

## ARTIGO / ARTÍCULO / ARTICLE

A new species of *Hemirhopalum* Sharp, 1902 from French Guiana  
(Coleoptera: Dermestidae: Megatominae).

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**Abstract:** *Hemirhopalum baenai* sp. nov. (Coleoptera: Dermestidae: Megatominae) from French Guiana is described, illustrated and compared with similar species. All the known *Hemirhopalum* Sharp, 1902 species are listed.

**Key words:** Coleoptera, Dermestidae, Megatominae, *Hemirhopalum*, Taxonomy, new species, French Guiana.

**Resumen:** Una nueva especie de *Hemirhopalum* Geoffroy Sharp, 1902 de la Guayana Francesa (Coleoptera: Dermestidae: Megatominae). Se describe e ilustra la especie *Hemirhopalum baenai* sp. nov. (Coleoptera: Dermestidae: Megatominae) de la Guayana Francesa y se compara con especies similares. Se hace una lista de todas las especies conocidas de *Hemirhopalum* Sharp, 1902.

**Palabras clave:** Coleoptera, Dermestidae, Megatominae, *Hemirhopalum*, Taxonomía, nueva especie, Guayana Francesa.

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## Introduction

The genus *Hemirhopalum* Sharp, 1902 (Coleoptera: Dermestidae) belongs to the subfamily Megatominae, tribe Megatomini and currently includes 16 species worldwide (Háva 2014). Its occurrence is restricted to the Neotropical Region (Háva 2013, 2014; Herrmann & Háva 2013).

## Material and methods

Results of measurements are presented by using the following abbreviations:

EW - elytral width, maximum elytral width.

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

## Results

### *Hemirhopalum baenai* sp. nov. (Figs. 1-5)

**Type material.** Holotype (female): "Guyana Francesa, Piste de Bélizon PK 4,5, piège interception (vitre), 1-30.IX.2016, J.L. Giuglaris leg."

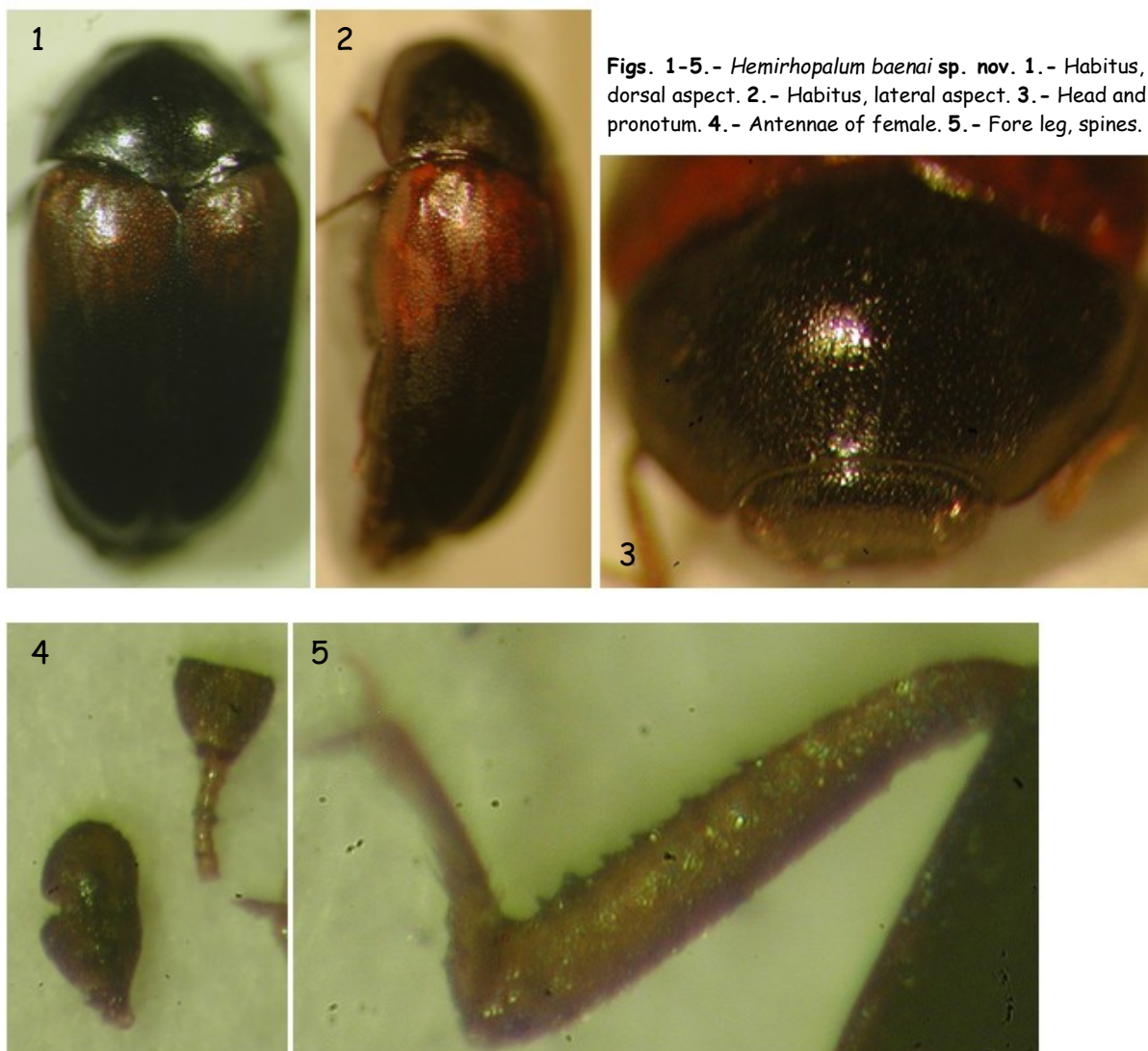
Holotype deposited in JHAC - Private Entomological Laboratory & Collection, Jiří Háva, Prague-west, Czech Republic.

