

Additional Data to the Lamellicornia Fauna of Turkey (Coleoptera: Lamellicornia)

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ROZNER I., ROZNER GY.: *Additional Data to the Lamellicornia Fauna of Turkey (Coleoptera: Lamellicornia)*. **Abstract:** Between 1977 and 2006 researchers of the Hungarian Entomological Society conducted 9 collecting trips to Turkey. In this paper the authors provide a list of the Lamellicornia species with collecting data, collected on these trips. 12 families, 64 genera, 270 species and subspecies are listed. The records of 20 species are new as previous published records of these don't exist. The newly recorded species are: *Aphodius gagatinus* Mén., *A. planicollis* (Reitt.), *A. equinus* (Fald.), *A. pustulifer* Reitt., *A. abchasicus* Reitt., *A. citellorum* Sem. et Medv., *A. nanoides* (Balth.), *A. lucidus* Klug, *Oxyomus silvestris* (Scop.), *Pleurophorus apicipennis* Reitt., *Rhyssenus algiricus meridionalis* Reitt., *Bubas bison* (L.), *Onthophagus similis* (Scriba), *Onthophagus tesquorum* Sem. et Medv., *Eulasia arctos arctos* (Pall.), *Eulasia korbi* (Petr.), *Homaloplia ruricola* (Fabr.), *Hoplia caucasica* Kol., *Hoplia cylindrica* Reitt., *Hoplia pollinosa* Kryn.

Keywords: faunistics, biodiversity, beetle, Turkey

Introduction

Since 1970 Hungarian entomologists, benefiting from a newly introduced passport policy, organised several collecting trips to the countries of the Balcan and to Asia Minor. In 1988 the introduction of the so-called "World Passport" in Hungary made further travels possible. Entomologists of the Hungarian Entomological Society brought home large collections of insects from abroad for the Hungarian Natural History Museum, several other museums and for private collections.

Overview of the collecting expeditions conducted by Hungarian entomologists in Turkey

Hungarian entomological research in Turkey already started in the first third of the 19th century. Imre Frivaldszky (1799-1876) was the first notable entomologist, who between 1833 and 1845 conducted zoological expeditions there. In 1846 he undertook another collecting expedition to Asia-Minor, with his nefew and understudy János Frivaldszky (1822-1895). In 1870 he worked in Smyrna (Izmir), Bursa and int he Olympus Mountains (Ulu Dağ) with his preparator János Pável, who was also an excellent lepidopterist.

In 1844 János Frivaldszky travelled to Crete, where he stayed for 10 months, collecting insects. From Crete he sailed to Asia-Minor where he continued his entomological

work, once again in Smyrna, Bursa and in the Olympus Mountains. He returned to Hungary in 1845.

Among the other well-known and important Hungarian zoologists Lajos Bíró (1856-1931) should be mentioned, who in 1925 undertook a collecting journey to Turkey.

During the recent decades, with the improved conditions for private motorists, entomological research in Turkey and Asia-Minor gained a new impetus. It became possible to undertake larger collecting trips and travel longer distances.

Coleopterological collecting conducted in recent years:

1977: western and southern Asia-Minor, Attila Podlussány, Mrs Judit Podlussány and Lajos Podlussány.

1984: István Rozner, Mrs. Augusztia Rozner, Dezső Szalóki and Dr. Sándor Tóth collected in West and Central Anatolia, in Cappadocia and in the Taurus Mountains.

1987: István Rozner, Mrs Augusztia Rozner collected in West and Central Anatolia and in the Pontus-Taurus Mountains.

1989: Attila Podlussány, Mrs. Judit Podlussány, István Rozner, Mrs. Augusztia Rozner collected in Central and East Anatolia, in the Ararat Mountains (Ağrı Dağı) and the valley of the River Aras.

1990: The researchers of the Hungarian Entomological Society: József Muskovits, András Orosz, Attila Podlussány, Dezső Szalóki, Kálmán Székely and Gergő Várkonyi circled Lake Van and collected Anatolia-wide.

1996: Attila Podlussány, István Rozner and Dezső Szalóki, undertook a three weeks long collecting trip during which they have visited the northwest regions of Asia-Minor, the Lower Caucasian Mountains and the Pontus-Taurus Mountains.

2001: György Rozner and Mrs. Ibolya Rozner collected in West-Anatolia.

Smaller collections were also made when the collectors' focus shifted to Iran and Syria. Traveling by motorcar to these destinations, collections were made in Turkey while in transit:

2000: György Fábián, Kálmán Gaskó, György Rozner, Lajos Szécsényi, Kálmán Székely collected on the way to Iran.

2004 and 2006: László Nádai, Nikola Rahme, György Rozner, Mrs. Ibolya Rozner, Kálmán Székely collected on the way to Syria.

Method of determining and recording the scarabaeoid material collected in Turkey

The collected material was processed by István Rozner and György Rozner. This article contains the data of the Lamellicornia material obtained in 9 collecting expeditions. The list of species is composed after Baraud (1992). Distribution and level of occurrence of the species are based on published records and on our own experiences.

The list of taxa contains 12 families, 64 genera and 270 species and subspecies.

Data and abbreviations of the species list

The data is shown in the list of species in the following manner: family and genus names in the **bold** and *bold italics*, species in the *italics* synonyms as shown in Hungarian literature in the *italics* with brackets, names of food plants also with italics and districts with regular letters, collecting localities and related data such as altitude, time of collecting and the names collectors abbreviated. Notes regarding the species are marked with the - sign.

Abbreviations:

Mt, Mts. = hegy, hegység, Dağ, Dağlari, mount, mountains; **v.** = völgy, valley; **prov.** = megye, vilayet, county; **TN** = tápnövény, food plant

Abbreviations of the collectors' names (surnames first):

ÁL = Ábrahám Levente; GK = Gaskó Kálmán; HB = Herczig Béla; OA = Orosz András; PA = Podlussány Attila; RA = Rozner Istvánné; RIB = Rozner Ibolya; RG = Rozner György; RI = Rozner István; RN = Rahme Nikola; ROG = Ronkay Gábor; SC = Szabóky Csaba; SZD = Szalóki Dezső; SZK = Székely Kálmán; TS = Tóth Sándor

List of species and collecting data**Lucanidae**

Dorcus MacLeay, 1819

Dorcus parallelepipedus (Linnaeus, 1758) - prov. Artvin: Cakurtaran-pass, 800 m, 1996. VII. 1-2., RI; prov. Isparta: 15 km of Sütcüler, Sipahiler, 2001. V. 23., RG et RIB - General distribution: European-Siberian species. Occurrence: sporadic and rare.

Trogidae

Trox Fabricius, 1775

Trox hispidus (Pontoppidan, 1763) - prov. Sivas: Gürün, 1500 m, 1990. V. 28-29., SC - General distribution: Euroasiatic species. Occurrence: sporadic and not frequens.

Trox scaber (Linnaeus, 1767) (= *Trox barbosus* Laicharting, 1781) - prov. Erzurum: Aksu, 1650 m, 1996. VI. 28., at light, SZD - General distribution: Palearctic species. Occurrence: sporadic and very rare.

Geotrupidae

Typhoeus Leach, 1815

Typhoeus fossor Waltl, 1838 - prov. Eskişehir: Karaagac Köyü, 1989. VI. 12., RI; prov. Izmir: Bergama, 1990. IV. 24., PA; prov. Edirne: 20 km SE of Edirne, 109 m, 2006. IV. 16., RG et RIB; prov. Antalya: Güney, 1984. V. 10., SZD; prov. Adana: Kabasakal, 1990. IV. 3., SZD; prov. Adiyaman: Cendere Köprü, 1990. IV. 6., SZD; Narince, 1990. IV. 7., SZD - General distribution: East-Mediterranean species. Occurrence: sporadic and not frequens.

Geotrupes Latreille, 1796

Geotrupes (s.str.) mutator Marsham, 1802 - prov. Nevşehir: Kappadokia, Göreme, 1984. V. 16-17., RI, RA et SZD; prov. Gümüşhane: Mts. Gümüşhane, 1600 m, Alucra, 1987. V. 19., RI - General distribution: European species, which occurs in the Caucasus Mountains. Occurrence: sporadic and rare.

Geotrupes (s.str.) spiniger (Marsham, 1802) - prov. Erzincan: Ganiefendi Çiflik Köyü, 1200 m, 1996. VI. 27., SZD - General distribution: West-Palaearctic species. Occurrence: sporadic and not frequent.

Geotrupes (s.str.) stercorarius (Linnaeus, 1758) - prov. Erzincan: Mts. Keşiş, Derekorosu, 1989. VI. 7., RI; prov. Rize: Ovitdağı, 2600 m, 1996. VII. 3-4., RI - General distribution: European species. Occurrence: wide-spread and frequent.

Glyptogeotrupes Nikolajev, 1979

Glyptogeotrupes molestus (Faldernann, 1835) - prov. Rize: Ovitdağı, 2600 m, 1996. VII. 3-4., RI et SZD - General distribution: Caucasian species. This is very rare in Turkey.

Thorectes Mulsant, 1842

Thorectes (s.str.) brullei anatolicus Jekel, 1865 - prov. Çanakkale: Ezine, 1984. V. 2., SZD; prov. Izmir: Bergama (Pergamon), 1984. V. 3., RI et RA - General distribution: Mediterranean species. This subspecies occurs in Anatolia, not frequent.

***Lethrus* Scopoli, 1777**

Lethrus (s.str.) brachicollis Fairmaire, 1855 - prov. Kesan: Hamidiye, 1984. V. 1., RI - General distribution: Balkan-Anatolian species. Occurrence: sporadic, rare.

Lethrus (s.str.) fallax Nilolajev, 1975 - prov. Edirne: Koru Dağ, 1989. V. 22., RI - General distribution: Balkan-Asiatic species. Occurrence: sporadic and rare.

Hybosoridae***Hybosorus* Macleay, 1819**

Hybosorus illigeri Reiche, 1853 - prov. İçel, Mersin, 1984. V. 12., SZD - General distribution: Mediterranean species. Occurrence: sporadic and not frequent.

***Seleucosorus* Kuijten, 1983**

Seleucosorus punctatissimus (Reiche, 1861) (= *Hybosorus punctatissimus* Reiche, 1861) - prov. Muğla: 5 km NW of Kargı, Katrancı, 2001. V. 18-20., RG et RIB - General distribution: Anatolian species, which also occurs in Syria.

Ochodaecidae***Ochodaecus* Serville, 1825**

Ochodaecus cornifrons Solsky, 1876 - prov. İçel: Anamuryum, 1984. V. 11., SZD - General distribution: European-Turanian species. Occurrence: wide-spread, but is rare.

Ochodaecus integriceps Semenov, 1891 - prov. İçel: Mts. Taurus, Çamlyayla, soil traps, 1984. V. 15., RI; Narlikuyu, 1984. V. 12., SZD; prov. Isparta: 15 km of Sütcüler, Sipahiler, 2001. V. 23., RG et RIB; prov. Antalya: 10 km N of Manavgat, Bucakseyhler, 2001. V. 22., RG et RIB; prov. Muğla: 5 km NW of Kargı, Katrancı, 2001. V. 18-20., RG et RIB; Karaböğürtlen, 2001. V. 17., RG et RIB - General distribution: Caucasian species. Occurrence: wide-spread, but is rare.

Ochodaecus thalyroides Reitter, 1893 - prov. Edirne: 4 km N of Kesan, 2001. V. 12., RG et RIB - General distribution: Balkan species. It is in the European Turkey sporadic and rare.

Aphodiidae***Aphodius* Illiger, 1798**

Aphodius (Acanthobodilus) immundus Creutzer, 1799 - prov. İçel: Mts. Taurus, Kerimler, 1984. V. 13., RI; Mts. Taurus, 1600 m, Çamlyayla, 1984. V. 15., RI et RA; Mts. Taurus, Yavca, 1984. V. 13., SZD; prov. Sakarya: Düzce, 1984. V. 20., RI et RA; prov. Burdur: Dinar, 1984. V. 6., RI et RA; prov. Ankara: Pazar, shore of lake, 1984. V. 19., RI et SZD; Yassihöyük, 1987. V. 27., RI; Izzettin, 30 km E of Kirikkale, 1987. V. 13., RI; Keskin, 1984. V. 18., SZD; prov. Samsun: Mahmutlu, 700 m, 1996. VII. 8., RI et SZD; prov. Çorlu: Marmaracik, 1987. VI. 3., RI; vi. Erzincan: 5 km E of Erzincan, 1996. VI. 27., RI; Ganiefendi Çiflik Köyü, 1200 m, 1996. VI. 27., at light, SZD; prov. Antalya: Antalya, 1984. V. 7., SZD; - General distribution: Palearctic species. Occurrence: wide-spread and common.

Aphodius (Acrossus) depressus (Kugelann, 1792) - prov. Sakarya: Esmе, 1987. V. 11., RI et RA; prov. Çorum: Alaçahöyük, 1987. V. 15., RI et RA; prov. Artvin: Cankurtaran-pass, 800 m, 1996. VII. 1-2., RI - General distribution: Euroasiatic species. Occurrence: wide-spread and frequent.

Aphodius (Acrossus) gagatinus Ménétris, 1832 - prov. Ardahan: Yalınçam, 2500 m, 1996. VI. 30., RI - General distribution: Caucasian-Turanian species. This is a new record for Turkey.

Aphodius (Acrossus) luridus (Fabricius, 1775) - prov. Denizli: Pamukkale, Hierapolis, 1984. V. 5., RI; prov. İzmir: Bergama, (Pergamon), 1984. V. 3., RI; prov. Burdur: Dinar, 1984. V. 6., RI et SZD; prov. İçel: Mts. Taurus, Kerimler, 1984. V. 13., RI; Mts. Taurus, Çamlyayla, 1984. V. 15., RI et SZD; Mts. Taurus, Yavca, 1984. V. 13., RI et SZD; prov. Çorlu: Marmaracik, 1987. VI. 3., RI et RA; Lüleburgaz, 1987. V. 11., RI et RA; prov. Eskişehir: Yazılıkaya, 1987. V. 29., RI et RA; Sükraili Köyü, 1987. V. 29., RI et RA; Çukurca Köyü, 1987. V. 29., RI; prov. Çorum: Sekerhacılı, 1987. V. 15., RI et RA; prov. Ankara: Pazar, 1984. V. 19., SZD; Pazar, 1987. V. 12., RI et RA; Izzettin, 30 km E of Kirikkale, 1987. V. 13., RI; Akyarma-pass, 1500 m, bank of Aktas-river, 1987. V. 12., RI et RA; 50 km S of Ankara, 1094 m, 2006. IV. 17., RG et RIB; prov. Gümüşhane: Mts. Gümüşhane, 1600 m, Alucra, 1987. V. 19., RI et RA; Telme, 1987. V. 20., RI et RA; prov. Sivas: Kizilli, 1987. V. 24., RI; 13 km E of Zara, 1987. V. 23., RI et RA; Kizil Dağ, 1900 m, 1987. V. 23., RI; Ortagöze, 1987. V. 23., RI et RA; prov. Erzurum: Egerti, 1987. V. 22., RI et RA; Askale, 1987. V. 22., RI et RA; Horasan, 1990. IV. 13., SZD; Erzurum, 1990. IV. 13., SZD; prov. Kars: Mts. Ararat, 1989. VI. 4., RI; prov. Ağrı: Meydandağı,

1989. VI. 3., RI; Sarıcan, 1990. IV. 12., SZD; prov. Tarsus: Gülek, 808 m, 2006. IV. 17., RG et RIB; prov. Afyon: Çobankaya, 2001. V. 24., RG et RIB; Çalısar, 2001. V. 25., RG et RIB; Ayazini, 1990. IV. 18., SZD; prov. Adiyaman: Narince, 1990. IV. 7., SZD; Nemrut Dađı, 1990. IV. 6., SZD; Kâhta, Karakus, 1990. IV. 6., SZD; prov. Diyarbakir: Alipaşa, 1990. IV. 9., SZD; prov. Bitlis: Küçüksu, 1990. IV. 10., SZD; prov. Gaziantep: Gaziantep, 1990. IV. 5., SZD; prov. Siirt: Silvan, 1990. IV. 9., SZD - General distribution: Palearctic species. Occurrence: wide-spread and common.

