

***Orphinus* (s. str.) *curtus* sp. n. from Sumatra
(Coleoptera: Dermestidae: Megatominae)**

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Abstract. *Orphinus* (s. str.) *curtus* sp. nov. from Sumatra is described, illustrated and compared with similar species.

Key words. Taxonomy, new species, description, Coleoptera, Dermestidae, *Orphinus*, Sumatra.

Introduction

Dermestidae is one of common beetle families currently containing 58 genera and about 1420 species and subspecies worldwide (Mroczkowski 1968, Háva 2003, 2007, 2012).

In recently collected material from the Oriental Region I found a new species belonging to the genus *Orphinus* Motschulsky, 1858 from Sumatra: Bukit Barisan Selatan National Park. The park covers an area of 3,568 km² and spans three provinces, Lampung, Bengkulu and South Sumatra. Together with Gunung Leuser and Kerinci Seblat national parks it forms a World Heritage Site, Tropical Rainforest Heritage of Sumatra. A description of the new species is presented below.

Material and methods

The size of the beetles or of their body parts can be useful in species recognition, and therefore the following measurements were made:

Total length (TL) - linear distance from anterior margin of pronotum to apex of elytra.

Elytral width (EW) - maximum linear transverse distance.

Abbreviation:

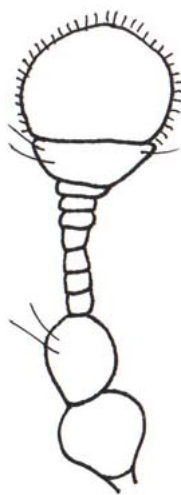
JHAC Private Entomological Laboratory & Collection, Únětice u Prahy, Prague-West, Czech Republic.

Systematics

***Orphinus* (s. str.) *apicalis* Pic 1918**

Material examined. S Sumatra, Lampung prov., Bukit Barisan Selatan N.P., 5 km SW Liwa, 7-17.ii.2000, D. Hauck lgt., 2 spec., (JHAC).

Distribution. Species known from Indonesia (Java, Sumatra) and the Philippines (Luzon).



Figs 1-2. *Orphinus curtus* sp. n., holotype: 1- dorsal habitus, 2- antenna.

***Orphinus* (s. str.) *curtus* sp. n.**
(Figs 1-2)

Type material. Holotype ♀: S Sumatra, Lampung prov., Bukit Barisan Selatan N.P., 5 km SW Liwa, 7-17.ii.2000, D. Hauck lgt. Deposited in (JHAC). Paratypes 3 ♀♀: West Sumatra, Harau Valey env., 20 km N of Payakumbuh, 600m, v.2007, St. Jákl lgt. Type material deposited in (JHAC). It bears a red, printed label stating: "HOLOTYPE *Orphinus* (s. str.) *curtus* sp. nov. J. Háva det. 2012".

Description. Body black and reddish on dorsum, black on venter; generally small and oval, TL 1.5-2.0 mm, EW 0.9-1.2 mm. Head finely punctate with a short, recumbent, yellow pubescence. Palpi brown; pubescence on mentum denser. Eye very large, with brown setae. Ocellus on front present. Antennae brown with yellow setae, 11-segmented, antennal club 2-segmented, terminal antennal segment small, circular (Fig. 2). Pronotum black, disc punctate as head, densely foveolate posteriorly, with short, recumbent, yellow pubescence. Scutellum triangular, without pubescence. Elytra finely punctate; humerus with one small bump; elytral surface with short, recumbent yellow pubescence; cuticle reddish with large V-shaped black spot (Fig. 1). Epipleuron brown, anteriorly broad, finely punctate, with short, yellow pubescence. Legs brown with yellow pubescence. Mesosternum coarsely punctate laterally, otherwise finely punctate, covered by short, recumbent, yellow pubescence. Abdominal ventrites with short, recumbent, yellow pubescence.

Male unknown.

Differential diagnosis. The new species differs from all others in the genus by the very

characteristic, unmistakable elytral fasciae and structure of antennae. To date there is no known species with a color pattern? -ale podle nasledujiciho klíče tomu tak není! on the elytra. From other known Sumatran species it differs by the following characters:

- 1(2) Elytra unicolored, black, with apical spot of yellow pubescence. *Orphinus obliteratus* Pic 1927
- 2(1) Elytra bicolored.
- 3(4) Elytra reddish, with a large V-shaped black spot. *Orphinus curtus* sp. n.
- 4(3) Elytra black or dark brown with reddish or reddish orange fasciae or spots.
- 5(6) Each elytron with one narrow, transverse, reddish band and a large apical spot... *Orphinus apicalis* Pic 1918
- 6(5) Each elytron with one reddish spot in anterior half. *Orphinus diversus* (Pic 1928)

Etymology. The Latin adjective *curtus* (= incomplete) indicates incompleteness of one color on the elytra.

List of the *Orphinus* species known from Sumatra Isl.

Genus *Orphinus*

Subgenus *Orphinus* s. str.

Orphinus apicalis Pic 1918

Syn.: *Orphinus rufofasciatus* Pic 1924

Distribution: Indonesia (Java, Sumatra), Philippines (Luzon).

Orphinus curtus sp. n.

Distribution: Sumatra

Orphinus diversus (Pic 1928)

Distribution: Sumatra

Orphinus obliteratus Pic 1927

Syn.: *Orphinus apicalis* var. *obliteratus* Pic 1927

Distribution: Sumatra

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