

A new species of the genus *Doliops* Waterhouse, 1841 (Coleoptera: Cerambycidae) from Leyte Island, the Philippines

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Doliops du sp. nov. Waterhouse, 1841 (Coleoptera: Cerambycidae) from Leyte Island (the Philippines) is described and illustrated. The genus *Doliops* Waterhouse, 1841 in the world fauna is now represented by 73 species and subspecies.

Key words: Coleoptera, Cerambycidae, *Doliops*, taxonomy, new species, Leyte, Philippines.

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INTRODUCTION

The genus *Doliops* Waterhouse, 1841 (Coleoptera: Cerambycidae) belongs to the tribe Apomecynini, subfamily Lamiinae. Over the past five years, some authors described several species of *Doliops* and provided new faunistic data on the distribution of many species (Barševskis 2017a, 2017b, 2018, Barševskis & Kairišs 2019, Cabras, Medina 2019, Yoshitake & Yamasako, 2016, 2018a, 2018b, Barševskis & Cabras, 2020, Barševskis et al. 2020).

The aim of the present article is the description of the third species of *Doliops* from Leyte Island, the Philippines. Two species of the genus were previously known from this island: *D. boholensis sakaii* Yoshitake & Yamasako, 2018 and *D. geometricus* Waterhouse, 1842. In total,

73 species and subspecies of *Doliops* are currently known in the world's fauna.

MATERIAL AND METHODS

The laboratory research and measurements have been performed using Nikon AZ100, Nikon SMZ 745T and Zeiss Stereo Lumar V12 digital stereomicroscopes, NIS-Elements 6D software. The habitus photograph was obtained with a digital camera Canon EOS 6D with Canon MP-E 65mm macro lens, using Helicon Focus auto mon-tage and subsequently was edited with Photoshop. All measurements are given in millimeters.

The studied material (holotype) is deposited in Daugavpils University Institute of Life Sciences and Technologies, Coleopterological Research Center, beetles collection (DUBC).

RESULTS

Doliops du sp. nov.

Fig. 1 - 2

Type material. Holotype, male: PHILIPPINES: Leyte Isl., / Mahaplag, 08.2020. / local collector leg. / [handwritten]; HOLOTYPE: / *Doliops du* sp. nov. / A.Barševskis desc. 2021[red, handwritten] (DUBC).

General distribution: Philippines; Leyte Island.

Description. Body length: 12.9 mm, body width: 5.3 mm. Dorsal surface of body metallic copper-colored, shiny, with spots of greenish scales.

Head elongate, narrower than pronotum, metallic shiny, with very fine dorsal microsculpture, covered with very fine and pale pubescence. Frons slightly convex, very shiny. Middle portion between eyes with wide elongate band of greenish scales, with longitudinal very thin and shiny line without scales. Eyes flattened, not extended, bilobate. Cheeks narrow, not extended, covered with greenish scales. Clypeus brown, narrow, shiny. Labrum metallic-green, shiny, covered with sparse pubescence. Mandibles massive, shiny, with acute apices. Antennae slender, relatively short; antennomeres 1-3 dark, metallic, shiny; antennomere 3 elongate, darkened and widened apically, with row of black setae and very fine pubescence; antennomere 4-5 darkened apically, with very fine pubescence in basal portions; remaining antennomeres brown, with very fine pubescence.

Pronotum subcylindric, convex, slightly transverse, wider than head and narrower than elytra. Basal part with two thin, transverse, parallel and slightly curved lines, and apical part with one impressed line. Lateral disc of pronotum between apical and basal lines shiny, smooth in middle, with some very sparse punctures and very fine transverse microsculpture. Lateral sides rounded, without visible angles, with wide oval circle of greenish scales. Scutellum rounded apically, metallic shiny, covered with very sparse and dark

pubescence. Pars stridens not visible under basal margin of pronotum.

Elytra wide, convex, metallic copper-coloured, shiny. Shoulders visible, but not protruded apically. Lateral and dorsal parts of each elytron behind shoulders with large pentagonal spot of greenish bands. Surface of elytra behind middle with second transverse band, widened in middle of longitudinal oval spot, inside with small area without scales. Apex of elytra with third semitriangular spot of bands of greenish scales.

Legs metallic, shiny, with very fine microsculpture. Apical part of tibia covered with dense, dark pubescence and setae. Tarsomeres metallic, shiny, covered with dark pubescence and setae. Ventral side of body metallic, shiny, with lateral spots of greenish scales.

Male genitalia. Aedeagus curved, sickle-shaped, with acute apex of lamella (Fig. 2).

Female unknown.

Differential diagnosis. Based on the coloration of the body, the new species is similar to *D. um* Barševskis, 2018, but differs from it by the different pattern of pronotum and elytra. Lateral and dorsal parts of each elytron of a new species behind shoulders with large pentagonal spot of bands of greenish scales, and with second transverse band behind middle, widened in middle in longitudinal oval spot, and inside with small area without scales and third semitriangular spot of bands of apical greenish scales. Pronotum of a new species with wide oval circle of greenish scales, while *D. um* with different shapes of the pronotal and elytral drawing of greenish scales (see for details Barševskis (2018)).

Etymology. The specific epithet of a species is derived from the abbreviation of Daugavpils University (DU), which is celebrating its 100th anniversary this year. Daugavpils University has an internationally recognized Coleopterological Research Center with a collection of beetles. I dedicate this species to Daugavpils University on its 100th anniversary!



Fig. 1. *Doliops du sp. nov.* (holotype)

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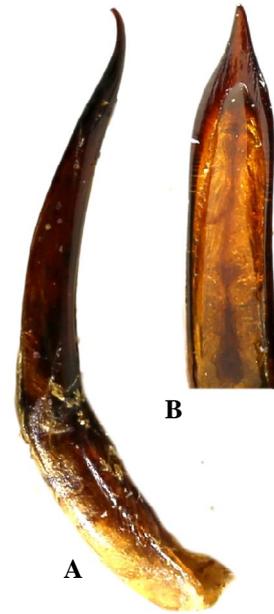


Fig. 2. Aedeagus of *Doliops du sp. nov.* A - lateral view, B - lamella

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