

**Study of the genus *Orphinus* Motschulsky, 1858.
Part 6 - description of a new species from Vietnam with new
nomenclatural acts
(Coleoptera: Dermestidae: Megatominae)**

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Abstract. The new species *Orphinus* (*Orphinus*) *votrubai* sp. nov. from Vietnam is described, illustrated and compared with similar species. The subgenus *Picorpinus* Háva, 2008 stat. nov. is newly stated as an independent genus with two described species *Picorpinus guernei* (Pic, 1916) comb. nov., *Picorpinus tenebrosus* (Háva, 2022) comb. nov.

INTRODUCTION

The dermestid genus *Orphinus* Motschulsky, 1858 currently contains three subgenera *Curtorphinus* Pic, 1954, *Orphinus* s. str. and *Picorpinus* Háva, 2008 with 198 species worldwide (Háva 2020, 2021a,b, 2022a,b). According to morphological characters described the subgenus *Picorpinus* Háva, 2008 is stated here as an independent genus with two described species. In the present article a new species recently collected in north Vietnam is described.

MATERIAL AND METHODS

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

TL total length - linear distance from anterior margin of pronotum to apex of elytra.

EW elytral width - maximum linear transverse distance.

Holotype specimen deposited in JHAC - Private Entomological Laboratory & Collection, Jiří Háva, Únětice u Prahy, Prague-West, Czech Republic.

Specimen of the presently described species is provided with red, printed label with the text as follows: "HOLOTYPE *Orphinus* (*Orphinus*) *votrubai* sp. nov. Jiří Háva det. 2022".

RESULTS

Genus *Orphinus* Motschulsky, 1858

***Orphinus* (*Orphinus*) *votrubai* sp. nov.**

(Figs. 1-4)

Type material. Holotype (♂): „N-Vietnam, Cuc Phuong NP, v.2020, local collector lgt.“, (JHAC).

Description. Male. Body oval, TL 2.1 mm, EW 1.3 mm. Head, pronotum, scutellum brown and elytra dark brown with one transverse light brown fascia and orange apical part, shiny (Figs. 1-2),

brown on venter. Head finely punctate with short, recumbent, grey setation. Palpi brown; setation on mentum denser. Eyes extremely very large, with yellow microsetae. Ocellus on front present. Antennae with 11 antennomeres, antennal club with 2 antennomeres, terminal antennomere large slightly triangular (Fig. 3) covered by black setation. Antennomeres I, X-XI dark brown, II-IX light brown. Pronotum narrow, brown, disc finely punctate, densely foveolate posteriorly, with short, recumbent, grey setation. Scutellum dark brown, triangular, without setation. Elytra dark brown with one light brown transverse spot in anterior half and light brown apical part, finely punctate; humerus with one small bump; elytral surface with long, recumbent brown setation, orange parts with grey setation. Epipleuron light brown, anteriorly broad, coarsely punctate, with short, grey setation. Legs light brown, with grey setation. Mesosternum coarsely punctate laterally, otherwise finely punctate, covered by short, recumbent, grey setation. Pygidium brown, with brown setation. Visible abdominal ventrites dark brown, with short, recumbent, grey setation. Male genitalia (Fig. 4).

Female. Unknown.

Differential diagnosis. The new species externally similar to *O. coratensis* Háva, 2022 and *O. burmanicus* Háva, 2013, but differs from them by the structure of antennae, male genitalia and arrangement of elytral spots.

Etymology. Patronymic, dedicated in memoriam to my friend Petr Votruba (*1966-†2022), specialist in Cicindelidae and Helotidae.



Figs. 1-4. *Orphinus* (*O.*) *votrubai* sp. nov.: 1-habitus, dorsal; 2-habitus, dorso-lateral; 3-antenna; 4-male genitalia.

Genus *Picorpinus* Háva, 2008 stat. nov.

Type species: *Orpinus guernei* Pic, 1916: 16.

Remarks. According to originally described morphological characters (Háva 2008), is the subgenus here newly stated as independent genus *Picorpinus* stat. nov. with following two species.

Picorpinus guernei (Pic, 1916) comb. nov.

Orpinus guernei Pic, 1916: 16.

Orpinus (*Picorpinus*) *guernei*: Háva, 2008: 60.

Orpinus (*Picorpinus*) *guernei*: Háva, 2022b: 25.

Distribution: Sri Lanka; Vietnam.

Material examined: Holotype from Sri Lanka, 1 spec. from Vietnam.

Picorpinus tenebrosus (Háva, 2022) comb. nov.

Orpinus (*Picorpinus*) *tenebrosus* Háva, 2022b: 29.

Distribution: Thailand.

Material examined: Holotype.

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