

TROGODERMA NOVAKI N. SP., A NEW SPECIES FROM CHILE (COLEOPTERA: DERMESTIDAE: MEGATOMINAE)

Jiří Háva

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

Abstract: *Trogoderma novaki* n. sp. from Chile is described, illustrated and compared with the similar looking species *T. angustum* Solier, 1849 and *T. constantini* Háva & Kadej, 2009, both from Chile.

Key words: Coleoptera, Dermestidae, Megatominae, *Trogoderma*, taxonomy, new species, Chile.

***Trogoderma novaki* n. sp., una especie nueva de Chile (Coleoptera: Dermestidae: Megatominae)**

Resumen: Se describe e ilustra *Trogoderma novaki* n. sp. sobre material procedente de Chile, y se compara con las especies similares *T. angustum* Solier, 1849 y *T. constantini* Háva & Kadej, 2009, ambas chilenas.

Palabras clave: Coleoptera, Dermestidae, Megatominae, *Trogoderma*, taxonomía, nueva especie, Chile.

Taxonomy / Taxonomía: *Trogoderma novaki* n. sp.

The article follows the preceeding study about the genus *Trogoderma* Dejean, 1821 from Chile (Háva & Kadej, 2009). A new species is described below.

Description

***Trogoderma novaki* n. sp.**

Fig. 1-3.

TYPE MATERIAL. **Holotype** (female) labelled: ‘Chile, Santiago, La Reina, Octubre 85, G. GONZALES’. Holotype deposited in coll. A. Herrmann (Stade, Germany).

Paratype (1 female) labelled: ‘Chile CE, reg. VII, Talca, San Clemente, Carralones, 25.11.2003, M. Snížek lgt.’ Paratype deposited in the author’s collection. Type specimens were labelled with red, printed label bearing the text as follows: “HOLOTYPE (or PARATYPE, respectively) *Trogoderma novaki* sp. n. J. Háva det. 2009”.

DESCRIPTION

Habitus (Fig. 1, 3). Body length 3.80 mm (measured from anterior part of pronotum to apex of elytra), maximum body width 1.97 mm. Dorsal integument with head and pronotum dark brown, almost black. Ventral integument with thorax, abdomen and antennae brown, legs light brown. Head with median ocellus. Pubescence of dorsal surfaces and head brown (might seem to be golden or grey in transparent light) - uniform, dorsal patterns present; pubescence of undersurfaces light golden. Antenna 11-segmented, covered with golden hairs; configuration in female as illustrated (Fig. 2). Antennal segments I, VI-XI brown, II-V light brown in female. Disc of pronotum subhemispherical, margins not broadly explanate. Scutellum visible but minute. Elytra with punctures of disc subequal in size to those of pronotum. Pubescence of elytra consisting of brown hairs, dorsal orange patterns (Fig. 1) consisting of white-yellowish hairs. Epipleuron unicolorous with brown hairs. Prosternum finely

punctate, prosternal process moderately long without median carina. Antennal fossa occupying the whole hypomeron, deeply excavated, floor of fossa microscopically punctate. Mesosternal disc with punctures of disc subequal in size to those of pronotum and prosternum, metasternum without discal striae. First visible abdominal sternite without distinct oblique discal striae.

Male unknown.

VARIABILITY

Paratype body length 2.95 mm (measured from anterior part of pronotum to apex of elytra), maximum body width 1.50 mm.

DIFFERENTIAL DIAGNOSIS

The new species look similar to *T. angustum* (Solier, 1849) and *T. constantini* Háva & Kadej, 2009, but differs from them by the colour patterns on elytra and structure of female antennae;

- first abdominal sternite with distinct oblique discal striae
.....
T. angustum (Solier, 1849) and ***T. constantini*** Háva & Kadej, 2009.
- first abdominal sternite without distinct oblique discal striae ***T. novaki* n. sp.**

ETYMOLOGY:

Patronymic, dedicated to my very good friend Dr. Vladimír NOVÁK (Prague, CZ), eminent specialist in Alleculinae.

References

- HÁVA, J. & M. KADEJ 2009. Contribution to the knowledge of the genus *Trogoderma* (Coleoptera: Dermestidae: Megatominae) from Chile. *Studies and Reports of District Museum Prague-East Taxonomical Series*, 5: 47-60.

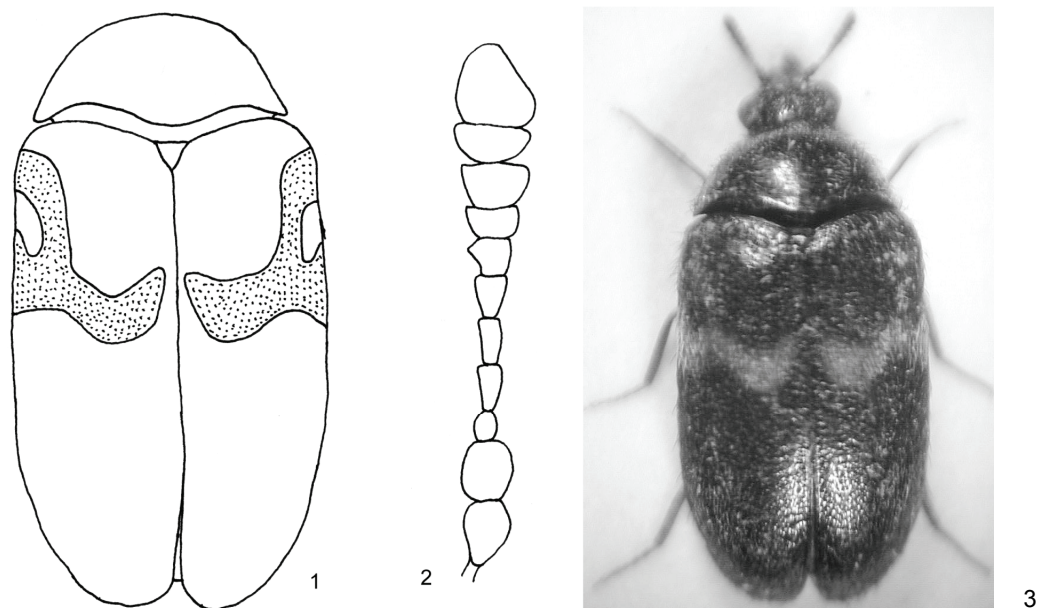


Fig 1-2. *Trogoderma novaki* n. sp.: **1.** habitus of holotype (dotted area = orange); **2.** antenna of female. **3.** Habitus.