

ARTIGO / ARTÍCULO / ARTICLE

Thorictus eiselti sp. nov., a new species from Canary Islands
(Coleoptera: Dermestidae: Thorictinae).Jiří Háva^{1, 2}

¹ Daugavpils University, Institute of Life Sciences and Technology, Department of Biosystematics, Vienības Str. 13, Daugavpils, LV - 5401, Latvia.

² Private Entomological Laboratory and Collection, Rýznerova 37, CZ - 252 62 Únětice u Prahy, Praha-západ, Czech Republic.
e-mail: jh.dermestidae@volny.cz

Abstract: *Thorictus eiselti* sp. nov. (Coleoptera: Dermestidae: Thorictinae) from Gran Canaria is described, illustrated and compared with similar species occurring in the Canary Islands. A list of all the species within this genus recorded from the Canary Islands is also provided.

Key words: Coleoptera, Dermestidae, Thorictinae, *Thorictus*, taxonomy, new species, Spain, Canary Islands.

Resumen: *Thorictus eiselti* sp. nov., una nueva especie de las Islas Canarias (Coleoptera: Dermestidae: Thorictinae). Se describe e ilustra *Thorictus eiselti* sp. nov. (Coleoptera: Dermestidae: Thorictinae) de Gran Canaria y se compara con especies similares presentes en las Islas Canarias. Se proporciona también una lista de todas las especies de este género citadas de las Islas Canarias.

Palabras clave: Coleoptera, Dermestidae, Thorictinae, *Thorictus*, taxonomía, nueva especie, España, Islas Canarias.

Recibido: 6 de octubre de 2019

Aceptado: 12 de octubre de 2019

Publicado on-line: 13 de octubre de 2019

urn:lsid:zoobank.org:pub:C17C3BBA-77C6-4A40-8C17-47B0AB423CE2

Introduction

The myrmecophilous dermestid genus *Thorictus* Germar, 1834 currently includes 170 species and subspecies known from the Palaearctic, Oriental and Afrotropical Regions (Háva 2015, 2018a, b, c). According to Háva & Krásenský (2015), up to 14 species are known from the Canary Islands. In the present paper is described a new species belonging to the *Thorictus orientalis* species group, recently collected in the Canary Islands: Gran Canaria.

Material and methods

The following measurements were made:

Total length (TL) - linear distance from anterior margin of head to apex of elytra;

Pronotal length (PL) - maximum length measured from anterior margin to posterior margin;

Pronotal width (PW) - maximum linear transverse distance;

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

Elytral width (EW) - maximum linear transverse distance.

Type material deposited in: JHAC - Jiří Háva, Private Entomological Laboratory & Collection, Únětice u Prahy, Prague-west, Czech Republic.

Results

Thorictus eiselti sp. nov. (Figs. 1-3)

Type material. Holotype (unsexed): Canary Islands, Gran Canaria, Cruz sAntonio, 930 m, zem past založ. 3/20/17, výběr 12/2017, J. Eiselt leg. (JHAC).

Description. Body small (Fig. 1), brown, covered by short, yellow setae on dorsal surface and short yellow setae on ventral surface. Measurements (mm): TL 1.85 EL 1.10 PL 0.67 EW 0.92 PW 0.90. Head finely punctate with very short, yellow, recumbent setae. Labial palpi entirely brown. Antennae brown, with 11 antennomeres, antennal club compact, with 3 antennomeres, terminal antennomere with short yellow setae. Lateral eyes on head very large (0.07 mm), with large granules. Pronotum as finely punctate as head, covered by short, yellow, recumbent setation. Lateral margin of pronotum very finely dentate. Posterior angles without long yellow setae (Figs. 1-2); latero-apical part of pronotum with spot (dent) (Fig. 3). Ventral posterior pronotal angles without yellow setation. Scutellum small, triangular, without setation. Elytra very finely punctate, covered by short, recumbent, yellow setae; lateral yellow setation erect, short; with two depressions in anterior half near scutellum. Epipleuron finely punctate, anterior angles without bump. Prosternum finely punctate. Mesosternum with small, foveolate punctures. Metasternum finely punctate. Visible abdominal ventrites very finely punctate, covered by very short, recumbent, yellow setae. Striation on first visible abdominal ventrite long. Legs brown, covered by short, yellow setae.

Differential diagnosis. The new species belongs to the *Thorictus orientalis* species group, according to characters stated by John (1963) and is similar to the species *T. canariensis* Wollaston, 1862, *T. franzi* John, 1967, *T. lindbergi* John, 1963, *T. tejedanus* John & Andreae, 1967, and *T. wollastoni* John, 1963, but differs from them and other Canarian species by the setation on margin of thorax, long striation on first abdominal ventrite and spot (dent) on latero-apical part of pronotum.

Etymology. Patronymic, dedicated to collector of the new species, Jaromír Eiselt (Plzeň, Czech Republic).

Bionomics. Holotype specimen collected in a ground trap.

List of *Thorictus* species recorded from Canary Islands

Abbreviations: H - El Hierro, P - La Palma, G - La Gomera, T - Tenerife, C - Gran Canaria, F - Fuerteventura, L - Lanzarote.

species	H	P	G	T	C	F	L
<i>T. canariensis</i> Wollaston, 1862 = <i>obsitus</i> Wollaston, 1864	*	*	*	*	*	*	*
<i>T. cobosi</i> John & Andreae, 1967 = <i>cobosi</i> John, 1969			*				
<i>T. deviedmai</i> John, 1965				*			
<i>T. eiselti</i> sp. nov.					*		
<i>T. franzi</i> John, 1967					*		
<i>T. gigas</i> Wollaston, 1862					*		*
<i>T. helleri</i> John, 1963				*			
<i>T. lindbergi</i> John, 1963					*		
<i>T. palmensis</i> Háva & Krásenský, 2015		*					
<i>T. subpusillus</i> John, 1965				*			
<i>T. tamadabanus</i> John, 1964					*		
<i>T. tejedanus</i> John & Andreae, 1967 = <i>tejedanus</i> John, 1969					*		
<i>T. tenerifanus</i> John, 1965				*			
<i>T. vestitus</i> Wollaston, 1864							*
<i>T. wollastoni</i> John, 1963				*	*		
Total number of species	1	2	2	6	8	1	3

Acknowledgements

I'm very indebted to Jaromír Eiselt (Plzeň, Czech Republic) for collecting this interesting material.

