

A new dermestid beetle species,
Anthrenus (Anthrenops) fugong sp.n.
(Coleoptera: Dermestidae: Megatominae), from Yunnan China

Новый вид *Anthrenus (Anthrenops) fugong* sp.n.
(Coleoptera: Dermestidae: Megatominae) из Китая (Юньнань)

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Key words: Taxonomy, new species, Coleoptera, Dermestidae, *Anthrenus*, *Anthrenops*, Yunnan, China.

Ключевые слова: таксономия, новый вид, Coleoptera, Dermestidae, *Anthrenus*, *Anthrenops*, Юньнань, Китай.

Abstract. *Anthrenus (Anthrenops) fugong* sp.n. from China (Yunnan) is described, illustrated and compared with related Chinese species. A list of the species so far known from China is provided.

Резюме. В статье описывается новый вид *Anthrenus (Anthrenops) fugong* sp.n. из Юньнана (Китай). Приводится список видов рода *Anthrenus*, известных из Китая.

Introduction

When identifying some dermestids collected by the Czech entomologist in Yunnan, China, an undescribed species of the genus *Anthrenus* Geoffroy, 1762 belonging to the subgenus *Anthrenops* Reitter, 1881 was found. The genus *Anthrenus* currently includes somewhat more than 250 valid species or subspecies worldwide [Háva, 2015]. Up to now, 26 different species of the genus *Anthrenus* are known from China [Háva, 2001, 2004, 2005, 2015; Háva, Kadej, 2006; Kadej, Háva 2015; Herrmann, Háva, 2019].

Material and Methods

Nomenclature and systematic in this paper follow Háva [2015].

The size of the beetles and their body parts can be useful in species recognition, so following measurements were made: total length (TL) — linear distance from anterior margin of pronotum to apex of elytra; elytral width (EW) — maximal linear transverse distance.

The type specimens of the described species are provided with a red, printed label showing the following text: «HOLOTYPE [respectively PARATYPE], *Anthrenus (Anthrenops) fugong* sp.n. Jiří Háva det. 2019».

Following abbreviation refer to the collections, in which the examined type materials are deposited: JHAC — Jiří Háva, Private Entomological Laboratory & Collection, Prague-west, Czech Republic.

Results

Anthrenus (Anthrenops) fugong Háva, sp.n.

Figs 1–6.

Type material. Holotype (♂): SW China, Yunnan prov., Gaoligong Shan Mts., 1600 m, 26°52' N 98°51' E, 25–27.V.2016, Guquancun SW of Fugong, P. Kabátek lgt., (JHAC). Paratypes (2♂♂): the same data as holotype (JHAC).

Description. Body TL 2.4–2.5 mm, EW 1.6–1.7 mm; body brown-black, small, oval. Dorsal surface covered by brown and white scales. Individual scales small, broad, subtriangular. Head covered by intermixed brown and white scales. Antennae 9 antennomeres, antennomeres I–VII brown, VIII–IX black, antennal club 2 antennomeres, compact (Fig. 3). Forehead with median ocellus. Eyes with entire median margin. Palpi brownish-black. Pronotum covered by brown scales discally (intermixed individual white scales) and with white scales on lateral margins (Figs 1–2). Scutellum small, triangular without scales. Elytra with brown and white scales; white scales forming spots on each elytron, other parts covered by brown scales. Epipleuron with brown scales. Ventral surface covered with white and brown scales. Prosternum only with white scales. Metasternum only with white scales, with a small patch at lateral margins from brown scales. Abdominal ventrites I–V without spots in the middle and with large black spots at antero-lateral margins (Fig. 4). 9th ventrite with large dark brown spots medially (Fig. 6). Legs brown with white scales and white setae. Male aedeagus (Fig. 5).

Female. Unknown.

