

***Orphinus (Orphinus) saundersi* sp. nov. from Singapore  
(Coleoptera: Dermestidae: Megatominae)**

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**Taxonomy, new species, Coleoptera, Dermestidae, Megatominae, *Orphinus*, Singapore**

**Abstract.** *Orphinus (Orphinus) saundersi* sp. nov. from Singapore is described, illustrated and compared with related species.

## INTRODUCTION

The genus *Orphinus* Motschulsky, 1858 currently includes nearly 100 species worldwide (Háva 2015, Herrmann & Háva 2015). During the determination of some Dermestidae material deposited in British Natural History Museum, London, Great Britain, I found a new species from Singapore as described below. It has been the smallest species of the genus *Orphinus* Motschulsky, 1858.

## MATERIAL AND METHODS

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 holotype specimen is provided with a red, printed label showing the text: "HOLOTYPE *Orphinus (Orphinus) saundersi* sp. nov. Jiří Háva det. 2015".

## DESCRIPTION

***Orphinus (Orphinus) saundersi* sp. nov.**

(Figs. 1-3)

**Type material.** Holotype (♂): „Singapore. C. J. Saunders. B.M.1929-369.” „Bal. Rd. Bark 25-6.22” [red handwritten]. Holotype deposited in British Natural History Museum, London, Great Britain.

**Description.** Body very small and oval (Fig. 1). Head and pronotum darkish-brown, elytra, antennae and legs light brown. Body measurements (mm): TL 1.2 EW 0.8. Head finely punctate with long yellow setation. Palpi light brown; setation on mentum denser. Eyes large with yellow microsetae. Ocellus on front present. Antennae light brown with brown setae, composed of 11 antennomeres, antennal club with 2 antennomeres, terminal antennomere large (Fig. 2). Pronotum on the disc punctate like head, densely foveolate posteriorly, with long yellow setation.

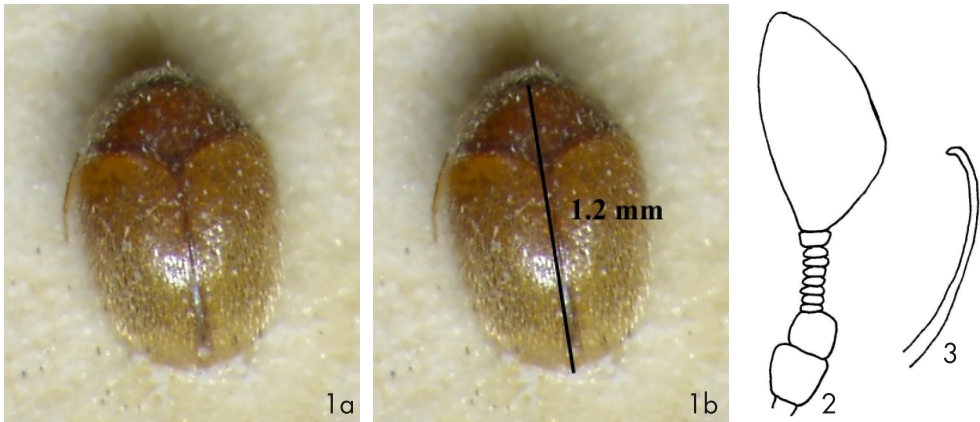
Scutellum triangular, without setation. Elytra densely punctate with long yellow setation; cuticle light-brown without patterns of differently colored setation. Legs light brown with light-brown setation. Mesosternum coarsely punctate laterally, otherwise finely punctate, covered by yellow recumbent setation. Abdominal sternites with short yellow, recumbent setation. Male genitalia: parameres deformed, median lobe, lateral view as in (Fig. 3).

Female unknown.

**Differential diagnosis.** The new species is very characteristic by its very small and oval brown body form and structure of antennae and male genitalia making possible its differentiation from other known *Orphinus* species.

**Etymology.** Patronymic, dedicated to the collector of the new species C. J. Saunders.

**Distribution.** Singapore.



Figs. 1-3. *Orphinus (Orphinus) saundersi* sp. nov.: 1- habitus, dorsal aspect; 2- antennal club of male; 3- median lobe of aedeagus, lateral aspect.

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## REFERENCES

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