

Contribution to knowledge of genus *Thorictus* deposited in Field Museum of Natural History (Coleoptera: Dermestidae: Thorictinae)

Jiří HÁVA^{1,2}

¹Department of Forest Protection and Entomology,
Faculty of Forestry and Wood Sciences,
Czech University of Life Sciences,

Kamýcká 1176, CZ-165 21, Prague 6 - Suchbát, Czech Republic

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

Taxonomy, lectotype, new records, Coleoptera, Dermestidae, *Thorictus*, Egypt, Algeria, India

Abstract. The lectotype of *Thorictus braminus* Wasmann, 1912 is designated here. The species *Thorictus foreli* Wasmann, 1894 is newly recorded from Egypt.

INTRODUCTION

The subfamily Thorictinae is divided into two tribes, Thorictini and Thaumaphrastini. The tribe Thorictini contains the following three genera *Afrothorictus* Andreae, 1967, *Macrothorictus* Andreae, 1967 and *Thorictus* Germar, 1834. The genus *Thorictus* contains about 158 species and subspecies worldwide (Háva 2015). The first catalogue of Thorictinae was published by Hetschko & Wasmann (1925); this was later supplemented by Hetschko (1926, 1930).

The present article deals with 17 specimens belonging to the genus *Thorictus* deposited in Field Museum of Natural History, Chicago.

MATERIAL AND METHODS

The species are arranged in alphabetical order, the nomenclature and zoogeography follow the catalogue by Háva (2015).

The material is deposited in the following collections:

FMNH Field Museum of Natural History, Chicago, U.S.A.;

JHAC Jiří Háva, Private Entomological Laboratory & Collection, Únětice u Prahy, Prague-west, Czech Republic.

Two species groups belonging to the genus *Thorictus* were proposed by John (1963).

In the list of type or examined material, a slash (/) separates data on different labels.

RESULTS

Genus *Thorictus* Germar, 1834

***Thorictus orientalis* species group**

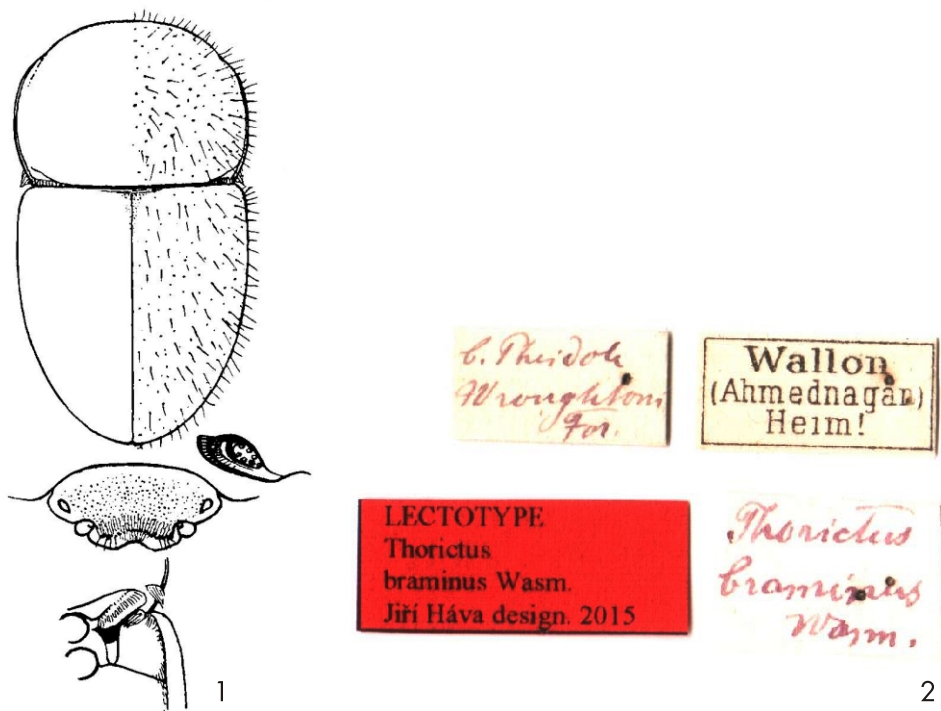
***Thorictus braminus* Wasmann, 1912**

(Figs. 1-2)

Type material. (8 cotypes): „Wallon (Ahmednagar) Heim“ / „Pheidole whroughtoni For.“ / „*Thorictus braminus* Wasm.“. 1 specimen designated here as Lectotype other 7 specimens as Paralectotypes. Lectotype deposited in (CNHM), paralectotypes (6 CNHM, 1 JHAC).

Remarks. Wasmann (1912) described and compared the species with *T. heimi*. In the Wasmann's original description, there is a mention: „Eine grosse Anzahl von Exemplaren...“. John (1963) redescribed and illustrated the species and mentioned one cotype specimen with the same data deposited in Humbolt-Universität, Museum für Naturkunde, Berlin, Germany, but did not specify type material. Lectotype and paratectotypes are thus designated here, and the material is deposited in FMNH.

