

CONTRIBUTION TO THE KNOWLEDGE OF STAPHYLINIDAE FAUNA OF TURKEY (COLEOPTERA)

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[Kesdek, M., Yıldırım, E., Anlaş, S. & Tezcan, S. 2009. Contribution to the knowledge of Staphylinidae fauna of Turkey (Coleoptera). Munis Entomology & Zoology, 4 (2): 392-401]

ABSTRACT: This study is based upon material collected from different localities in Turkey between 1968 and 2005. As a result, totally 46 species belonging to Staphylinidae are recorded in Turkey. *Phloenomus pusillus* (Gravenhorst, 1806) and also the genus are new records for Turkish fauna. In addition, new localities have been found for some species which have already been reported in Turkey.

KEY WORDS: Coleoptera, Staphylinidae, new records, fauna, Turkey.

The Staphylinidae is a widespread and rather large family of Coleoptera, with about 50.000 species worldwide in 32 subfamilies. The first distributional checklist of the Staphylinidae of Turkey was made by Anlaş (2009), who reported 1595 species and subspecies occurring in Turkey. Despite many contributions there are still some parts of the country, especially in central, eastern and northern Anatolia which have not been studied thoroughly.

The aim of this paper is to present the complete records of preserved material to researchers and relevant parties.

MATERIAL AND METHOD

The material of the family Staphylinidae was collected from different localities of Turkey in 1968-2005. Provinces of the collected specimens are given in alphabetical order in the following list. The material is deposited in the Entomology Museum, Erzurum, Turkey (EMET). Subfamilies and tribes were given in phylogenetic order and species were listed alphabetically within each tribus.

Material have been determined by S. Anlaş, V. Assing (Germany) and A. Bordoni (Italy). Classification and nomenclature of the Staphylinidae suggested by Herman (2001) and Löbl & Smetana (2004) have been followed in this study.

RESULTS

In this study, 46 species belonging to eight subfamilies of Staphylinidae were reported in Turkey.

Staphylinidae Latreille, 1802

Omaliinae MacLeay, 1825

Tribe Omaliini MacLeay, 1825

Phloenomus pusillus (Gravenhorst, 1806)**Material examined:** **Erzurum:** 1900 m, 11.VI.1980, 21 exs., **Kars:** Sarıkamış, 1600 m, 20.V.1996, 1 ex.**Distribution in Turkey:** *P. pusillus* was previously known from Europe, North Africa and Russia (Löbl & Smetana, 2004).

The species and also genus are here reported from Turkey for the first time.

