

Contribution to the Dermestidae (Coleoptera) from Naturhistorisches Museum Basel – II. *Orphinus* (*Orphinus*) *thailandicus* sp. nov. from Thailand

JIŘÍ HÁVA

Private Entomological Laboratory and Collection, Rýznerova 37/37, CZ-252 62, Únětice u Prahy, Praha-západ, Czech Republic; e-mail: jh.dermestidae@volny.cz

HÁVA J. 2012. CONTRIBUTION TO THE DERMESTIDAE (COLEOPTERA) FROM NATURHISTORISCHES MUSEUM BASEL – II. *ORPHINUS* (*ORPHINUS*) *THAILANDICUS* SP. NOV. FROM THAILAND. – *Latvijas Entomologs* 51: 58-62.

Abstract: *Orphinus* (*Orphinus*) *thailandicus* sp. nov. from Thailand is described, illustrated and compared with related species. New faunal records on Oriental Dermestidae are given.

Key words: Coleoptera, Dermestidae, *Orphinus*, new species, Oriental region.

Introduction

During determination process of material from the collection of Naturhistorisches Museum Basel, Switzerland, and additional material from the author's collection, I found hitherto undescribed species of Dermestidae (Coleoptera) from Thailand.

The present article follows of the preceding article published by the author (2008).

Methods

The size of specimens or 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.

The following abbreviations are used:

JHAC – Private Entomological Laboratory & Collection, Jiří Háva, Prague, Czech Republic;

NHMB – Naturhistorisches Museum Basel, Switzerland.

Taxonomical and fauna part

Subfamily Megatominae

Tribe Megatomini

Orphinus (Orphinus) thailandicus sp. nov. (Figs 1-4)

Holotypus ♂ NHMB: Thailand, Chiang Mai prov., San Pakia, 1400 m, 19°19'N 98°50'E, 1-15.v.1998, Vít Kubáň leg.

Paratypes: 13 specimens NHMB: the same data as holotype; 3 specimens JHAC: NW Thailand, Chiang Mai prov., Ban San Pakia, 1700 m, 7.v.1996, Sv. Bílý lgt.; 1 specimen JHAC: NW Thailand, Chiang Mai, Doi Suthep to Doi Pui, 19-23.iv.1991, J. Horák lgt.; 2 specimens JHAC: NE Thailand, Loei prov., Phu Rua N.P., 1100 m, 9.iv.1999, M. Říha lgt.; 17 specimens JHAC: NE Thailand, Loei prov., Phu Rua NP, 17°30'N, 101°21'E, 6-9.iv.1999, D. Hauck lgt.

Each type specimen of the presently described species is provided with a red, printed label with text as follows: „HOLOTYPE [or PARATYPE, respectively] *Orphinus (Orphinus) thailandicus* sp. n. Jiří Háva det. 2009”.

Derivatio nominis: Named after the country from where the holotype was collected.

Measurements (mm): TL 3.30-4.0 EW 2.10-2.63.

Description: Body from dark brown to black on dorsal and ventral surfaces; generally large and slightly elongate. Head finely punctate with long yellow pubescence. Palpi brown; pubescence on mentum denser. Eyes very large with brown

setae. Ocellus on front present medially. Antennae brown with yellow setae, 11-segmented, antennal club 3-segmented, terminal antennal segment large, circular (Fig. 3). Pronotum on the disc punctate like head, densely foveolate posteriorly, with long yellow pubescence. Scutellum triangular without short yellow pubescence. Elytra densely foveolate with short yellow and black pubescence; cuticle from brown to black, with orange-reddish fasciae. Anterior fascia (Fig. 1) is broad extend from lateral margin of elytra, through the under humeral calli, to near suture but not reaching the suture, fascia on apex is large, reaching the suture (Fig. 2). Orange reddish patterns covered by yellow pubescence other part black pubescence. Wing as in fig 5. Legs brown with short yellow pubescence. Prosternum very broad, prosternall proces long, coarsely punctate. Mesosternum coarsely punctate laterally, otherwise finely punctate. Abdominal sternites with short yellow pubescence. Pygidium covered by yellow, short pubescence. Male genitalia - Fig. 4.

Sexual dimorphism: Female externally similar to the male, differs from it by the form of terminal antennomere, the antennomere is very small and circular.

Differential diagnosis: The new species externally very

similar to the two species *O. (O.) changdoi* KADEJ et KITANO, 2010 and *O. (Falsoorphinus) mroczkowski* HÁVA et KADEJ, 2006 from Korean Peninsula, but differs from them by the following characters:

O. (O.) thailandicus sp. nov.: body length 3.3-4.0 mm, oval; male terminal antennal segment very small, circular; *O. (O.) changdoi* KADEJ et KITANO, 2010: body length 1.75-2.55 mm, oval strongly convex; male antennal segment large, broadly oval;

O. (F.) mroczkowski HÁVA et KADEJ, 2006: terminal antennal segment of male narrow;

From other known species *O. thailandicus* sp. nov. differs by the colour of elytral patterns, structure of male and female antennae and male genitalia.

***Orphinus (Orphinus) tonkineus* PIC, 1922**

Material examined 1 specimen NHMB: Vietnam N, Huangson prov., Hasonbinh, 26-29.04.1991, J. Strnad lgt., J. Háva det.

Distribution: Species was previously known only from Vietnam, new locality data.

***Orphinus (Orphinus) infasciatus* PIC, 1926**

Material examined 2 specimens NHMB & JHAC: Philippines, 200 m, SW Panay, 8 km

E of Bontol, 10-11.12.1990, Bolm lgt., J. Háva det.

Distribution: Species was previously known only from the Philippines (Luzon), new locality data.

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1



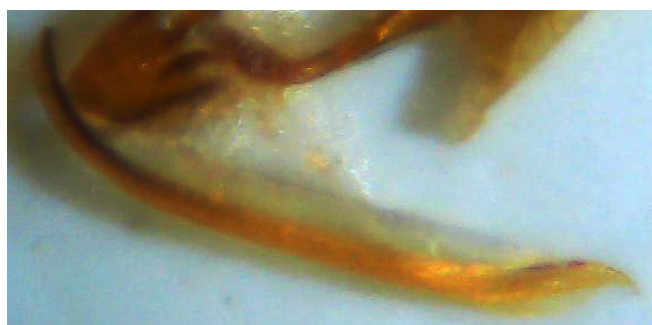
2



3



4a



4b

Figures 1-4. *Orphinus (Orphinus) thailandicus* sp. nov., paratype ♂: 1-2 - elytral markings; 3 - right antenna, 4a-4b - aedeagus (a - parameres, b - medial lobe in lateral view).

Pic M. 1922. Nouveautés diverses. – *Mélanges Exotico-Entomologiques* **36**: 1-32.

Pic M. 1926. Nouveautés diverses. – *Mélanges Exotico-Entomologiques* **45**: 1-32.

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