Review of the Genus *Paratrogoderma* SCOTT, 1926 (Coleoptera: Dermestidae: Megatominae)

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Abstract: *Trogoderma haemorrhoa* GERSTÄCKER, 1871 is newly transferred to the genus *Paratrogoderma* Scott, 1926 and compared with *Paratrogoderma mahense* SCOTT, 1926.

Key words: Coleoptera, Dermestidae, *Paratrogoderma*, taxonomy, new combination, Afrotropical region.

Introduction

Genus *Paratrogoderma* SCOTT, 1926 contains only one species *Paratrogoderma mahense* SCOTT, 1926 described from Seychelles (Mroczkowski 1968, Háva 2003). In the present article I newly transfer another species, *Trogoderma haemorrhoum* GERSTÄCKER, 1871 from the genus *Trogoderma* DEJEAN, 1821 to the genus *Paratrogoderma* and compare it to the species *Paratrogoderma mahense* SCOTT, 1926.

Material

Following abbreviations refer to the collections, where the examined material is being deposited:

BMNH - British Museum Natural History [= The Natural History Museum], London, United Kingdom;
JHAC - Private Entomological Laboratory and Collection, Praha-západ, Czech Republic;
MZPW - Muzeum i Institut Zoologii PAN, Warszawa, Poland;
ZMUH - Zoologische Institut und Zoologisches Museum [= Biozentrum Grindel und Zoologisches Museum], Hamburg, Germany.

Results

Genus *Paratrogoderma* SCOTT, 1926

Genus *Paratrogoderma* can be distinguished from the genera *Trogoderma* DEJEAN, 1821 and *Phradonoma* JACQUELIN DU VAL, 1859 by the following characters:

1 (4) antennae composed with 11-antennomeres
2 (3) anterior tibiae along shaft with stout spines ... *Phradonoma* JACQUELIN DU VAL, 1859
3 (2) anterior tibiae along shaft without spines ……. *Trogoderma* DEJEAN, 1821
4 (1) antennae composed with 10-antennomeres; anterior tibiae along shaft with setae forming fine short spines ..... *Paratrogoderma* SCOTT, 1926

Paratrogoderma mahense SCOTT, 1926
(Fig. 1)

Paratrogoderma mahense SCOTT, 1926: 67.

Type material: Holotype (♂, BMNH): „Seychelles, Mahé: Cascade Estate, 800-1000 feet, i.1909“, „Paratrogoderma mahense Scott“, „Holotype“. Paratypes (2 ♂♂, BMNH): „Seychelles, Mahé: Cascade Estate, forest above 1000 feet, i.1909“.
Comments: Original description, together with all important figures serves well its purpose and therefore there is no need for the species' re-description
Distribution: This species is known only from Seychelles.

Paratrogoderma haemorrhoum
(GERSTÄCKER, 1871) comb. n.
(Figs 2-5)

Trogoderma haemorrhoa GERSTÄCKER, 1871: 45.
Phradonoma haemorrhoum: KALÍK, 1965: 219.
Phradonoma haemorrhoum: MROCZKOWSKI, 1968: 112.
Phradonoma haemorrhoum: HÁVA, 2003: 125.

Type material: Holotype (♀, ZMUH): „ZMB 56650 Endara v.d.Deck“ / „Type“.
Other material examined: Kenya: „Kenya or., Voi (Tsavo), 8-18.xi.1996, M. Snížek lgt., 15 spec., (JHAC); Eritrea: „Africa or., Katona [lgt.]” / „Assab, 1907“ / „Paratrogoderma mahense Scott, det. M. Mroczkowski“ / „Inst.Zool.PAN, Warszawa 56/59“, 10 spec., J. Háva revid., (7 MZPW, 3 JHAC); Uganda: Uganda, Mt. Elgon, Sasa, 3300 m, 22.ii.1997, Th. Wagner lgt., 1 ♀, (JHAC); Congo: „Congo, Lulua: Sandoa, ix.1930, G. F. Overlaet“, 1 ♀, (JHAC).
Discussion: Species *Trogoderma haemorrhoa* was described by Gerstäcker (1871) from Endara (Tanzania).
Kalík (1965) mentions this species (along with the redescription of *Phradonoma babaulti* (PIC, 1921) with remarks that this species could also belong to the genus *Phradonoma* JACQUELIN DU VAL, 1859. It is listed as *Phradonoma haemorrhoum* in the catalogues by Mroczkowski (1968) and Háva (2005). Kalík later expressed his opinion that the exact generic status of this species needs revision (personal communication, 2005).
After the examination of the holotype and the recently collected material I can unambiguously state that this species should belong to the genus *Paratrogoderma*.
Diagnosis: The species *Paratrogoderma haemorrhoum* (GERSTÄCKER, 1871) differs from *Paratrogoderma mahense* Scott, 1926 by the following characters:

