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The Evaniidae (Hymenoptera: Evanioidea) of Turkey

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A b s t r a c t : This study is based upon material collected from different localities of Turkey between 1971-2000, and the other related studies on the Evaniidae in Turkey were reviewed. As a result, five species from two genera belonged to the family Evaniidae are recorded from Turkey. *Evania cibriata* SEMENOV 1892, *Evania dimidiata* FABRICIUS 1804 and *Evania schlettereri* KOHL 1906 are new records for Turkish fauna. In addition, new localities were found for some species which have already been reported in Turkey.

K e y w o r d s : Hymenoptera, Evaniidae, *Evania*, *Prosevania*, fauna, Turkey.

Introduction

Evanioidea included families Aulacidae, Evaniidae and Gasteruptiidae. Members of the superfamily divide in two groups. Aulacidae and Gasteruptiidae which are so similar, that they are often placed in the one family and Evaniidae, which is different enough to be placed in a separate superfamily by some workers. Evaniidae contains about 14 genera and 400 species and is abundant in tropical regions. A few species are cosmopolitan, living inside warehouses and other buildings with a cockroach population. Adults seek out and oviposit in the concealed egg-cases of cockroaches; the larvae feed on the cockroach egg and pupate inside the ootheca. By most definitions, evaniids are predators (GOULET & HUBNER 1993).

Some faunal studies on this family in the Turkey have been made by BODENHEIMER (1958) and GÜL-ZÜMREOĞLU (1972).

The materials of the family Evaniidae were collected from different localities of Turkey in 1971 and 2000.

Results

In this study, five species belonged to two genera from Evaniidae were reported in Turkey.

***Evania appendigaster* (LINNAEUS 1758)**

Material examined: Adana: Yumurtalık, 25.VII.1993, ♀; Antalya: 8.VIII.1984, ♀; Hatay: İskenderun, 10.VIII.1971, ♀, Denizciler, 11.VII.1990, ♀, 10.VIII.1971, ♂.

Distribution in Turkey: İzmir (GÜL-ZÜMREOĞLU 1972).

Distribution in the world: Middle and South Europe, the Tropics and Sub-tropics of old and new world.

***Evania cibriata* SEMENOV 1892**

Material examined: Kastamonu: 10.XII.1992, ♂.

Distribution in Turkey: New for the Turkish fauna.

Distribution in the world: Iran, Turkmenistan.

***Evania dimidiata* FABRICIUS 1804**

Material examined: Adana: Balcalı, 17.VII.1985, ♂, 23.VII.1985, ♂; Adıyaman: 28.VII.1994, ♀; Batman: 26.VIII.1997, 3♂♂, 28.VIII.1997, ♂; Burdur: 30.VII.1993, ♂, 24.IX.1993, ♂; Gaziantep: 12.VII.1993, ♂, 15.VII.1993, ♂, 19.VII.2000, ♀; Hatay: İskenderun, Denizciler, 13.VII.1990, 5♂♂, ♀; Kahramanmaraş: Elbistan, 1050 m, 5.VIII.1998, ♂, 2♀♀; İçel: Erdemli, 11.VII.1991, ♀; Malatya: Yakınca, 7.IX.1991, ♀; Mardin: Kızıltepe, 21.VII.1990, 2♂♂, 22.VII.1990, ♂, 23.VII.1990, 2♀♀, 25.VII.1990, ♂, 26.VII.1990, ♂, 27.VII.1990, 3♂♂, 29.VII.1990, 2♂♂, 30.VII.1990, ♂; Niğde: Aksaray, 15.VII.1996, ♂; Sanlıurfa: Halfeti, 20.V.1991, ♂.

Distribution in Turkey: New for the Turkish fauna.

Distribution in the world: Caucasus, Iran and Turkmenistan.

***Evania schlettereri* KOHL 1906**

Material examined: Malatya: 4.IX.1992, ♂; Mus: 15.VII.1996, ♂.

Distribution in Turkey: New for the Turkish fauna.

Distribution in the world: Caucasus and Iran.

***Prosevania fuscipes* (ILLIGER 1807)**

Material examined: Ankara: 28.VII.1997, ♀, 4.VIII.1997, ♂, Yenimahalle, 22.VIII.1990, ♂; Antalya: 2.VII.1990, ♂, Yeniköy, 20.VIII.1994, ♀; Aydın: Çine, 4.VII.1990, ♀; Bursa: Uludağ, 21.VII.1996, ♂, ♀; İzmir: 28.VIII.1994, ♂; Muğla: 1.IX.1983, ♀.

Distribution in Turkey: Turkey (no locality) (BODENHEIMER 1958).

Distribution in the world: Middle and South Europe, Crimea, North America, Turkey.

Zusammenfassung

Studien an Evaniidae (Hymenoptera) in der Türkei, im Zeitraum 1971-2000, ergaben ein Artenspektrum von 5 Arten aus zwei Gattungen. *Evania cibriata* SEMENOV 1892, *Evania dimidiata* FABRICIUS 1804 und *Evania schlettereri* KOHL 1906 konnten erstmals für die Türkei nachgewiesen werden.

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