

**SOME ADDITIONAL NOTES ON THE GENUS  
*PHILONTHUS* STEPHENS (COLEOPTERA:  
STAPHYLINIDAE: STAPHYLININAE) IN TURKEY**

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ABSTRACT: In this study, 24 species of the genus *Philonthus* were recorded from different regions of Turkey. Additional notes on most of them new to certain Turkish regions and provinces are given. Among them *P. concinnus* (Gravenhorst, 1802), *P. nitidicollis* (Lacordaire, 1835) and *P. rufimanus* (Heer, 1839) are found the most common and abundant species.

KEY WORDS: Coleoptera, Staphylinidae, Staphylininae, *Philonthus*, fauna, Turkey

The Staphylinidae is a widespread and rather large family of the order Coleoptera, comprising about 60.000 species belonging to 33 subfamilies in all zoogeographical regions of the world (Newton, 2007). 1600 species of Staphylinidae are listed in Turkey by Anlaş (2009), 346 of them are belong to the subfamily Staphylininae.

The genus *Philonthus* is one of the largest genus within Staphylininae, at the present state of knowledge comprising some 1200 species in the world. (Schillhammer, 1998). In Turkey, 65 *Philonthus* species are known (Anlaş, 2009, updated).

The *Philonthus* fauna of Turkey are still poorly investigated. The aim of this study is to enhance scientific knowledge on the distribution of Turkish *Philonthus*.

### MATERIAL AND METHODS

The present paper is based primarily on material collected in different parts of Turkey by using different collection methods in 2006-2011. Material is deposited in the private collection of the first author. Classification and nomenclature of the *Philonthus* suggested by Herman (2001) and Smetana (2004) has been followed in this study.

### RESULTS

#### *Philonthus alberti* (Schillhamer, 2000)

**Material examined:** **Afyonkarahisar:** 1 ex., Şuhut, Dadak 2 km N, 1320 m, 38°36'18"N, 30°26'59"E, 11.VIII.2010, leg. Anlaş. **Erzincan:** 2 exs., Refahiye, Şahverdi- Aydıncık, 1753 m, 39°50'58"N, 38°48'57"E, 17.V.2011, leg. Anlaş, Khachikov & Özgen; 2 exs., Üzümlü, Küçük Sarıkaya creek bank, 1713 m, 39°14'20"N, 39°50'02"E, 18.V.2011, leg. Anlaş, Khachikov & Özgen. **Kırklareli:** 1 ex., Demirköy, Rhodendron forest, 25.V.2010, leg. Kunt. **Distribution in Turkey:** Artvin, Bolu (Anlaş, 2009).

**Remarks:** This species is recorded for the first time from Aegean Region.

***Philonthus atratus* (Gravenhorst, 1802)**

**Material examined:** **Diyarbakır:** 1 ex., Silvan, Boyunlu, 1084 m, 38°13'45"N, 40°58'50"E, 15.IV.2010, leg. Özgen; 2 exs., Çermik, Çakmak, Çamaltı, 29.IX.2010, leg. Özgen. **Muş:** 2 exs., Buğlan Geçidi, 30.V.2011, leg. Khachikov & Kasatkin.

**Distribution in Turkey:** Ankara, Batman, Çankırı, Diyarbakır, Erzurum, Konya, Malatya, Mersin, Niğde (Anlaş, 2009; Anlaş & Rose, 2009; Kesdek et al., 2009; Özgen et al., 2010).

***Philonthus carbonarius* (Gravenhorst, 1802)**

**Material examined:** **Bursa:** 1 ex., Uludağ, Kilimli Lake, 2279 m, 40°04'57"N, 23°13'31"E, 28.VII.2008, leg. Koç. **Kahramanmaraş:** 2 exs., Başkonuş Yaylası, 41°59'58"N, 37°28'61"E, 1291 m, 21.VI.2007, leg. Yağmur.

**Distribution in Turkey:** Antalya, Ardahan, Bingöl, Elazığ, Erzurum, Kars, Manisa (Anlaş, 2009; Anlaş & Rose, 2009a; Kesdek et al., 2009; Özgen & Anlaş, 2010).

