of surface drawings: posterior margin of eyes and elytra of *F. mindanaoanus* sp.n. with well isolated yellow-brown oval and elongate spots, while head and elytra of *F. palawanus* without isolated spots (Fig. 3); 2) elytra of of *F. palawanus* with two well-developed longitudinal ridges, while elytra of a new species at apex only with rudiments of longitudinal ridges; 3) head of of *F. palawanus* triangular, while head of *F. mindanaoanus* sp.n. clearly quadrangular, with more sparse puncturation. *F. mindanaoanus* sp.n. differs from *F. breuningi* (Fig. 4) and *F. vivesi* (Fig. 5) by the brown body species (relative species are black), by the presence of rudiments of longitudinal ridges which are not presented on the elytra of

*F. breuningi* and *F. vivesi*, and by the more sparse puncturation of the body.

**Etymology.** The species is named after the type locality.

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