Aphodius (Acrossus) planicollis (Reitter, 1890) - prov. Artvin: Yalnızçam pass, 2000 m, 1996. VII. 1., SZD - General distribution: Caucasian species. This is a new record for Turkey.

Aphodius (Acrossus) rufipes (Linnaeus, 1758) - prov. Artvin: Çankurtaran-pass, 860 m, 1996. VII. 1-2., RI - General distribution: Holarctic species. Occurrence: wide-spread and not frequent.

Aphodius (Agrilinus) ater (De Geer, 1774) - prov. Artvin: Çankurtaran-pass, 800 m, 1996. VII. 1-2., RI - General distribution: Palearctic species. Occurrence: sporadic, not frequent.

Aphodius (Alocoderus) lineimargo Reitter, 1892 (= *turbatus* Baudi, 1870) - prov. Van: Kızıltaş, 1989. VI. 2., RI; prov. Afyon: 15 km NE of Afyon, Atlıhisar, 2001. V. 24., RG et RIB; prov. Burdur: Dinar, 1984. V. 6., SZD - General distribution: West-Asiatic species. Occurrence: sporadic and rare.

Aphodius (Amidorus) cribrarius Brullé, 1836 - prov. Erzurum: Egerti, 1987. V. 22., RI et RA; prov. Sivas: Kızıl Dađ, 1900 m, 1987. V. 23., RI et RA; prov. Erzincan: Basköy, 1989. VI. 7., RI; prov. Giresun: Eğribel pass, 2200 m, 1996. VII. 6., SZD; prov. Tarsus: 50 km N of Tarsus, 5 km N of Gülek, 1329 m, 2006. V. 7., RG et RIB - General distribution: Pontomediterranean species. This species is wide-spread on the eastern mountainous district of Turkey, where frequent.

Aphodius (Amidorus) obscurus (Fabricius, 1792) - prov. Erzincan: Mts. Keşiş, Derekorosu, 1989. VI. 7., RI; prov. Rize: Ovitdađı, 2600 m, 1996. VII. 3-4., RI; prov. Artvin: Çam-pass, 2600 m, 1996. VI. 30., RI; prov. Erzurum: 12 km S of Tortum, 1996. VI. 28., RI - General distribution: European-Anatolian species. Occurrence: wide-spread and frequent.

Aphodius (s.str.) fimetarius (Linnaeus, 1758) - prov. Antalya: Antalya, 1984. V. 7, RI et SZD; Aksu Perge, 1984. V. 8., RI; prov. İçel: Korykos, 1984. V. 12., RI; Mts. Taurus, Yavca, 1984. V. 13., RI; Mts. Taurus, Kerimler, 1984. V. 13., RI; Mts. Taurus, Çamlyayla, 1984. V. 15., RI, RA et SZD; Mts. Taurus, Virenşehir, 1984. V. 13., SZD; prov. Denizli: Pamukkale, Hierapolis, 1984. V. 5., RI, RA et SZD; prov. Ankara: Pazar, 1987. V. 12., RI et RA; Akyarma-pass, 1500 m, bank of Aktas-river, 1987. V. 12., RI et RA; prov. Çorlu: Marmaracik, 1987. VI. 3., RI; prov. Sivas: Kızıl Dađ, 1900 m, 1987. V. 23, RI; Kızılli, 1987. V. 24., RI; Salur, 1987. V. 23., RI; prov. Erzurum: Mts. Rize, Ispir, 1987. V. 21., RI et RA; prov. Çorum: Alacahöyük, 1987. V. 15., RI et RA; Sekerhacılı, 1987. V. 15., RI; prov. Gümüşhane: Telme, 1987. V. 20., RI et RA; vil Adiyaman: Mt. Nemrut, 1800 m, 1989. V. 29., RI et RA; prov. Bursa: Demirci, 1989. VI. 14., RI et RA; prov. Artvin: Çankurtaran-pass, 800 m, 1996. VII. 1-2., RI; prov. Samsun: Mahmutlu, 1996. VII. 8., RI et SZD; prov. Kırşehir: Ösbađ, 1984. V. 18., SZD; 30 km N of Kırşehir, 10 km SE of Akpınar, 1154 m, 2006. V. 9., RG et RIB prov. Isparta: Asağıgökdere, 2001. V. 23., RG et RIB; prov. Balıkesir: Kapıdađı Yarımadası, Ballıpinar, 2001. V.31 - VI. 1., RG et RIB; prov. Manisa: 5 km SE of Manisa, 2001. V. 15., RG et RIB; prov. İzmir: NE of Zeytindađ, Koyuneli, 2001. V. 14., RG et RIB; prov. Afyon: 30 km N of Afyon, Arslantaş, 2001. V. 25., RG et RIB - General distribution: Palearctic species. Occurrence: very wide-spread and common.

Aphodius (s.str.) foetidus (Herbst, 1783) (= *scybalarius* Fabricius, 1792) - prov. Aydın: Umurlu, 1984. V. 4., RI et SZD; prov. Çorlu: Marmaracik, 1987. VI. 3., RI et RA; prov. Çanakale: Mt. Koru Dađ, Kocaçeşme, 2001. V. 12., RG et RIB; Mt. Kavak Dađı, Ayvacık, 2001. V. 13., RG et RIB; prov. Bursa: Bursa, Mts. Ulu Dađ, 2001. V. 28., RG et RIB; prov. Edirne: Çukurköy, 2001. V. 12., RG et RIB - General distribution: Circummediterranean species. Occurrence: wide-spread and frequent.

Aphodius (Biralus) equinus Faldermann, 1835 - prov. Adana: Kabasakal, 1990. IV. 3., SZD - General distribution: Caucasian-Turanian species. This is a new record for Turkey.

Aphodius (Biralus) satellitus (Herbst, 1789) - prov. Denizli: Pamukkale, Hierapolis, 1984. V. 5., RI, RA et SZD; prov. Sivas: Kızılli, 1987. V. 24., RI; 13 km E of Zara, 1983. V. 23., RI; prov. Ankara: Izzettin, 30 km E of Kırıkkale, 1987. V. 13., RI; Yassihöyük, 1987. V. 27., RI; prov. Çorlu: Lüleburgaz, 1987. V. 11., RI et RA; prov. Gümüşhane: Telme, 1987. V. 20., RI et RA; prov. Kırşehir: 30 km N of Kırşehir, 10 km SE of Akpınar, 1154 m, 2006. V. 9., RG et RIB; Ösbađ, 1984. V. 18., SZD; prov. Afyon: Çayırbađ, 2001. V. 25., RG et RIB; prov. İzmir: NE of Zeytindađ, Koyuneli, 2001. V. 14., RG et RIB - General distribution: Circummediterranean species. Occurrence: wide-spread and frequent.

Aphodius (Bodilus) ghardimaouensis Balthasar, 1929 - prov. Sakarya: Kırkpınar, 1984. V. 20., RI; prov. İçel: Mts. Taurus, Kerimler, 1984. V. 13., RI; Mts. Taurus, Yavca, 1984. V. 13., SZD; prov. Antalya: Antalya,

1984. V. 7., SZD - General distribution: Circummediterranean species. Occurrence: wide-spread and frequent. Balthasar (1964) considers the subspecies of the *Aphodius ictericus* (Laich.).

Aphodius (Bodilus) ictericus (Laicharting, 1781) - prov. Izmir: Bergama, NE of Zeytindağ, Koyuneli, 2001. V. 14., RG et RIB - General distribution: European -Anatolian species. Occurrence: sporadic and not frequent.

Aphodius (Bodilus) lugens Creutzer, 1799 - prov. Adiyaman: Mt. Nemrut, 1800 m, 1989. V. 29., RI; prov. Ankara: Yassihöyük, 1989. VI. 11., RI; prov. Usak: Banaz, 1989. V. 24., RI; prov. Samsun: Mahmutlu, 1996. VII. 8., RI et SZD; prov. Erzincan: Ganiefendi, Çiftlik Köyü, 1200 m, 1996. VI. 27-28., RI et SZD; 5 km E of Erzincan, 1996. VI. 27., RI; prov. Çorum: Büyükcinesu, 1996. VI. 26., RI; prov. Izmir: NE of Zeytindağ, 2001. V. 14., RG et RIB - General distribution: West-Palaearctic species. Occurrence: wide-spread and frequent.

Aphodius (Bodilus) punctipennis Erichson, 1848 - prov. Ankara: Yassihöyük, 1989. VI. 11., RI; prov. Erzincan: Ganiefendi Çiftlik Köyü, 1200 m, 1996. VI. 27., SZD - General distribution: Pontic-Turanian species. Occurrence: sporadic and very rare.

Aphodius (Calamosternus) granarius (Linnaeus, 1767) - prov. Nevşehir: Kappadokia, Göreme, 1984. V. 16-17., RI; prov. Keşan: Paşayığıt, 1984. V. 1., RI et RA; prov. Burdur: Dinar, 1984. V. 6., RI, RA et SZD; prov. Denizli: Pamukkale, Hierapolis, 1984. V. 5., RI; prov. Sakarya: Düzce, 1984. V. 20., RI; Kirkpınar, 1984. V. 20., RI; prov. Içel: Mts. Taurus, 1600 m, Çamlıyayla, 1984. V. 15., RI et SZD; prov. Edirne: Kircasalih, 1984. V. 1., RI; prov. Ankara: Izzettin, 30 km E of Kirikkale, 1987. V. 13., RI et RA; Pazar, 1987. V. 12., RI et RA; Akyarma-pass, 1500 m, bank of Aktas-river, 1987. V. 12., RI; prov. Gümüşhane: Telme, 1987. V. 20., RI et RA; prov. Sivas: 13 km E of Zara, 1987. V. 23., RI; Ortagöze, 1987. V. 23., RI; prov. Eskişehir: Oglacki, 1987. V. 28., RI; Yazilikaya, Midas Şehri, 2001. V. 26., RG et RIB; prov. Çorum: Sekerhacili, 1987. V. 15., RI; prov. Uşak: Banaz, 1989. V. 24., RI; prov. Erzurum: 12 km S of Tortum, 2100 m, 1996. VI. 28., RI; prov. Bitlis: Bitlis, Başur, 1990. IV. 10., SZD; prov. Afyon: 30 km N of Afyon, Arslantaş, 2001. V. 25., RG et RIB; Çobankaya, 2001. V. 24., RG et RIB; prov. Izmir: Mts Boz Dağları, 12 km N of Ödemiş, 2001. V. 15., RG et RIB; prov. Isparta: Asagigökdere, 2001. V. 23., RG et RIB; prov. Kirşehir: 30 km N of Kirşehir, 10 km SE of Akpınar, 1154 m, 2006. V. 9., RG et RIB; prov. Çanakkale: Mts. Koru Dağ, Kocaçeşme, 2001. V. 12., RG et RIB - General distribution: Cosmopolitan species. Occurrence: very wide-spread and common.

Aphodius (Calamosternus) trucidatus Harold, 1863 - prov. Giresun: Mts. Giresun, Şebinkarahisar, 1987. V. 19., RI; prov. Sivas: 13 km E of Zara, 1987. V. 23., RI - General distribution: Palearctic species. Occurrence: sporadic and not frequent.

Aphodius (Chilothorax) distinctus (Müller, 1776) - prov. Denizli: Pamukkale, Hierapolis, 1984. V. 5., RI; prov. Nevşehir: Kappadokia, Kaymaklı, 1984. V. 16., RI; 6 km S of Nevşehir, Çardak Köyü, 1337 m, 2006. V. 8., RG et RIB; Göreme, 1984. V. 15., SZD; prov. Ankara: Akyarma-pass, 1500 m, bank of Aktas-river, 1987. V. 12., RI; Yassihöyük, 1989. VI. 11., RI; 50 km S of Ankara, 1094 m, 2006. V. 17., RG et RIB; prov. Ağrı: Meydandağı, 1989. VI. 3., RI; prov. Kirşehir: 30 km N of Kirşehir, 10 km SE of Akpınar, 1154 m, 2006. V. 9., RG et RIB; Ösbağ, 1984. V. 18., SZD - General distribution: European-Anatolian species. Occurrence: wide-spread and common.

Aphodius (Chilothorax) lineolatus Illiger, 1803 - prov. Izmir: NE of Zeytindağ, Koyuneli, 2001. V. 14., RG et RIB - General distribution: Mediterranean species. Occurrence: sporadic and rare.

Aphodius (Chilothorax) melanostictus W. Schmidt, 1840 - prov. Ankara: Yassihöyük, 1989. VI. 11., RI; 50 km S of Ankara, 1094 m, 2006. IV. 17., RG et RIB; prov. Erzincan: Ganiefendi Çiftlik Köyü, 1200 m, 1996. VI. 27, at light, SZD - General distribution: West-Mediterranean-Turanian species. Occurrence: sporadic and very rare.

Aphodius (Chilothorax) paykullii Bedel, 1907 - prov. Adiyaman: Kâhta, Karakus, 1990. IV. 6., SZD - General distribution: European-Anatolian species. Occurrence: sporadic and rare.

Aphodius (Chilothorax) pustulifer Reitter, 1892 - prov. Erzincan: 5 km E of Erzincan, 1996. VI. 27., RI - General distribution: Pontic-Turanian species. This is a new record for Turkey.

