

ARTIGO / ARTÍCULO / ARTICLE

Description of *Sodaliatoma kabourecki* sp. nov. (Coleoptera: Dermestidae: Megatominae) from Ecuador.

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Abstract: The species *Sodaliatoma kabourecki* sp. nov. (Coleoptera: Dermestidae: Megatominae) from Ecuador is described, illustrated and compared with similar species.

Key words: Coleoptera, Dermestidae, Megatominae, *Sodaliatoma*, Taxonomy, new species, Ecuador.

Resumen: Descripción de *Sodaliatoma kabourecki* sp. nov. (Coleoptera: Dermestidae: Megatominae) de Ecuador. Se describe la especie *Sodaliatoma kabourecki* sp. nov. (Coleoptera: Dermestidae: Megatominae) de Ecuador y se ilustra y compara con especies similares.

Palabras clave: Coleoptera, Dermestidae, Megatominae, *Sodaliatoma*, Taxonomía, especie nueva, Ecuador.

Recibido: 12 de febrero de 2016

Aceptado: 20 de febrero de 2016

Publicado on-line: 2 de marzo de 2016

urn:lsid:zoobank.org:pub:54DB723D-E2D9-4456-B504-962A9C22C9BA

Introduction

The new species belongs to genus *Sodaliatoma* Háva, 2013, known from Peru, Colombia (Háva 2013, 2014) and Argentina (unpublished). In the present article a new species from Ecuador is described below.

Material and methods

The size of the beetle and of its body parts can be useful in species recognition, so following measurements were made:

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

Elytral width (EW) - maximal linear transverse distance.

Specimens of the species here described are provided with red, printed label with the text as follows: "HOLOTYPE *Sodaliatoma kabourecki* sp. nov. Jiří Háva det. 2016". The type material is deposited in: JHAC - Jiří Háva, Private Entomological Laboratory & Collection, Únětice u Prahy, Prague-west, Czech Republic.

Description

Sodaliatoma kabourecki sp. nov. (Figs. 1-2)

Type material. Holotype (♀): "ECUADOR, prov. NAPO, Papallacta env., Rio Chalpi grande, 2700 m, 15-17.XI.2000, lgt. Kabourek", (JHAC).

Description of Holotype. Body parallel, TL 3.2 EW 1.6 (in mm). Dorsal integument with head and pronotum black and elytra dark brown on humeri to brown on apex with two reddish integumental, transverse fasciae. Ventral integument with thorax black, abdomen brown, antennae brown and black, legs brown. Head with median ocellus. Coarsely punctured. Setation of head light brown with intermixed white-grey setae. Labial and maxillary palpi brown. Eyes large with brown microsetation. Antennal segments I-VII brown, VIII-XI black, consisting of 11 antennomeres, covered with brown setae; antennal club formed by three antennomeres (Fig. 2). Pronotum black, discally finely punctate, near anterior angles and posteriorly coarsely punctate, lateral parts not dentate, near scutellum with small depressions. Covered by white-grey setation with intermixed light brown setae discally. Antennal cavity completely closed. Scutellum oval, small, visible but minute, without setation. Elytra dark brown on humeri to brown on apex with two reddish integumental, transverse fasciae covered by white-grey setation; with punctures on disc subequal in size to those on pronotum. Setation of elytra consisting of white-grey and light brown hairs. White-grey pubescence forming two transverse fasciae on each elytron (Fig. 1). Epipleuron unicolorously dark brown, with white-grey setae. Prosternum coarsely punctate, prosternal process moderately long and broad, with median carina. Mesosternal disc with punctures on disc subequal in size to those on pronotum and prosternum, metasternum without discal striae. Abdominal ventrites dark brown, covered by white-grey setation; first visible abdominal ventrite with short, distinct oblique discal striae. Legs brown with short white-grey setae.

Male unknown.

Differential diagnosis. The genus contain two recently described species. The new species differs from them by the following characters:

- pronotum laterally, slightly dentate; white-grey pubescence forming two transverse fasciae and an apical spot on each elytron; antennae brown (Peru).....*S. konvickai* Háva, 2013
- pronotum not laterally dentate:
 - white-grey setation forming two transverse fasciae on each elytron; elytral subbasal fascia not forming loop; TL 2.2 mm; antennae brown (Colombia).....*S. brunnea* Háva, 2014
 - white-grey setation forming two transverse fasciae on each elytron; elytral subbasal fascia forming loop; TL 3.2 mm; antennal club black (Ecuador).....*S. kabourecki* sp. nov.

Name derivation. Patronymic, dedicated to collector of the new species Vít Kabourek (Zlín, Czech Republic).

Distribution. Ecuador, Napo province.

References

HÁVA, J. 2013. Description of *Sodaliatoma konvickai* gen. et sp. nov. (Coleoptera: Dermestidae: Megatominae) from Peru. *Boletín de la Sociedad Entomológica Aragonesa* 52: 113-115.

HÁVA, J. 2014. Description of *Sodaliatoma brunnea* sp. nov. (Coleoptera: Dermestidae: Megatominae) from Colombia. *Journal of Entomology and Zoology Studies* 2: 54-55.



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Figs. 1-2. - *Sodaliatoma kabourecki* sp. nov.
1. - Habitus, dorsal aspect. 2. - Antenna.