***Philonthus cochleatus* (Scheerpeltz, 1937)**

**Material examined:** **Muş:** 3 exs., Varto, 31.V.2011, leg. Khachikov & Kasatkin.

**Distribution in Turkey:** Adana (Smetana, 1954; Anlaş, 2009).

**Remarks:** This species is recorded for the first time from Eastern Anatolia.

***Philonthus cognatus* (Stephens, 1832)**

**Material examined:** **Afyonkarahisar:** 3 exs., Şuhut, Dadak 2 km N, 1320 m, 38°36'18"N, 30°26'59"E, 11.VIII.2010, leg. Anlaş. **Gaziantep:** 2 exs., Şahinbey, Sarısalkım 1 km S, 12.XI.2006, leg. Yağmur. **İzmir:** 4 exs., Bozdağ Zirve, 2500 m, 28.III.2007, leg. Anlaş. **Manisa:** 1 ex., Turgutlu, Ovacık Yaylası, 14.VII.2006, leg. Anlaş.

**Distribution in Turkey:** Ardahan, Artvin, Erzurum, Kars, Mersin, Trabzon, (Anlaş, 2009; Kesdek et al., 2009).

**Remarks:** This species is recorded for the first time from Western Anatolia.

***Philonthus concinnus* (Gravenhorst, 1802)**

**Material examined:** **Afyonkarahisar:** 3 exs., Sinanpaşa 15 km SW, Uluköy 2 km N, 1600 m, 38°42'48"N, 30°04'40"E, 23.IV.2010, leg. Anlaş. **Bursa:** 4 exs., Uludağ, Kovukdere Lake (Saklıgöl) 2206 m, 40°05'12"N 29°12'22"E 29.VII.2008, leg. Koç; 1 ex., Uludağ, Aynalı Gölü, 2310 m, 40°04'13"N, 29°14'01"E, 30.VIII.2008, leg. Koç; 2 exs., Uludağ, Kilimli Lake, 2279 m, 40°04'57"N, 23°13'31"E, 28.VII.2008, leg. Koç. **Diyarbakır:** 1 ex., Silvan, Boyunlu, 1084 m, 38°13'45"N, 40°58'50"E, 15.IV.2010, leg. Özgen; 2 exs., Silvan, Boyunlu 4 km S, 21.V.2010, leg. Özgen; 2 exs., Ergani pass, 26.V.2010, leg. Özgen; 2 exs., Eğil road 3 km inside, 04.VI.2010, leg. Özgen; 5 exs., Eğil, Kalkan, 21.V.2010, leg. Özgen & Yağmur; 3 exs., Çermik, Artuklu, 775 m., 38°08'26"N, 39°31'33"E, 01.VI.2010, leg. Özgen. **Elazığ:** 1 ex., Doğukent, 12.VI.2010, leg. Özgen; 1 ex., Gümüşkavak, 13.VI.2010, leg. Özgen. **Erzincan:** 6 exs., 17.V.2011, Refahiye, Şahverdi-Aydıncık, 1753 m, 39°50'58"N, 38°48'57"E, leg. Anlaş, Khachikov & Özgen. **Gaziantep:** 3 exs., Şahinbey, Sofalıcılı village, Sof Mts., 37°08'42"N, 37°07'44"E, 23.III.2008, leg. Yağmur. **Gümüşhane:** 4 exs., 16.V.2011, Kelkit, Çimenli, 1689 m, 39°58'06"N, 39°22'48"E, leg. Anlaş, Khachikov & Özgen. **İzmir:** 6 exs., Ödemiş, Bozdağlar, road to ski resort, ca. 1600 m, 38°21'N, 28°06'E, 21.V.2006, leg. Anlaş. **Malatya:** 1 ex., Hekimhan 2 km NW, İpekyolu beldesi, Girmana mevki, 25.VII.2007, leg. Yağmur. **Manisa:** 3 exs., Spil National Park, ca. 1200 m, 38°33'43"N, 27°23'25"E, 30.IX.2006, leg. Anlaş; 2 exs., Spil National Park, ca. 1000 m, 38°33'N, 27°23'E, 27.IX.2008, leg. Anlaş. **Mersin:** 4 exs., Çamlıyayla, Korucak 1 km E, 715 m, 37°08'56"N, 34°42'51"E, 22.VII.2010, leg. Anlaş. **Muş:** 2 exs., Buğlan Geçidi, 30.V.2011, leg. Khachikov & Kasatkin; 2 exs., Varto, 31.V.2011, leg. Khachikov & Kasatkin. **Siirt:** 5 exs., Baykan 4 km NE, ca. 770 m, 38°11'42"N, 41°49'03"E, 17.XI.2010, leg. Anlaş. **Tunceli:** 2 exs., Pülümür 3 km SE, 19.V.2011, leg. Anlaş, Khachikov & Özgen. **Uşak:** 4 exs., Eşme, Kısıcık 2 km NE, Gediz river bank, 470 m., 38°38'06"N, 28°57'19"E, 29.V.2010, leg. Anlaş.

