

**Contribution to the knowledge of Dermestidae (Coleoptera)
deposited in Senckenberg Deutsches Entomologisches Institut**

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Abstract. Lectotype of *Orphinus horni* Pic, 1927 is designated. Two species, new data on *Orphinus aethiops* Arrow, 1915 and *Anthrenus (Anthrenus) sophonisba* Beal, 1998 are presented.

INTRUDUCTION

The family Dermestidae (Coleoptera: Bostrichoidea) currently consists of 62 genera, containing ca. 1600 species worldwide (Háva 2015).

Based on the determination of some Dermestidae (Coleoptera) deposited in Senckenberg Deutsches Entomologisches Institut, Müncheberg, Germany, I established one designation of lectotype and presented remarks about two species.

MATERIAL AND METHODS

Acronyms of type depositories:

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

MNHN Muséum National d'Histoire Naturelle, Paris, France;

SDEI Senckenberg Deutsches Entomologisches Institut, Müncheberg, Germany.

The nomenclature and zoogeography follow Háva (2015).

The lectotype is designated in order to stabilize the nomenclature in the genus in accordance with Article 74.7.3. of the Code (ICZN 1999).

RESULTS

Orphinus minor Arrow, 1915

(Fig. 1)

Orphinus horni Pic, 1927: 247.

Orphinus horni: Háva, 2016: 378.

Type material. 8 Syntypes: „Anuradhapura, W. Horn 1899“ / „Pic det.“ / „Orphinus Horni n sp“ / „Paratypus“ / „Pic det.“ / „Orphinus horni Pic LECTOTYPE det. m. Mroczkowski 1969“ / „Dtsch. Ent. Inst Eberswalde“ / „LECTOTYPE Orphinus horni Pic, Jiří Háva design. 2017“, (SDEI). Paralectotypes: (5 ex.) the same data as lectotype but „Orphinus horni Pic PARALECTOTYPE det. m. Mroczkowski 1969“ / „PARALECTOTYPE Orphinus horni Pic, Jiří Háva design. 2017“, (SDEI); (1 ex.): „Anuradhapura, W. Horn 1899“ / „TYPE“ / „Orphinus Horni Pic“ / „PARALECTOTYPE Orphinus horni Pic, Jiří Háva design. 2017“, (MNHN); (1 ex.): „Anuradhapura, W. Horn 1899“ / „ex coll. Kalík“ / „PARALECTOTYPE Orphinus horni Pic, Jiří Háva design. 2017“, (JHAC).

Other material studied: „Trincomali, Ceylon, W. Horn 1899“ / „Pic det.“ / „Orphinus horni Pic, det. M. Mroczkowski 1960“ / „Orphinus horni Pic, J. Háva det. 2017“, 2 ex., (SDEI).

Remarks. The species described by Pic (1927) without specific number of specimens. According to one syntype Háva (2016) synonymized the species with *Orphinus minor* Arrow, 1915. Mroczkowski labelled the specimens deposited in SDEIC as lectotype and paralectotypes, but the designations remained undescribed. The lectotype and paralectotypes is here designated.

Orphinus aethiops Arrow, 1915

(Fig. 2)

Orphinus formosanus Pic, 1918: 2.

Orphinus formosanus var.: Pic, 1927b: 50.

Material examined: „Anping, Formosa, H. Sauter“ / „7.VII“ / „Pic det.“ / „COTYPE“ / „Orphinus formosanus var.“ / „Orphinus aethiops Arrow, Jiří Háva det. 2017“, 1 ex., (SDEI).

Remarks. The species *Orphinus formosanus* described by Pic (1918). Later in (1927b) Pic commented the species as „*Orphinus formosanus* var.“ but did not name the specimen, therefore the label „COTYPUS“ is invalid. The mentioned specimen is female of *Orphinus formosanus* = *O. aethiops* Arrow, 1915.

Anthrenus (Anthrenus) sophonisba Beal, 1998

(Fig. 3)

Anthrenus sellatus Schaufuss (unpublished name).

Anthrenus californicus Mroczkowski (unpublished name).

Material examined: „Callistoga. April.“ / „Anthrenus sellatus m 238“ / „Coll. L. W. Schaufuss, A. Heyne comm. 1912“ / „TYPUS“ / *Anthrenus californicus* sp. n. Paratypus, det. M. Mroczkowski 1960“ / „Anthrenus (s.str.) sophonisba Beal, Jiří Háva det. 2017“, 2 ex., (1 SDEI, 1 JHAC).

Remarks. The two specimens were determined by Schaufuss as „*Anthrenus sellatus*“ and later by Mroczkowski as „*Anthrenus californicus*“. Both names are invalid because the species remained undescribed and all morphological characters belong to *Anthrenus (Anthrenus) sophonisba* Beal, 1998.

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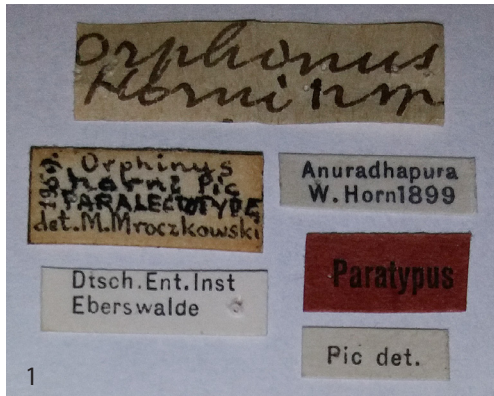


Fig. 1. Original locality labels of *Orphinus horni* Pic, 1927.

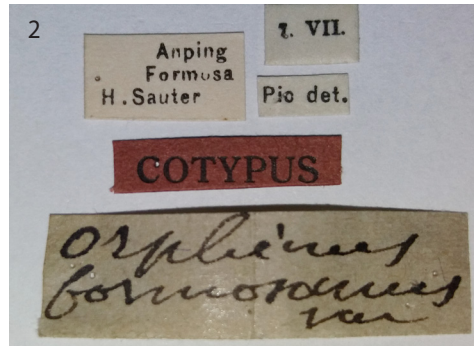


Fig. 2. Original locality labels of *Orphinus formosanus* var.

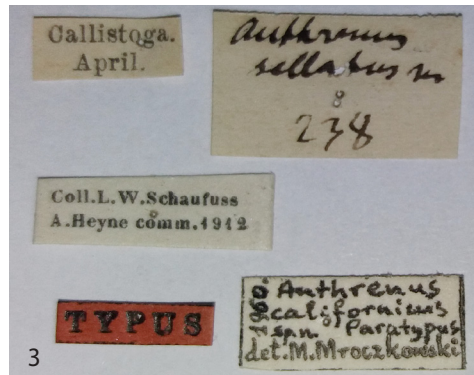


Fig. 3. Original locality labels of *Anthrenus sellatus* or *Anthrenus californicus*.

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