Tachyporinae MacLeay, 1825

Tribe Tachyporini MacLeay, 1825

Tachinus fimetarius Gravenhorst, 1802**Material examined:** **Erzurum:** University field, 1850 m, 11.V.2000, 1 ex.**Distribution in Turkey:** Konya (Horion, 1967).***Tachyporus chrysomelinus (Linnaeus, 1758)*****Material examined:** **Ardahan:** Göle, Türkeşli, 1915 m, 15.X.2005, 1 ex., Posof, Ilgar Pass, 2340 m, 18.VIII.2004, 1 ex.; **Bayburt:** 11.VIII.1992, 1 ex., Kop Mountain, 2450 m, 10.VII.1992, 1 ex., Oruçbey, 17.VIII.1996, 1 ex., Aydıntepe, 3.VI.1992, 1 ex., Demirözü, 23.VI.1992, 1 ex.; **Erzurum:** University field, 1850 m, 28.VII.1997, 1 ex., 23.VIII.1996, 1 ex., Pasinler, Hamamderesi, 1850 m, 26.X.2005, 1 ex., Şenkaya, Çakırbaba Pass, 2450 m, 4.IX.2004, 2 exs.; **Kars:** Sarıkamış, Çatak, 1940 m, 16.X.2005, 3 exs., Güneyli, 1775 m, 7.X.2005, 1 ex., Soğukçeşme, 2150 m, 7.X.2005, 2 exs.**Distribution in Turkey:** Turkey (No locality) (Löbl & Smetana 2004).***Tachyporus hypnorum (Fabricius, 1775)*****Material examined:** **Bayburt:** 11.VII.1992, 1 ex., Kop Mountain, 10.VII.1992, 1 ex., Demirözü, 23.VII.1992, 1 ex.; **Erzincan:** Mercan, Altunkent, 1250 m, 4.X.2005, 1 ex.; **Erzurum:** Dadaşköy, 1800 m, 17.VI.2004, 2 exs., Esendere, 14.V.2001, 1 ex., University field, 1850 m, 11.V.2000, 4 exs., 15.VI.1998, 9 exs., 26.VII.1997, 3 exs., Köprüköy, 1600 m, 18.V.2005, 1 ex., Oltu, 1300 m, 8.VII.1988, 1 ex.; **Kars:** Sarıkamış, Çatak, 1940 m, 16.X.2005, 2 exs.**Distribution in Turkey:** Adıyaman, Ankara, Aydın, Bilecik, İzmir, Kahramanmaraş, Manisa, Malatya, Mersin, Muğla, Tunceli (Anlaş, 2009).***Tachyporus nitidulus (Fabricius, 1781)*****Material examined:** **Ardahan:** Posof, Ilgar Pass, 2450 m, 25.VII.2005, 1 ex.; **Bayburt:** Aydıntepe, 3.VI.1992, 1 ex.; **Erzurum:** University field, 1850 m, 11.V.2000, 1 ex., Aşkale, 1900 m, 25.VIII.1998, 1 ex., Pasinler, 1600 m, 18.VII.1974, 1 ex.; **Kars:** Sarıkamış, Karakurt, 1650 m, 16.V.2005, 1 ex.**Distribution in Turkey:** Ankara, Aydın, Bursa, İstanbul, İzmir, Kayseri, Manisa, Mersin (Anlaş, 2009).

***Tachyporus pusillus* Gravenhorst, 1806**

Material examined: Erzurum: Esendere, 14.V.2001, 1 ex., University field, 1850 m, 27.VII.2005, 1 ex.

Distribution in Turkey: İzmir (Anlaş, 2009).

***Tachyporus scitulus* Erichson, 1839**

Material examined: Erzurum: Ilca, Eğreti, 1750 m, 2.X.2004, 1 ex.; Kars: 1810 m, 3.VIII.2005, 1 ex.

Distribution in Turkey: Mersin (Peyron, 1858).

Aleocharinae Fleming, 1821

Tribe Aleocharini Fleming, 1821

***Aleochara bilineata* Gyllenhal, 1810**

Material examined: Erzurum: 1850 m, 11.VI.1980, 1 ex., 15.VII.1988, 1 ex., 30.VIII.1988, 5 exs., Kombina, 1800 m, 5.IX.1988, 2 exs.

Distribution in Turkey: Artvin, Gümüşhane (Anlaş, 2009).

***Aleochara laevigata* Gyllenhal, 1810**

Material examined: Erzurum: Dadaşköy, 1800 m, 17.VI.2004, 1 ex., Güngörmez, 2400 m, 28.VII.1998, 1 ex.

Distribution in Turkey: Bitlis, Gümüşhane, İstanbul, İzmir, Mersin, Şanlıurfa, Van (Anlaş, 2009).

***Aleochara tristis* Gravenhorst, 1806**

Material examined: Artvin: Genya Mountain, 1575 m, 2.VII.2004, 1 ex.; **Erzurum:** Nenehatun, 1900 m, 21.IV.2002, 1 ex., Tekederesi, 1950 m, 2.VII.2004, 1 ex., Şenkaya, Çakırbaba Pass, 2450 m, 9.VIII.2003, 1 ex.