**Distribution in Turkey:** Adana, Ankara, Antalya, Ardahan, Bingöl, Bolu, Diyarbakır, Erzincan, Erzurum, Iğdır, Kayseri, Konya, Manisa, Mardin, Mersin, Tunceli (Anlaş, 2009; Anlaş & Rose, 2009; Kesdek et al., 2009; Özdemir & Sert, 2009; Özgen & Anlaş, 2010; Özgen et al., 2010).

***Philonthus corruscus* (Gravenhorst, 1802)**

**Material examined:** **Gümüşhane:** 2 exs., Kelkit, Çimenli, 1689 m, 39°58'06"N, 39°22'48"E, 16.V.2011, Anlaş, Khachikov & Özgen. **Manisa:** 1 ex., Otoman, 330 m, 38°44'47"N, 27°10'34"E, 04.X.2008, leg. Anlaş. **Muş:** 1 ex., Buğlan Geçidi, 30.V.2011, leg. Khachikov & Kasatkin.

**Distribution in Turkey:** Adana, Ankara, İzmir, Mardin, Mersin? (Anlaş, 2009; Özdemir & Sert, 2009; Özgen & Anlaş, 2010).

***Philonthus cruentatus* (Gmelin, 1790)**

**Material examined:** **Gümüşhane:** 2 exs., Kelkit, Yukarı Özlüce 4 km S, 1615 m, 39°58'27"N, 39°29'42"E, 16.V.2011, Anlaş, Khachikov & Özgen.

**Distribution in Turkey:** Antalya, Denizli, İstanbul (Anlaş, 2009; Anlaş & Rose, 2009).

**Remarks:** This species is recorded for the first time from Eastern Anatolia.

***Philonthus debilis* (Gravenhorst, 1802)**

**Material examined:** **Afyonkarahisar:** 3 exs., Şuhut, Dadak 2 km N, 1320 m, 38°36'18"N, 30°26'59"E, 11.VIII.2010, leg. Anlaş. **Erzincan:** 1 ex., Refahiye, Şahverdi-Aydıncık, 1753 m, 39°50'58"N, 38°48'57"E, 17.V.2011, Anlaş, Khachikov & Özgen.

**Distribution in Turkey:** Adana, Ankara, Denizli, Mersin (Anlaş, 2009).

**Remarks:** This species is recorded for the first time from Eastern Anatolia.

***Philonthus ebeninus* (Gravenhorst, 1802)**

**Material examined:** **Elazığ:** 2 exs., Doğukent, 12.VI.2010, leg. Özgen. **Muş:** 2 exs., Buğlan Geçidi, 30.V.2011, leg. Khachikov & Kasatkin; 1 ex., Varto, 31.V.2011, leg. Khachikov & Kasatkin.

**Distribution in Turkey:** Adana, Antalya, Bursa, İzmir, Mersin (Anlaş, 2009; Anlaş & Rose, 2009).

**Remarks:** This species is recorded for the first time from Eastern Anatolia.

***Philonthus fumarius* (Gravenhorst, 1806)**

**Material examined:** **Muş:** 1 ex., Buğlan Geçidi, 30.V.2011, leg. Khachikov & Kasatkin; 1 ex., Varto, 31.V.2011, leg. Khachikov & Kasatkin.