Aphodius (Chilothorax) sticticus (Panzer, 1798) (= *equestris* Panzer, 1798) - prov. Artvin: Çankurtaran-pass, 800 m, 1996. VII. 1-2., RI; prov. Balıkesir: Kapıdağı Yarımadası, Ballıpınar, 2001. V. 31-VI. 1., RG et RIB - General distribution: European-Anatolian species. Occurrence: not frequent.

Aphodius (Colobopteris) brignolii Carpetano, 1973 - prov. Artvin: Çam pass, 2450 m, 1996. VI. 30., SZD - General distribution: Caucasian species. This is in Anatolia sporadic and rare.

Aphodius (Colobopteris) erraticus (Linnaeus, 1758) - prov. Edirne: Kircasalih, 1984. V. 1., RI; prov. Içel: Mts. Taurus, Kerimler, 1984. V. 13., RI; Anamur, 1984. V. 11., RI et RA; 50 km N of Tarsus, Gülek, 808 m, 2006. IV. 17., RG et RIB; Yavca, 1984. V. 13., SZD; Mts. Taurus, Çamlıyayla, 1984. V. 15., SZD; prov.

Kırşehir: Ösbağ, 1984. V. 18., RI; 30 km N of Kırşehir, 10 km SE of Akpınar, 1154 m, 2006. V. 9., RG et RIB; prov. Tekirdağ: Saray, 2006. V. 11., RG et RIB; prov. İzmir: NE of Zeytindağ, Koyuneli, 2001. V. 14., RG et RIB; prov. Sakarya: Düzce, 1984. V. 20., RI et RA; Esme, 1987. V. 11., RI et RA; prov. Burdur: Dinar, 1984. V. 6., RI; prov. Balıkesir: Kapıdağı Yarımadası, Ballıpınar, 2001. V. 31 - VI. 1., RG et RIB; prov. Muğla: Çukurincir, 2001. V. 21., RG et RIB; prov. Afyon: 30 km N of Afyon, Arslantaş, 2001. V. 25., RG et RIB; Çalısar, 2001. V. 25., RG et RIB; Çayırbağ, 2001. V. 25., RG et RIB; Çobankaya, 2001. V. 24., RG et RIB; prov. Nevşehir: 6 km S of Nevşehir, Cardak Köyü, 1337 m, 2006. V. 8., RG et RIB; prov. Ankara: Pazar, shore of lake, 1984. V. 19., 1987. V. 12., RI et SZD; Izzettin, 30 km E of Kirikkale, 1987. V. 13., RI et RA; Keskin, 1984. V. 18., SZD; prov. Aydın: Umurlu, 1984. V. 4., RI, RA et SZD; prov. Eskişehir: Sükrauli Köyü, 1987. V. 29., RI et RA; prov. Kütahya: Yonçalı, 2001. V. 27., RG et RIB; 32 km SE of Keles, Esen, 2001. V. 27., RG et RIB; 55 km S of Bözüyük, Eskiüyüregil, 2001. V. 27., RG et RIB; prov. Isparta: Asağigökdede, 2001. V. 23., RG et RIB; prov. Amasya: Suluova, 1987. V. 16., RI et RA; prov. Sivas: Kizilli, 1987. V. 24., RI; 13 km E of Zara, 1987. V. 23., RI et RA; Ortagaöze, 1987. V. 23., RI et RA; prov. Giresun: Mts. Giresun, Şebinkarahisar, 1987. V. 19., RI et RA; prov. Çorum: Bogazkale, 1987. V. 14-16., RI; Balgöze, 1987. V. 16., RI; Sekerhacılı, 1987. V. 15., RI et RA; Yazılıkaya, 1989. VI. 10., RI; prov. Çorlu: Lüleburgaz, 1987. V. 11., RI et RA; prov. Gümüşhane: Siran, 1987. V. 20., RI; Telme, 1987. V. 20., RI et RA; prov. Keşan: Paşayığıt, 1987. V. 1., RI; prov. Kars: Mts. Ararat, 1989. VI. 4., RI et RA; prov. Erzincan: Basköy, 1989. VI. 7., RI; Mts. Keşiş, Derekorosu, 1989. VI. 7., RI; Eşkişeklik, 1990. IV. 14., SZD; prov. Rize: Ovitdağı, 2600 m, 1996. VII. 3-4, RI; prov. Antalya: Aksu, Perge, 1984. V. 8., SZD; prov. Adana: Kabasakal, 1990. IV. 3., SZD; prov. Erzurum: Erzurum, 1990. IV. 13., SZD; prov. Siirt: Silvan, 1990. IV. 9., SZD; prov. Adıyaman: Kâhta, Karakus, 1990. IV. 6., SZD; prov. Samsun: Mahmutlu, 700 m, 1996. VII. 8., SZD - General distribution: Palearctic species. Occurrence: very wide-spread and common.

Aphodius (Coprimorphus) scrutator (Herbst, 1789) - prov. Kütahya: 32 km SE of Kales, Eşen, 2001. V. 27., RG - General distribution: European-Turanian species. Occurrence: sporadic and rare.

Aphodius (Erytus) cognatus Fairmaire, 1860 - prov. Antalya: Antalya, 1984. V. 7., SZD - General distribution: Circummediterranean species. Occurrence: This is in Asia Minor sporadic, rare.

Aphodius (Esymus) fumigatulus Reitter, 1892 (=sculpturatus Reitter, 1892) - prov. Çanakkale: Ezine, 1984. V. 2., SZD - General distribution: Asianic-Turanian species. Occurrence: sporadic and rare.

Aphodius (Esymus) merdarius (Fabricius, 1775) - prov. Içel: Mts. Taurus, Yavca, 1984. V. 13., RI; Mts. Taurus, 1600 m, Çamlyayla, 1984. V. 15., RI, RA et SZD; prov. Denizli: Pamukkale, Hierapolis, 1984. V. 5., RI; prov. Kırşehir: Ösbağ, 1984. V. 18., RI et SZD; prov. Ankara: Akyarma-pass, 1500 m, bank of Aktas-river, 1987. V. 12., RI; prov. Erzurum: Egerti, 1987. V. 22., RI et RA; prov. Çorum: Sekerhacılı, 1987. V. 15., RI; prov. Tarsus: Gülek, 808 m, 2006. IV. 17., RG et RIB; prov. Antalya: 10 km N of Manavgat, Bucakseyhler, 2001. V. 22., RG et RIB; prov. Balıkesir: Kapıdağı Yarımadası, Ballıpınar, 2001. V. 31-VI. 1., RG et RIB; prov. Aydın: Umurlu, 1984. V. 4., SZD - European-Turanian species. Occurrence: wide-spread and frequent.

Aphodius (Esymus) pusillus (Herbst, 1789) - prov. Amasya: Suluova, 1987. V. 16., RI; prov. Erzurum: Egerti, 1987. V. 22., RI - General distribution: Euroasiatic species. Occurrence: sporadic and not frequent.

Aphodius (Eudolus) quadriguttatus (Herbst, 1783) - prov. Içel: Mts. Taurus, 1600 m, Çamlyayla, 1984. V. 15., RI, RA et SZD; prov. Ankara: Keskin, 1984. V. 18., RI; 50 km S of Ankara, 1094 m, 2006 IV. 17., RG et RIB; prov. Denizli: Pamukkale, Hierapolis, 1984. V. 5., RI et RA; prov. Burdur: Dinar, 1984. V. 6., RI, RA et SZD; prov. Antalya: Aksu, Perge, 1984. V. 8., RI; prov. Niğde: Niğde, 1984. V. 16., RI; prov. Sivas: Kizil Dağ, 1900 m, 1987. V. 23., RI; Kizilli, 1987. V. 24., RI et RA; Salur, 1987. V. 23., RI; Ortagaöze, 1987. V. 23., RI et RA; prov. Eskişehir: Oglacki, 1987. V. 28., RI; prov. Gümüşhane: Telme, 1987. V. 20., RI et RA; Siran, 1987. V. 20., RI; prov. Giresun: Mts. Giresun, Şebinkarahisar, 1987. V. 19., RI et RA; prov. Çorum: Sekerhacılı, 1987. V. 15., RI et RA; prov. Erzurum: Egerti, 1987. V. 22., RI; Aksu, 1650 m, 1996. VI. 28., SZD; prov. Adıyaman: Mt. Nemrut, 1800 m, 1989. V. 29., RI, 1990. IV. 6., SZD; Kâhta, Karakus, 1990. IV. 6., SZD; prov. Erzincan: Başköy, 1989. VI. 7., RI; prov. Van: Kızıltaş, 1989. VI. 2., RI; prov. Kars: Mts. Ararat, 1989. VI. 4., RI; prov. Afyon: Çalısar, 2001. V. 25., RG et RIB; 15 km NE of Afyon, Atlıhisar, 2001. V. 24., RG et RIB; prov. Isparta: Boyalı, coast of Eğirdir-gölü, 2001. V. 24., RG et RIB; prov. Kütahya: Yonçalı, 2001. V. 27., RG et RIB; prov. Kırşehir: Ösbağ, 1984. V. 18., SZD; prov. Samsun: Mahmutlu, 700 m, 1996. VII. 8., SZD - General distribution: Circummediterranean species. Occurrence: very wide-spread and common.

Aphodius (Eudolus) quadrinaevulus Reitter, 1892 - prov. Tarsus: 50 km N of Tarsus, 5 km N of Gülek, 1329 m, 2006. V. 7., RG et RIB; Gülek, 808 m, 2006. IV. 17., RG et RIB - General distribution: Caucasian-Anatolian species. Occurrence: sporadic and rare.

Aphodius (Eurodalus) paracoenosus Balthasar et Hrubant, 1960 - prov. Kırşehir: Ösbag, 1984. V. 18., RI, RA et SZD; prov. Keşan: Paşayığıt, 1984. V. 1., RI; prov. Aydın: Umurlu, 1984. V. 4., RI; prov. Sakarya: Esme, 1987. V. 11., RI; prov. Sivas: 13 km E of Zara, 1987. V. 23., RI et RA; prov. Kars: Mts. Ararat, 1989. VI. 4., RI; prov. Ağrı: Meydandağı, 1989. VI. 3., RI; prov. Afyon: 30 km N of Afyon, Arslantaş, 2001. V. 25., RG et RIB - General distribution: European-Anatolian species. Occurrence: wide-spread and frequent.

Aphodius (Eupleurus) subterraneus (Linnaeus, 1758) - prov. Içel: Mts. Taurus, Yavca, 1984. V. 13., RI; prov. Sakarya: Düzce, 1984. V. 20., RI; prov. Kırşehir: Ösbag, 1984. V. 18., RI, RA et SZD; prov. Nevşehir: 7 km E of Nevşehir, Uçhisar, 1312 m, 2006. V. 9., RG et RIB; 6 km S of Nevşehir, Çardak Köyü, 1337 m, 2006. V. 8., RG et RIB; prov. Kütahya: 32 km SE of Keles, Esen, 2001. V. 27., RG et RIB; prov. Burdur: Dinar, 1984. V. 6., RI; prov. Ankara: Pazar, 1987. V. 12., RI; Izzettin, 30 km E of Kirikkale, 1987. V. 13., RI; Akyarma-pass, 1500 m, bank of Aktas-river, 1987. V. 12., RI; prov. Amasya: Suluova, 10987. V. 16., RI; prov. Eskişehir: Sükrauli Köyü, 1987. V. 29., RI; prov. Çorum: Bogazkale, 1987. V. 14-16., RI et RA; Sekerhacili, 1987. V. 15., RI et RA; prov. Sivas: 13 km E of Zara, 1987. V. 23., RI; prov. Erzincan: Basköy, 1989. VI. 7., RI; Ganiefendi, Çiftlik Köyü, 1200 m, 1996. VI. 27-28., RI et SZD; prov. Uşak: Banaz, 1989. V. 24., RI; prov. Afyon: Ayazini, 1990. IV. 18., SZD - General distribution: Holarctic species. Occurrence: very wide-spread and common.

Aphodius (Liothorax) plagiatus (Linnaeus, 1767) - prov. Çorum: By. Gülücek, 1987. V. 16., RI; prov. Ankara: Pazar, 1987. V. 12., RI - General distribution: Euroasiatic species. Occurrence: sporadic and not frequent.

Aphodius (Loraphodius) suarius Faldermann, 1835 - prov. Içel: Mts. Taurus, Kerimler, 1984. V. 13., RI et RA - General distribution: European species. This is in Asiatic Turkey sporadic and rare.

Aphodius (Mecynodes) striatulus Waltl, 1835 - prov. Sivas: Kizil Dağ, 1900 m, 1987. V. 23., RI; prov. Çanakkale: Ezine, 1984. V. 2., SZD - General distribution: Mediterranean species. Occurrence: sporadic and rare.

Aphodius (Melinopterus) prodromus (Brahm, 1790) - prov. Ankara: Akyarma-pass, 1500 m, bank of Aktas-river, 1987. V. 12., RI; prov. Erzurum: Egerti, 1987. V. 22., RI et RA; prov. Giresun: Pinarlar, 1987. V. 18., RI; prov. Çorum: Balgöze, 1987. V. 16., RI; Sekerhacili, 1987. V. 15., RI et RA; prov. Kırşehir: Ösbag, 1984. V. 18., SZD; prov. Van: Yenikosk, 1990. IV. 11., SZD - General distribution: Palearctic species. Occurrence: wide-spread and frequent.

Aphodius (Melinopterus) pubescens Sturm, 1800 - prov. Ankara: Akyarma-pass, 1500 m, bank of Aktas-river, 1987. V. 12., RI - General distribution: West-Palearctic species. Occurrence: wide-spread, but not frequent.

Aphodius (Melinopterus) laeviceps Rey, 1890 (= *sabulicola* Thomson, 1868) - prov. Içel: Mts. Taurus, Yavca, 1984. V. 13., RI; prov. Sivas: Kizil Dağ, 1900 m, 1987. V. 23., RI; Sandal, 1987. V. 24., RI; prov. Ankara: Akyarma-pass, 1500 m, valley of Aktas-river, 1987. V. 12., RI; Pazar, 1987. V. 12., RI; prov. Erzurum: Egerti, 1987. V. 22., RI et RA - General distribution: European-Siberian species. Occurrence: wide-spread and frequent.

Aphodius (Neagolius) abchasicus Reitter, 1892 - prov. Rize: Ovitdağı, 2600 m, 1996. VII. 3-4., RI et SZD - General distribution: Caucasian species. This is a new record for Turkey.

Aphodius (Nialus) digitatus Harold, 1871 - prov. Siirt: Bank of Kahveci, 1989. V. 31., RI - General distribution: Mediterranean species. Occurrence: very rare.