Differential diagnosis. Within the genus *Anthrenus* the subgenus *Anthrenops* is distinctly characterised by the 9-segmented antenna. From other *Anthrenops* species from eastern Palaearctic Region, the



Figs 1–6. *Anthrenus fugong* sp.n.: 1 — habitus, dorsal aspect, holotype, 2 — habitus, dorsal aspect, paratype, 3 — antenna of male, 4 — abdomen, ventral aspect, 5 — genitalia, ventral aspect, 6 — 9th ventrite.

Рис. 1–6. *Anthrenus fugong* sp.n.: 1 — внешний вид, сверху, голотип, 2 — внешний вид, сверху, паратип, 3 — усик самца, 4 — брюшко, 5 — гениталии самца, вентрально, 6 — 9-й вентрит.

new species differs by the form of antennae as well as shape of the genitalia and arrangement of scales on elytra.

Etymology. Toponymy, named according to Fugong County in China (Fig. 7).

Supplemented list of Chinese *Anthrenus* species

Anthrenus Geoffroy, 1762

Anthrenus (*Anthrenodes*) Chobaut, 1898
Anthrenus debilis Háva, 2005
Anthrenus maculifer Reitter, 1881
Anthrenus (*Anthrenops*) Reitter, 1881
Anthrenus fugong sp.n. (Fig. 7)
Anthrenus (*Anthrenus*) Geoffroy, 1762
Anthrenus flavipes LeConte, 1854
Anthrenus latefasciatus Reitter, 1892
Anthrenus nipponensis Kalík et Ohbayashi, 1985
Anthrenus oceanicus Fauvel, 1903
Anthrenus pimpinellae (Fabricius, 1775)
Anthrenus scrophulariae (Linnaeus, 1758)
Anthrenus (*Florilinus*) Mulsant et Rey, 1868
Anthrenus cimrmani Háva, 2005
Anthrenus emili Herrmann et Háva, 2019
Anthrenus flavidus Solsky, 1876
Anthrenus museorum (Linnaeus, 1761)
Anthrenus qinlingensis Háva, 2004
Anthrenus (*Nathrenus*) Casey, 1900
Anthrenus bomiensis Háva, 2004
Anthrenus knizeki Háva, 2004
Anthrenus kucerai Háva, 2005

Anthrenus longisetosus Kadej et Háva, 2015
Anthrenus pilosus Pic, 1923
Anthrenus propinquus Háva, 2005
Anthrenus schawalleri Háva et Kadej, 2006
Anthrenus sichuanicus Háva, 2004
Anthrenus tryznai Háva, 2001
Anthrenus turnai Háva, 2004
Anthrenus verbasci (Linnaeus, 1767)
Anthrenus (*Solskinus*) Mroczkowski, 1962
Anthrenus (*Solskinus*) *becvari* Háva, 2004
Anthrenus (*Solskinus*) *sinensis* Arrow, 1915

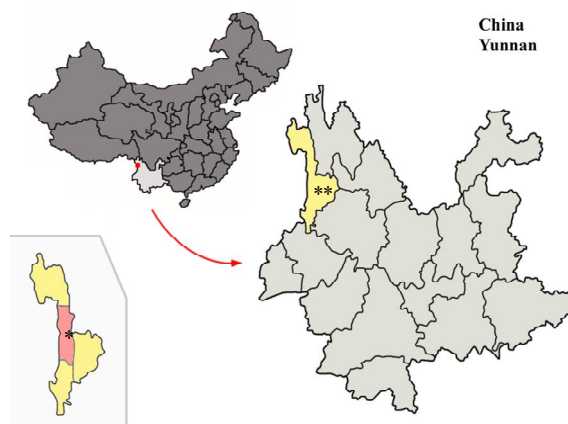


Fig. 7. Location of Fugong County (*) and Nujiang Prefecture (**) within Yunnan province.

Рис. 7. Расположение округа Фугонг (розовый) и префектуры Нудзянь (желтый) в провинции Юньнань.

Acknowledgements

I am very indebted to colleague Petr Kabátek (Prague, Czech Republic) for providing me the interesting material.

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Поступила в редакцию 19.9.2019