

A new *Cryptorhopalum* Guérin-Méneville, 1838 species from French Guiana (Coleoptera: Dermestidae: Megatominae)

Jiří HÁVA

Private Entomological Laboratory & Collection,
Rýznerova 37/37, CZ-252 62 Únětice u Prahy, Prague-west, Czech Republic
e-mail: jh.dermestidae@volny.cz

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Abstract. The new species *Cryptorhopalum sincerum* sp. nov. from French Guiana is described, illustrated and compared with the similar species *Cryptorhopalum impressum* (Pic, 1936).

INTRODUCTION

The dermestid genus *Cryptorhopalum* Guérin-Méneville, 1838 currently contains 185 species distributed in the Nearctic and Neotropical Regions (Háva 2023, Háva & Hodeček 2023); there are 14 species recorded from French Guiana (Háva 2023). In the present article a new species from French Guiana is described and compared with similar species.

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.

Type material deposited in the following collection:

JHAC Jiří Háva, Private Entomological Laboratory & Collection, Únětice u Prahy, Prague-west, Czech Republic.

Type specimens were provided with printed, red labels: "HOLOTYPE [or PARATYPE] *Cryptorhopalum sincerum* sp. nov. Jiří Háva det. 2023".

TAXONOMY

Genus *Cryptorhopalum* Guérin-Méneville, 1838

***Cryptorhopalum sincerum* sp. nov.**

(Figs. 1-3)

Type material. Holotype (♂): „Guyana Francesa, Piste de Bélizon PK 4.5, Piège interception (vitre), 1-30.ix.2016, J. L. Giuglaris leg., (JHAC). Paratypes (20 ♂♂, 1 ♀): same data as holotype, (JHAC).

Description of holotype. Male. Body measurements (in mm): TL 3.6, EW 2.1. Dorsal integument black (Fig. 1), setation long, erect, black. Ventral integument dark brown, setation long, decumbent, black.

Head shiny black and coarsely punctured, covered with long, black erect setation. Palpomeres brown. Median frontal ocellus present. Eyes large with hardly visible short microsetae. Antennae brown, with short, black, setation, consisting of 11 antennomeres, antennal club with 3 antennomeres (Fig. 2). Antennal fossa closed.

Pronotum integument black with long, black, erect setation; finely punctured discally, coarsely on lateral parts. Anterior angles not visible from above.

Scutellum black, small, triangular and without punctation and setation.

Elytral integument black with long, black, erect setation; finely punctured as on the pronotum. Each pronotum with one humeral bump. Epipleuron short, black, with some black decumbent setae.

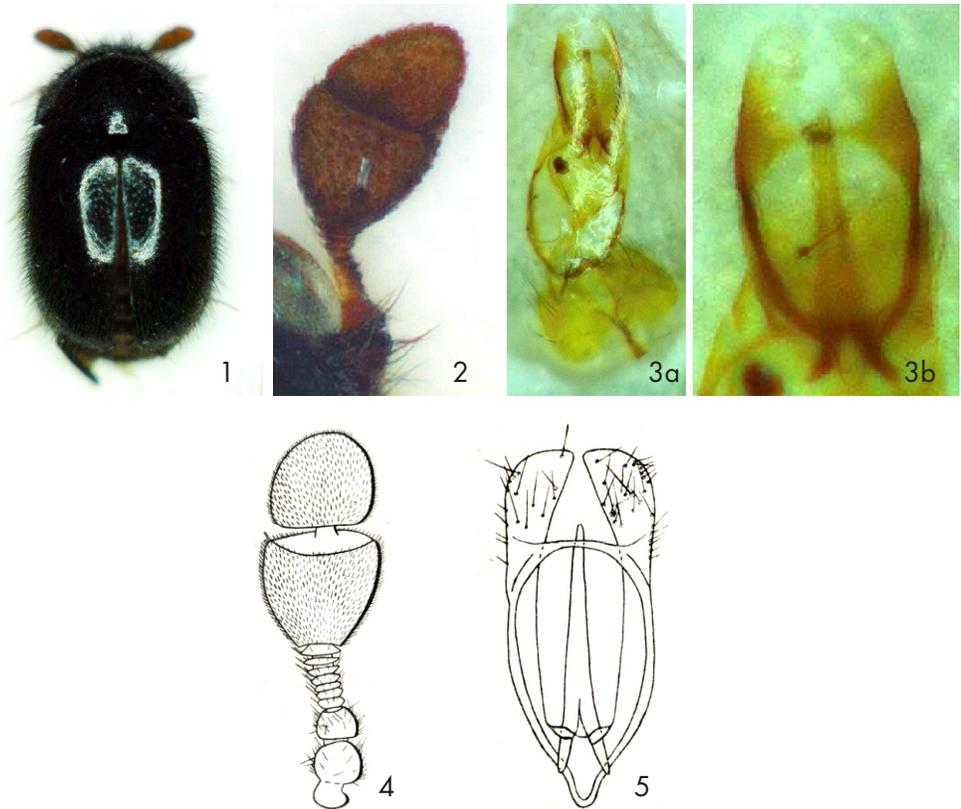
Metasternum coarsely punctate with black decumbent setation.

Abdominal visible ventrites shiny, brownish-black, densely and coarsely punctured, with long, black decumbent setation.

Legs: tarsi light brown, tibiae brown, femora brown, sparsely covered with very short and fine decumbent, black setae.

Male genitalia (Fig. 3).

Female. Externally similar to male, but antennomeres X-XI are small.



Figs. 1-5. *Cryptorhopalum sincerum* sp. nov.: 1- habitus, dorsal aspect; 2- antennae of male; 3- male genitalia; *Cryptorhopalum impressum* (Pic, 1936): 4- antenna of male; 5- male genitalia (according to Mroczkowski 1958).

Variability. Body from very dark brown to black, measurements (in mm): TL 3.0-3.7, EW 1.9-2.1.

Differential diagnosis. The new species according to large body form and very long setation is similar to *Cryptorhopalum impressum* (Pic, 1936) known from Brazil, but differs by the structure of the antennae and male genitalia.

Both species differ by the same characters from other known species of the „*Cryptorhopalum impressum* species group“.

Cryptorhopalum impressum (Pic, 1936)

= *Falsocryptorhopalum impressum* Pic, 1936: 2.

= *Hemirhopalum plaumanni* Mroczkowski, 1958b: 56.

Distribution: Brazil.

Cryptorhopalum sincerum **sp. nov.**

Distribution: French Guiana.

Etymology. From Latin *sincerum* (it means „unsullied“).

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