

**SOME ADDITIONAL NOTES ON THE GENUS *QUEDIUS*
STEPHENS, 1829 (COLEOPTERA: STAPHYLINIDAE:
STAPHYLININAE) FAUNA OF TURKEY**

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[Özgen, İ., Khachikov, E. A. & Örgel, S. 2016. Some additional notes on the genus *Quedius* Stephens, 1829 (Coleoptera: Staphylinidae: Staphylininae) fauna of Turkey. *Munis Entomology & Zoology*, 11 (2): 619-621]

ABSTRACT: In this study, 10 species of the genus *Quedius* Stephens were recorded from different regions of Turkey. Additional notes on most of them new to certain Turkish regions and provinces are given. *Quedius sofiri* Khachikov, 2005 is recorded for the first time from Turkey.

KEY WORDS: Coleoptera, Staphylinidae, Staphylininae, *Quedius*, fauna, new record, Turkey

The beetle family Staphylinidae is the most diverse group of the order Coleoptera, comprising more than 56.000 valid species belonging to 33 subfamilies in the world (Newton, 2007; Grebennikov & Newton, 2009). According to recent contributions, about 1900 species of the family Staphylinidae are known from Turkey (Anlaş, 2007, 2009; Schülke & Smetana, 2015).

78 species of the genus *Quedius* Stephens are currently distributed in Turkey (Anlaş, 2009; Anlaş & Rose, 2009; Abacıgil et al., 2013; Firat & Sert, 2016), 20 of them occur only in Turkey and represent more than 25% of the Turkish *Quedius* fauna. Nevertheless, the *Quedius* fauna of Turkey and its distribution are still poorly investigated and many species are known only from a small number of localities.

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

MATERIALS AND METHODS

The present paper is based on material collected between the dates of 2007-2010 in the different parts of Turkey. The reference specimens in this study are deposited in the private collection of the first author. Classification and nomenclature of the genus *Quedius* suggested by Herman (2001) and Schülke & Smetana (2015) has been followed in this study.

RESULTS

***Quedius cinctus* Paykull, 1790**

Material examined: Adıyaman: 1 ex., 05.IV.2008, Gölbaşı, Karakuyu village, 1 km W, 1210 m, 37°41'52"N, 37°38'14"E, leg. Yağmur. **Kastamonu:** 2 exs., 06.IX.2010, Ilgaz Dağı, 1858 m, 41°04'41"N, 33°43'56"E, leg. Kunt.

Distribution in Turkey: Ankara, Antalya, Bolu, Eskişehir, İstanbul, İzmir, Karaman, Kırşehir, Mersin, Nevşehir, Rize, Siirt (Anlaş, 2009; Anlaş & Rose, 2009; Özgen & Anlaş, 2010; Assing, 2013; Çiftçi & Hasbenli, 2016; Firat & Sert, 2016).

***Quedius cruentus* (Olivier, 1795)**

Material examined: Bursa: 2 exs., 28.VIII.2007, Uludağ, Aynalı lake, leg. Koç.

Distribution in Turkey: Balıkesir and Manisa (Anlaş, 2009; Abacıgil et al., 2013).

***Quedius lateralis* (Gravenhorst, 1802)**

Material examined: Uşak: 2 exs., Eşme, Kısıq 2 km NE, Gediz river bank, 470 m., 38°38'06"N, 28°57'19"E, 23.IV.2010, leg. Anlaş.

Distribution in Turkey: Balıkesir, Eskişehir, Isparta, Istanbul, Izmir (Anlaş, 2009; Assing, 2013; Abacıgil et al., 2013, Fırat & Sert, 2016).