Distribution in Turkey: Artvin, Bingöl, Bitlis, Bursa, Erzurum, Gaziantep, Hatay, Kahramanmaraş, Konya, Malatya, Manisa, Mardin, Mersin, Osmaniye (Anlaş, 2009).

Tribe Athetini Casey, 1910

***Nehemitropia lividipennis* (Mannerheim, 1830)**

Material examined: Erzurum: Pasinler, 1750 m, 16.X.2004, 1 ex.

Distribution in Turkey: İstanbul, Manisa, Tunceli (Anlaş, 2009).

Oxytelinae Fleming, 1821

Tribe Deleasterini Reitter, 1909

***Deleaster dichrous* (Gravenhorst, 1802)**

Material examined: Erzurum: Kombina, 1800 m, 30.VIII.1988, 1 ex., University field, 1850 m, 29.VI.1996, 1 ex., 8.VII.1996, 1 ex., 18.VII.1996, 1 ex., 22.VII.1997, 1 ex., 26.VII.1996, 2 exs., 26.VII.1997, 1 ex., 28.VII.1997, 1 ex., 26.VIII.1997, 1 ex.

Distribution in Turkey: Adana (Smetana, 1967a).

Tribe Oxytelini Thomson, 1858
***Anotylus inustus* (Gravenhorst, 1806)**

Material examined: **Artvin:** Genya Mountain, Kafkasör, 1655 m, 10.VII.2005, 1 ex.;
Erzurum: University field, 1850 m, 11.V.2000, 1 ex., Şenkaya, Çakırbaba Pass, 2450 m,
 9.VIII.2003, 1 ex.

Distribution in Turkey: Bursa, Istanbul, Kilis, Konya, Mersin (Anlaş, 2009).

***Anotylus speculifrons* (Kraatz, 1857)**

Material examined: **Erzurum:** 11.VI.1980, 1 ex., İspir, 1100 m, 15.V.1982, 1 ex.

Distribution in Turkey: Ankara, Balıkesir (Anlaş, 2009).

***Oxytelus piceus* (Linnaeus, 1767)**

Material examined: **Erzurum:** 1850 m, 11.VI.1980, 1 ex., Güzelyayla, 2200 m, 4.X.2005,
 2 exs., University field, 1850 m, 26.VI.1996, 1 ex., 29.VI.1996, 2 exs., 14.VII.1997, 1 ex.,
 22.VII.1997, 1 ex., 26.VII.1997, 3 exs., Oltu, 1300 m, 8.VI.1988, 1 ex.

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

Oxyporinae Fleming, 1821
***Oxyporus rufus* (Linnaeus, 1758)**

Material examined: **Erzurum:** 1900 m, 7.VI.1972, 1 ex.

Distribution in Turkey: Turkey (No locality) (Löbl & Smetana 2004).

Steninae MacLeay, 1825
***Stenus pallitarsis* Stephens, 1833**

Material examined: **Erzurum:** Aşkale, 1900 m, 25.VIII.1988, 2 exs.

Distribution in Turkey: Istanbul, Mersin? (Anlaş, 2009).

***Stenus similis* (Herbst, 1784)**

Material examined: **Kars:** Sarıkamış, 1700 m, 26.VII.1996, 1 ex.

Distribution in Turkey: Mersin? (Peyron, 1858).

Paederinae Fleming, 1821
 Tribe Paederini Fleming, 1821
***Leptobium gracile* (Gravenhorst, 1802)**

Material examined: **Ardahan:** Posof, Ilgar Mountain, 2450 m, 25.VII.2005, 1 ex.;
Erzincan: Tercan, Demirkapı, 1330 m, 25.V.2005, 1 ex., Yaylacık, 1650 m, 25.V.2005, 1 ex.;
Erzurum: 1900 m, 20.VI.1968, 1 ex., Aşkale, Ortabağçe, 1965 m, 4.VII.2005, 1 ex.,

KöprükÖy, Örentaş, 1870 m, 9.VIII.2004, 3 exs., Pasinler, Hamamderesi, 1750 m, 7.V.2006, 1 ex.