**Distribution in Turkey:** İstanbul (Apfelbeck, 1901; Anlaş, 2009).

**Remarks:** This species is recorded for the first time from Eastern Anatolia.

***Philonthus intermedius* (Lacordaire, 1835)**

**Material examined:** **Adıyaman:** 4 exs., Gölbaşı, Akçalar road inside 1 km, 02.VII.2007, leg. Yağmur; 3 exs., Gölbaşı, Karakuyu village, 1 km W, 1210 m, 37°41'52"N, 37°38'14"E, 05.IV.2008, leg. Yağmur. **Erzincan:** 1 ex., Üzümlü, Küçük Sarıkaya creek bank, 1713 m, 39°14'20"N, 39°50'02"E, 18.V.2011, Anlaş, Khachikov & Özgen. **Gümüşhane:** 2 exs., Kelkit, Yukarı Özlüce 4 km S, 1615 m, 39°58'27"N, 39°29'42"E, 16.V.2011, Anlaş, Khachikov & Özgen. **İzmir:** 6 exs., Ödemiş, Bozdağlar, road to ski resort, ca. 1600 m, 38°21"N, 28°06"E, 21.V.2006, leg. Anlaş. **Muş:** 1 ex., Buğlan Geçidi, 30.V.2011, leg. Khachikov & Kasatkin.

**Distribution in Turkey:** Ankara, Antalya, Denizli, İzmir, Kahramanmaraş, Mardin, Mersin (Anlaş, 2009; Anlaş & Rose, 2009; Özgen & Anlaş, 2010).

***Philonthus micans* (Gravenhorst, 1802)**

**Material examined:** **Kırklareli:** 2 exs., Demirköy, Hamam Gölü, 01.IX.2009, leg. Kunt.

**Distribution in Turkey:** Mersin [Tarsus (=Tarsous), Caramania] (Peyron, 1858; Fauvel, 1874; Herman, 2001; Anlaş, 2009).

**Remarks:** This species is recorded for the second time from Turkey.

***Philonthus nitidicollis* (Lacordaire, 1835)**

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

**Denizli:** 3 exs., Babadağ, 1450 m 37°47'16"N, 28°47'45"E, 12.IV.2009, leg. Yağmur.

**Dişarbakır:** 1 ex., Dicle university campus, 05.VI.2010, leg. Özgen. **Gaziantep:** 3 exs., Şehitkamil, Sofalıcı 5 km SW, 37°07'44"N, 37°05'13"E, 23.III.2008, leg. Yağmur. **İzmir:** 7 exs., Bozdağ Zirve, 2500 m, 28.III.2007, leg. Anlaş; 5 exs., Bozdağ Kayak Merkezi, ca. 2000 m, 29.V.2010 and 28.VII.2009, leg. Anlaş; 5 exs., Karaburun, Hades cave, 06.04.2009, leg. Yağmur & Durmuş. **Manisa:** 4 exs., Spil National Park, ca. 1200 m, 38°33'43"N, 27°23'25"E, 30.IX.2006, leg. Anlaş. **Mardin:** 2 exs., Mazıdağı, Gürgöze, 950 m., 37°29'16"N, 40°31'06"E, 31.V.2010, leg. Özgen. **Siirt:** 8 exs., Baykan 4 km NE, ca. 770 m, 38°11'42"N, 41°49'03"E, 21.V.2010 and 17.XI.2010, leg. Anlaş & Yağmur. **Şırnak:** 2 exs., Dicle river 4 km W, Yalıntepe village, 12.V.2007, leg. Yağmur.

**Distribution in Turkey:** Adana, Ankara, Antalya, Bingöl, Gaziantep, Isparta, İzmir, Konya, Siirt (Anlaş, 2009; Anlaş & Rose, 2009; Özgen & Anlaş, 2009; Japoshvili & Anlaş, 2011).

