

## ARTIGO / ARTÍCULO / ARTICLE

# *Cryptorhopalum sharpi* sp. nov., a new species from Ecuador (Coleoptera: Dermestidae: Megatominae).

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**Abstract:** *Cryptorhopalum sharpi* sp. nov. from Ecuador (Coleoptera: Dermestidae) is described, illustrated and compared with similar species, *Cryptorhopalum bicolor* Sharp, 1902 and *C. divisum* Sharp, 1902.

**Key words:** Coleoptera, Dermestidae, *Cryptorhopalum*, Taxonomy, description, new species, Ecuador.

**Resumen:** *Cryptorhopalum sharpi* sp. nov., una nueva especie de Ecuador (Coleoptera: Dermestidae: Megatominae). Se describe *Cryptorhopalum sharpi* sp. nov. de Ecuador (Coleoptera: Dermestidae), y se ilustra y compara con las especies similares *Cryptorhopalum bicolor* Sharp, 1902 y *C. divisum* Sharp, 1902.

**Palabras clave:** Coleoptera, Dermestidae, *Cryptorhopalum*, Taxonomía, descripción, nueva especie, Ecuador.

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## Introduction

The genus *Cryptorhopalum* Guérin-Ménéville, 1838 currently contains 161 species distributed in Holarctic and Neotropical Regions (Herrmann *et al.* 2015, Háva 2015). A new species recently collected in the Ecuadorian province of Pastaza is described here.

## Material and methods

The material is deposited in Jiří Háva's Private Entomological Laboratory & Collection, Únětice u Prahy, Prague-west, Czech Republic (JHAC). The following abbreviations of measurements were used:

Total length (TL) - linear distance from anterior margin of pronotum to apex of elytra.

Pronotal length (PL) - maximum length measured from anterior margin to posterior margin of the pronotum.

Pronotal width (PW) - maximum linear distance between lateral margins.

Elytral length (EL) - linear distance from shoulder to apex of elytron.

Elytral width (EW) - maximum linear transverse distance.

## Description

### *Cryptorhopalum sharpi* sp. nov. (Figs. 1-2)

**Type material.** Holotype (female) labelled as follows: "Ecuador, Pastaza Prov., 1000 m, 25 km N Puyo, 13.VII.1976, cloud forest litter". The type specimen was labelled, with a redprinted label bearing the text as follows: "HOLOTYPE *Cryptorhopalum sharpi* sp. nov. Jiří Háva det. 2015".

**Description.** Female measurements (in mm): TL 2.2, PL 0.5, PW 1.1, EL 1.8, EW 1.4. Dorsal integument black with orange elytral spot, pubescence recumbent, golden-yellow. Ventral integument black and dark brown, pubescence recumbent, golden-yellow. Head shiny black and finely punctated, covered with several golden-yellow recumbent setation. Palpi light brown. Median frontal ocellus present. Eyes large with hardly visible short microsetae. Antennae brown, with yellow setation, consisting of 11 antennomeres, antennal club with 3 antennomeres (Fig. 1). Pronotum with black integument and long golden-yellow pubescence. Elytra much more densely and finely punctated than the pronotum, with black integument and also short golden-yellow recumbent pubescence. Each elytron with one orange spot covered by short golden-yellow pubescence. Scutellum black, small, triangular and without punctation and setation. Epipleuron short, black with some yellow recumbent setation. Metasternum finely punctate with golden-yellow recumbent pubescence. Abdominal visible ventrites dark brown, densely and coarsely punctated, with golden-yellow recumbent pubescence. Legs: tarsi brown, tibiae brown, femora dark brown, sparsely covered with very short and fine recumbent golden-yellow setae.

Male unknown.

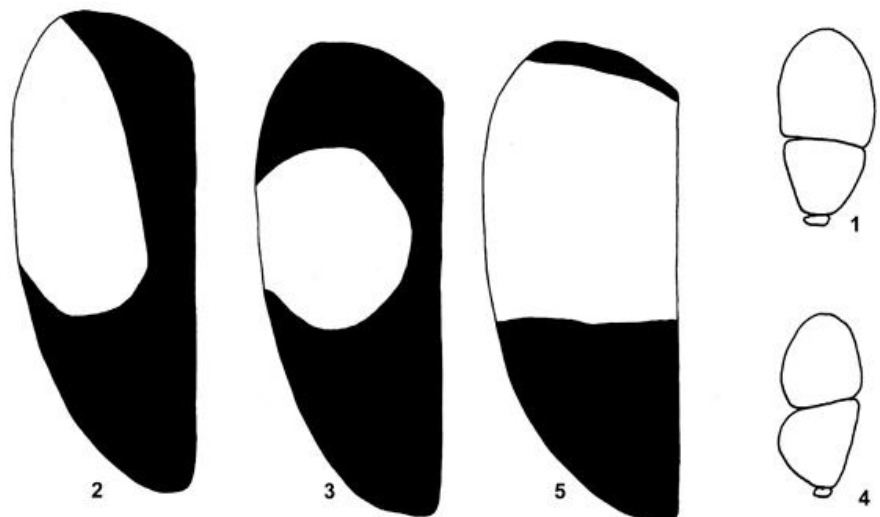
**Differential diagnosis.** The new species resembles very much the species *Cryptorhopalum bicolor* Sharp, 1902 (Honduras, Nicaragua, Panama) and *C. divisum* Sharp, 1902 (Costa Rica, Nicaragua, Panama), but differs from them by the colour pattern of elytral fasciae. *Cryptorhopalum bicolor* has a reddish spot on elytra covered by reddish setation; *C. divisum* has an orange spot on elytra covered by yellow setation; *Cryptorhopalum sharpi* sp. nov. has an orange spot on elytra covered by golden setation.

**Etymology.** The name is dedicated to the excellent English physician and entomologist David Sharp (1840-1922).

**Distribution.** Ecuador: provin. of Pastaza (Map 1).



**Map 1.** - Province of Pastaza in Ecuador, where *Cryptorhopalum sharpi* sp. nov. has been discovered.



**Figs. 1-2.** - *Cryptorhopalum sharpi* sp. nov.: 1.- Antennal club of female. 2.- Elytron.

**Figs. 3-4.** - *C. bicolor* Sharp, 1902: 3.- Elytron. 4.- Antennal club of female.

**Fig. 5.** - *C. divisum* Sharp, 1902, elytron.

## References

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