

ARTIGO / ARTÍCULO / ARTICLE

Orphinus (Orphinus) baliensis sp. nov., a new species from Bali Isl. (Coleoptera: Dermestidae: Megatominae).

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Abstract: The species *Orphinus (Orphinus) baliensis* sp. nov. (Coleoptera: Dermestidae: Megatominae) from Indonesia: Bali Isl. is described, illustrated and compared with similar species.

Key words: Coleoptera, Dermestidae, Megatominae, *Orphinus*, taxonomy, new species, Bali Isl., Indonesia.

Resumen: *Orphinus (Orphinus) baliensis* sp. nov., una nueva especie de Bali (Coleoptera: Dermestidae: Megatominae). Se describe e ilustra la especie *Orphinus (Orphinus) baliensis* sp. nov. (Coleoptera: Dermestidae: Megatominae) de la isla de Bali (Indonesia) y se compara con especies similares.

Palabras clave: Coleoptera, Dermestidae, Megatominae, *Orphinus*, taxonomía, especie nueva, Bali, Indonesia.

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Introduction

The dermestid genus *Orphinus* Motschulsky, 1858 currently contains 116 species worldwide (Háva 2015a). In the present article is described a new species collected by Czech entomologists in Indonesia: Bali Isl. The article is a continuation of a series of previous articles about the *Orphinus* species from the Oriental Region (Háva 2012, 2013a, b, 2014, 2015 b, c, 2016 a, b, Háva & Kadej 2014, 2016, Herrmann & Háva 2014, 2015, Kadej & Háva 2004, Kitano 2013, Kitano & Háva 2013).

Material and methods

The size of the beetles and of their body parts can be useful in species recognition and thus 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.

Deposition of type material: JHAC - Jiří Háva, Private Entomological Laboratory & Collection, Únětice u Prahy, Prague-West, Czech Republic.

Specimens of the presently described species are provided with red, printed labels with the text as follows: "HOLOTYPE [or PARATYPE, respectively] *Orphinus (Orphinus) baliensis* sp. nov. Jiří Háva det. 2016".

All the colour photographs were taken with a Nikon Coolpix 990 digital camera through an MBS-10 binocular stereo microscope.

Results

Orphinus (Orphinus) baliensis sp. nov. (Figs. 1-5)

Type material. Holotype (♂): Indonesia, Bali Isl., Tamblingan lake, 2-17.2.2004, 1000-1500 m, St. Jákł lgt. (JHAC). Paratypes (7♂♂, 3♀♀): the same data as Holotype, (JHAC).

Description.

Male. Body parallel and oval, TL 2.1 mm, EW 1.4 mm. Head, pronotum, scutellum and elytra black, shiny, each elytron black with grey fasciae (Fig. 1), black on venter. Head finely punctate with long, recumbent, grey setation. Palpi brown; setation on mentum denser. Eyes large, with yellow microsetae. Ocellus on front present. Antennae brown with yellow setae, with 11 antennomeres, antennal club with 2 antennomeres, terminal antennal segment oval (Fig. 2). Pronotum black, disc finely punctate, densely foveolate posteriorly, with long, recumbent, grey setae. Scutellum black, triangular, without setation. Elytra finely punctate; humerus with one small bump; elytral surface with long, recumbent grey and brown setation; grey setation forming fasciae (Fig. 1). Epipleuron black, anteriorly broad, coarsely punctate, with short, grey setation. Legs brown with grey setation. Mesosternum coarsely punctate laterally, otherwise finely punctate, covered by long, recumbent, grey setation. Pygidium dark brown to black, with grey setation. Abdominal visible ventrites black, with long, recumbent, grey setation. 9th ventrite as in Fig. 4. Male genitalia as in Fig. 3.

Female. Similar externally to male, but differs by small, circular antennomere.

Variability. Body TL 2.1-2.4 mm, EW 1.3-1.4 mm. Type material includes specimens covered by golden-grey setation.



Figs. 1-4.- *Orphinus (Orphinus) baliensis* sp. nov.: 1.- Habitus, dorsal aspect. 2.- Antennae of male. 3.- Male genitalia. 4.- 9th sternite.

Differential diagnosis. The new species is similar to *O. tabitha* Arrow, 1915 (Sri Lanka, south India) and *O. subfasciatus* Pic, 1927 (the Philippines) but differs from them by the following characters:

- | | |
|--|---------------------------------------|
| 1(4) Each elytron with two fasciae with white setation. | |
| 2(3) Anterior elytral fascia not forming loop; terminal antennomere circular..... | <i>O. (O.) tabitha</i> Arrow, 1915 |
| 3(2) Anterior elytral fascia forming loop; terminal antennomere oval..... | <i>O. (O.) baliensis</i> sp. nov. |
| 4(1) Each elytron with three fasciae with white setation; terminal antennomere circular..... | <i>O. (O.) subfasciatus</i> Pic, 1927 |

Etymology. The species epithet is derived from the name of the island where the specimens was collected - Bali Isl.



Fig. 5.- Type locality of *Orphinus (Orphinus) baliensis* sp. nov.

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