Distribution in Turkey: Adana, Adıyaman, Ankara, Antalya, Balıkesir, Bilecik, Burdur, Bursa, Çankırı, Diyarbakır, Erzurum, Eskişehir, Giresun, Gümüşhane, Hakkari, Isparta, İstanbul, İzmir, Kayseri, Konya, Malatya, Manisa, Muğla, Samsun, Sivas, Tunceli, Van (Anlaş, 2009).

***Paederus fuscipes* Curtis, 1826**

Material examined: **Erzurum:** 1850 m, 11.VI.1980, 1 ex., Esendere, 14.V.2001, 1 ex., Tekederesi, 1900 m, 13.VI.2005, 1 ex., University field, 1850 m, 29.V.1996, 1 ex., 12.VIII.1996, 1 ex., 23.VIII.1996, 1 ex., 28.VII.1997, 1 ex.; **Muğla:** Köyceğiz, 10.VIII.1996, 1 ex.

Distribution in Turkey: Ankara, Diyarbakır, Gaziantep, İstanbul, İzmir, Manisa, Mardin, Trabzon (Anlaş, 2009).

***Paederus littoralis* Gravenhorst, 1802**

Material examined: **Ardahan:** Hanak, 1820 m, 15.X.2005, 3 exs., Göle, 1900 m, 11.VI.2005, 1 ex., Posof, Aşıkzülali, 1960 m, 26.VII.2005, 4 exs., Ilgar Mountain, 2450 m, 18.IV.2004, 1 ex.; **Artvin:** Genya Mountain, Kafkasör, 1575, 2.VII.2004, 1 ex., Şavşat, Düzenli1700 m, 11.VI.2000, 1 ex.; **Erzurum:** Börekli, 2125 m, 7.VII.2005, 1 ex., Esendere, 14.V.2002, 1 ex., Kombina, 5.IX.1988, 1 ex., Tekederesi, 1950 m, 2.VII.2004, 1 ex., University field, 1850 m, 11.VI.1990, 1 ex., 28.VII.1997, 1 ex., Aşkale, Ortabahçe, 1890 m, 19.IX.2005, 3 exs., Pırnakapan, 1990 m, 15.IX.2005, 1 ex., Ilıca, Rizekent, 1930 m, 14.X.2004, 1 ex., Karayazı, Karaağıl, 1875 m, 26. X.2005, 3 exs., KöprükÖy, Güzelhisar, 1825 m, 26.X.2005, 1 ex., Örentaş, 1870 m, 9.VIII.2004, 2 exs., Oltu, 1383 m, 12.VII.2004, 1 ex., Subatik, 1300 m, 28.III.2002, 2 exs., Yayla Pass, 2450 m, 18.VII.2004, 1 ex., Olur, Yeşilbağlar, 1300 m, 24.X.2002, 1 ex., Pasinler, Hamamderesi, 1800 m, 20.IV.2005, 1 ex., Şenkaya, Çatalema, 24.IX.2000, 2 exs., Uzundere, 1100 m, 18.X.2002, 1 ex.; **Kars:** Kağızman, Aydıncavak, 1350 m, 17.V.2005, 1 ex., Sarıkamış, Çatak, 1940 m, 16.X.2205, 1 ex., Karakurt, 1650 m, 18.V.2005, 2 exs., Soğukçeşme, 2150 m, 7.X.2005, 2 exs.; **Samsun:** Çarşamba, 20.VIII.1995, 1 ex.; **Trabzon:** Arsin, Gölcük, 25.IV.1997, 1 ex.

Distribution in Turkey: Bilecik, Mardin, Sakarya, Şanlıurfa (Anlaş, 2009).

***Rugilus orbiculatus* (Paykull, 1789)**

Material examined: **Erzurum:** Ilıca, Yoncalık, 1730 m, 21.X.2004, 1 ex.

