

**Two new species of the genus *Callimetopus* Blanchard, 1853
(Coleoptera: Cerambycidae) from Luzon Island**

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Abstract: Two new species of the genus *Callimetopus* Blanchard, 1853 (Coleoptera: Cerambycidae) from Luzon Island (The Philippines) are described and illustrated: *C. anichtchenkoi* **sp. n.** and *C. shavrini* **sp. n.** The genus now includes 38 described species.

INTRODUCTION

The genus *Callimetopus* Blanchard, 1853 (Coleoptera: Cerambycidae) is a long-horned beetle not well studied genus, which belongs to the species rich subfamily Lamiinae and tribe Pteropliini. Last revision, which includes 25 species of this genus and the key, was published by Breuning (1962). The key in Breuning (1962) included four species (*C. principalis* Heller, 1924, *C. superbus* Breuning, 1947, *C. pulchellus* Schultze, 1922 and *C. gloriosus* Schultze, 1922), which later were transferred by Vives (2005) to the genus *Acronia* Westwood, 1863.

In next years after Breuning (1962) 15 taxa of *Callimetopus* were described: *C. paracasta* Breuning, 1965, *C. mindanaoensis* Breuning, 1980, *C. siargoanus mindanaonis* Breuning, 1980, *C. vivesi* Breuning, 1981, *C. longior* Hüdelpohl, 1990, *C. samarensis* Vives, 2012, *C. acerdentibus* dela Cruz & Adorada, 2012, *C. niveuseta* dela Cruz & Adorada, 2012, *C. stanleyi* dela Cruz & Adorada, 2012, *C. mindorensis* dela Cruz & Adorada, 2012, *C. cretumus* dela Cruz & Adorada, 2012, *C. pectoralis* dela Cruz & Adorada, 2012, *C. bilineatus* Vives, 2015, *C. danilevskyi* Barševskis, 2015, *C. lazarevi* Barševskis, 2015 (Barševskis et al (eds.) 2015). Later, two species of this list (*C. mindanaoensis* Breuning, 1980, *C.*

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vivesi Breuning, 1981) were transferred to the genus *Faustabryna* Breuning, 1961 (Vives 2014). Dela Cruz & Adorada (2012) published key for 19 species of *Callimetopus* of the Philippines, and described genital structures for members of this genus for the first time.

Species of the genus *Callimetopus* are distributed in the Oriental region and was represented by 36 species: 30 species are known from the Philippine archipelago, *C. rhombiferus* (Heller, 1913) from Panay Island in the Philippines, 2 species (*C. pantherinus* Blanchard, 1853 and *C. litturatus* Aurivillius, 1926) from the Moluccas, *C. nigritarsis* Pascoe, 1865 from Moluccas and Malaysia, *C. paracasta* Breuning, 1965 from Borneo island, and 1 species from Celebes and Malaysia. Barševskis (2015c) described two new species (*C. danilevskyi* Baševskis, 2015 and *C. lazarevi* Barševskis, 2015) of this genus and published new data about distribution of *C. ornatus* Schultz, 1934.

In recent years, the beetle fauna of the Philippine arcipelago has been intensively investigated. Over the last three years are published a lot of taxonomic papers with descriptions of new species of Cerambycidae from the Philippines (Vives 2012a, 2012b, 2013, 2014a, 2014b, 2015a, 2015b; Barševskis 2013, 2014a, 2014b, 2014c, 2014d, 2015a, 2015b; 2015c Barševskis & Jaeger 2014).

In this paper two new species of the genus *Callimetopus* from the Luzon Island (Philippines) are described and illustrated. The genus now includes 38 described species. This study is a part of revision of the genus *Callimetopus*, which started in this year by me.

MATERIAL AND METHODS

The studied material is deposited in the beetles collection of Daugavpils University, Institute of Life Sciences and Technology, Coleopterological Research Centre (Ilgas, Daugavpils Distr., Latvia) (DUBC). All specimens have been collected in the Philippines by local collectors.

