

Contribution to the Knowledge of Anthrenini from Iran (Coleoptera: Dermestidae)

Andreas HERRMANN¹ Jiří HÁVA² Majid FALLAHZADEH³

¹Bremervörder Strasse 123, D-21682 Stade, GERMANY, e-mail: hermann@coleopterologie.de

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

³Department of Entomology, Islamic Azad University, Jahrom Branch, P.O.Box 74135/355, Jahrom, Fars, IRAN, e-mail: mfalahm@yahoo.com

ABSTRACT

A list of all 30 *Anthrenus* GEOFFROY, 1762 species and subspecies known so far from Iran is provided. Faunal data on *Anthrenus* and *Phradonoma* are presented. *Anthrenus (Anthrenops) coloratus* REITTER, 1881 is recorded from Iran for the first time.

Key words: Coleoptera, Dermestidae, *Phradonoma*, *Anthrenus*, faunistics, new record, Iran.

INTRODUCTION

The genus *Anthrenus* is one of the commonly known genera of the beetle family Dermestidae and currently contains somewhat more than 200 species and subspecies worldwide. From Iran 29 species respectively subspecies are known so far, an additional species is recorded newly and also some other recently collected material is mentioned.

The genus *Phradonoma* contains roundabout 41 species worldwide, so far 10 of them are recorded from Iran.

MATERIALS AND METHOD

The regarding material was collected by the third author at April 20th, 2009 in Nikshar, Sistan va Baluchestan province of Iran; voucher specimens of the records are deposited in the collection of the first author. Two general techniques were used for collecting dermestid beetles: 1- individuals occurring on flowers of *Citrus aurantifolia* before start of shooting were collected directly, 2- beating flowers was used for subsequent stages. A white tray of 1020 cm² (30×34 cm) was used to catch dermestids when beaten from the flowers.

In this way 30 specimens of 4 dermestid species were collected. In a list the subgenera and species are listed in alphabetical order; new species for Iranian fauna is marked with asterisk (*).

RESULTS

Fauna data

Anthrenus (Anthrenops) coloratus REITTER, 1881: 4 ♀, 3 ♂; Iran, Sistan va Baluchestan province, Nikshar, on flowers of *Citrus aurantifolia*, 20.04.2009 leg. Majid Fallahzadeh.

Anthrenus (s. str.) flavipes flavipes LeCONTE, 1854: 5 ♀, 4 ♂; Iran, Sistan va Baluchestan, Nikshar, on flowers of *Citrus aurantifolia*, 20.04.2009 leg. Majid Fallahzadeh.

Phradonoma jelineki HÁVA, 2006: 3 ♀, 3 ♂; Iran, Sistan va Baluchestan, Nikshar, on flowers of *Citrus aurantifolia*, 20.04.2009 leg. Majid Fallahzadeh.

Phradonoma nobile (REITTER, 1881): 6 ♀, 2 ♂; Iran, Sistan va Baluchestan province, Nikshar, on flowers of *Citrus aurantifolia*, 20.04.2009 leg. Majid Fallahzadeh.

The list of *Anthrenus* GEOFFROY, 1762 of the Iranian fauna was replenished. Altogether, 30 species belonging to 7 subgenera are reported from Iran.

List of *Anthrenus* Geoffroy, 1762 of the Iranian fauna

Genus *Anthrenus* Geoffroy, 1762

Subgenus *Anthrenodes* Chobaut, 1898

Anthrenus (Anthrenodes) amoenulus Reitter, 1896

Anthrenus (Anthrenodes) ineptus Háva & Tezcan, 2004

Anthrenus (Anthrenodes) jelineki Háva, 2009

Anthrenus (Anthrenodes) jordanicus Pic, 1934

Subgenus *Anthrenops* Reitter, 1881

**Anthrenus (Anthrenops) coloratus* Reitter, 1881

Anthrenus (Anthrenops) parthicus Zhantiev, 1976

Anthrenus (Anthrenops) zagrosensis Háva, 2004

Anthrenus (Anthrenops) zebra Reitter, 1889

Subgenus *Anthrenus* s. str. Geoffroy, 1762

Anthrenus (Anthrenus) delicatus delicatus Kiesenwetter, 1851

Anthrenus (Anthrenus) flavidulus Reitter, 1889

Anthrenus (Anthrenus) flavipes albopunctatus Pic, 1894

Anthrenus (Anthrenus) flavipes flavipes LeConte, 1854

Anthrenus (Anthrenus) hoberlandti Kadej, Háva & Kalík, 2007

Anthrenus (Anthrenus) latefasciatus Reitter, 1892

Anthrenus (Anthrenus) mesopotamicus Háva, 2001

- Anthrenus (Anthrenus) picturatus picturatus* Solskij, 1876
Anthrenus (Anthrenus) pimpinellae pimpinellae (Fabricius, 1775)
Anthrenus (Anthrenus) rotundulus Reitter, 1889
Anthrenus (Anthrenus) scrophulariae scrophulariae (Linnaeus, 1758)
Anthrenus (Anthrenus) similis Kadej, Háva & Kalík, 2007
Anthrenus (Anthrenus) simonis Reitter, 1881
Anthrenus (Anthrenus) warchalowskii Kadej, Háva & Kalík, 2007

Subgenus *Florilinus* Mulsant & Rey, 1868

- Anthrenus (Florilinus) caucasicus* Reitter, 1881
Anthrenus (Florilinus) museorum (Linnaeus, 1761)

Subgenus *Nathrenus* Casey, 1900

- Anthrenus (Nathrenus) pubifer* Reitter, 1899
Anthrenus (Nathrenus) transcaspicus Mroczkowski, 1960
Anthrenus (Nathrenus) verbasci (Linnaeus, 1767)

Subgenus *Ranthenus* Mroczkowski, 1962

- Anthrenus (Ranthenus) prudeki* Háva, 2002

Subgenus *Setapeacockia* Háva, 2008

- Anthrenus (Setapeacockia) mendax* Háva, 2006
Anthrenus (Setapeacockia) taricus Zhantiev, 2006

REFERENCES

- Háva J. 2007. *Dermestidae* pp. 57, 299-320. In: Löbl I. & Smetana A. (eds.): Catalogue of Palaearctic Coleoptera. Volume 4. Elateroidea, Derodontoidea, Bostrichoidea, Lymexyloidea, Cleroidea and Cucujoidea. Stenstrup: Apollo Books, 935 pp.
- 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.
- Háva J. 2009. Catalogue of Dermestidae World (Coleoptera). Permanent World Wide Web electronic Publication (open in 2004): <http://www.dermestidae.wz.cz>
- Háva J. 2009. Two species of the genus *Anthrenus* from Iran (Coleoptera: Dermestidae: Anthrenini). *Vernate* 28, 359-362.

Received: April 05, 2010

Accepted: June 09, 2010