

***Trogoderma hucheti* sp. nov., a new species from Peru (Coleoptera: Dermestidae: Megatominae)**

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Abstract. *Trogoderma hucheti* sp. nov. from Peru is described, illustrated and compared with other Peruvian species.

INTRODUCTION

The genus *Trogoderma* Dejean, 1821 currently contains 202 species worldwide (Háva 2024). Eight species are known from Peru, and three other species have been introduced in Peru with natural commodities (Háva & Herrmann 2007, Díaz et al. 2008, Háva J. & Chaboo 2015, Herrmann & Háva 2017, Háva 2024). During the determination of dermestid material collected by Jean-Bernard Huchet in Peru the author found a new *Trogoderma* species from Trujillo (city in northern Peru, La Libertad Region). The new species is described below.

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.

Acronym of type material depositories:

MNHN Muséum National d'Histoire Naturelle, Paris, France.

Specimen of the presently described species are provided with red, printed label with text as follows:

„HOLOTYPE *Trogoderma hucheti* sp. nov. Jiří Háva det. 2024”.

DESCRIPTION

***Trogoderma hucheti* sp. nov.**

(Figs. 1-2)

Type material. Holotype (♀): „Perou [La Libertad]-Trujillo, Huaca de la Luna, 6.v.-1.vi.2009, J.B.Huchet / A. Chauchat [leg.]”, (MNHN).

Description. Female. Measurements (in mm): TL 3.5, EW 2.0. Body short, broad (Fig. 1); head black; pronotum black, shiny, with sparse yellow setation; elytra brown with sparse brown and yellow setation; antennae dark brown; legs dark brown. Head coarsely punctate, sparsely covered with short, yellow setation. Palpi dark brown. Eyes large, with yellow microsetae. Ocellus present on front. Antennae filiform, dark brown, with short, yellow setation, composed of 11 antennomeres (Fig. 2). Pronotum shiny, coarsely punctate, black, lateral margins of pronotum

smooth. Scutellum dark brown, triangular, without setation, with two large circular depressions. Elytra shiny, brown, without fascia or spots, covered by sparse brown and yellow setation; yellow setation forming fasciae above you say no fascia (Fig. 1). Suture near scutellum with very short, longitudinal punctate depression on each elytron. Epipleurae brown, covered by yellow setation. Mesosternum and metasternum covered with yellow setation, finely punctate. Legs dark brown covered with recumbent, yellow setation. Abdominal ventrites dark brown, finely punctate, sparsely covered with recumbent yellow setation. Pygidium dark brown with yellow setation.

Male. Unknown.

Differential diagnosis. The new species is similar due to the unicolorous elytra (without cuticular orange or reddish spots or fasciae) to *Trogoderma westerduijni* Háva & Herrmann, 2007 known from Peru, but differs from it by the following characters:

Trogoderma westerduijni Háva & Herrmann, 2007: head, pronotum and elytra black; each elytron with one transverse, narrow fascia from white setation.

Trogoderma hucheti sp. nov.: head, pronotum black, elytra brown; each elytron with fasciae from yellow setation (Fig. 1).

Etymology. Patronymic, dedicated to the collector of the new species Jean-Bernard Huchet (Paris, France), a specialist in the family Ochodaeidae (Coleoptera).



Figs. 1-2. *Trogoderma hucheti* sp. nov. (holotype): 1- habitus, dorsal aspect; 2- antenna of female (photo by J-B. Huchet).

LIST OF *TROGODERMA* SPECIES RECORDED FROM PERU

Trogoderma angustum (Solier in Gay, 1849)
Trogoderma burgai Herrmann & Háva, 2017
Trogoderma hucheti **sp. nov.**

Trogoderma inclusum LeConte, 1854 (introduced)
Trogoderma latenotata (Pic, 1915)
Trogoderma rufonotatum Pic, 1942
Trogoderma serraticorne (Fabricius, 1792) (introduced)
Trogoderma variabile Ballion, 1878 (introduced)
Trogoderma westerduijni Háva & Herrmann, 2007

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