***Quedius levicollis* Brulle, 1832**

Material examined: Elazığ: 2 exs., 17.V.2011, Harput, leg. Özgen, Izmir: 10 exs., 10.XII.2008, Bayındır, Yakapınar, leg. Anlaş; 6 exs., 29.V.2010, Bozdağ Kayak Merkezi, 2000 m, leg. Anlaş; 2 exs., 28.V.2010, Buca, Kaynaklar, leg. Anlaş; 3 exs., 03.IV.2010, Menemen, Emiralem, pitfall traps, leg. Yağmur; 2 exs., 11.XII.2010, Buca, Kaynaklar, pitfall traps, leg. Yağmur. **Kütahya:** 6 exs., 24.IV.2010, Şaphane, Ilcasu 1 km N, 723 m, 38°56'58"N, 29°17'29"E, leg. Anlaş. **Malatya:** 2 exs., 14.IX.2007, Arapgir 3 km NE, 912 m, 39°04'13"N, 38°30'34"E, leg. Anlaş & Yağmur. **Manisa:** 2 exs., 30.X.2010, Turgutlu, Çıkrıkçı-Baktırlı road, leg. Anlaş; 1 ex., 30.X.2010, Gölarmara, Beyler 1 km NE, 120 m, 38°42'10"N, 27°58'56"E, leg. Anlaş.

Distribution in Turkey: Adana, Ankara, Balıkesir, Çanakkale, Erzurum, Eskişehir, Izmir, Manisa (Anlaş, 2009; Anlaş & Rose, 2009; Kesdek et al., 2009; Abacıgil et al., 2013; Surgut & Varlı, 2012; Çiftçi & Hasbenli, 2016; Fırat & Sert, 2016).

***Quedius ochripennis* Menetries, 1802**

Material examined: Izmir: 1 ex., 29.V.2010 Bozdağ Kayak Merkezi, ca. 2000 m, leg. Anlaş.

Distribution in Turkey: Adana, Ankara, Çankırı, Eskişehir, Hatay, Isparta, Istanbul, Kayseri, Kırşehir, Mardin, Nevşehir, Niğde, Yozgat (Anlaş, 2009; Japoshvili & Anlaş, 2011; Çiftçi & Hasbenli, 2016; Fırat & Sert, 2016).

Remarks: First record for the Aegean Region of Turkey.

***Quedius nitipennis* (Stephens, 1833)**

Material examined: Adıyaman: 1 ex., 02.VII.2007, Gölbaşı, Akçalar road inside 1 km, leg. Yağmur; 1 ex., 05.IV.2008, Gölbaşı, Karakuyu village, 1 km W, 1210 m, 37°41'52"N, 37°38'14"E, leg. Yağmur.

Distribution in Turkey: Adana, Ardahan, Artvin, Erzurum, Kayseri, Kocaeli, Mersin, Niğde (Anlaş, 2009; Kesdek et al., 2009; Assing, 2013).

***Quedius semiobscurus* Marsham, 1802**

Material examined: Izmir: 7 exs., 04.V.2010, 03.IV.2010 and 11.XII.2010, Buca, Kaynaklar, pitfall traps, leg. Yağmur; Menemen, Emiralem, pitfall traps, leg. Yağmur.

Distribution in Turkey: Balıkesir and Bursa (Anlaş, 2009; Abacıgil et al., 2013).

Remarks: First record for the Aegean Region of Turkey.

***Quedius sofiri* Khachikov, 2005**

Material examined: Kastamonu: 2 exs., 06.IX.2010, Ilgaz Dağı, 1858 m, 41°04'41"N, 33°43'56"E, leg. Kunt.

Remarks: This species is known only from its type locality in Russian South European Territory (Khachikov, 2005). Thus, this species is recorded for the first time from Turkey.

***Quedius suramensis* Eppelsheim, 1880**

Material examined: Kastamonu: 1 ex., 06.IX.2010 Ilgaz Dağı, 1858 m, 41°04'41"N, 33°43'56"E, leg. Kunt.

Distribution in Turkey: Artvin, Bolu, Bursa, Gümüşhane, Kastamonu, Ordu, Rize, Sakarya, Sinop, Trabzon (Coiffait, 1977, 1978; Anlaş, 2009).

***Quedius vicinus* Menetries, 1832**

Material examined: Şanlıurfa: 2 exs, 11.XI.2010, Birecik, Kelaynak Valley, leg. Anlaş & Yağmur.

Distribution in Turkey: Bolu, Giresun, Kastamonu, Kırkkale, Ordu, Rize, Sakarya, Trabzon (Korge, 1964, Bordoni, 1976, Anlaş, 2009; Fırat & Sert, 2016).

Remarks: First record for the southeastern Anatolia.

ACKNOWLEDGEMENTS

Authors would like to thank our colleagues for making their staphylinid by-catches to us.

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