

New Faunistic Data on the Spiders of Turkey

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Abstract: Five spider species are recorded for the first time for the fauna of Turkey. These are *Dipoena torva* (Thorell, 1875) (Theridiidae), *Bolyphantes luteolus* (Blackwall, 1833) (Linyphiidae), *Tetragnatha nigrita* Lendl, 1886 (Tetragnathidae), *Asianellus festivus* (C. L. Koch, 1834) and *Dendryphantes hastatus* (Clerck, 1757) (Salticidae).

Key words: new geographical records, *Dipoena torva*, *Asianellus festivus*, *Dendryphantes hastatus*, *Bolyphantes luteolus*, *Tetragnatha nigrita*, Turkey

Introduction

The spider fauna of Turkey consists of 42 families, 310 genera and 933 species up to now (BAYRAM et al. 2012). The aim of the present study is to contribute to the knowledge of the spider fauna of the eastern Mediterranean region. Arachnological data on the ground fauna of ecosystems in this region have been provided by AYHAN (2004), DEMIR (2004), SOYSAL (2004), YENIGUN (2006), SEYYAR (2009), YALCIN (2010), AKPINAR (2011), BUCAR, DOLANSKY (2011), KUNT et al. (2011) and DEMIR et al. (2012). The present paper reports five species recorded for the first time in Turkey.

Materials and Methods

The study was carried out in olive orchards in the eastern Mediterranean region (Adana, Gaziantep, Hatay, Kahramanmaraş, Kilis, Osmaniye and Mersin) in the period 2008-2010 (Fig. 1). The spider samples were collected by two methods, by using an aspirator and by applying Steiner's method. The faunistic material was preserved in 70% ethanol. Dr. Kadir Boğaç Kunt (Turkish Arachnology Association, Ankara, Turkey) identified the spider species. The examined speci-

mens were deposited in the Arachnology Museum of the Turkish Arachnological Society.

The following abbreviations were used in the text: **J:** Juvenile, **MTAS:** Museum of the Turkish Arachnological Society, Ankara, Turkey. The number of males and females was not reported by the expert who identified these species.

Results

Theridiidae Sundevall, 1833

Dipoena torva (Thorell, 1875)

Material examined: Turkey: Adana - Ceyhan-Soysalı, MTAS, 37°8'27"N, 35°40'9"E, 25 March 2009, altitude 80 m.

General distribution: Palaearctic (PLATNICK 2012).

Linyphiidae Blackwall, 1859

Bolyphantes luteolus (Blackwall, 1833)

Material examined: Turkey: Osmaniye - Düziçi-Yarbaşı, MTAS, 37°12'37"N, 36°26'15"E, 16 October 2008, altitude 433 m.

General distribution: Palaearctic (PLATNICK 2012).

Salticidae Blackwall, 1841

Asianellus festivus (C. L. Koch, 1834)

Material examined: Turkey: 1♂, 2♀, 2J, Adana - Sarıçam-Ayvalı, MTAS, 37°9'7"N, 35°17'49"E, 5 June 2009, altitude 83 m.

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General distribution: Palaearctic (METZNER 2012, PLATNICK 2012).

***Dendryphantès hastatus* (Clerck, 1757)**

Material examined: Turkey: 2♂, 3♀, Osmaniye - Sumbas-Armağanlı, MTAS, 37°27'20"N, 36°2'52"E, 7 October 2008, altitude 119 m.

General distribution: Palaearctic (METZNER 2012, PLATNICK 2012).

Tetragnathidae Menge, 1866

***Tetragnatha nigrita* Lendl, 1886**

Material examined: Turkey: 1♂, 2J♀, Hatay - Dörtiyol-Yeniyurt, MTAS, 36°53'37"N, 36° 9'39"E, 03 August 2009, altitude 80 m.

General distribution: Palaearctic (PLATNICK 2012).

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Fig. 1. Region of the present study

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