The laboratory research and measurements have been performed using *Nikon* AZ100, *Nikon* SMZ745T and *Zeiss* Stereo Lumar V12 digital stereomicroscopes, NIS-Elements 6D software,

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Canon 60D and *Canon 1 Ds Mark II* cameras. The map of the Philippine archipelago (Fig. 1) have been drawn using the software *ArcGis 10*.

RESULTS

Callimetopus anichtchenkoi sp. n.

(Fig. 2)

Type material. Holotype, female, Philippines, Luzon Isl., Mt. Province, 06.2013, local collector leg. (DUBC).

General distribution: Philippines: Luzon Isl. (Fig. 1).

Description. Body red brown, with very light luster and yellow brown pubescence, evenly covered surface of body. Length: 16.5 mm, width: 6.2 mm.

Head flat, wide, with almost parallel sides, with slightly convex eyes and slightly widened cheeks. Surface of head evenly covered with yellow brown pubescence, with sparse brown dots. Head between eyes and antennal bases with thin longitudinal keel. Labrum pubescent, with yellow brown hairs, which relatively longer than that on other parts of head. Clypeus brown, transverse, with light luster and long yellow brown pubescence. Mandibles glossy, slender, moderately narrow and sharp. Antennae red brown and relatively short, covered by dense yellow brown pubescence; 1st antennomere thickened, with sparse coarse brown punctures between pubescence; 3rd antennomere longer than 4th; remaining antennomeres brown, in anterior part slightly darkened.

Pronotum almost cylindrical, with acute basal angles, red brown, with yellow brown evenly covered pubescence, with coarse punctation. Basal part of dorsal disc of pronotum with distinct smooth middle line, reaching middle length of pronotum. Anterior ventro - lateral pair of spines sharp, extended. Antero - lateral humps of pronotum very small, almost invisible. Scutellum small, rounded apically.

Elytra red brown, glossy, flattened dorsally, without visible humps behind shoulders, finely punctate. Basis of elytra concaved at shoulders. Entire surface of elytra evenly covered with yellow red pubescence. Each elytron behind middle with slightly visible unclear

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narrow pale line and with several small pale spots with similar pubescence. Apical part of elytra along suture with narrow flat keel-shaped elevation. Apex of elytra rounded, without visible projections, with many long hairs.

Bottom side of body covered with dense yellow brown pubescence. Legs red-brown, slightly glossy, covered with red-brown and brown dense pubescence. Tarsomeres brown, covered with pale pubescence.

Differential diagnosis. The new species differs from other described species of the genus *Callimetopus* by red brown coloration of body and yellow brown pubescence, which evenly covered the surface of body. Other *Callimetopus* species with different coloration of the body and another features of the pubescence.

Etymology. This species is named after my colleague and friend, carabidologist Alexander Anichtchenko (Daugavpils, Latvia) in appreciation of cooperation and support.

Callimetopus shavrini sp. n.

(Fig. 3)

Type material. Holotype, female, Philippines, Luzon Isl., Sierra Madre, Quirino, 06.2013, local collector leg. (DUBC).

General distribution: Philippines: Luzon Isl. (Fig. 1).

Description. Body black, with light luster and white pubescence, unevenly distributed on surface of body. Length: 21.8 mm, width: 7.5 mm.

Head flat, wide, with almost parallel sides, with slightly convex eyes and slightly widened cheeks. Surface of head, except anterior part, with uneven white pubescence, with sparse black dots. Head between eyes and antennal bases with thin longitudinal keel. Labrum with brown and pale pubescence. Clypeus red brown, transverse, with light luster. Mandibles glossy, curved inwards apically, sharp. Antennae black and short. First antennomere thickened, with white uneven pubescence and dense coarse punctures; 3rd antennomere longer than 4th, with light white pubescence basally; remaining antennomeres black.

Pronotum almost cylindrical, with acute basal angles, black, with white uneven pubescence, with sparse and coarse punctation.