Distribution in Turkey: İstanbul, İzmir, Manisa (Anlaş, 2009).

Staphylininae Latreille, 1802 Tribe Staphylinini Latreille, 1802 ***Creophilus maxillosus* (Linnaeus, 1758)**

Material examined: **Erzurum:** University field, 1850 m, 7.VI.1972, 1 ex., 20.VII.1971, 2 exs., 20.VIII.1990, 1 ex.; **Iğdır:** 850 m, 5.VI.1969, 1 ex..

Distribution in Turkey: Adana, Gaziantep, Hatay, İzmir, Kayseri, Manisa, Mersin (Anlaş, 2009).

***Emus hirtus* (Linnaeus, 1758)**

Material examined: Ankara: Çamlıdere, 5.VII.1994, 1 ex.; Artvin: 26.VI.1996, 2 exs.

Distribution in Turkey: Ankara, Manisa (Anlaş, 2009).

***Ocypus curtipenis* Motschulsky, 1849**

Material examined: Hatay: İskenderun, Karayılan, 12.V.2004, 1 ex.

Distribution in Turkey: Bursa, İstanbul, İzmir (Anlaş, 2009).

***Ocypus helleni* G. Müller, 1926**

Material examined: Ardahan: Posof, Aşıkzülali, 1960 m, 26.VII.2005, 1 ex.; Erzurum: 1850 m, 30.VII.1973, 1 ex., 28.IX.1993, 1 ex., Konaklı, 2400 m, 22.VII.2000, 1 ex., Palandöken, 2200 m, 27.VII.2003, 1 ex., University field, 1850 m, 17.V.2003, 1 ex., Oltu, Yayla Pass, 2450 m, 8.IX.2004, 1 ex., Şenkaya, Sındıran, 2100 m, 26.IX.2000, 1 ex.

Distribution in Turkey: Kayseri (Coiffait, 1974).

***Ocypus sericeicollis* (Ménétriés, 1832)**

Material examined: Erzurum. Aşkale, Ortabahçe, 1890 m, 19.IV.2005, 1 ex.

Distribution in Turkey: Ankara, İzmir, Manisa, Şanlıurfa (Anlaş, 2009).

***Ontholestus murinus* (Linnaeus, 1758)**

Material examined: Erzurum: 18.VII.1971, 1 ex.

Distribution in Turkey: İzmir, Kütahya (Anlaş, 2009).

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

Material examined: Erzurum: Şenkaya, Çakırbaba Pass, 2450 m, 23.VIII.2004, 1 ex.

Distribution in Turkey: Ankara, Konya Mersin, Niğde (Anlaş, 2009).

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

Material examined: Ardahan: Çamlıçatak, 1915 m, 15.X.2005, 1 ex., Göle, Türkeşin, 1970 m, 25.VII.2005, 1 ex.; Erzurum: Tekederesi, 2100 m, 19.IX.2005, 1 ex., Aşkale, Ortabahçe, 1890 m, 19.IX.2005, 1 ex., Karayazı, Yeniköy, 1820 m, 26.10.2005, 1 ex.; Kars: Sarıkamış, Çatak, 1940 m, 16.X.2005, 1 ex.

Distribution in Turkey: No locality cited (Herman, 2001; Löbl & Smetana, 2004).

***Philonthus caucasicus* Nordmann, 1837**

Material examined: **Erzurum:** 20.VI.1973, 1 ex., Dadaşköy, 1850 m, 7.VII.2005, 2 exs., Kombina, 5.IX.1988, 1 ex.

Distribution in Turkey: Kırşehir, Mersin (Anlaş, 2009).

