

# New records of Staphylinidae (Coleoptera) from Bulgaria, Iran and Turkey

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**Abstract:** In this study, additional records of species Staphylinidae from Bulgaria, Iran and Turkey are presented, among them the first country records *Tachyporus caucasicus* KOLENATI 1846 from Iran, *Astenus bimaculatus* (ERICHSON 1840) from Bulgaria and Iran, *Bledius angustus* (MULSANT & REY 1861) from Turkey.

**Key words:** Staphylinidae, new records, Bulgaria, Iran, Turkey

Staphylinidae is the most diverse family of order Coleoptera, comprising more than 50 000 species belonging to 33 subfamilies in all zoogeographical regions of the world (HERMAN 2001; NEWTON 2007; GREBENNIKOV & NEWTON 2009).

Compared to other regions of Western Palaearctic, the current knowledge of the staphylinid fauna of Bulgaria, Iran and Turkey is still poor. So far, 1600 species and subspecies of Staphylinidae have been recorded from Turkey (ANLAŞ 2009). According to ANLAŞ & NEWTON (2010), 594 species from Iran are known. According to the catalogue LÖBL & SMETANA (2004) and ANLAŞ (personal communication) it can be estimated that there are nearly 700 staphylinid species in Bulgaria. The aim of this study is to enhance scientific knowledge on the distribution of Bulgarian, Iranian and Turkish fauna.

## Material and Method

The present paper is primarily based on material collected during many field trips to the southeast Anatolia carried out by the author and Yağmur in 2009 and 2010, as well as recent collections by Sürmen and Doğan.

Classification and nomenclature of Staphylinidae suggested by LÖBL & SMETANA (2004) has been followed in this study.

The material referred to in this study is deposited in the following collections:

cAnl – private collection of Sinan Anlaş (Izmir)

cOzg – author's private collection

## Results

Nine species belonging to Staphylinidae are reported from Bulgaria, Iran and Turkey. Amongst those, three species are new for the local faunas: *Tachyporus caucasicus* KOLENATI 1846 for Iran, *Astenus bimaculatus* (ERICHSON 1840) for Bulgaria and Iran, and *Bledius angustus* (MULSANT & REY 1861) for Turkish fauna.

### *Aleochara bipustulata* (LINNAEUS 1761)

**Material examined:** Turkey: 2 exs., 31. V. 2010, Mardin province, Mazıdağı, Gürgöze, 950 m, 37°29'08"N, 40°31'38"E, leg. Özgen; 1 ex., 20. V. 2010, Şırnak province, Silopi, near Görümlü, 1000 m, 37°20'10"N, 42°34'30"E, leg. Yağmur.

**Other announcement for Turkey:** Antalya, Gümüşhane, Hatay, Istanbul, Izmir, Kocaeli, Konya,

Malatya, Mersin, Muğla, Niğde, Ordu, Rize, Van, and Cilicia? (ANLAŞ 2009).

***Oxypoda turcica* ZERCHE 1999**

**Material examined: Turkey:** 1 ex., 21.V.2010, Diyarbakır province, Eğil 15 km SW, Eğil road, 800 m, 38°10'29"N, 40°04'44"E, leg. Özgen.

**Other announcement for Turkey:** Adıyaman, Antalya, Aydın, Gaziantep, Kahramanmaraş, Mersin, Muğla (ANLAŞ 2009). Endemic.

***Atheta aeneicollis* (SHARP 1869)**

**Material examined: Turkey:** 1 ex., 5. IV. 2008, Adıyaman province, Gölbaşı, Karakuyu vil-lage, 1 km W, 1210 m, 37°41'52"N, 37°38'14"E, leg. Yağmur; 2 exs., 13. VI. 2010, Elazığ provin-ce, 4 km E, near Doğukent, 1080 m, 38°40'50"N, 39°15'42"E, leg. Özgen.

**Remarks:** According to ANLAŞ (2009), this species was known without exact locality in Turkey. Thus, the species represents the first locality records for Turkish Staphylinidae fauna.

***Tachyporus caucasicus* KOLENATI 1846**

**Material examined: Iran:** 5 exs., 09. V. 2008, Mazandaran province, Chaloo and Noshahr, leg. Sürmen.

***Coprophilus pennifer* (MOTSCHULSKY 1845)**

**Material examined: Turkey:** 4 exs., 06. VI. 2010, Diyarbakır province, Silvan, Köprübaşı Village, leg. Özgen.

**Other announcement for Turkey:** Kayseri

and Konya (ANLAŞ 2009).

***Bledius angustus* (MULSANT & REY 1861)**

**Material examined: Turkey:** 3 exs., 13. VI. 2010, Elazığ province, 4 km E, near Doğukent, 1080 m, 38°40'50"N, 39°15'42"E, leg. Özgen.

***Oxytelus sculptus* GRAVENHORST 1806**

**Material examined: Turkey:** 4 exs., 25. V. 2010, Diyarbakır province, Hazro 4 km E, 950 m, 38°14'53"N, 40°47'21"E, leg. Özgen.

**Other announcement for Turkey:** Adana, Ankara, Mersin, Sakarya (ANLAŞ 2009).

***Astenus bimaculatus* (ERICHSON 1840)**

**Material examined: Bulgaria:** 1 ex., 27. V. 2009, Kardzhali province, Nanovitsa 4 km NW, leg. Doğan. **Iran:** 2 exs., 09. V. 2008, Mazandaran pro- vince, Noshahr 6 km S, leg. Sürmen.

***Quedius curtipennis* BERNHAUER 1908**

**Material examined: Turkey:** 2 exs., 27. V. 2010, Elazığ province, Keban 7 km SE, Ulupınar, near Birvan creek, 1160 m, 38°44'34"N, 38°51'03"E, leg. Özgen.

**Other announcement for Turkey:** Bolu, Giresun, Izmir, Manisa (ANLAŞ 2009).

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