Aphodius (Nialus) varians Duftschmid, 1805 - prov. Kırşehir: Ösbag, 1984. V. 18., RI, RA et SZD; 30 km N of Kırşehir, 10 km SE of Akpınar, 1154 m, 2006. V. 9., RG et RIB; prov. Sakarya: Düzce, 1984. V. 20., RI; prov. Eskişehir: Sükrauli Köyü, 1987. V. 29., RI; prov. Çorlu: Lüleburgaz, 1987. V. 11., RI et RA; prov. Çorum: Sekerhacili, 1987. V. 15., RI; prov. Van: Kiziltaş, 1989. VI. 2., RI; prov. Erzincan: 5 km E of Erzincan, 1996. VI. 27., RI; Ganiefendi Çiftlik Köyü, 1200 m, 1996. VI. 27., at light, SZD; prov. Tarsus: Gülek, 808 m, 2006. IV. 17., RG et RIB; prov. Afyon: Çobankaya, 2001. V. 24., RG et RIB; Çalısar, 2001. V. 25., RG et RIB; prov. Çanakkale: Gelibolu Yarımadası, Bayirköy, 2001. V. 12., RG et RIB; vil Balıkesir: Kapıdağı Yarımadası, Ballıpınar, 2001. V. 31., RG et RIB; prov. Burdur: Dinar, 1984. V. 6., SZD; prov. Ankara: Pazar, 1984. V. 19., SZD; prov. Bitlis: Küçükusu, 1990. IV. 10., SZD; prov. Adıyaman: Kâhta, Karakus, 1990. IV. 6., SZD - General distribution: Palearctic species. Occurrence: wide-spread and common.

Aphodius (Otophorus) haemorrhoidalis (Linnaeus, 1758) - prov. Sakarya: Kirkpınar, 1984. V. 20., RI et RA; Esme, 1987. V. 11., RI; prov. Çorlu: Marmaracık, 1987. VI. 3., RI; prov. Samsun: Mahmutlu, 1996. VII. 8., RI et SZD; prov. Balıkesir: Kapıdağı Yarımadası, Ballıpınar, 2001. V. 31 - VI. 1., RG et RIB - General distribution: Palearctic species. Occurrence: sporadic and not rare.

Aphodius (Parammoecius) asphaltinus Kolenati, 1846 - prov. Rize: Ovitdağı, 2600 m, 1996. VII. 3-4., RI - General distribution: Caucasian species. It is founds in East-Turkey, rare.

Aphodius (Phalacrotonotus) citellorum Semenov et Medvedev, 1929 - prov. Çanakkale: Mt. Kavak Dağı, Ayvacık, 2001. V. 13., RG et RIB - General distribution: Pontic species. This is a new record for Turkey.

Aphodius (Phalacrotonotus) quadrimaculatus (Linnaeus, 1761) - prov. Burdur: Dinar, 1984. V. 6., RI et SZD; prov. Içel: Mts. Taurus, 1600 m, Çamlyayla, 1984. V. 15., RI; prov. Çanakkale: Ezine, 1984. V. 2., RI et SZD; Mt. Kavak Dağı, Ayvacık, 2001. V. 13., RG et RIB; prov. Bursa: Demirci, 1989. VI. 14., RI; prov. Izmir: Bergama, Zeytindağ, 2001. V. 14., RG et RIB - General distribution: European-Siberian species. Occurrence: wide-spread and frequent.

Aphodius (Plagiogonus) nanoides (Balthasar, 1961) - prov. Afyon: Çobankaya, 2001. V. 24., RG et RIB - General distribution: West-Asian species. Occurrence: very rare. This is a new record for Turkey.

Aphodius (Plagiogonus) syriacus Harold, 1863 - prov. Içel: Mts. Taurus, Kerimler, 1984. V. 13., RI et RA; Mts. Taurus, 1600 m, Çamlyayla, 1984. V. 15., RI; prov. Burdur: Dinar, 1984. V. 6., RI et SZD; prov. Erzincan: Basköy, 1989. VI. 7., RI et RA; prov. Eskişehir: Karaağaç Köyü, 1989. VI. 12., RI et RA; prov. Ankara: Izzettin, 30 km E of Kirikkale, 1987. V. 13., RI et RA - East-Mediterranean species. Occurrence: wide-spread and frequent.

Aphodius (Planolinus) vittatus mundus Reitter, 1892 - prov. Kirşehir: Ösbag, 1984. V. 18., RI; prov. Içel: Mts. Taurus, Kerimler, 1984. V. 13., RI; prov. Ankara: Pazar, 1987. V. 12., RI, RA et SZD; prov. Erzincan: 5 km E of Erzincan, 1996. VI. 27., RI - General distribution: East-Mediterranean subspecies. Occurrence: sporadic and not frequent.

Aphodius (Pseudosymus) lucidus Klug, 1845 - prov. Antalya: Antalya, 1984. V. 7., SZD - General distribution: Circummediterranean species. This is a new record for Turkey.

Aphodius (Subrinus) sturmi Harold, 1870 - prov. Samsun: Mahmutlu, 700 m, 1996. VII. 8., SZD - General distribution: Palearctic species. Occurrence: wide-spread, but not frequent.

Aphodius (Teuchestes) fossor (Linnaeus, 1758) - prov. Balıkesir: Kapıdağı Yarımadası, Ballıpinar, 2001. V. 31 - VI. 1., RG et RIB; prov. Artvin: Çam-pass, 1600 m, 1996. VI. 30., RI - General distribution: Holarctic species. Occurrence: sporadic, not frequent.

Aphodius (Trichonotulus) scrofa (Fabricius, 1787) - prov. Sakarya: Düzce, 1984. V. 20., RI; prov. Ankara: Izzettin, 30 km E of Kirikkale, 1987. V. 13., RI; prov. Giresun: Mts. Giresun, Şebinkarahisar, 1987. V. 19., RI; prov. Kirşehir: 30 km N of Kirşehir, 10 km SE of Akpınar, 2006. V. 9., RG et RIB; prov. Eskişehir: Yazılıkaya, Midas Şehri, 2001. V. 26., RG et RIB; prov. Nevşehir: 6 km S of Nevşehir, Çardak Köyü, 1337 m, 2006. V. 8., RG et RIB; prov. Afyon: Çobankaya, 2001. VC. 24., RG et RIB - General distribution: Euroasiatic species. Occurrence: wide spread and frequent.

***Euheptaulacus* Dellacasa, 1983**

Euheptaulacus carinatus carinatus (Germar, 1824) - prov. Erzurum: Aksu, 1650 m, 1996. VI. 28., at light, SZD - General distribution: Eurasian species. Occurrence: wide-spread and frequent.

Euheptaulacus sus (Herbst, 1783) - prov. Erzincan: 5 km E of Erzincan, 1996. VI. 27., RI; Ganiefendi Çiftlik Köyü, 1200 m, 1996. VI. 27., at light, SZD - General distribution: European-Anatolian species. Occurrence: wide-spread, rare.

***Oxyomus* Dejean, 1833**

Oxyomus silvestris (Scopoli, 1763) - prov. Gümüşhane: Telme, 1987. V. 20., RI; prov. Antalya: 10 km N of Manavgat, Bucakseyhler, 2001. V. 22., RG et RIB; prov. Içel: Mersin, 1984. V. 12., SZD - General distribution: Eurasian species. This is a new record for Turkey.

***Ataenius* Harold, 1867**

Ataenius horticola Harold, 1869 - prov. Çanakkale: Mts. Kavak Dağı, Ayvacık, 2001. V. 13., RG et RIB - General distribution: European-Anatolian species. Occurrence: sporadic and not frequent.

***Leiopsammodius* Rakovic, 1981**

Leiopsammodius aegialius (Ádám, 1986) - prov. Içel: Mersin, 1984. V. 12., SZD - General distribution: Asianic endemic species. Occurrence: very rare.

***Psammodius* Fallén, 1807**

Psammodius laevipennis Costa, 1844 - prov. Ordu: Çamas, 1987. V. 17., RI; prov. Adiyaman: Bank of Eufates, 1989. VI. 30., RI; prov. Muğla: Karaböğürtlen, 2001. V. 17., RG et RIB; prov. Antalya: 10 km N of Manavgat, Bucakseyhler, 2001. V. 22., RG et RIB; prov. Balıkesir: Kapıdağı Yarımadası, Ballipinar, 2001. V. 31-VI. 1., RG et RIB; prov. İstanbul: İstanbul, 1984. V. 21., SZD - General distribution: Circummediterranean species. Occurrence: sporadic and frequent.

***Pleurophorus* Mulsant, 1842**

Pleurophorus anatolicus Petrovitz, 1961 - prov. İçel: Mersin, 1984. V. 12., RI et SZD; prov. Eskişehir: Seyitgazi, 1989. VI. 12., RI; prov. Denizli: Pamukkale, Hierapolis, 1984. V. 5., RI; prov. Erzincan: 5 km E of Erzincan, 1996. VI. 27., RI; Ganiefendi Çiftlik Köyü, 1200 m, 1996. VI. 27., at light, SZD; prov. Erzurum: Tortum, 1996. VI. 28., RI; Aksu, 1650 m, 1996. VI. 28., at light, SZD; prov. Çorum: Büyükinesu, 800 m, 1996. VI. 26., SZD - General distribution: East-Mediterranean species. Occurrence: wide-spread and frequent.

Pleurophorus apicipennis Reitter, 1892 - prov. Antalya: 10 km N of Manavgat, Bucakseyler, 2001. V. 22., RG et RIB; prov. Muğla: Karaböğürtlen, 2001. V. 17., RG et RIB; prov. Balıkesir: Kapıdağı Yarımadası, Ballipinar, 2001. V. 31 - VI. 1., RG et RIB - General distribution: Asianic-Turanian species. Occurrence: sporadic and very rare. This is a new record for Turkey.

Pleurophorus caesus (Creutzer, 1796) - prov. İçel: Mersin, 1984. V. 12., SZD; prov. İstanbul: İstanbul, 1984. V. 21., SZD; prov. Erzincan: Ganiefendi Çiftlik Köyü, 1200 m, 1996. VI. 27., at light, SZD - General distribution: West-Palaearctic species. Occurrence: wide-spread and frequent.

***Rhyssenus* Mulsant, 1842**

Rhyssenus algiricus meridionalis Reitter, 1901 - prov. Erzincan: Ganiefendi Çiftlik Köyü, 1200 m, 1996. VI. 27., at light, SZD; prov. Erzurum: Aksu, 1650 m, 1996. VI. 28., at light, SZD - General distribution: North-African species. This subspecies lives from Greece to Caucasus. This is a new record for Turkey.

Rhyssenus germanus (Linnaeus, 1767) - prov. Adiyaman: Bank of Eufates, 1989. V. 30., RI; prov. Erzincan: 5 km E of Erzincan, 1996. VI. 27., RI - General distribution: Palaearctic species. Occurrence: sporadic and frequent.

Scarabaeidae***Gymnopleurus* Illiger, 1803**

Gymnopleurus flagellatus (Fabricius, 1787) - prov. Burdur: Dinar, 1984. V. 6., RI et SZD; prov. Sivas: Ortakoze, 1987. V. 23., RI; prov. Rize: Mts. Rize, Dereköy, 1987. V. 21., RI; prov. Çorum: Bogazkale, 1984. V. 14-16., RI et RA; Sekerhacili, 1987. V. 15., RI et RA; prov. Giresun: Mts. Giresun, Şebinkarahisar, 1987. V. 19., RI; prov. Ankara: Dereköy, 1987. V. 27., RI et RA; Izzettin, 30 km E of Kirikkale, 1987. V. 13., RI et RA; Kalecik, 1987. V. 13., RI et RA; Yassihöyük, 1989. VI. 11., RI; Keskin, 1984. V. 18., SZD; Şereflikoçhisar, 1990. IV. 2., SZD; prov. Eskişehir: Oglacki, 1987. V. 28., RI; prov. Afyon: Çalislir, 2001. V. 25., RG et RIB; 15 km NW of Afyon, Atlihisar, 2001. V. 24., RG et RIB; Çobankaya, 2001. V. 24., RG et RIB; prov. Gümüşhane: Telme, 1987. V. 20., RI; prov. Kars: Mts. Ararat, 1989. VI. 4., RI et RA; prov. Van: Kayabogaz, 1989. VI. 1., RI; prov. Ağrı: Meydandağı, 1989. VI. 3., RI et RA; prov. Gaziantep: Gaziantep, 1990. IV. 15., OA, 1990. IV. 5., SZD; prov. Siirt: Silvan, 1990. IV. 9., SZD; prov. Adiyaman: Nemrut Dağı, 1990. IV. 6., SZD; prov. Niğde: Aksaray, 1990. IV. 17., SZD - General distribution: Palaearctic species. Occurrence: wide-spread and common.

Gymnopleurus geoffroyi (Fuessly, 1775) - prov. Edirne: Paşayığıt, 1984. V. 1., RI, RA et SZD; 4 km N of Keşan, 2001. V. 12., RG et RIB; prov. Burdur: Dinar, 1984. V. 6., RI et SZD; prov. Denizli: Pamukkale, Hierapolis, 1984. V. 5., RI, RA et SZD; 2001. V. 16-17., RG et RIB; 3 km N of Buldan, 2001. V. 16., RG et RIB; prov. Çorum: Bogazkale, 1987. V. 14-16., RI et RA, 1000 m, 1996. VI. 26., SZD; Sekerhacili, 1987. V. 15., RI et RA; Osmaniçik, 450 m, 1996. VII. 8., RI et SZD; prov. Giresun: Mts. Giresun, Şebinkarahisar, 1987. V. 19., RI et RA; prov. Amasya: Suluova, 1987. V. 16., RI et RA; prov. Eskişehir: Oglacki, 1987. V. 28., RI; Kirka, 1989. VI. 13., RI et RA; Seyitgazi, 2001. V. 26., RG et RIB; prov. Ankara: Kalecik, 1987. V. 13., RI et RA; prov. Bursa: Demirci, 1989. VI. 14., RI; prov. Uşak: Banaz, 1989. V. 24., RI; prov. Isparta: Boyalı, Eğridir Gölü, 2001. V. 24., RG; Asağögkdere, 2001. V. 23., RG; prov. Afyon: Çalislir, 2001. V. 25., RG et RIB; Çobankaya, 2001. V. 24., RG et RIB; prov. İzmir: NE of Zeytindağ, Koyuneli, 2001. V. 14., RG et RIB; Bergama, 2001. V. 14., RG et RIB; Bergama, Akropolis, 1984. V. 3., SZD; Mts. Boz Dağları, 12 km N of

Ödemis, 2001. V. 15., RG et RIB; prov. Muğla: 5 km NW of Kargı, Katrancı, 2001. V. 18-20., RG et RIB; prov. Balıkesir: Kapıdağı Yarımadası, Çakilköy, 2001. VI. 1., RG et RIB; prov. Manisa: Sartmustafa, Sardes, 2001. V. 15., RG et RIB; prov. Kütahya: Yoncalı, 2001. V. 27., RG et RIB; prov. Tekirdağ: Saray, 172 m, 2006. V. 11., RG et RIB; prov. Kırklareli: 20 km W of Vize, Erenzer, 2006. V. 11., RG et RIB; prov. Çanakkale: Ezine, 1984. V. 2., SZD; prov. Antalya: Serik, 1984. V. 8., SZD; prov. Adana: Kabasakal, 1990. IV. 3., SZD; prov. Adıyaman: Naringce, 1990. IV. 7., SZD; Kâhta, Karakus, 1990. IV. 6., SZD; Nemrut Dağı, 1990. IV. 6., SZD; prov. Siirt: Silvan, 1990. IV. 9., SZD; prov. Diyarbakir: 2 km E of Silvan, 1990. IV. 9., SZD - General distribution: European-Anatolian species. Occurrence: wide-spread and common.