***Philonthus cognatus* Stephens, 1832**

Material examined: **Ardahan:** Çamlıçatak, 1915 m, 4.VIII.2005, 1 ex., Göle, 2010 m, 18.VIII.2004, 1 ex., Türkeşin, 1970 m, 25.VII.2005, 1 ex.; **Artvin:** Yusufeli, Zeytinlik, 279 m, 10.VI.2005, 1 ex.; **Erzurum:** Börekli, 2125 m, 7.VII.2005, 3 exs., Tekederesi, 2100 m, 2.VII.2004, 1 ex., Tepeköy, 1905 m, 19.IX.2005, 1 ex., Aşkale, Ortabahçe, 1890 m, 19.IX.2005, 3 exs., Çat, Taşlıgüney, 1950 m, 13.X.2005, 2 exs., Pasinler, Hamamderesi, 1800 m, 7.X.2004, 1 ex., Şenkaya, Çakırbaba Pass, 2450 m, 23.VIII.2004, 1 ex.; **Kars:** Sarıkamış, Çatak, 1940 m, 16.X.2005, 1 ex., Mescitli, 7.X.2005, 1 ex., Yağbasan, 1950 m, 16.X.2005, 2 exs.

Distribution in Turkey: Mersin, Trabzon (Anlaş, 2009).

***Philonthus concinnus* Gravenhorst, 1802**

Material examined: **Ardahan:** Göle, Tahtakıran, 2080 m, 26.VII.2005, 1 ex., Posof, Aşıkzülali, 1960 m, 26.VII.2005, 1 ex., Ilgar Pass, 2450 m, 15.X.2005, 2 exs.; **Erzincan:** Mercan, Yollarüstü, 1650 m, 26.V.2005, 1 ex.; **Erzurum:** Dadaşköy, 1800 m, 30.V.2005; 3 exs., Esendere, 14.V.2001; 3 exs., Kombina, 5.IX.1988, 1 ex., University field, 1850 m, 9.IV.2005, 1 ex., Aşkale, Kop Pass, 2128 m, 19.VII.2005, 2 exs., Çat, Taşlıköy, 1950 m, 13.X.2005, 1 ex., Köprüköy, Güzelhisar, 1825 m, 26.X.2005, 1 ex., Ilcasu, 2340 m, 5.VIII.2004, 1 ex., Örentaş, 9.VIII.2004, 4 exs., Oltu, 30.VI.1991, 1 ex., Yayla Pass, 2350 m, 13.VI.2005, 2 exs., Umudum Yaylası, 2100 m, 26.VI.2003, 1 ex., Pasinler, 2400 m, 15.VI.1996, 1 ex., Hamamderesi, 1800 m, 16.V.2005, 3 exs., Şenkaya, 2.VI.1989, 1 ex.; **İğdir:** Tuzluca, Gaziler, 1020 m, 16.V.2005, 1 ex., Pirlı 1100 m, 3.VI.2004, 1 ex., **Konya:** Güneysınır, Gürağaç, 1020 m, 28.VIII.2005, 1 ex.

Distribution in Turkey: Adana, Ankara, Bolu, Kayseri, Konya, Manisa, Mersin, Tunceli (Anlaş, 2009).

***Philonthus laminatus* (Creutzer 1799)**

Material examined: **Erzurum:** 1850 m, 1.VII.1972, 1 ex.

Distribution in Turkey: Ankara, Bahkesir, Muğla, Tunceli (Anlaş, 2009).

***Philonthus rectangulus* Sharp 1874**

Material examined: **Erzurum:** University field, 1850 m, 16.VII.1996, 1 ex., 28.VII.1997, 2 exs., 6.VIII.1996, 1 ex., 23.VIII.1996, 1 ex.; **Trabzon:** Maçka, 18.VIII.1991, 1 ex.

Distribution in Turkey: Ankara, Şanlıurfa, Tunceli (Anlaş, 2009).

***Philonthus rubripennis* Stephens, 1832**

Material examined: **Erzurum:** 11.VI.1980, 1 ex.

Distribution in Turkey: Mersin, Tunceli (Anlaş, 2009).

