

Description of a New Subgenus *Setapeacockia* subgen. nov. of the genus *Anthrenus* Geoffroy, 1762 (Coleoptera: Dermestidae: Anthrenini) from Central Asia

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HÁVA J. 2008. DESCRIPTION OF A NEW SUBGENUS *SETAPEACOCKIA* SUBGEN. NOV. OF THE GENUS *ANTHRENUS* GEOFFROY, 1762 (COLEOPTERA: DERMESTIDAE: ANTHRENINI) FROM CENTRAL ASIA. – *Latvijas entomologs*, 45: 43-45.

Abstract: New subgenus *Setapeacockia* subgen. nov. of the genus *Anthrenus* GEOFFROY, 1762 is described and compared with all known subgenera of the genus. *Anthrenus taricus* ZHANTIEV, 2006 is designated as type species of the new subgenus.

Key words: Coleoptera, Dermestidae, Anthrenini, *Anthrenus*, *Setapeacockia*, taxonomy, new subgenus, Palaearctic region.

Introduction

Dermestid genus *Anthrenus* GEOFFROY, 1762 presently contains 9 subgenera and about 220 species and subspecies (Háva 2003, 2008) and belongs to the subfamily Megatominae, tribe Anthrenini (Háva 2004, 2008, Lawrence & Slipinski 2005, Kiselyova & McHugh 2006).

Taxonomy

Setapeacockia subgen. nov.

Derivatio nominis: The name for this new subgenus is a composite name, created from words ‚seta‘ and subgenus name ‚Peacockia‘ referring to the shared peculiar body character.

Type species: *Anthrenus taricus* ZHANTIEV, 2006.

Material examined: *Anthrenus taricus*: Paratypes (1♂, 1♀): India, Rajasthan, Jodhpur,

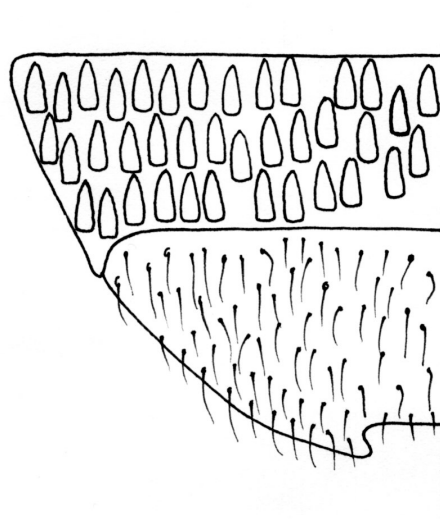
4, 07.02.1990, A. Kompantzev lgt. (Zoological Museum, Academy of Sciences, St.-Petersburg, Russia).

Anthrenus mendax: Holotypus (♀): Iran, Tehran [NW] - Darakeh [vegetation near brook, ca. 2500 m], 16.5.1995, M.Kafka lgt. (author's collection).

Other material examined: *Anthrenus taricus*: Iran, Baluchestan, Rask, ca 1500 m, 26°14'N 61°24'E, ex larva, 1996, M. Kafka lgt. (1♀, det. J.Háva, author's collection); S Pakistan, W Sind Karchat, 25.02.-04.03.1995, D. Hauck & L. Čížek lgt. (1♀, det. J.Háva, author's collection).

Diagnosis: Males. Body parallel, size 2.30-2.70 mm. Antennae 6-segmented. Dorsal surface covered with scales. Visible abdominal sternites I-V covered with scales (Zhantiev 2006).

Females similar to males, except for the form of antennae and fifth abdominal sternite being covered by setation (Fig. 1), see also Háva (2006).



1.

Fig. 1. Visible abdominal sternites IV-V of a female of *Setapeacockia* subgen. nov. (*Anthrenus taricus* ZHANTIEV, 2006 and *Anthrenus mendax* HÁVA, 2006).

Differential diagnosis. New subgenus differs by the characters mentioned in the following key:

- 1(4) antennae 11- segmented
- 2(3) eyes with median margin broadly and deeply emarginate at about anterior third
..... *Anthrenus* s.str.
- 3(2) eyes with median margin complete..... *Nathrenus* CASEY, 1900
- 4(1) antennae with less than 11 segments
 - antennae 10- segmented *Anthrenodes* CHOBAUT, 1898
 - antennae 9- segmented *Anthrenops* REITTER, 1881
 - antennae 8- segmented *Florilinus* MULSANT, REY, 1868
 - antennae 7- segmented *Solskinus* MROCZKOWSKI, 1962
 - antennae 6- segmented
- females: all visible abdominal sternite covered by scales; body larger 5.00-7.10 mm
..... subgenus *Peacockia* MENIER, VILLEMANT, 1993
- females: only fifth visible abdominal sternite covered by setation; body smaller 2.30-2.70 mm..... *Setapeacockia* **subgen. nov.**
- antennae 5- segmented (sometimes 6-segmented in females) *Helocerus* MULSANT, REY, 1868
- antennae 4- segmented *Ranthenus* MROCZKOWSKI, 1962

Remarks. In the Zhantiev's (2006) original description there is no mention about the female setation of the fifth visible abdominal sternite. I have (2006) described another similar species *A. mendax* and discussed the setation of the fifth visible abdominal sternite. According to my knowledge the setation of the fifth visible abdominal sternite is very rare for the group.

Genus *Anthrenus* GEOFFROY, 1762 at present contains 9 subgenera and about 220 species and subspecies worldwide, but only the two following species share this rare and peculiar character. Both species are known from the Turanian chorotype (see Taglianti et al. 1999).

Anthrenus mendax HÁVA, 2006 **comb. subgen. nov.**

Anthrenus (Peacockia) mendax HÁVA, 2006: 38.

Distribution: Iran.

Anthrenus taricus ZHANTIEV, 2006 **comb. subgen. nov.**

Anthrenus taricus ZHANTIEV, 2006: 96.

Anthrenus (Peacockia) taricus: HÁVA, 2006: 38.

Distribution: India: Rajasthan (Zhantiev 2006), Iran, Pakistan (Háva 2006).

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