

New records of Aleocharinae (Coleoptera: Staphylinidae) from Turkey

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Abstract: Ten species are reported from Turkey for first time: Those are *Acrotona clientula* (ERICHSON 1839), *Aloconota appulsa* (SCRIBA 1868), *A. eichhoffi* (SCRIBA 1868), *A. philonthoides* (WOLLASTON 1854), *Atheta amicornum* LOHSE 1973, *A. amricula* (STEPHENS 1832), *A. nigra* (KRAATZ 1856), *Euryusa obtabilis* HEER 1839, *Myllaena kraatzi* SHARP 1871, and *Parocyusa rubicunda* (ERICHSON 1837).

Key words: Staphylinidae, Aleocharinae, new records, fauna, Turkey

The Aleocharinae are a widespread and rather large subfamily of Staphylinidae, comprising more than 12 000 species worldwide out of 1740 genera (HERMAN 2001). According to ANLAŞ (2009), the subfamily Aleocharinae is represented by 467 species of 74 genera in Turkey, 193 (41.3%) of which occur as endemics. However, many Turkish provinces are sparsely investigated regarding their Aleocharinae species inventory.

The aim of this study is to enhance scientific knowledge on the distribution of Turkish Aleocharinae.

Material and Method

The present paper is primarily based on material collected during three field trips to the province Antalya carried out by Armin Rose in March 2000, 2001, and 2002, as well as recent collections by Sinan Anlaş and Ersen Aydın Yağmur.

Classification and nomenclature of the Aleocharinae suggested by SMETANA (2004) has been followed in this study.

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

LEMT – Lodos Entomological Museum, Izmir (S. Tezcan); cAnl. first author's private collection; cRos – second author's private collection

Results

In this study, 10 species of 6 genera belonging to 4 tribes of Aleocharinae are reported from Turkey for first time.

Subfamily Aleocharinae FLEMING 1821

Tribe Athetini CASEY 1910

Acrotona clientula (ERICHSON 1839)

Material: **Manisa:** Central province, Spil Dağı, 1100 m, 38°33'44"N, 27°23'10"E, 2 exs., 24.IV.2006, leg. Anlaş (LEMT, cAnl).

Distribution: According to SMETANA (2004), *A. clientula* was known from Europe, Russia, North Africa, Cyprus, Israel and Egypt. The species is reported from Turkey for the first time.

Aloconota appulsa (SCRIBA 1868)

Material: **Antalya:** Central province, Söğütçumavi 4 km N, roadside, hillside creek, under gravel and leaves, 1006 m, 36°44'37"N, 30°23'44"E, 1 ex., 27.III.2001; Çıralı 3 km W, river shore in de-

ciduous forest, from gravel close to tree root, 71 m, 36°25'27"N, 30°26'41"E, 4 exs., 28.III.2001; Kemer 5 km NW, rocky riverbank in canyon, 197 m, 36°36'03"N, 30°29'03"E, 2 exs., 30.III.2001; Sağırın, Köprülü Kanyon, dry grassland near river, at stones, 30 m, 37°04'33"N, 31°13'55"E, 3 exs., 17.III.2002, leg. Rose (cRos).

Distribution: *A. appulsa* was previously known from Austria, Czech Republic, France, Germany, Italy, and Poland (SMETANA 2004). The species is here reported from Turkey for the first time.

***Aloconota eichhoffi* (SCRIBA 1868)**

Material: Antalya: Central province, Arif 2 km NW, dripping water under bridge, in gravel, 795 m, 36°31'23"N, 30°00'42"E, 1 ex., 26.III.2001, leg. Rose (cRos).

Distribution: According to SMETANA (2004), *A. eichhoffi* was known from Austria, Belgium, Czech Republic, France, Great Britain, Germany, Greece, Italy, Norway, Poland, Russia, Slovakia, and Ukraine. The species is here reported from Turkey for the first time.

***Aloconota philonthoides* (WOLLASTON 1854)**

Material: Antalya: Central province, Arif 2 km NW, dripping water under bridge, in gravel, 795 m, 36°31'23"N, 30°00'42"E, 1 ex., 26.III.2001, leg. Rose (cRos).

Distribution: According to SMETANA (2004), *A. philonthoides* was known from Austria, Czech Republic, Denmark, Estonia, Finland, Great Britain, Germany, Ireland, Italy, Norway, Poland, Slovakia, Sweden, and Afrotropical Region. The species is here reported from Turkey for the first time.

***Atheta amicorum* LOHSE 1973**

Material: Antalya: Akseki, near Güçlüköy, dry hillside with terraces, 600 m, 36°48'N, 31°44'E, 1 ex., 14.III.2000, leg. Rose (cRos).

Distribution: *A. amicorum* had been reported from Austria, Belgium, Germany, Greece, and Switzerland (SMETANA 2004) but it was unknown from Turkey.

***Atheta amricula* (STEPHENS 1832)**

Material: Antalya: Alanya, Kuzyaka, hillside meadow with creek, 180 m, 36°32'N, 32°08'E, 2 exs., 12.III.2000, leg. Rose (cRos).

Distribution: According to SMETANA (2004), *A. amricula* was known from Europe, North Africa, China, Cyprus, Israel, North Korea, Russia, and Neotropical Region. The species is reported from Turkey for the first time.

***Atheta nigra* (KRAATZ 1856)**

Material: Antalya: Akseki, near Güçlüköy, single tree in field, litter and formicary sifted, 570 m, 1 ex., 16.III.2000, leg. Rose (cRos).

Distribution: *A. nigra* was known from Europe, Canary Island, Kazakhstan, North Korea, and China (SMETANA 2004). The species is reported from Turkey for the first time.

Tribe Homalotini HEER 1839

***Euryusa obtabilis* HEER 1839**

Material: Manisa: Soma, Hamidiye, 827 m, 39°16'39"N, 27°45'50"E, 2 exs., 08.IV.2007, leg. Anlaş (cAnl).

Distribution: *E. obtabilis* is widespread in Europe but had not been reported from Turkey (SMETANA 2004).

Tribe Myllaenini GANGLBAUER 1895

***Myllaena kraatzi* SHARP 1871**

Material: Antalya: Central province, Kumluca 5 km E, dry meadow with stone pines, insect net, 550 m, 36°22'47"N, 30°22'58"E, 1 ex., 25.III.2001, leg. Rose (cRos).

Distribution: According to SMETANA (2004), *M. kraatzi* was known from Europe, Algeria, Tunus, and Syria. The species is reported from Turkey for the first time.

Tribe Oxypodini THOMSON 1859

***Parocyusa rubicunda* (ERICHSOHN 1837)**

Material: Aydın: Incirliova, Arzular, 103 m, 37°53'44"N, 27°41'28"E, 3 exs., 20.VI.2005, leg. Anlaş (cAnl).

Distribution: According to SMETANA (2004), *P. rubicunda* was known from Europe, Kazakhstan, and Uzbekistan. The species is reported from Turkey for the first time.

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Нови данни за семейство Aleocharinae (Coleoptera: Staphylinidae) от Турция

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(Резюме)

Десет вида се съобщават за първи път от Турция: *Acrotona clientula* (ERICHSON 1839), *Aloconota appulsa* (SCRIBA 1868), *A. eichhoffi* (SCRIBA 1868), *A. philonthoides* (WOLLASTON 1854), *Atheta amicorum* LOHSE 1973, *A. amacula* (STEPHENS 1832), *A. nigra* (KRAATZ 1856), *Euryusa obtabilis* HEER 1839, *Myllaena kraatzi* SHARP 1871 и *Parocyusa rubicunda* (ERICHSON 1837).