Gymnopleurus mopsus (Pallas, 1781) - prov. Burdur: Dinar, 1984. V. 6., RI; prov. Denizli: Pamukkale, Hierapolis, 1984. V. 5., RI et RA; prov. Aydın: Ortaklar, 1984. V. 4., RI; prov. Ankara: Izzettin, 30 km E of Kırıkkale, 1987. V. 13., RI et RA; Yassihöyük, 1987. V. 27., 1989. VI. 11., RI et RA; Keskin, 1984. V. 18., SZD; prov. Eskişehir: Oglackı, 1987. V. 28., RI et RA; Kirka, 1989. VI. 13., RI et RA; Karaağaç Köyü, 1989. VI. 13., RI; Seyitgazi, 2001. V. 26., RG et RIB; prov. Edirne: Paşayığıt, 1989. V. 21., RI et RA; prov. Çorum: Osmancık, 450 m, 1996. VII. 8., RI et SZD; prov. Ağrı: Dogubayazıt, 2000. VI. 12-13., RG; prov. Isparta: Asagigökdere, 2001. V. 23., RG et RIB; prov. Afyon: Çayırbağ, 2001. V. 25., RG et RIB; prov. Muğla: Çukurincir, 2001. V. 21., RG et RIB; prov. Kırklareli: 10 km SE of Kırklareli, Kizilcikdere, 205 m, 2006. V. 11., RG et RIB; prov. Balıkesir: Kapıdağı Yarımadası, Çakilköy, 2001. VI. 1., RG et RIB; prov. Nevşehir: Kaymaklı, 1984. V. 16., SZD; prov. Adana: Kabasakal, 1990. IV. 3., SZD - General distribution: Palearctic species. Occurrence: wide-spread and very frequent.

Scarabaeus Linnaeus, 1758

Scarabaeus (s.str.) pius (Illiger, 1893) - prov. Kayseri: Yeşilhisar, 1990. IV. 15., OA et SZD; prov. Çanakkale: Ezine, 1984. V. 2., RI, RA et SZD; prov. Ankara: Kalecik, 1987. V. 13., RI et RA; Tuz Gölü, 8 km N of Sereflikochisar, 1990. IV. 25., leg. Herczig B. et Ronkay G.; prov. Adıyaman: Mts. Nemrut, 1800 m, 1989. V. 29., RI et RA, 1990. IV. 6., SZD; prov. Bursa: Demirci, 1989. VI. 14., RI; prov. Çorum: Osmancık, 460 m, 1996. VII. 8., RI et SZD; prov. Denizli: 5 km N of Sariabat, 2001. V. 17., RG et RIB; Pamukkale, 2001. V. 16.17., RG et RIB; prov. Kütahya: 32 km SE of Keles, Esen, 2001. V. 27., RG et RIB; prov. Kırşehir: 30 km N of Kırşehir, 10 km SE of Akpınar, 1154 m, 2006. V. 9., RG et RIB; prov. Van: Gedikbulakköyü, 1990. IV. 11., SZD; prov. Kırklareli: Kuzulu Köyü, 500 m, 1996. VI. 24., SZD - General distribution: Mediterranean species. Occurrence: wide spread, but not frequent.

Scarabaeus (s.str.) sacer Linnaeus, 1758 - prov. Adıyaman: Bank of Pamukçay-river, 1989. V. 31., RI - General distribution: Circummediterranean species. Occurrence: sporadic and not frequent.

Scarabaeus (s.str.) typhon Fischer-Waldheim, 1823 - prov. Kayseri: Yesilhisar, 1990. IV. 15., OA; prov. Sivas: Gürün, 1500 m, 1991. VI. 18-19., SC; prov. Kırklareli: Kuzulu Köyü, 1966. VI. 24., RI; prov. Ağrı: Dogubayazıt, 2000. VI. 12-13., RG; prov. Afyon: 15 km NE of Afyon, Atlıhisar, 2001. V. 24., RG et RIB - General distribution: Palearctic species. Occurrence: sporadic and not frequent.

Scarabaeus (Ateuchetus) puncticollis (Latreille, 1819) - prov. Denizli: Çardak, 1984. V. VI., RI; prov. Kırşehir: Ösbağ, 1984. V. 18., RI; prov. Çanakkale: Ezine, 1984. V. 2., 1989. V. 23., RI; prov. Sivas: Salur, 1987. V. 23., RI et RA; 13 km E of Zara, 1987. V. 23., RI; Ortagöze, 1987. V. 23., RI et RA; Kizil Dağ, 1900 m, 1987. V. 23., RI; prov. Çorum: By. Gülücek, 1987. V. 16., RI; prov. Ankara: Izzettin, 30 km E of Kırıkkale, 1987. V. 13., RI; Kalecik, 1987. V. 13., RI; prov. Gümüşhane: Siran, 1987. V. 20., RI et RA; Mts. Gümüşhane, 1600 m, Alucra, 1987. V. 19., RI; vil Eskişehir: Seyitgazi, 1987. V. 29., RI; Oglackı, 1987. V. 28., RI et RA; Kirka, 1989. VI. 13., RI; prov. Amasya: Suluova, 1987. V. 16., RI; prov. Kars: Mts. Ararat, 1800 m, 1989. VI. 4., RI et RA; prov. Adıyaman: Mt. Nemrut, 1800 m, 1989. V. 29., RI et RA; prov. Bursa: Demirci, 1989. VI. 14., RI et RA; prov. Van: Kayabogaz, 1989. VI. 1., RI et RA; prov. Afyon: Afyonkarahisar, 1990. IV. 18., OA; Ayazini, 1990. IV. 18., SZD; prov. Nevşehir: Kaymaklı, 1984. V. 16., SZD - General distribution: Mediterranean species. Occurrence: wide-spread and common.

Scarabaeus (Ateuchetus) variolosus Fabricius, 1787 - prov. İzmir: Bergama, Pergamon, 1984. V. 3., RI, RA et SZD; NE of Zeytinadağ, Koyuneli, 2001. V. 14., RG et RIB; prov. Çanakkale: Ezine, 1984. V. 2., RI et SZD - General distribution: Circummediterranean species. Occurrence: sporadic and not frequent.

Sisyphus Latreille, 1807

Sisyphus schaefferi schaefferi (Linnaeus, 1758) - prov. Erzurum: Askale, 1990. IV. 13., OA; prov. İzmir: Bergama, Pergamon, 1984. V. 3., 1989. V. 23., RI et RA; prov. Edirne: Paşayığıt, 1984. V. 1., RI; prov. Çorum: Bogazkale, 1987. V. 16., RI et RA; Sekerhacılı, 1987. V. 15., RI; Büyükcinesu, 1996. VI. 26., RI; prov. Sivas:

13 km E of Zara, 1987. V. 23., RI; Ortagoze, 1987. V. 23., RI; prov. Ankara: Izzettin, 30 km E of Kirikkale, 1987. V. 13., RI; Pazar, 1987. V. 12., RI; Keskin, 1984. V. 18., SZD; prov. Gümüşhane: Mts. Gümüşhane, 1600 m, Alucra, 1987. V. 19., RI; Siran, 1987. V. 20., RI; prov. Adiyaman: Mt. Nemrut, 1800 m, 1989. V. 29., RI et RA; prov. Kars: Mts. Ararat, 1989. VI. 4., RI et RA; prov. Van: Kayabogaz, 1989. VI. 1., RI; Gedikbulakköyü, 1990. IV. 11., SZD; prov. Samsun: Mahmutlu, 1996. VII. 8., RI et SZD; prov. Muğla: Köyceğiz, 2001. V. 18., RG et RIB; prov. Balıkesir: Kapıdağı Yarımadası, Ballıpinar, 2001. V. 31 - VI. 1., RG et RIB; Mts. Kapi Dağ, Erdek, 400 m, 2001. VI. 2., RG et RIB; prov. Eskişehir: Seyitgazi, 2001. V. 26., RG et RIB; prov. Kütahya: Yoncalı, 2001. V. 27., RG et RIB; prov. Telirdağ: Inecik, 2001. VI. 5., RG et RIB; prov. Burdur: Dinar, 1984. V. 6., SZD - General distribution: Palearctic species. Occurrence: wide-spread and common.

Sisyphus schaefferi boschniaki Fischer-Waldheim, 1823 - prov. Eskişehir: Yazılıkaya, Midas Şehri, 2001. V. 26., RG - General distribution: Pontic-Siberian subspecies. Occurrence: wide-spread, but not frequent.

Copris Müller, 1764

Copris cavolinii Petagna, 1792 - prov. Eskişehir: Midas Şehri, 1989. VI. 12., RI; Kirka, 1989. VI. 13., RI; prov. Uşak: Banaz, 1989. V. 24., RI; prov. Bursa: Demirci, 1989. VI. 14., RI; prov. Adiyaman: Mts. Nemrut, 1800 m, 1989. V. 29., RI; prov. Içel: Mts. Taurus, Kerimler, 1984. V. 13., RI et RA; Mts. Taurus, Çamlyayla, 1984. V. 15., SZD; Cendere, Köprü, 1990. IV. 6., SZD; Narince, 1990. IV. 7., SZD; prov. Niğde: Niğde, 1984. V. 16., RI; prov. Çorum: Bogazkale, 1984. V. 14-16., RI et RA; Sekerhacili, 1987. V. 15., RI; prov. Ankara: Yassihöyük, 1987. V. 27., RI et RA; Izzettin, 30 km E of Kirikkale, 1987. V. 13., RI; prov. Çorlu: Lüleburgaz, 1987. V. 11., RI; prov. Sivas: Gürün, 1500 m, SC; prov. İzmir: NE of Zeytindağ, Koyuneli, 2001. V. 14., RG et RIB; prov. Muğla: Çukurincir, 2001. V. 21., RG et RIB; prov. Isparta: Asağögkdere, 2001. V. 23., RG et RIB; prov. Afyon: 30 km N of Afyon, Arslantaş, 2001. V. 25., RG et RIB; 15 km NE of Afyon, Atlıhisar, 2001. V. 24., RG et RIB; Çalıslar, 2001. V. 25., RG et RIB; Ayazini, 1990. IV. 18., SZD; prov. Bursa: Mts. Ulu Dağ, 1200 m, Bursa, 2001. V. 28., RG et RIB; prov. Kirikkale: 12 km S of Kirikkale, Kurson Kaya Köyü, 942 m, 2006. V. 9., RG et RIB; prov. Kırşehir: 30 km N of Kırşehir, 10 km SE of Akpınar, 1154 m, 2006. V. 8., RG et RIB; Ösbag, 1984. V. 18., SZD; prov. Adana: Kabasakal, 1990. IV. 3., SZD; prov. Diyarbakir: Alipaşa, 1990. IV. 9., SZD; prov. Kayseri: Yeşilhisar, 1990. IV. 15., SZD - General distribution: Eurasian species. Occurrence: wide-spread and frequent. Baraud (1992) considered the subspecies of *Copris hispanus* (Linnaeus, 1764).

Copris lunaris (Linnaeus, 1758) - prov. Edirne: Paşayığit, 1984. V. 1., RI; Edirne, 1984. V. 24., RI; prov. Içel: Mts. Taurus, Çamlyayla, 1984. V. 15., RI et SZD; prov. Kırşehir: Ösbag, 1984. V. 18., RI et SZD; 30 km N of Kırşehir, 10 km SE of Akpınar, 1154 m, 2006. V. 8., RG et RIB; prov. Çorum: By. Gülücek, 1987. V. 16., RI et RA; Sekerhacili, 1987. V. 15., RI et RA; Büyükcinesu, 800 m, 1996. VI. 26., SZD; prov. Sivas: Ortagoze, 1987. V. 23., RI et RA; Salur, 1987. V. 23., RI et RA; 13 km E of Zara, 1987. V. 23., RI et RA; Kizilli, 1987. V. 24., RI; prov. Giresun: Mts. Giresun, Şebinkarahisar, 1987. V. 19., RI; prov. Gümüşhane: Siran, 1987. V. 20., RI et RA; Telme, 1987. V. 20., RI et RA; prov. Eskişehir: Sükrauli Köyü, 1987. V. 29., RI; Kümbet, 1987. V. 30., RI; Karaağaç Köyü, 1989. VI. 12., RI et RA; Kirka, 1989. VI. 13., RI; Yazılıkaya, Midas Şehri, 2001. V. 26., RG; prov. Kars: Mts. Ararat, 1989. VI. 4., RI et RA; prov. Yozgat: Derbent, 1989. VI. 10., RI; prov. Erzincan: Refahiye, 1989. VI. 8., RI et RA; Basköy, 1989. VI. 7., RI; Ganiefendi Çiftlik Köyü, 1200 m, 1996. VI. 27., SZD; prov. Kütahya: 55 km S of Bözüyük, Eskiüyüregil, 2001. V. 27., RG et RIB; prov. Afyon: Çobankaya, 2001. V. 24., RG et RIB; 30 km N of Afyon, Arslantaş, 2001. V. 25., RG et RIB; prov. Nevşehir: 6 km S of Nevşehir, Çardak Köyü, 1337 m, 2006. V. 8., RG et RIB; prov. Ankara: Pazar, 1984. V. 19., SZD; prov. Samsun: Mahmutlu, 700 m, 1996. VII. 8., SZD - General distribution: European-Anatolian species. Occurrence: wide-spread and very frequent.

Copris armeniacus Faldermann, 1835 - prov. Van: Kayabogaz, 1989. VI. 1., RI; prov. Kars: Mts. Ararat, 1989. VI. 4., RI; prov. Erzincan: Refahiye, 1989. VI. 8., RI - General distribution: Caucasian species. This is on the mountainous district of East-Anatolia sporadic and rare.