The type specimen was labelled in red, with a printed label bearing the text as follows: "HOLOTYPE *Hemirhopalum baenai* sp. nov. Jiří Háva det. 2017".

**Description of holotype.**

Body measurements in mm: TL 4.1, EW 2.3. Body shiny black with reddish-brown elytral patterns, oblong oval, maximum width posteriorly to its middle (Fig. 1). Antennae with 11 antennomeres, dark brown; antennal club consisting of 2 antennomeres, clearly distinct, ovate and much broader than other antennomeres, covered by hardly visible procumbent pubescence and few solitary setae [antennae not complete] (Fig. 4). Ocellus on front present. Pronotum shiny black, quite densely and coarsely punctate (as head), almost twice as wide as long, narrowed anteriorly, broadest in its apical part, its distinct lateral margins completely visible from above; cuticle between punctuation shiny, covered by yellowish-grey, short, recumbent pubescence. Posterior angles almost rectangular, with rounded edge, completely visible from above; anterior angles obtusely angulate and also visible from above (Fig. 3). Elytra with much finer punctuation compared to pronotum, space between punctures bigger than puncture diameter; cuticle shiny, reddish-brown in anterior 1/4, other part black, with very short recumbent black microsetation. Epipleuron, short, reddish-brown. Prosternum and metasternum with short, yellowish setation. Abdominal visible ventrites black, with yellowish, short, recumbent setation, punctures in the middle sparse and fine, but increasing strongly in density and roughness towards lateral margins. Legs light brown, tibiae with small spines (Fig. 5).

Male unknown.



**Figs. 1-5.- *Hemirhopalum baenai* sp. nov.** 1.- Habitus, dorsal aspect. 2.- Habitus, lateral aspect. 3.- Head and pronotum. 4.- Antennae of female. 5.- Fore leg, spines.

**Differential diagnosis.** The new species is very similar to *Hemirhopalum brasiliense* Herrmann & Háva, 2013 but differs from it by the anterior reddish-brown part of elytra (orange-yellow anterior part with apical spot in *brasiliense*); from *Hemirhopalum bicolor* Sharp, 1902 differs by the 1/4 anterior reddish-brown part of elytra (3/4 yellowish part in *bicolor*). From all other species within the genus differs by the characteristic elytral colour and structure of antennae.

**Etymology.** Patronymic, dedicated to my friend and entomologist Manuel Baena (Córdoba, Spain).

**Distribution.** French Guiana.

#### List of all the known *Hemirhopalum* species

Species	Distribution
<i>Hemirhopalum alleni</i> Háva, 2013	Bolivia
<i>Hemirhopalum apicale</i> Pic, 1954	Peru
<i>Hemirhopalum baenai</i> sp. nov.	French Guiana
<i>Hemirhopalum bicolor</i> Sharp, 1902	Nicaragua
<i>Hemirhopalum brasiliense</i> Herrmann & Háva, 2013	Brazil
<i>Hemirhopalum buprestoide</i> Sharp, 1902	Guatemala
<i>Hemirhopalum clythraeforme</i> Sharp, 1902	Guatemala
<i>Hemirhopalum curtum</i> Pic, 1942	Bolivia
<i>Hemirhopalum cyaneum</i> Pic, 1927	Bolivia, Ecuador, Peru
<i>Hemirhopalum elongatum</i> Pic, 1942	Brazil
<i>Hemirhopalum hadrotomoide</i> Sharp, 1902	Mexico
<i>Hemirhopalum impressum</i> (Pic, 1936) Syn.: <i>Falsocryptorhopalum impressum</i> Pic, 1936 <i>Hemirhopalum plaumanni</i> Mroczkowski, 1958	Brazil
<i>Hemirhopalum laticolle</i> Pic, 1927	Peru
<i>Hemirhopalum longipenne</i> Pic, 1916	Brazil, Paraguay, Peru
<i>Hemirhopalum parasuturale</i> Háva, 2014	Ecuador
<i>Hemirhopalum pici</i> Háva, 2014	Paraguay
<i>Hemirhopalum testaceipes</i> Pic, 1936	Brazil

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#### References

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