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Anterior parts of dorsal disc of pronotum smooth, with indistinct black spot, without pubescence. Anterior ventro - lateral pair of spines sharp, extended. Antero - lateral humps visible, slightly extended. Scutellum small, with line of dense white pubescence laterally.

Elytra black, glossy, flattened dorsally, with small slightly visible humps behind shoulders, finely punctate. Basis of elytra concaved at shoulders. Entire surface of elytra unevenly covered with white pubescence (some places of elytral pubescence of holotype loss). Each elytron with two irregular black smooth spots, without pubescence: first spot located at shoulder area, second spot in apical part of elytra. Apical part of elytra along suture with narrow flat keel-shaped elevation. Apex of elytra subtruncate, with visible projections and with many long hairs.

Bottom side of body covered with dense white pubescence, with small black dots. Legs black, slightly glossy, covered with pale dense pubescence, with black small spots. Tarsomeres black, covered with pale and black pubescence.

Differential diagnosis. The new species differs from other species of the genus *Callimetopus* by white unicoloured pubescence, which unevenly covered the surface of body. Pubescence of other species different, it is often bicoloured.

Etymology. This species is named after my colleague and friend, staphylinidologist Alexey Shavrin (Daugavpils, Latvia) in appreciation of cooperation and support.

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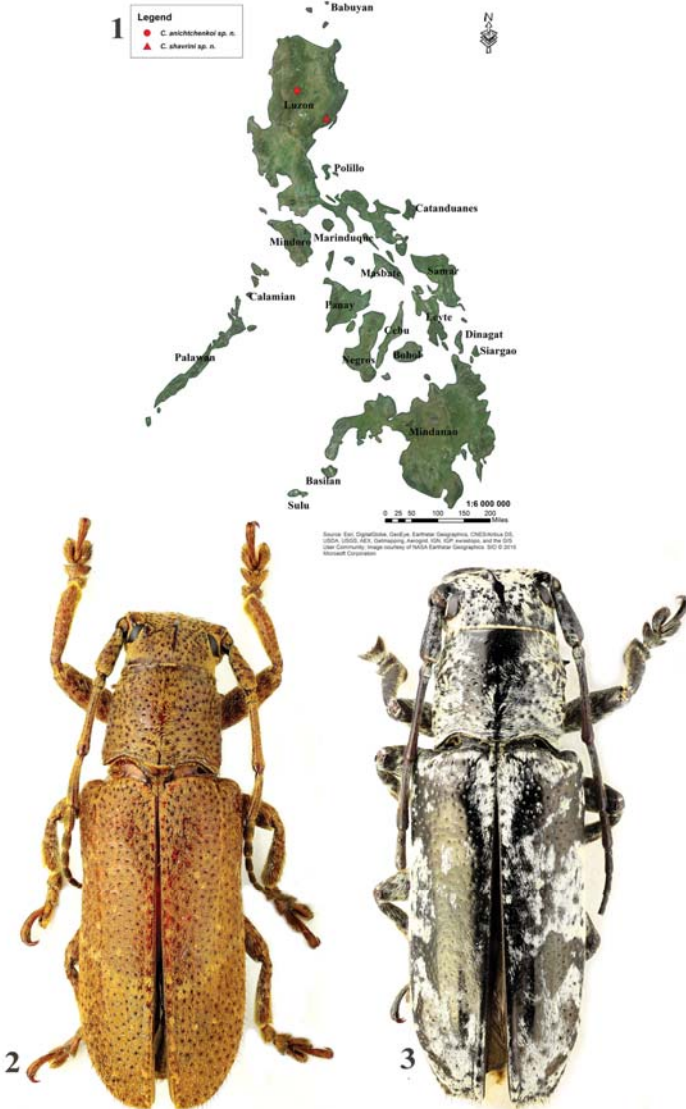


Fig. 1. Distribution of *C. anichtchenkoi* sp. n. and *C. shavrini* sp. n.

Fig. 2. *Callimetopus anichtchenkoi* sp. n.

Fig. 3. *Callimetopus shavrini* sp. n.

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