Euoniticellus Janssens, 1953

Euoniticellus fulvus (Goeze, 1777) - prov. Burdur: Dinar, 1984. V. 6., RI, RA et SZD; prov. Denizli: Pamukkale, Hierapolis, 1984. V. 5., RI, RA et SZD; prov. Içel: Çamlyayla, 1984. V. 15., RI et SZD; Mts. Taurus, Kerimler, 1984. V. 13., RI; Mts. Taurus, Yavca, 1984. V. 13., RI et SZD; prov. Sakarya: Düzce, 1984. V. 20., RI; prov. Edirne: Paşayığit, 1984. V. 1., RI; prov. Kırşehir: Ösbag, 1984. V. 18., RI et SZD; prov. Sakarya: Kirkpınar, 1984. V. 20., RI; prov. Aydın: Umurlu, 1984. V. 4., RI, RA et SZD; prov. Ankara: Pazar, shore of lake, 1984. V. 19., RI; Kalecik, 1987. V. 13., RI; prov. Gümüşhane: Telme, 1987. V. 20., RI; prov. Giresun: Mts. Giresun, Şebinkarahisar, 1987. V. 19., RI; prov. Eskişehir: Çukurca Köyü, 1987. V. 29., RI; prov.

Çorlu: Lüleburgaz, 1987. V. 11., RI; prov. Uşak: Banaz, 1989. V. 24., RI et RA; prov. Samsun: Mahmutlu, 1996. VII. 8., RI et SZD; prov. Afyon: Arslantaş, 30 km N of Afyon, 2001. V. 25., RG; Çobankaya, 2001. V. 24., RG et RIB; Çayırbağ, 2001. V. 25., RG et RIB; prov. Muğla: Çukurincir, 2001. V. 21., RG et RIB; prov. Balıkesir: Kapıdağı Yarımadası, Çakilköy, 2001. VI. 1., RG et RIB; Kapıdağı Yarımadası, Ballipinar, 2001. V. 31 - VI. 1., RG et RIB; prov. Kütahya: 32 km SE of Keles, Esen, 2001. V. 27., RG et RIB; prov. Isparta: Asagigökdere, 2001. V. 23., RG et RIB; prov. Bursa: Mts. Ulu Dağ, Bursa, 1200 m, 2001. V. 28., RG et RIB; prov. Kırklareli: 10 km SE of Kırklareli, Kizilcikdere, 205 m, 2006. V. 11., RG et RIB; prov. Nevşehir: 6 km S of Nevşehir, Çardak Köyü, 1337 m, 2006. V. 8., RG et RIB; prov. Tekirdağ: Saray, 172 m, 2006. V. 11., RG et RIB - General distribution: West-Palaearctic species. Occurrence: very wide-spread and common.

Euoniticellus pallipes (Fabricius, 1781) - prov. Denizli: Pamukkale, Hierapolis, 1984. V. 5., RI; prov. Burdur: Dinar, 1984. V. 6., RI; prov. Aydın: Umurlu, 1984. V. 4., RI et SZD; prov. Siirt: Bank of Kahveci, 1989. V. 31., RI; prov. Afyon: Çobankaya, 2001. V. 24., RG et RIB; prov. Isparta: coast of Eğirdir-gölü, Boyalı, 2001. V. 24., RG et RIB; Asagigökdere, 2001. V. 23., RG et RIB; prov. Muğla: Çukurincir, 2001. V. 21., RG et RIB - General distribution: Eurasian species. Occurrence: wide-spread, but not frequent.

***Oniticellus* Serville, 1825**

Oniticellus (Paroniticellus) festivus (Steven, 1809) - prov. Çorum: Sekerhacılı, 1987. V. 15., RI; prov. Kırşehir: 30 km N of Kırşehir, 10 km SE of Akpınar, 1154 m, 2006. V. 9., RG et RIB - General distribution: Pontic species. Occurrence: sporadic and rare.

***Bubas* Mulsant, 1842**

Bubas bison (Linnaeus, 1767) - prov. Izmir: Zeytindağ, 2001. V. 14., RG et RIB; prov. Adana: Kabasakal, 1990. IV. 3., SZD - General distribution: Mediterranean species. This is a new record for Turkey.

Bubas bubaloides Janssens, 1938 - prov. Içel: Mts. Taurus, Viranşehir, 1984. V. 13., SZD - General distribution: Circummediterranean species. Occurrence: sporadic, not frequent.

***Chironitis* Lansberge, 1875**

Chironitis furcifer (Rossi, 1792) - prov. Adıyaman: Mt. Nemrut, 1800 m, 1989. V. 29., RI et RA; prov. Bursa: Demirci, 1989. VI. 14., RI - General distribution: Circummediterranean species. Occurrence: sporadic and not frequent.

Chironitis haroldi (Ballion, 1870) - prov. Ankara: Yassihöyük, 1989. VI. 11., RI; prov. Adana: Hierapolis, 1989. V. 27., RI; Kabasakal, 1990. IV. 3., SZD; prov. Adıyaman: Mt. Nemrut, 1800 m, 1989. V. 29., RI; prov. Siirt: south shore of lake Van, 1989. VI. 1., RI; prov. Diyarbakir: Alipaşa, 1990. IV. 9., SZD - General distribution: Caucasian-Turanian species. It lives in East-Anatolia, very rare.

***Onitis* Fabricius, 1798**

Onitis damoetas Steven, 1806 - prov. Denizli: Pasmukkale, Hierapolis, 1984. V. 5., RI, RA et SZD; prov. Izmir: Bergama, Pergamon, 1984. V. 3., RI; NE of Zeytindağ, Koyuneli, 2001. V. 14., RG; prov. Kırşehir: Ösbağ, 1984. V. 18., RI; prov. Afyon: Çobankaya, 2001. V. 24., RG et RIB - General distribution: Pontomediterranean species. Occurrence: sporadic and not frequent.

Onitis humerosus (Pallas, 1771) - vil Içel: Mts. Taurus, Kerimler, 1984. V. 13., RI et RA; prov. Denizli: Pamukkale, Hierapolis, 1984. V. 5., RI, RA et SZD; prov. Ankara: Yassihöyük, 1987. V. 27., 1989. VI. 11., RI et RA; prov. Adıyaman: Mt. Nemrut, 1800 m, 1989. V. 29., RI; Narince, 1990. IV. 7., SZD; prov. Uşak: Banaz, 1989. V. 24., RI; prov. Izmir: NE of Zeytindağ, Koyuneli, 2001. V. 14., RG; prov. Afyon: Çayırbağ, 2001. V. 25., RG; prov. Adana: Kabasakal, 1990. IV. 3., SZD; prov. Diyarbakir: Alipaşa, 1990. IV. 9., SZD - General distribution: Eurasian species. Occurrence: wide-spread and frequent.

***Caccobius* Thomson, 1859**

Caccobius histeroides (Ménétriés, 1832) - prov. Denizli: Çardak, 1984. V. 6., RI; Pamukkale, Hierapolis, 1984. V. 5., SZD; prov. Burdur: Dinar, 1984. V. 6., RI et SZD; prov. Kırşehir: Ösbağ, 1984. V. 18., RI; prov. Adıyaman: Mt. Nemrut, 1800 m, 1989. V. 29., RI et RA; prov. Uşak: Banaz, 1989. V. 24., RI; prov. Edirne: Paşayığıt, 1989. V. 21., RI; prov. Bursa: Demirci, 1989. VI. 14., RI; prov. Ankara: Yassihöyük, 1989. V. 11., RI; prov. Ağrı: Meydandağı, 1989. VI. 3., RI; prov. Van: Gedikbulakköyü, 1990. IV. 11., SZD - General distribution: Pontomediterranean species. Occurrence: wide-spread and frequent.

Caccobius schreberi (Linnaeus, 1767) - prov. Erzincan: Ganiefendi, Ciftlik Köyü, 1200 m, 1996. VI. 27-28., RI; Yaylakent, 1989. VI. 7., RI; prov. Çorum: Bogazkale, 1987. V. 14-16., 1989. VI. 10., RI et RA; Sekerhacili, 1987. V. 15., RI et RA; Osmancik, 450 m, 1996. VII. 9., SZD; prov. Sivas: 13 km E of Zara, 1987. V. 23., RI et RA; Ortagöze, 1987. V. 23., RI et RA; Kizilli, 1987. V. 24., RI; prov. Çorlu: Lüleburgaz, 1987. V. 11., RI et RA; prov. Giresun: Mts. Giresun, Şebinkarahisar, 1987. V. 19., RI et RA; prov. Eskişehir: Çukurca Köyü, 1987. V. 29., RI et RA; Yazilikaya, 1987. V. 29., RI; Sükrauli Köyü, 1987. V. 29., RI et RA; Kümbet, 1987. V. 30., RI; Oglacki, 1987. V. 29., RI; Kirka, 1989. VI. 13., RI; Karaağac Köyü, 1989. VI. 12., RI; prov. Ankara: Izzettin, 30 km E of Kirikkale, 1987. V. 13., RI et RA; prov. Gümüşhane: Telme, 1987. V. 20., RI et RA; prov. Sakarya: Esme, 1987. V. 11., RI; prov. Rize: Mts. Rize, Dereköy, 1987. V. 21., RI et RA; prov. Bursa: Demirci, 1989. VI. 14., RI; prov. Adiyaman: Mt. Nemrut, 1800 m, 1989. V. 29., RI et RA, 1990. IV. 6., SZD; prov. Uşak: Banaz, 1989. V. 24., RI; prov. Siirt: Bank of Kahveci, 1989. V. 31., RI; prov. Ağrı: Meydandağı, 1989. VI. 3., RI; prov. Isparta: Boyalı, Eğirdir Gölü, 2001. V. 24., RG; vil İzmir: NE of Zeytindağ, Koyuneli, 2001. V. 14., RG et RIB; prov. Aydın: Umurlu, 1984. V. 4., SZD; prov. Denizli: Pamukkale, Hierapolis, 1984. V. 5., SZD; prov. Burdur: Dinar, 1984. V. 6., SZD; prov. Içel: Mts. Taurus, Yavca, 1984. V. 13., SZD; Mts. Taurus, Çamlyayla, 1984. V. 15., SZD; prov. Kırşehir: Ösbağ, 1984. V. 18., SZD - General distribution: European-Turanian species. Occurrence: very wide-spread and common.

***Euonthophagus* Balthasar, 1959**

Euonthophagus amyntas alces Fabricius, 1792 - prov. Ankara: Pazar, shore of lake, 1984. V. 19., 1987. V. 12., RI et RA; Izzettin, 30 km E of Kirikkale, 1987. V. 13., RI et RA; Yassihöyük, 1989. VI. 11., RI et RA; prov. Niğde: Niğde, 1984. V. 10., RI; prov. Aydın: Umurlu, 1984. V. 4., RI; prov. Içel: Mts. Taurus, Çamlyayla, 1984. V. 15., RI et RA; Mts. Taurus, Yavca, 1984. V. 13., RI et RA; Mts. Taurus, Kerimler, 1984. V. 13., RI et RA; Sarıkavak, 1989. V. 27., RI; prov. Burdur: Dinar, 1984. V. 6., RI, RA et SZD; prov. Denizli: Pamukkale, Hierapolis, 1984. V. 5., RI; 3 km N of Buldan, 2001. V. 16., RG et RIB; prov. Edirne: Paşayığıt, 1984. V. 1., 1989. VI. 21., RI; prov. Gümüşhane: Mts. Gümüşhane, 1600 m, Alucra, 1987. V. 19., RI; Telme, 1987. V. 20., RI; prov. Afyon: Kunduzlu, 1987. V. 30., RI; 30 km N of Afyon, Arslantaş, 2001. V. 25., RG et RIB; Çayırbağ, 2001. V. 25., RG et RIB; Çobankaya, 2001. V. 24., RG et RIB; prov. Giresun: Mts. Giresun, Şebinkarahisar, 1987. V. 19., RI; prov. Çorlu: Marmaracik, 1987. VI. 3., RI et RA; Lüleburgaz, 1987. V. 11., RI et RA; prov. Sivas: 13 km E of Zara, 1987. V. 23., RI; Ortagöze, 1987. V. 23., RI et RA; prov. Çorum: Balgöze, 1987. V. 16., RI; prov. Rize: Mts. Rize, Dereköy, 1987. V. 21 RI; prov. Van: Kızıltaş, 1989. VI. 2., RI et RA; Karabogaz, 1989. VI. 1., RI; prov. Eskişehir: Kirka, 1989. VI. 13., RI; Karaağac Köyü, 1989. VI. 12., RI; Yazilikaya, Midas Şehri, 2001. V. 26., RG et RIB; Seyitgazi, 2001. V. 26., RG et RIB; prov. Bursa: Demirci, 1989. VI. 14., RI; prov. Kars: Mts. Ararat, 1989. VI. 4., RI; prov. Adiyaman: Mts. Nemrut, 1800 m, 1989. V. 29., RI et RA; prov. Uşak: Banaz, 1989. V. 24., RI et RA; prov. Ağrı: Meydandağı, 1989. VI. 3., RI; prov. Siirt: Sapur Dinlemne Yeri, 1989. VI. 1., RI; prov. Samsun: Mahmutlu, 1996. VII. 8., RI; prov. Kütahya: 32 km SE of Keles, Esen, 2001. V. 27., RG et RIB; Yoncali, 2001. V. 27., RG et RIB; prov. İzmir: Ne of Zeytindağ, Koyuneli, 2001. V. 14., RG et RIB; Zeytindağ, 2001. V. 14., RG et RIB; Bergama, Akropolis, 1984. V. 3., SZD; prov. Balıkesir: Kapıdağı Yarımadası, Ballıpinar, 2001. V. 31 - VI 1., RG et RIB; prov. Manisa: Sartmustafa, Sardes, 2001. V. 15., RG et RIB; prov. Çanakkale: Ezine, 1984. V. 2., SZD; prov. Içel: Mts. Taurus, Yavca, 1984. V. 13., SZD; prov. Adana: Kabasakal, 1990. IV. 3., SZD; prov. Diyarbakir: Alipaşa, 1990. IV. 9., SZD - General distribution: Eurasian species. This subspecies lives in Central-, East-Europa and Asia Minor. Occurrence: very wide-spread and common.

Euonthophagus atramentarius (Ménétriés, 1832) - prov. Kırşehir: Ösbağ, 1984. V. 18., RI, RA et SZD; prov. Edirne: Paşayığıt, 1984. V. 1., RI; prov. Burdur: Dinar, 1984. V. 6., RI et RA; prov. İzmir: Bergama, Pergamon, 1984. V. 3., RI, RA et SZD; Ne of Zeytindağ, Koyuneli, 2001. V. 15., RG et RIB; prov. Içel: Mts. Taurus, Yavca, 1984. V. 13., RI et SZD; Mts. Taurus, Kerimler, 1984. V. 13., RI et RA; Anamur, 1984. V. 11., RI; prov. Denizli: Pamukkale, Hierapolis, 1984. V. 5., RI, RA et SZD; 2001. V. 16-17; RG et RIB; prov. Uşak: Banaz, 1989. V. 24., RI; prov. Van: Kızıltaş, 1989. VI. 2., RI; prov. Eskişehir: Yazilikaya, Midas Şehri, 2001. V. 26., RG; prov. Isparta: Boyalı, Eğirdir Gölü, 2001. V. 24., RG; vil Muğla: Çukurincir, 2001. V. 21., RG et RIB; 5 km NW of Kargı, Katrancı, 2001. V. 18-20., RG et RIB; prov. Afyon: Çobankaya, 2001. V. 24., RG et RIB; prov. Çanakkale: Ayvacik, 2001. V. 13., RG et RIB; Ezine, 1984. V. 2., SZD; prov. Adana: Kabasakal, 1990. IV. 3., SZD; prov. Adiyaman: Nemrut Dağı, 1990. IV. 6., SZD; Kâhta, Karakus, 1990. IV. 6., SZD; prov. Diyarbakir: Alipaşa, 1990. IV. 9., SZD; prov. Niğde: Aksaray, 1990. IV. 17., SZD; prov. Çorum: Osmancik, 450 m, 1996. VII. 9., SZD; prov. Gaziantep: Gaziantep, 1990. IV. 5., SZD - General distribution: Pontomediterranean species. Occurrence: wide-spread and very frequent.

