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A new species of *Diamella* Shi & Liang, 2013 from the Philippines (Coleoptera: Carabidae: Lebiini)

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Diamella barsevskisi sp. n. from the Philippines is described. The differential diagnosis for the genus *Diamella* is redefined. Images of the habitus of the imago and aedeagus are given.

Key words: Coleoptera, Carabidae, Lebiini, Physoderina, Philippines, new species.

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INTRODUCTION

Among the material of Coleoptera from the Philippines, recently acquired by Dr. Arvids Barsevskis for the Daugavpils University Beetle Collection, I found a specimen of a new species of the genus *Diamella* Shi & Liang, 2013, that is described in the present paper.

The rather small sub-tribe Physoderina, of the tribe Lebiini, is distributed in the Oriental and Afrotropical regions. The sub-tribe includes ten genera containing about 58 species (Anichtchenko, 2015; 2016; Hongliang, Hongzhang & Hongbin, 2013) in total. A recent revision (Hongliang, Hongzhang & Hongbin, 2013) allows easy recognition of the species. The genus *Dianella* Jedlička, 1952 (homonym of *Diamella* Shi & Liang, 2013) was described from a type species *Dianella kaszabi* Jedlička, 1952, by monotypy, and consists of three species, *D. kaszabi* Jedlička, 1952 from Taiwan, *D. arrowi* (Jedlička, 1935) from the Philippines and *D. cupreomicans* (Oberthür, 1883), which is widely distributed in southeast Asia. Species of the genus are characterized by their head, which has pubescence at least on the vertex and by the densely and evenly pubescent pronotum. Posterior supra-orbital setae, remote from the eyes, insertions more or less tumid, forming a pair of humps; elytra with fine setae along striae on odd intervals, even intervals glabrous.

The new species completely conforms with the diagnosis of the genus, except for the structure of the internal sac of the aedeagus. Hongliang *et al*. (2013) noted that the main flagellum of the internal sac is extraordinarily thick in this genus, but in the new species it is of normal breadth, so this character should be excluded from the list of differential characters of the genus.

MATERIAL AND METHODS

Measurements: body length, from anterior margin of clypeus to apex of elytra along suture; length of pronotum, along midline; width of pronotum, at widest point; length of elytra, from base to apex along suture; and width of elytra, at widest point. All measurements are reported in millimeters.

Abbreviation of specimen depository:
DUBC – Daugavpils University Beetle Collection (Latvia).

TAXONOMY

***Diamella barsevskisi* new species**
(Figs. 1-2)
Types. Holotype, male: "Philippines, Mindanao, Kiamba, Sarangani, Jul. 2016" (DUBC).

Diagnosis New species is most similar to *D. arrowi* in possessing shallow elytral striae and bluish reflections on the elytra, but can be easily distinguished by the moderately tumid vertex, absence of horn-like humps at posterior supra-orbital seta insertions; pronotum front angles not narrowed, lateral margins completely rounded medially; elytra dark blue, strongly metallic; elytra with very shallow striae, with accessory setae only on odd intervals.

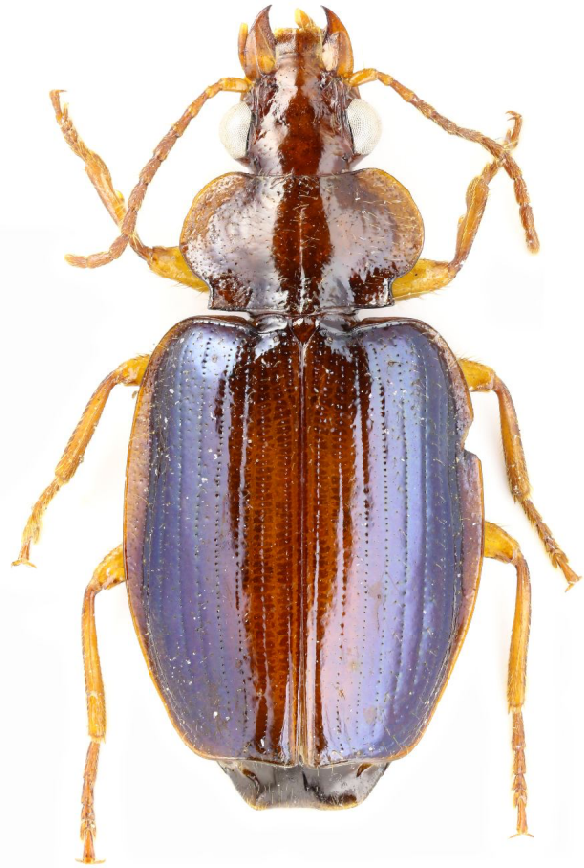
Description Body length 6 mm; head and pronotum reddish brown, shiny; elytra metallic blue, with diffused reddish brown sutural spot on 1-4 intervals and lateral margins; mouthparts, 3 basal antennomeres and legs yellowish; ventral side dark brown.

Head without microsculpture or punctures, sparsely pubescent on vertex and lateral impressions; tempora shorter than half length of eyes; vertex moderately tumid, posterior supra-orbital setae remote from eyes, setal insertions humped; labrum parallel sided, apical border emarginate.

Pronotum broadly transverse, widest in the middle; ratio PW/PL 1.7; front angles broadly rounded; lateral margins strongly expanded in middle, completely rounded, sinuate before hind angles; hind angles acute, clearly projected; disc slightly convex, shiny, microsculpture indistinct; lateral explanate areas wide and even; basal foveae shallow; disc sparsely punctate, base and lateral sides moderately punctate; disc with long setae; median line distinct, shallow.

Elytra wide, ratio EW/EL 1.25; hind-wings well developed; elytral lateral borders wide; striae shallow, finely punctate, not reaching basal margin; discal pores indistinct, except pre-apical ones, situated near second stria; intervals flat, devoid of microsculpture, odd intervals with secondary pores, more abundant on 5th and 7th intervals; primary pores indistinct among secondary pores; umbilical series of 9th interval composed of 18 pores; disc without distinct depression; elytral lateral margins with sparse and fine setae; epipleura glabrous.

Ventral side Propleura smooth; prosternum with long pubescence, pro-episterna glabrous; mesosternum nearly glabrous; abdomen pubescent. ***Male genitalia*** with median lobe of aedeagus flat and almost straight, gently expanded to apex;



A

B

Figs. 1-2. Habitus (A) and aedeagus (B) of *Diamella barsevskisi*, new species.

dorsal side slightly pubescent sub-apically; apical orifice opened apically; lamella placed on right side, short and rounded; internal sac with main flagellum long and narrow, reaching apical orifice; trumpet-form expansion poorly discernible (Fig. 2).

Female genitalia unknown.

Distribution Known only from type locality, Mindanao (Philippines).

Etymology The species is named after my collegue, professor, Dr. Arvid Barševskis (Daugavpils, Latvia), in respect of his great contribution to the study of Coleoptera of the Philippines.

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