Distribution. Species known from India: Ahmednagar, Maharashtra (Háva, 2015).



Figs. 1-2. *Thorictus braminus* Wasmann, 1912: 1- morphological characters (according to orig. John 1963); 2- labels.

***Thorictus insulcatus* Pic, 1924**

Material examined. „Caire 7.4.10“ / „Coll. Alfieri, Egypte“ / „CNHM 1955, A. Alfieri „2nd“ Colln. Egypt. Coleop.“ / „*Thorictus insulcatus* det. C. A. Maier 2015“, 2 spec., (CNHM).

Distribution. Species known only from Egypt (Háva, 2015).

***Thorictus incisicollis* Pic, 1924**

Material examined. „Maadi, 6.6.09“ / „Coll. Alfieri, Egypte“ / „CNHM 1955, A. Alfieri „2nd“ Colln. Egypt. Coleop.“ / „*Thorictus incisicollis* det. C. A. Maier 2015“, 2 spec., (CNHM, JHAC).

Distribution. Species known only from Egypt (Háva, 2015).

***Thorictus marginicollis* Schaum in Kraatz, 1859**

Material examined. „Amreh, 4.9.13“ / „Coll. Alfieri, Egypte“ / „CNHM 1955, A. Alfieri „2nd“ Colln. Egypt. Coleop.“ / „*Thorictus marginicollis* det. C. A. Maier 2015“, 1 spec., (CNHM); „Mengheb, 17.5.12“ / „Coll. Alfieri, Egypte“ / „CNHM 1955, A. Alfieri „2nd“ Colln. Egypt. Coleop.“, 1 spec. (JHAC).

Distribution. Species known only from Egypt (Háva, 2015).

Thorictus castaneus* species group**Thorictus foreli* Wasmann, 1894**

Material examined. „Abu Rawash, Giza Prov., Egypt, iii:14:52, H. Hoogstraal leg., US NavMedResUnit 3“ / „in nest of *Gerbillus pyramiderum*“, 1 spec., (CNHM).

Distribution. Species known from Algeria, Tunisia and Morocco (Háva, 2015), new to Egypt.

***Thorictus testaceus* Pic, 1930**

Material examined. „Tourah, Sept.“ / „Coll. Alfieri, Egypte“ / „CNHM 1955, A. Alfieri „2nd“ Colln. Egypt. Coleop.“ / „*Thorictus testaceus* det. C. A. Maier 2015“, 1 spec., (CNHM).

Distribution. Species known only from Egypt (Háva, 2015).

***Thorictus ehlersii therondi* Chobaut, 1924**

Material examined. „Algier“ / „CNHM 1955, Karl Brancsik Colln. Ex Eduard Knirsch“ / „Type“, 1 spec., (CNHM).

Distribution. Species known from Algeria, Tunisia and Morocco (Háva, 2015).

ACKNOWLEDGEMENTS. I am very indebted to Crystal Maier (FMNH) for loaning the interesting material and for valuable comments on the manuscript and English language. This research was supported by the Internal Grant Agency (B0118/004) Faculty of Forestry and Wood Sciences, Czech University of Life Sciences Prague.

REFERENCES

- HÁVA J. 2015. *World Catalogue of Insects. Volume 13. Dermestidae (Coleoptera)*. Leiden/Boston: Brill, xxvi + 419 pp.
- HETSCHKO A. 1926. *Coleopterorum Catalogus. Pars 83- Thorictidae, Catopochrotidae, Monoedidae, Synteliidae, Cossyphodidae*. In: JUNK W. & SCHENKLING S. (eds): *Coleopterorum Catalogus*. Berlin: W. Junk.
- HETSCHKO A. 1930. *Coleopterorum Catalogus. Pars 109 - Cucujidae, Thorictidae (Suppl.), Cossyphodidae (Suppl.)*. In: JUNK W. & SCHENKLING S. (eds): *Coleopterorum Catalogus*. Berlin: W. Junk, 122 pp. + 2 unnumbered pages.
- HETSCHKO A. & WASMANN E. 1925. Übersicht der Thorictidae mit Angabe der Wirte. *Wiener Entomologische Zeitung* 42: 183-189.
- JOHN H. 1963: Revision der Gattung *Thorictus* Germar (Thorictidae, Clavicornia Col.). Eine Bestandaufnahme, Kritik und Neubeschreibungen. *Entomologische Abhandlungen und Berichte aus dem Staatlichen Museum für Tierkunde in Dresden* 28: 177-255.
- WASMANN E. 1912: Neue Beiträge zur Kenntnis der Termitophilen und Myrmecophilen (No. 192). *Zeitschrift für Wissenschaftliche Zoologie* 101: 70-115.