Euonthophagus gibbosus (Scriba, 1790) - prov. Ankara: Pazar, shore of lake, 1984. V. 19., 1987. V. 12., RI et SZD; Keskin, 1984. V. 18., SZD; prov. Kırşehir: Ösbag, 1984. V. 18., RI et SZD; 30 km N of Kırşehir, 10 km SE of Akpınar, 154 m, 2006. V. 9., RG; prov. Nevşehir: Kappadokia, Göreme, 1984. V. 16-17., RI; 6 km S of Nevşehir, Çardak Köyü, 1337 m, 2006. V. 8., RG; prov. Eskişehir: Sükrauli Köyü, 1987. V. 29., RI; prov. Çorum: Sekerhacili, 1987. V. 15., RI et RA; Bogazkale, 1987. V. 14-16., RI; prov. Sivas: Ortagoze, 1987. V. 23., RI; prov. Rize: Mts. Rize, Dereköy, 1987. V. 21., RI et RA; prov. Adiyaman: Mt. Nemrut, 1800 m, 1989. V. 29., RI et RA, 1990. IV. 6., SZD; prov. Bursa: Demirci, 1989. VI. 14., RI; prov. Erzincan: Basköy, 1989. VI. 7., RI; prov. Siirt: South shore of Van-lake, 1989. VI. 1., RI; prov. Kırklareli: 10 km SE of Kırklareli, Kizilcikdere, 205 m, 2006. V. 11., RG; prov. Burdur: Dinar, 1984. V. 6., SZD; prov. Içel: Mts. Taurus, Yavca, 1984. V. 13., SZD; Mts. Taurus, Çamlyayla, 1984. V. 15., SZD - General distribution: Eurasian species. Occurrence: Wide-spread and frequent.

***Onthophagus* Latreille, 1802**

Onthophagus (Furconthophagus) furcatus (Fabricius, 1781) - prov. Aydın: Umurlu, 1984. V. 4., RI et SZD; prov. Ankara: Pazar, shore of lake, 1984. V. 19., 1987. V. 12., RI et SZD; Yassihöyük, 1987. V. 27., 1989. VI. 11., RI; Kalecik, 1987. V. 13., RI et RA; Izzettin, 30 km E of Kirikkale, 1987. V. 13., RI et RA; prov. Nevşehir: Kappadokia, Kaymaklı, 1984. V. 16., RI; Gülşehir, 1984. V. 18., RI; Göreme, 1984. V. 16-17., RI; 6 km S of Nevşehir, Çardak Köyü, 2006. V. 8., RG et RIB; prov. Burdur: Dinar, 1984. V. 6., RI, RAet SZD; prov. Denizli: Pamukkale, Hierapolis, 1984. V. 5., RI et SZD; Çardak, 1984. V. 6., RI et RA; prov. Içel: Mts. Taurus, Çamlyayla, 1984. V. 15., RI et SZD; Mts. Taurus, Yavca, 1984. V. 13., RI, RAet SZD; prov. Edirne: Kırçasalılı, 1984. V. 1., RI, RA et SZD; Paşayığıt, 1984. V. 1., RI; prov. Kırşehir: Ösbag, 1984. V. 18., RI, RA et SZD; 30 km N of Kırşehir, 10 km SE of Akpınar, 2006. V. 9., RG et RIB; prov. Eskişehir: Oglacki, 1987. V. 28., RI et RA; Çukurca Köyü, 1987. V. 29., RI; Kirka, 1989. VI. 3., RI et RA; Karaağac Köyü, 1989. VI. 12., RI et RA; Sükrani Köyü, 1987. V. 29., RI et RA; prov. Çorum: Sekerhacili, 1987. V. 15., RI; prov. Çorlu: Çorlu, 1987. V. 3., RI; prov. Gümüşhane: Telme, 1987. V. 20., RI; Mts. Gümüşhane, 1600 m, Alucra, 1987. V. 19., RI et RA; prov. Rize: Mts. Rize, Dereköy, 1987. V. 21., RI; prov. Van: Kiziltaş, 1989. VI. 2., RI et RA; prov. Adiyaman: Mt. Nemrut, 1800 m, 1989. V. 29., RI, 1990. IV. 6., SZD; Kâhta, Karakus, 1990. IV. 6., SZD; prov. Uşak: Banaz, 1989. V. 24., RI; prov. Bursa: Demirci, 1989. VI. 14., RI; prov. Ağrı: Meydandağı, 1989. VI. 3., RI; prov. Giresun: Mts. Giresun, Şebinkarahisar, 1987. V. 19., RI; prov. Sivas: Kizil Dağ, 1900 m, 1987. V. 23., RI et RA; prov. Siirt: Bank of Kahveci, 1989. V. 31., RI et RA; prov. Tarsus: Gülek, 808 m, 2006. IV. 17., RG et RIB; prov. Afyon: Çobankaya, 2001. V. 24., RG et RIB; Çalısar, 2001. V. 25., RG et RIB; 30 km N of Afyon, Arslantaş, 2001. V. 25., RG et RIB; prov. Çanakkale: Mt. Kavak Dağı, Ayvacık, 2001. V. 13., RG et RIB; Mt. Koru Dağ, Kocaçeşme, 2001. V. 12., RG et RIB; prov. Kütahya: 32 km SE of Keles, Esen, 2001. V. 27., RG et RIB; prov. Antalya: 10 km N of Manavgat, Bucakseyhler, 2001. V. 22., RG et RIB; prov. Balıkesir: Kapıdağı Yarımadası, Ballıpinar, 2001. V. 31 - VI. 1., RG et RIB; prov. Samsun: Mahmutlu, 700 m, 1996. VII. 8., SZD - General distribution: West-Palaearctic species. Occurrence: very wide-spread and common.

Onthophagus (s.str.) illyricus (Scopoli, 1763) - prov. Aydın: Umurlu, 1984. V. 4., prov. Içel: Mts. Taurus, Kerimler, 1984. V. 13., RI et RA; Mts. Taurus, Yavca, 1984. V. 13., SZD; prov. Kırşehir: Ösbag, 1984. V. 18., RI; prov. Uşak: Banaz, 1989. V. 24., RI; prov. Isparta: Asagigökdere, 2001. V. 23., RG; vil Balıkesir: Kapıdağı Yarımadası, Ballıpinar, 2001. V. 31 - VI. 1., RG et RIB; prov. Muğla: Çukurincir, 2001. V. 21., RG et RIB; 5 km NW of Kargı, Katrancı, 2001. V. 18-20., RG et RIB; prov. Kütahya: 32 km SE of Keles, Esen, 2001. V. 27., RG et RIB - General distribution: European-Anatolian species. Occurrence: sporadic and frequent.

Onthophagus (s.str.) taurus (Schreber, 1759) - prov. Ankara: Pazar, shore of lake, 1984. V. 19., 1987. V. 12., RI et RA; prov. Aydın: Umurlu, 1984. V. 4., RI, RA et SZD; prov. Içel: Korykos, 1984. V. 12., RI; Mts. Taurus, Yavca, 1984. V. 13., RI, RA et SZD; prov. Antalya: Side, 1984. V. 9., RI; prov. Kırşehir: Ösbag, 1984. V. 18., RI, RA et SZD; prov. Edirne: Paşayığıt, 1984. V. 1., RI; 20 km SE of Edirne, 109 m, 2006. V. 11., RG et RIB; Çukurköy, 2001. V. 12., RG et RIB; prov. Sakarya: Düzce, 1984. V. 20., RI et RA; Kırkpınar, 1984. V. 20., RI; Esmé, 1987. V. 11., RI; prov. Giresun: Mts. Giresun, Şebinkarahisar, 1987. V. 19., RI; prov. Çorum: Sekerhacili, 1987. V. 15., RI; Bogazkale, 1987. V. 14-16., RI; prov. Çorlu: Marmaracık, 1987. VI. 3., RI; Lüleburgaz, 1987. V. 11., RI et RA; prov. Sivas: 13 km E of Zara, 1987. V. 23., RI; prov. Uşak: Banaz, 1989. V. 24., RI; prov. Bursa: Demirci, 1989. VI. 14., RI; prov. Erzincan: Ganiefendi, Ciftlik Köyü, 200 m, 1996. VI. 27-28., RI; prov. Isparta: Asagigökdere, 2001. V. 23., RG; prov. Balıkesir: Kapıdağı Yarımadası, Ballıpinar, 2001. V. 31 - VI. 1., RG et RIB; prov. Muğla: Çukurincir, 2001. V. 21., RG et RIB; prov. Kırklareli: 10 km SE of Kırklareli, Cizilcikdere, 205 m, 2006. V. 11., RG et RIB; prov. Afyon: 30 km N of Afyon, Arslantaş, 2001. V. 25., RG et RIB; prov. Kütahya: 32 km SE of Keles, Esen, 2001. V. 27., RG et RIB; prov. Tekirdağ: 10 km

N of Çerkezköy, 158 m, 2006. V. 11., RG; prov. Diyarbakir: Alipaşa, 1990. IV. 9., SZD; prov. Gaziantep: Gaziantep, 1990. IV. 5., SZD - General distribution: Palearctic species. Occurrence: very wide-spread and common.

Onthophagus (Palaeonthophagus) cruciatus Ménétrés, 1832 - prov. Burdur: Dinar, 1984. V. 6., RI et RA; prov. Ankara: Keskin, 1984. V. 18., RI; prov. Çorum: Sekerhecili, 1987. V. 15., RI; prov. Van: Kızıltaş, 1989. VI. 2., RI - General distribution: East-Mediterranean-Caucasian species. Occurrence: sporadic and not frequent.

Onthophagus (Palaeonthophagus) ruficapillus Brullé, 1832 - prov. Burdur: Dinar, 1984. V. 6., RI, RA et SZD; prov. Aydın: Umurlu, 1984. V. 4., RI, RA et SZD; prov. Denizli: Pamukkale, Hierapolis, 1984. V. 5., RI, RA et SZD; prov. Tekirdağ: Muratlı, 1984. V. 23., RI; Saray, 172 m, 2006. V. 11., RG et RIB; prov. Içel: Mts. Taurus, Yavca, 1984. V. 13., RI, et SZD; Mts. Taurus, Kerimler, 1984. V. 13., RI et RA; Anamur, 1984. V. 11., RI; Mts. Taurus, Çamlıyayla, 1984. V. 15., SZD; prov. Sakarya: Kirkpınar, 1984. V. 20., RI; Esmé, 1987. V. 11., RI et RA; prov. Edirne: Kirçasalılı, 1984. V. 1., RI; Çukurköy, 2001. V. 12., RG et RIB; prov. Kirşehir: Ösbag, 1984. V. 18., RI, RA et SZD; 30 km N of Kirşehir, 1154 m, 2006. V. 9., RG et RIB; prov. Ankara: Akyarmpass, 1500 m, bank of Aktas-river, 1987. V. 12., RI; Yassihöyük, 1987. V. 27., 1989. VI. 11., RI; prov. Amasya: Suluova, 1987. V. 16., RI; prov. Çorum: Alacahöyük, 1987. V. 15., RI; Bogazkale, 1987. V. 14-16., RI et RA; prov. Giresun: Mts. Giresun, Şebinkarahisar, 1987. V. 19., RI; prov. Eskişehir: Kümbet, 1987. V. 30., RI; Seyitgazi, 2001. V. 26., RG et RIB; prov. Çorlu: Marmaracık, 1987. VI. 3., RI; Lüleburgaz, 1987. V. 11., RI et RA; prov. Sivas: Salur, 1987. V. 23., RI; 13 km E of Zara, 1987. V. 23., RI et RA; Ortagoze, 1987. V. 23., RI; prov. Erzurum: Egerti, 1987. V. 22., RI; prov. Yozgat: Derbent, 1989. VI. 10., RI; prov. Adana: Kabasakal, 1990. IV. 3., SZD; prov. Samsun: Mahmutlu, 700 m, 1996. VII. 8., SZD; prov. Muğla: Köyceğiz, 2001. V. 18., RG et RIB; prov. Izmir: Zeytindağ, 2001. V. 14., RG et RIB; prov. Çanakkale: Mts. Kuru Dağ, Kocaçeşme, 2001. V. 12., RG et RIB; prov. Nevşehir: 6 km S of Nevşehir, Çardak Köyü, 1337 m, 2006. V. 8., RG et RIB; prov. Kütahya: Yoncalı, 2001. V. 27., RG et RIB; prov. Afyon: Çobankaya, 2001. V. 24., RG et RIB; Çalıslar, 2001. V. 25., RG et RIB; prov. Kırklareli: 10 km SE of Kırklareli, Kızılçikdere, 205 m, 2006. V. 11., RG et RIB; prov. Tarsus: Gülek, 808 m, 2006. IV. 17., RG et RIB; 50 km N of Tarsus, 5 km N of Gülek, 1329 m, 2006. V. 7., RG et RIB; prov. Balıkesir: Kapıdağı Yarımadası, Ballıpınar, 2001. V. 31 - VI. 1.; RG et RIB; prov. Isparta: Asagiökdere, 2001. V. 23., RG et RIB - General distribution: European-Anatolian species. Occurrence: very wide-spread and common.

Onthophagus (Palaeonthophagus) coenobita (Herbst, 1783) - prov. Erzurum: Mts. Rize, Ispir, 1987. V. 21., RI - European-Turanian species. Occurrence: sporadic and rare.

