

# Six New Records for the Turkish Spider Fauna (Arachnida: Araneae)

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**Abstract:** Six spider species, *Anelosimus vittatus* (C. L. KOCH, 1836), *Araniella displicata* (HENTZ, 1847), *Enoplognatha oelandica* (THORELL, 1875), *Euophrys herbigrada* (SIMON, 1871), *Mendoza canestrinii* (NINNI, 1868) and *Sagana rutilans* (THORELL, 1875), are reported for first time from Turkey. Exact locality and general distributions is provided for each species.

**Key words:** new records, *Anelosimus vittatus*, *Araniella displicata*, *Enoplognatha oelandica*, *Euophrys herbigrada*, *Mendoza canestrinii*, *Sagana rutilans*, Turkey

## Introduction

Arachnological studies of Turkey began towards the end of XIX century. The spider fauna of Turkey needs further study. To date, 777 species of spiders have been recorded from Turkey (TOPÇU *et al.* 2005, BAYRAM *et al.* 2010). The present study reports six species new for the Turkish araneofauna. Exact locality and general distributions is provided for each species.

## Materials and Methods

In this study, the specimens were collected from Eastern Mediterranean region of Turkey using pit-fall traps and manual collection. The specimens were preserved in 70% ethanol. The identification was made by means of a SZX61 Olympus stereomicroscope. The keys of HEIMER, NENTWIG (1991), ROBERTS (1995), and LOCKET, MILLIDGE (1951, 1953) were used for the species identification. Examined

specimens are deposited in the GUZM (Zoology Museum of Gazi University). General distribution of all species follows PLATNICK (2011).

## Results

### Theridiidae SUNDEVALL, 1833

#### *Anelosimus vittatus* (C. L. KOCH, 1836)

**Material Examined:** TURKEY: 3♂♂, 4♀♀, (GUZM), Osmaniye, Yarpuz, 36°26'E, 37°02'N, 1132 m, 20.V.2009; 4♀♀, (GUZM), İçel, Tarsus, Çamalan, 34°48'E, 37°11'N, 778 m, 02.VII.2009; 1♀, (GUZM), Osmaniye, Zorkun, 36°18'E, 37°00'N, 1028 m, 01.VII.2009; 2♂♂, 3♀♀, (GUZM), Kahramanmaraş, Andırın-Geben, 36°28'E, 37°40'N, 1299 m, 21.V.2009; 2♂♂, 4♀♀, (GUZM), Osmaniye, Zorkun, 36°18'E, 37°00'N, 1028 m, 22.VI.2010.

**Distribution:** Palearctic (PLATNICK 2011).

#### *Enoplognatha oelandica* (THORELL, 1875)

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**Material Examined:** TURKEY: 4♀♀, (GUZM), İçel, Mut, Zeyne Village, 36°26'N, 33°31'E, 415 m, 29.IV.2009.

**Distribution:** Palearctic (PLATNICK 2011).

**Araneidae CLERCK, 1757**

***Araniella displicata* (HENTZ, 1847)**

**Material Examined:** TURKEY: 1♀, (GUZM), Hatay, Erzin, Karagöl Plateau, 36°18'E 36°58'N, 1303 m, 01.VII.2009; 1♀, (GUZM), Hatay, Dörtöy, Karakese, 36°15'E 36°49'N, 221 m, 01.VII.2009.

**Distribution:** Holarctic (PLATNICK 2011).

**Salticidae Blackwall, 1841**

***Euophrys herbigrada* (Simon, 1871)**

**Material Examined:** TURKEY: 1♀, (GUZM), Adana, Kozan, Karahamzalı Village, 35°52'E 37°30'N, 399 m, 15.VIII.2009; 1♀, (GUZM), Osmaniye, Bahçe, Aşağı Arıcaklı Village, 36° 36'E, 37°11'N, 375 m, 20.V.2009.

**Distribution:** Europe (PLATNICK 2011).

***Mendoza canestrinii* (NINNI, 1868)**

**Material Examined:** TURKEY: 2♀, (GUZM), Osmaniye, Zorkun, 36°17'E 37°01'N, 765 m, 26.VI.2010.

**Distribution:** North Africa, Palearctic (PLATNICK 2011).

**Liocranidae SIMON, 1897**

***Sagana rutilans* (THORELL, 1875)**

**Material Examined:** TURKEY: 1♀, (GUZM), Kahramanmaraş, Andırın, Sarımolalı Village 37°35'N, 36°35'E, 1184 m, 21.V.2009; 2♀♀, (GUZM), Osmaniye, Hieropolis (Castabala) Castle, 37°10'N, 36°11'E, 100 m, 05.IV.2010.

**Distribution:** Europe to Georgia (PLATNICK 2011).

**Acknowledgements:** We are very grateful to the Gazi University Scientific Research Project Unit (Project N 05/2009–13) for financial support of this work.

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Received: 07.09.2011  
Accepted: 16.12.2011