***Philonthus turbidus* Erichson, 1839**

Material examined: **Ardahan:** Posof, Aşıkzülali, 1960 m, 26.VII.2005, 1 ex.; **Erzurum:** Esendere, 14.V.2001, 1 ex., Kombina, 1800 m, 30.VIII.1988, 2 exs., 5.IX.1988, 2 exs., Palandöken, 2200 m, 6.IX.1988, 1 ex., University field, 1850 m, 26.VII.1995, 1 ex., 27.VIII.1996, 1 ex, 28.VIII.1997, 4 exs.

Distribution in Turkey: Turkey (No locality) (Löbl & Smetana 2004).

***Platydracus stercorarius* (Olivier, 1795)**

Material examined: **Ardahan:** Damal, 1910 m, 15.X.2005, 1 ex., Posof, Aşıkzülali, 1960 m, 26.VII.2005, 1 ex; **Artvin:** Genya Dağı, 1575 m, 2.VII.2004, 3 exs.; **Erzurum:** Tekederesi, 1900 m, 1.X.2004, 1 ex., Aşkale, Pırnakapan, 1920 m, 14.X.2004, 1 ex., Pasinler, Hamamderesi, 1800 m, 20.IV.2005, 1 ex.; **Kars:** 1810 m, 3.VIII.2005, 3 exs.; **Konya:** Çumra, 1020 m, 23.VIII.2003, 1 ex.

Distribution in Turkey: Rize, Trabzon (Anlaş, 2009).

***Quedius levicollis* (Brullé, 1832)**

Material examined: **Erzurum:** Aşkale, 1800 m, 14.X.2004, 1 ex.

Distribution in Turkey: Adana, Ankara, Manisa (Anlaş, 2009).

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

Material examined: **Ardahan:** Posof, Aşıkzülali, 1960 m, 26.VII.2005, 1 ex, Ilgar Pass, 2340 m, 18.VIII.2004, 1 ex.; **Artvin:** Genya Dağı, 1575 m, 2.VII.2004, 1 ex.; **Erzurum:** Börekli, 2125, 7.VII.2005, 1 ex., Tekederesi, 2100 m, 19.IX.2005, 1 ex., Aşkale, Ortabahçe, 1790 m, 1.IX.2005, 5 exs., Karayazı, Yeniköy, 1820 m, 26.X.2005, 5 exs., Pasinler, Hamamderesi, 1800 m, 16.V.2005, 1 ex.

Distribution in Turkey: Adana, Kayseri, Mersin, Niğde (Smetana, 1967b).

***Staphylinus caesareus* Cederhjelm, 1798**

Material examined: **Ardahan:** Posof, Aşıkzülali, 1960 m, 26.VII.2005, 1 ex, Ilgar Pass, 2340 m, 18.VIII.2004, 1 ex.; **Artvin:** Şavşat, Yavuzköy, 1680, 11.VI.2005, 1 ex., **Erzincan:** Mercan, Topdurağı, 1340 m, 4.VIII.2003, 1 ex.; **Erzurum:** Tekederesi, 1900 m, 1.X.2004, 1 ex., Nenehatun, 1900 m, 21.IV.2002, 1 ex., Ilıca, Rizekent, 1930 m, 14.X.2004, 1 ex., İspir, Madenköprübaşı, 1100 m, 17.VII.1992, 1 ex., Oltu, Çamlıbel, 1750 m, 17.V.2004, 2 exs., Pasinler, Hamamderesi, 1800 m, 20.IV.2005, 1 ex., Şenkaya, Sındıran, 1950 m, 24.V.2005, 4 exs.; **Kars:** Kağızman, Değirmendere, 1150 m, 17.V.2005, 1 ex., Sarıkamış, Karakurt, 1650 m, 17.IV.2002, 1 ex.; **Konya:** Güneysınır, Örenboyalı, 1020 m, 28.XI.2002, 1 ex.

