

FIRST FAUNISTICAL RECORDS OF DERMESTIDAE (COLEOPTERA) IN ELAZIĞ PROVINCE (TURKEY)

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ABSTRACT: In this study, a total of 8 species of 3 genera belonging to 3 subfamilies (Dermestinae, Attageninae, Megatominae) from the family Dermestidae were recorded from Turkey. All of species is firstly recorded in Elazığ province of Turkey.

KEY WORDS: Coleoptera, Dermestidae, faunistics, new regional record, Elazığ, Turkey

Dermestidae is one of the smallest beetle families. This family includes more than 1600 species grouped into 62 genera (Háva, 2015). The Larvae and adults found on carcasses, dry museum specimens, homes, stored food, nests (bees, wasps, birds). Adults of some found on frequent flowers. Larder beetles (*Dermestes* spp.), Carpet beetles (*Anthrenus* spp.) and Fur beetles (*Attagenus* spp.) are widespread and common. In Turkey; Some faunistic studies on the family Dermestidae have been conducted by foreign and native researchers in Turkey (Lodos, 1998; Háva, 2000, 2002, 2003a,b, 2006, 2007; Háva & Tezcan, 2004, Tezcan et al., 2004; Háva & Herrmann, 2010; Bulak et al., 2013). In this paper new faunistic records of 8 species belonging to the family Dermestidae (Coleoptera) are given in Elazığ province of Turkey.

MATERIAL AND METHODS

The Dermestidae material was collected from Elazığ in Turkey between 2013 and 2017. The insect samples for this study were collected by pig carcas and egg trap. Some specimens were collected by sweep net.

RESULTS

Family Dermestidae

Subfamily Dermestinae

Dermestes (Dermestinus) undulatus Brahm, 1790

Material: Elazığ, Harput, 20.7.2013, 3 exc.

Distribution of Turkey: European Turkey (Háva, 2007).

General Distribution. Holarctic species (Háva, 2015).

Dermestes (Dermestinus) frischii Kugelann, 1792

Material: Elazığ, Harput, 20.7.2013, 22 exc.

Distribution of Turkey: Erzurum (Bulak et al., 2013), İzmir (Tezcan et al., 2004).

General Distribution. Cosmopolitan, mentioned by Háva from Turkey (2007, 2015).

Dermestes (Dermestinus) intermedius intermedius Kalik, 1951

Material: Elazığ, Baskil, 12.7.2013, 5 exc.

Distribution of Turkey: Muş (Bulak et al., 2013).

General Distribution. Species known from Austria; Bulgaria; Czech Republic; Crete; Croatia; Cyprus; Germany; Greece; Hungary; Italy; Macedonia; Romania; Russia; Ingushetia Republic, Osetia; Slovakia; Turkey; Ukraine (Háva, 2015).

***Dermestes (Dermestinus) erichsoni* Ganglbauer, 1904**

Material: Elazığ, Ağın, 23.5.2005., 3 exc.

Distribution of Turkey: European Turkey (Anonymous, 2017).

General Distribution. Species known from Europe; Turkey; Ukraine; Caucasus; W Russia; Syria; Algeria; Morocco; Tchad?; Tunisia (Háva, 2015).

***Dermestes (Montandonia) oliveri* Lepesme, 1939**

Material: Elazığ, Harput, 20.07.2013, 35 exc.

Distribution of Turkey: Bayburt, Erzincan Erzurum (Bulak et al., 2013).

General Distribution: Central and South Europe; Armenia; Cyprus; Georgia; Ukraine; Turkey; Tunisia; Caucasus; Iran; Lebanon; Russia; Syria; Turkmenistan (Háva, 2015).

Subfamily Attageninae

***Attagenus dispar* Redtenbacher, 1843**

Material: Elazığ, Baskil, Doğançık, 23.5.2017, 2 exc.

Distribution of Turkey: European Turkey (Háva, 2007).

General Distribution: Species known from Armenia; Greece; Turkey; Egypt; Iran; Syria (Háva, 2015).

Subfamily Megatominae

***Trogoderma versicolor* Creutzer, 1799**

Material: Elazığ, Baskil, 22.7.2014, 8 exc.

Distribution of Turkey: Afyonkarahisar, Diyarbakır (Kalkan, 1963; Güler, 2012).

Distribution. Cosmopolitan species (Háva, 2015).

***Trogoderma granarium* Everst, 1899**

Material: Elazığ, Baskil, 11.6.2015, 5 exc.

Distribution of Turkey: Widespread (Tezcan et al., 2004; Hava, 2015).

Distribution. Cosmopolitan species (Háva, 2015).

This is the first study in Elazığ province regarding the species of Dermestidae family. The study contains brief information on the distribution of this family species. Most of the species found in the region were detected for the first time in Elazığ fauna. *D. undulatus* and *D. frischii* species among these species were detected on the stinking egg in the egg sampling. Also, *T. granarium* and *T. versicolor* that are the other two of these species are among important species in our country and worldwide in terms of economic entomology. Especially, *T. granarium* species has been shown on the invasive species list in our country (Öztemiz & Doğanlar, 2015).

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