***Philonthus parvicornis* (Gravenhorst, 1802)**

**Material examined:** **Muş:** 2 exs., Varto, 31.V.2011, leg. Khachikov & Kasatkin.

**Distribution in Turkey:** Isparta, Muğla (Anlaş, 2009; Assing, 2013).

**Remarks:** This species is recorded for the first time from Eastern Anatolia.

***Philonthus quisquiliarius* (Gyllenhal, 1810)**

**Material examined:** **Dişarbakır:** 2 exs., Eğil, Kalkan 1 km SW, 38°08'37"N, 40°03'37"E, 13.IV.2008, leg. Yağmur; 1 ex., Eğil road 3 km inside, 04.VI.2010, leg. Özgen; 2 exs., Eğil, Kalkan, 21.V.2010, leg. Özgen & Yağmur.

**Distribution in Turkey:** Adana, Ankara, Izmir, Mersin (Anlaş, 2009; Özgen et al., 2010).  
**Remarks:** This species is recorded for the first time from Eastern Anatolia.

***Philonthus rotundicollis* Menetries, 1832**

**Material examined:** **Erzincan:** 2 exs., Üzümlü, Küçük Sarıkaya creek bank, 1713 m, 39°14'20"N, 39°50'02"E, 18.V.2011, Anlaş, Khachikov & Özgen.

**Distribution in Turkey:** Gaziantep (Anlaş, 2007, 2009).

***Philonthus rubripennis* (Stephens, 1832)**

**Material examined:** **Mardin:** 2 exs., 31.V.2010, Mazıdağı, Gürgöze, 950 m, 37°29'08"N, 40°31'38"E, leg. Özgen. **Tunceli:** 1 ex., 13.IX.2007, Ovacık, Munzur Gözeleri, leg. Anlaş. 2 exs., Pülümür 3 km SE, 19.V.2011, Anlaş, Khachikov & Özgen. **Uşak:** 3 exs., Eşme, Kısık 2 km NE, Gediz river bank, 470 m, 38°38'06"N, 28°57'19"E, 23.IV.2010, leg. Anlaş.

**Distribution in Turkey:** Erzurum, Mersin (Anlaş, 2009; Kesdek et al., 2009).

***Philonthus rufimanus* (Heer, 1839)**

**Material examined:** **Bursa:** 3 exs., Uludağ, Aynalı Gölü, 28.VIII.2007, leg. Koç. **Elazığ:** 2 exs., Doğukent, 1080 m, 38°40'50"N, 39°15'42"E, 27.V.2010 and 01.VIII.2010, leg. Özgen; 1 ex., Gümüşkavak, 02.VIII.2010, leg. Özgen; 2 exs., Keban, Ulupınar 2 km NW, 1009 m, 38°43'58"N, 38°49'46"E, 20.V.2011, Anlaş, Khachikov & Özgen. **Gümüşhane:** 1 ex., Manastır 3 km N, Cehennem valley, 1867 m, 40°31'56"N, 39°36'16"E, 15.V.2011, Anlaş, Khachikov & Özgen. **Kahramanmaraş:** 2 exs., Andırın, Boztopraklı, ca. 700 m, ca. 37°31'N, 36°22'E, 23.VI.2007, leg. Yağmur. **Kilis:** 3 exs., Musabeyli, Akbayır, 08.VII.2006, leg. Anlaş. **Kütahya:** 4 exs. Simav 10 km NW, near Simav Lake, 720 m, 39°10'32"N, 28°55'21"E, 24.IV.2010, leg. Anlaş; 2 exs., Simav 5 km W, Yeşilköy 1 km N, 24.IV.2010, leg. Anlaş. **Malatya:** 2 exs., Arapgir 3 km NE, 912 m, 39°04'13"N, 38°30'34"E, 14.IX.2007, leg. Anlaş. **Manisa:** 3 exs., Soma, Yağcılı, 256 m, 39°20'07"N, 27°40'34"E, 08.IV.2007, leg. Anlaş; 1 ex., Selendi, Eskin, 29.VII.2007, leg. Anlaş; 4 exs., Demirci çayı, Bozköy 2 km E, 342 m, 38°52'55"N, 28°31'47"E, 24.IV.2010, leg. Anlaş. **Mardin:** 2 exs., Mazıdağı, Gürgöze, 950 m, 37°29'08"N, 40°31'38"E, 31.V.2010, leg. Özgen. **Muş:** 1 ex., Buğlan, 30.V.2011, leg. Khachikov & Kasatkin; 2 exs., Varto, 31.V.2011, leg. Khachikov & Kasatkin. **Siirt:** 7 exs., Baykan 4 km NE, ca. 770 m, 38°11'42"N, 41°49'03"E, 21.V.2010, leg. Anlaş. **Tunceli:** 1 ex., Ovacık, Munzur Gözeleri, 13.IX.2007, leg. Anlaş; 3 exs., Ovacık, Ağaçpınar 6 km E, Munzur river banks, 1197 m, 39°21'28"N, 39°15'51"E, 13.IX.2007, leg. Anlaş; 4 exs., Tunceli 5 km N, Anafatma, Munzur river bank, 920 m ca. 39°07'N, 39°30'E, 13.IX.2007, leg. Anlaş & Yağmur; 6 exs., Çemişgezek 1,5 km NW, Ormanyolu creek, 948 m, 39°04'06"N, 38°54'18"E, 14.IX.2007, leg. Anlaş; 3 exs., Çemişgezek, Payamdüzü, 955 m, 38°59'57"N, 39°02'28"E, 14.IX.2007, leg. Anlaş & Yağmur; 1 ex., 19.V.2011, Pülümür 3 km SE; 19.V.2011, leg. Anlaş; 2 exs., Uzuntarla 2 km E, leg. Anlaş. **Uşak:** 8 exs., Eşme, Kısık 2 km NE, Gediz river bank, 470 m, 38°38'06"N, 28°57'19"E, 23.IV.2010 and 29.V.2010, leg. Anlaş.