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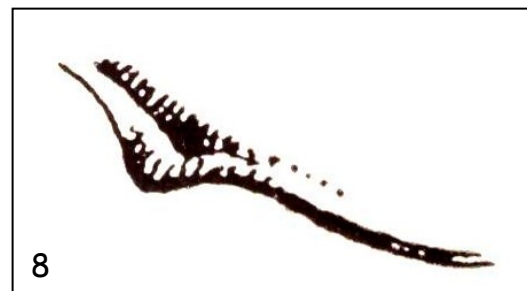
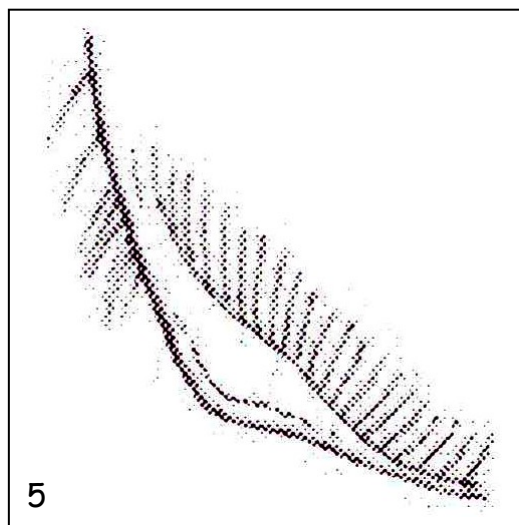
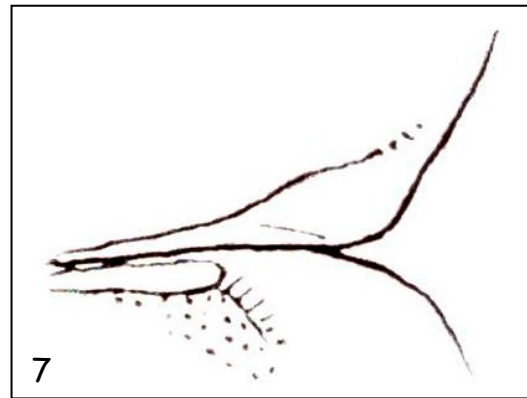
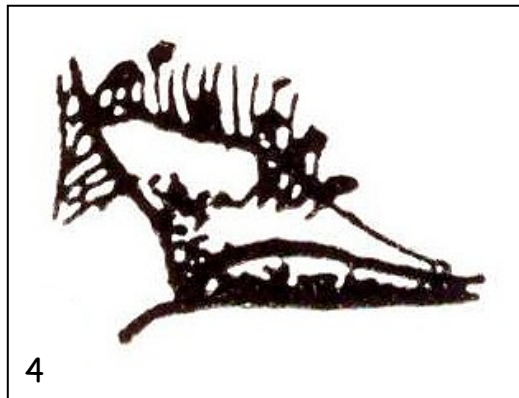
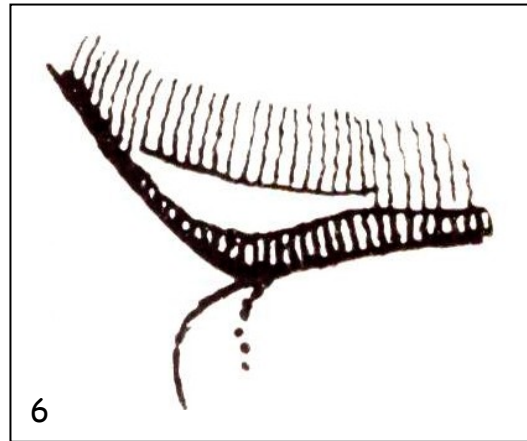
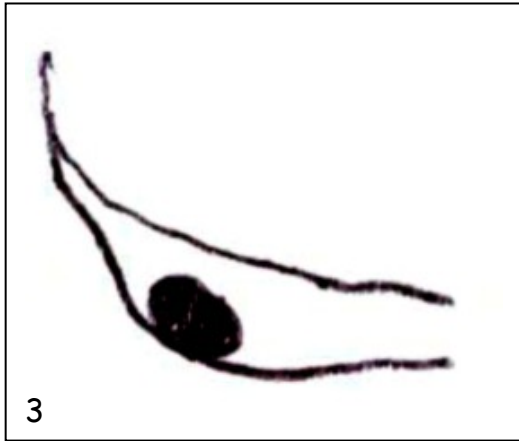
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Figs. 1-2.- *Thorictus eiselti* sp. nov.
1.- Habitus, dorsal aspect.
2.- Setation on margin of thorax, ventral view.



Figs. 3-8. - Latero-apical part of pronotum:

- 3. - *Thorictus eiselti* sp. nov.
- 4. - *T. canariensis* Wollaston, 1862.
- 5. - *T. franzi* John, 1967.
- 6. - *T. lindbergi* John, 1963.
- 7. - *T. tejedanus* John & Andreae, 1967.
- 8. - *T. wollastoni* John, 1963.