Distribution in Turkey: Adıyaman, Ankara, Erzurum, Giresun, Kayseri, Malatya, Mersin, Niğde, Trabzon, Tunceli (Anlaş, 2009).

Tribe Xantholinini Erichson, 1839
***Gauropterus sanguinipennis* (Kolenati, 1846)**

Material examined: **Erzincan:** Üzümlü, Yalnızbağ, 1525 m, 26.V.2005, 1 ex.; **Erzurum:** Nenehatun, 1900 m, 21.IV.2002, 1 ex., Aşkale, Pırnakapan, 1920 m, 14.X.2004, 1 ex., Horasan, 1650 m, 26.IX.2000, 3 exs., Köprüküyü, 1600 m, 27.V.2004, 1 ex., 18.VI.2005, 1 ex., Pasinler, Hamamderesi, 1800 m, 16.V.2005, 1 ex., Şenkaya, Çatalelma, 2200 m, 26.IX.2000, 1 ex.; **Iğdır:** Tuzluca, Cincevat, 1050 m, 17.V.2005, 1 ex.; **Kars:** Sarıkamış, Akkurt, 1550 m, 16.V.2005, 1 ex.

Distribution in Turkey: Adana, Amasya, Ankara, Antalya, Batman, Bayburt, Bilecik, Bingöl, Bitlis, Bursa, Erzurum, Eskişehir, Gaziantep, Hakkari, Hatay, Isparta, İzmir, Kars, Kastamonu, Konya, Malatya, Manisa, Mersin, Muğla, Niğde, Sakarya, Siirt, Şırnak, Tunceli, Van, Zonguldak (Anlaş, 2009).

***Gyrohypnus angustatus* Stephens, 1833**

Material examined: **Ardahan:** Posof, Ilgar Pass, 2450 m, 1 ex., **Erzurum:** Kombina, 1800 m, 5.IX.1988, 1 ex., Dadaşköy, 1800 m, 7.VII.2005, 1 ex.

Distribution in Turkey: Amasya, Ankara, Artvin, Aydın, Bayburt, Bitlis, Bolu, Bursa, Erzurum, Giresun, Isparta, İstanbul, İzmir, Kastamonu, Konya, Kütahya, Manisa, Mersin, Ordu, Osmaniye, Rize, Sinop, Zonguldak (Anlaş, 2009).

***Gyrohypnus yiderimi* Bordoni, 2003**

Material examined: **Erzurum:** Kombina, 1800 m, 30.VIII.1988, 1 ex., 5.IX.1988, 1 ex.

Distribution in Turkey: Erzurum (Bordoni, 2003).

***Megalinus scutellaris* (Fauvel, 1900)**

Material examined: **Antalya:** Kumluca, 8.V.1998, 1 ex.

Distribution in Turkey: Adana, Ankara, Antalya, Çanakkale, Denizli, İzmir, Manisa, Mersin (Anlaş, 2009).

***Xantholinus audrasi* Coiffait, 1956**

Material examined: **Ardahan:** Posof, Aşıkzülali, 1960 m, 26.VII.2005, 1 ex.; **Erzurum:** Esendere, 14.V.2001, 1 ex., Şenkaya, Çakırbaba Pass, 2450 m, 12.X.2005, 3 exs.; **Kars:** Sarıkamış, Karakurt, 1650 m, 7.X.2005, 1 ex., Soğuksu, 2100 m, 9.X.1998, 1 ex.

Distribution in Turkey: Ankara, Antalya, Ardahan, Artvin, Bolu, Burdur, Çankırı, Erzincan, Erzurum, Giresun, İzmir, Manisa, Mersin, Muğla (Anlaş, 2009).

ACKNOWLEDGEMENTS

The authors would like to express gratitude to our colleagues for their assistance in collecting some of the material and Dr. Volker Assing (Germany) and Mr. Arnaldo Bordoni (Italy) for identifications / confirmations of part of the material.

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