Paratrogoderma haemorrhoum: dorsal surface covered with brown, decumbent pubescence; elytral cuticle bi-colored (dark brown anteriorly, posteriorly light brown).

Paratrogoderma mahense: dorsal surface covered with golden-yellow, decumbent pubescence; elytral cuticle uniformly chestnut-brown.
Distribution: This species is known from Congo, Kenya, Eritrea, Tanzania: Zanzibar I. and Uganda.

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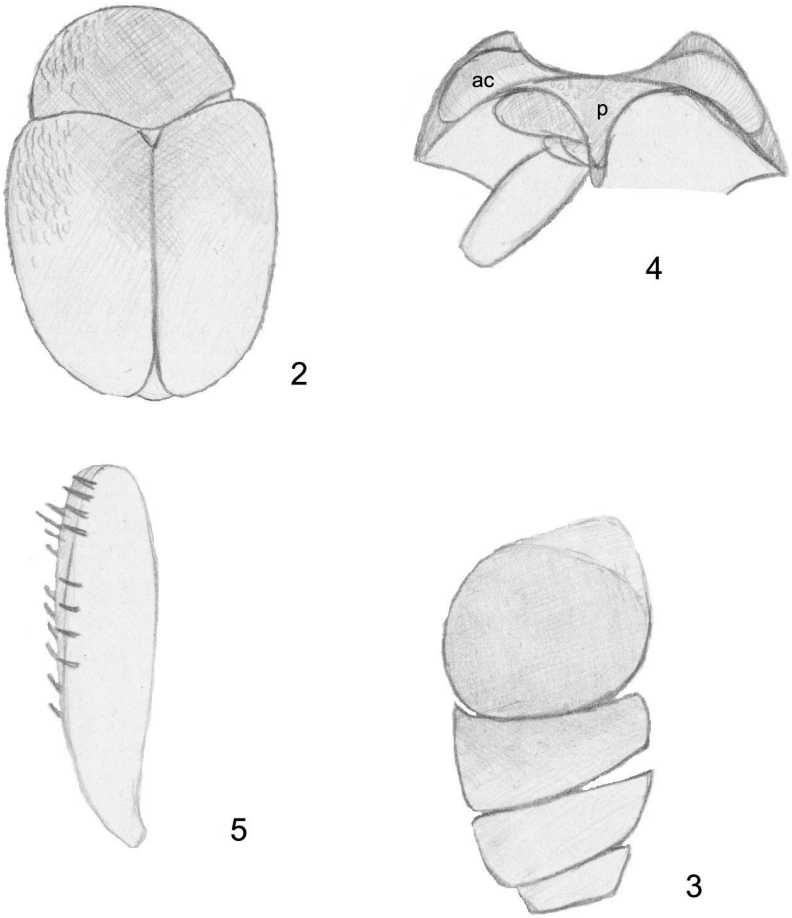
Fig. 1. Dorsal aspect of *Paratrogoderma mahense* SCOTT, 1926 (holotype) (photo: J. Háva).



Figs 2-5. *Paratrogoderma haemorrhoum* (GERSTÄCKER, 1871) (paratype): 2 - habitus; 3 - antennal club; 4 - pronotum dorsal aspect (ac - antennal cavity, p - prosternal procces); 5 - anterior tibia (All original figures by V. Kalík, slightly adjusting).