**Distribution in Turkey:** Aydın, Bayburt, Izmir, Kilis, Mersin? Manisa, Tunceli (Anlaş, 2009; Anlaş & Rose, 2009).

***Philonthus succicola* (Thomson, 1860)**

**Material examined:** **Kırklareli:** 1 ex., Demirköy, Dupnisa-Sarpdere road, 01.X.2009, leg. Kunt.

**Distribution in Turkey:** Istanbul (Apfelbeck, 1901; Anlaş, 2009).

***Philonthus svanetiensis* (Coiffait, 1974)**

**Material examined:** **Erzincan:** 1 ex., Üzümlü, Küçük Sarıkaya creek bank, 1713 m, 39°14'20"N, 39°50'02"E, 18.V.2011, Anlaş, Khachikov & Özgen.

**Distribution in Turkey:** Artvin, Erzurum, Rize (Assing, 2007; Anlaş, 2009).

***Philonthus tenuicornis* Mulsant & Rey, 1853**

**Material examined:** **Kırklareli:** 1 ex., İğneada-Demirköy, Siglioba, 03.X.2009, leg. Kunt. **Manisa:** 1 ex., Otoman, 330 m, 38°44'47"N, 27°10'34"E, 04.X.2008, leg. Anlaş.

**Distribution in Turkey:** Not cited (Smetana, 2004; Anlaş, 2009).

**Remarks:** This species is reported for the first time as exact locality records.

***Philonthus umbratilis* (Gravenhorst, 1802)**

**Material examined:** **Tunceli:** 1 ex., Tunceli 5 km N, Anafatma, Munzur river bank, 920 m ca. 39°07'N, 39°30'E, 13.IX.2007, leg. Anlaş & Yağmur.

**Distribution in Turkey:** Not cited (Smetana, 2004; Anlaş, 2009).

**Remarks:** This species is reported for the first time as exact locality records.

***Philonthus varians* (Paykull, 1789)**

**Material examined:** **Gümüşhane:** 1 ex., Torul 10 km SW, 1314 m, 40°30'34"N, 39°17'16"E, 14.V.2011, Anlaş, Khachikov & Özgen.

**Distribution in Turkey:** Mersin, Sinop (Peyron, 1858; Anlaş, 2009; Assing, 2010).

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