Onthophagus (Palaeonthophagus) fessicornis Steven, 1809 - prov. Çorlu: Marmaracık, 1987. VI. 3., RI; prov. Eskişehir: Yazılıkaya, 1987. V. 29., RI; Yazılıkaya, Midas Şehri, 2001. V. 26., RG; Kirka, 1989. VI. 13., RI; prov. Içel: Mts. Taurus, Çamlıyayla, 1984. V. 15., RI et SZD; Mts. Taurus, Yavca, 1984. V. 13., RI et SZD; Mts. Taurus, Kerimler, 1984. V. 13., RI et RA; Mts. Taurus, Aladağ, 1984. V. 13., RI; prov. Burdur: Dinar, 1984. V. 6., RI, RA et SZD; prov. Denizli: Pamukkale, Hierapolis, 1984. V. 5., RI, RA et SZD; prov. Izmir: Bergama, Pergamon, 1984. V. 3., RI et SZD, 1989. V. 23., RI; Zeytindağ, 2001. V. 14., RG et RIB; prov. Kirşehir: Ösbag, 1984. V. 18., RI et SZD; prov. Edirne: Paşayığıt, 1984. V. 1., RI et RA; Çukurköy, 2001. V. 12., RG et RIB; prov. Ankara: Pazar, shore of lake, 1984. V. 19., 1987. V. 12., RI; prov. Gümüşhane: Telme, 1987. V. 20., RI; prov. Sivas: Kızıllı, 1987. V. 24., RI; prov. Adıyaman: Mt. Nemrut, 1800 m, 1989. V. 29., RI, 1990. IV. 6., SZD; prov. Uşak: Banaz, 1989. V. 24., RI; prov. Isparta: Boyalı, Eğridir Gölü, 2001. V. 24., RG; prov. Kütahya: 32 km SE of Keles, Esen, 2001. V. 27., RG et RIB; Yoncalı, 2001. V. 27., RG et RIB; prov. Afyon: Çobankaya, 2001. V. 24., RG et RIB; Ayazini, 1990. IV. 18., SZD; prov. Çanakkale: Mt. Kavak Dağı, Ayvacık, 2001. V. 13., RG et RIB; Mt. Kuru Dağ, Kocaçeşme, 2001. V. 12., RG et RIB; prov. Bursa: Bursa, Mts. Ulu Dağ, 1200 m, 2001. V. 28., RG et RIB; prov. Antalya: 10 km N of Manavgat, Bucakseyhler, 2001. V. 22., RG et RIB; prov. Tekirdağ: Saray, 172 m, 2006. V. 11., RG et RIB; prov. Tarsus: Gülek, 808 m, 2006. IV. 17., RG et RIB; prov. Balıkesir: Kapıdağı Yarımadası, Çakilköy, 2001. VI. 1., RG et RIB; prov. Adana: Kabasakal, 1990. IV. 3., SZD - General distribution: East-Mediterranean species. Occurrence: very wide-spread and common.

Onthophagus (Palaeonthophagus) fassinus Fairmaire, 1895 - prov. Afyon: Çobankaya, 2001. V. 24., RG et RIB - General distribution: East-Mediterranean species. Occurrence: sporadic and very rare.

Onthophagus (Palaeonthophagus) fracticornis (Preysler, 1790) - prov. Denizli: Pamukkale, Hierapolis, 1984. V. 5., RI; prov. Içel: Mts. Taurus, Çamlıyayla, 1984. V. 15., RI; Mts. Taurus, Yavca, 1984. V. 13., RI; prov. Ankara: Akyarmpass, 1500 m, bank of Aktas-river, 1987. V. 12., RI et RA; prov. Eskişehir: Sükraili Köyü, 1987. V. 29., RI; Kümbet, 1987. V. 30., RI; prov. Erzincan: Basköy, 1989. VI. 7., RI; Mts. Keşiş, Derekorosu,

1989. VI. 7., RI; prov. Kars: Mts. Ararat, 1989. VI. 4., RI; prov. Antalya: 10 km N of Manavgat, Bucakseyhler, 2001. V. 22., RG et RIB; prov. Balıkesir: Kapıdağı Yarımadası, Çakilköy, 2001. VI. 1., RG et RIB; prov. Afyon: Çobankaya, 2001. V. 24., RG et RIB; prov. Isparta: Asağigökdere, 2001. V. 23., RG et RIB; prov. Muğla: Çukurincir, 2001. V. 21., RG et RIB - General distribution: West-Palaearctic species. Occurrence: wide-spread and frequent.

Onthophagus (Palaeonthophagus) furciceps Marseul, 1869 - prov. Burdur: Dinar, 1984. V. 6., RI - General distribution: Pontomediterranean species. Occurrence: wide-spread and rare.

Onthophagus (Palaeonthophagus) gibbulus (Pallas, 1781) - prov. Giresun: Eğribel pass, 2200 m, 1996. VII. 6., SZD - General distribution: Eurasian species. Occurrence: sporadic and rare.

Onthophagus (Palaeonthophagus) lemur (Fabricius, 1781) - prov. Içel: Mts. Taurus, 1984. V. 13., RI; Mts. Taurus, Yavca, 1984. V. 13., SZD; prov. Sivas: Kizil Dağ, 1900 m, 1987. V. 23., RI et RA; prov. Eskişehir: Sükraili Köyü, 1987. V. 29., RI; Yazılıkaya, 1987. V. 29., RI; prov. Giresun: Şebinkarahisar, 1987. V. 19., RI; prov. Rize: Mts. Rize, Dereköy, 1987. V. 21., RI; prov. Erzincan: Basköy, 1989. VI. 7., RI; prov. Muğla: Köyceğiz, 2001. V. 18., RG et RIB - General distribution: European-Anatolian species. Occurrence: wide-spread, but not frequent.

Onthophagus (Palaeonthophagus) lucidus (Sturm, 1800) - prov. Içel: Mts. Taurus, Çamlyayla, 1984. V. 15., RI; Mts. Taurus, Kerimler, 1984. V. 13., RI et RA; prov. Burdur: Dinar, 1984. V. 6., RI et RA; prov. Kırşehir: Ösbag, 1984. V. 18., RI, RA et SZD; 30 km N of Kırşehir, 10 km S of Akpınar, 1154 m, 2006. V. 9., RG et RIB; prov. Ankara: Keskin, 1984. V. 18., RI; Uzzettin, 30 km E of Kirikkale, 1987. V. 13., RI et RA; Polatlı, 1987. V. 27., RI; Yassihöyük, 1987. V. 27., 1989. VI. 11., RI et RA; prov. Denizli: Pamukkale, Hierapolis, 1984. V. 5., RI; prov. Gümüşhane: Telme, 1987. V. 20., RI; prov. Sivas: 13 km E of Zara, 1987. V. 23., RI et RA; Salur, 1987. V. 23., RI; Ortagöze, 1987. V. 23., RI; prov. Erzurum: Askale, 1987. V. 22., RI; prov. Eskişehir: Kirka, 1989. VI. 13., RI; prov. Kars: Mts. Ararat, 1989. VI. 4., RI; prov. Van: Kızıltaş, 1989. VI. 2., RI; prov. Uşak: Banaz, 1989. V. 24., RI; prov. Afyon: Çobankaya, 2001. V. 24., RG et RIB; Çalıslar, 2001. V. 25., RG et RIB - General distribution: Pontomediterranean species. Occurrence: wide-spread and frequent.

Onthophagus (Palaeonthophagus) marginalis Gebler, 1817 - prov. Ankara: Yassihöyük, 1989. VI. 11., RI; Izzettin, 30 km E of Kirikkale, 1987. V. 13., RI; prov. Van: Kayabogaz, 1989. VI. 1., RI; prov. Eskişehir: Kirka, 1989. VI. 13., RI et RA; Sükraili Köyü, 1987. V. 29., RI; Seyitgazi, 2001. V. 26., RG et RIB; prov. Adiyaman: Mt. Nemrut, 1800 m, 1989. V. 29., RI et RA; prov. İzmir: Bergama, Pergamon, 1984. V. 3., RI et SZD; NE of Zeytindağ, Koyuneli, 2001. V. 14., RG et RIB; prov. Burdur: Dinar, 1984. V. 6., RI, RA et SZD; prov. Kırşehir: Ösbag, 1984. V. 18., RI; 30 km N of Kırşehir, 10 km SE of Akpınar, 1154 m, 2006. V. 9., RG et RIB; prov. Çorum: Sekerhacılı, 1987. V. 15., RI; Bogazkale, 1987. V. 14-16., RI; prov. Sivas: Ortagöze, 1987. V. 23., RI et RA; prov. Rize: Mts. Rize, Dereköy, 1987. V. 21., RI; prov. Kütahya: Yoncalı, 2001. V. 27., RG et RIB; prov. Çanakkale: Ezine, 1984. V. 2., SZD - General distribution: Eurasian species. Occurrence: wide-spread and frequent.

Onthophagus (Palaeonthophagus) opacicollis Reitter, 1893 - prov. Balıkesir: Kapıdağı Yarımadası, Çakilköy, 2001. VI. 1., RG et RIB; prov. Eskişehir: Yazılıkaya, Midas Şehri, 2001. V. 26., RG - General distribution: Circummediterranean species. Occurrence: sporadic, not frequent.

Onthophagus (Palaeonthophagus) osellai Pittino, 1982 - prov. Kars: Mts. Ararat, 1989. VI. 4., RI; prov. Erzincan: Basköy, 1989. VI. 7., RI et RA; prov. Burdur: Dinar, 1984. V. 6., SZD; prov. Içel: Mts. Taurus, Yavca, 1984. V. 13., SZD; Mts. Taurus, Çamlyayla, 1984. V. 15., SZD; prov. Adiyaman: Nemrut Dağı, 1990. IV. 6., SZD; prov. Erzurum: Erzurum, 1990. IV. 13., SZD - General distribution: Caucasian species. Occurrence: sporadic, rare.

Onthophagus (Palaeonthophagus) ponticus Harold, 1883 - prov. Eskişehir: Oğlackı, 1987. V. 28., RI; prov. Nevşehir: 6 km S of Nevşehir, Çardak Köyü, 1337 m, 2006. V. 8., RG et RIB - General distribution: Pontic species. Occurrence: sporadic, rare.

Onthophagus (Palaeonthophagus) rostrifer Reitter, 1893 - prov. Erzincan: Mts. Keşiş, Derekorosu, 1989. VI. 7., RI et RA; Basköy, 1989. VI. 7., RI et RA; prov. Sivas: Kizil Dağ, 1900 m, 1987. V. 23., RI; prov. Erzurum: Egerti, 1987. V. 22., RI; prov. Kars: Mts. Ararat, 1989. VI. 4., RI et RA - General distribution: Caucasian species. This is wide-spread in the mountainous district of East-Turkey, not frequent.

Onthophagus (Palaeonthophagus) sericatus Reitter, 1893 - prov. Giresun: Mts. Giresun, Şebinkarahisar, 1987. V. 19., RI et RA; prov. Içel: Mts. Taurus, Kerimler, 1984. V. 13., RI; Mts. Taurus, Çamlyayla, 1984. V. 15., SZD; prov. Çorum: Bogazkale, 1987. V. 14-16., RI et RA; prov. Ankara: Pazar, 1987. V. 12., RI; prov. Eskişehir: Sükraili Köyü, 1987. V. 29., RI; prov. Sakarya: Esmе, 1987. V. 11., RI; prov. Siirt: Sapur, Dinlerme

Yeri, 1989. VI. 1., RI - General distribution: Balkan-Asiatic species. Occurrence: wide-spread, but not frequent.

Onthophagus (Palaeonthophagus) similis (Scriba, 1790) - prov. Denizli: Pamukkale, Hierapolis, 1984. V. 5., RI, RA et SZD; prov. İçel: Anamur, 1984. V. 11., RI; Virenşehir, 1984. V. 13., SZD; prov. Tarsus: Gülek, 808 m, 2006. IV. 17., RG et RIB; prov. Antalya: Aksu, Perge, 1984. V. 8., SZD - General distribution: West-Palaearctic species. This is a new record for Turkey.

Onthophagus (Palaeonthophagus) suturellus Brullé, 1832 - prov. Nevşehir: Kappadokia, Göreme, 1984. V. 16-17., RI; prov. Kırşehir: Ösbağ, 1984. V. 18., RI et RA; prov. Denizli: Pamukkale, Hierapolis, 1984. V. 5., RI et SZD; prov. Sivas: Kizil Dağ, 1900 m, 1987. V. 23., RI; Ortakoze, 1987. V. 23., RI; prov. Adiyaman: Mt. Nemrut, 1800 m, 1989. V. 29., RI, 1990. IV. 6., SZD; prov. Gaziantep: Gaziantep, 1990. IV. 15., OA; vil Eskişehir: Seyitgazi, 2001. V. 26., RG et RIB; prov. Kütahya: Yoncalı, 2001. V. 27., RG et RIB; prov. Burdur: Dinar, 1984. V. 6., SZD; prov. Siirt: Silvan, 1990. IV. 9., SZD - General distribution: Pontomediterranean species. Occurrence: wide-spread and frequent.

Onthophagus (Palaeonthophagus) tesquorum Semenov et Medvedev, 1929 - prov. Kırşehir: Ösbağ, 1984. V. 18., SZD; prov. Erzurum: Erzurum, 1990. IV. 13., SZD - General distribution: Pontomediterranean species. This is a new record for Turkey.

Onthophagus (Palaeonthophagus) truchmenus Kolenati, 1846 - prov. Rize: Mts. Rize, Dereköy, 1987. V. 21., RI; prov. Kırşehir: Ösbağ, 1984. V. 18., RI; prov. Çorum: Sekerhacılı, 1987. V. 15., RI; Bogazkale, 1987. V. 14-16., RI; prov. Sivas: 13 km E of Zara, 1987. V. 23., RI; Ortakoze, 1987. V. 23., RI; prov. Erzurum: Askale, 1987. V. 22., RI; Egerti, 1987. V. 22., RI; prov. Siirt: Sapur, Dinlerme Yeri, 1989. VI. 1., RI et RA; prov. Ağrı: Meydandağı, 1989. VI. 3., RI - General distribution: East-Mediterranean-Caucasian species. Occurrence: wide-spread and frequent.

Onthophagus (Palaeonthophagus) vacca (Linnaeus, 1767) - prov. Denizli: Pamukkale, Hierapolis, 1984. V. 5., RI et SZD; prov. İzmir: Bergama, Pergamon, 1984. V. 3., RI; prov. Edirne: Paşayığıt, 1984. V. 1., RI; prov. Aydın: Ortaklar, 1984. V. 4., RI; Umurlu, 1984. V. 4., RI et SZD; prov. Kırşehir: Ösbağ, 1984. V. 18., RI et SZD; prov. Çorum: Sekerhacılı, 1987. V. 15., RI et RA; prov. Gümüşhane: Siran, 1987. V. 20., RI; prov. Eskişehir: Sükrauli Köyü, 1987. V. 29., RI; Kümbet, 1987. V. 30., RI; Kirka, 1989. VI. 13., RI; prov. Ankara: Izzettin, 30 km E of Kirikkale, 1987. V. 13., RI; prov. Sivas: Kizil Dağ, 1900 m, 1987. V. 23., RI; 13 km E of Zara, 1987. V. 23., RI; prov. Çorlu: Lüleburgaz, 1987. V. 11., RI; prov. Kars: Mts. Ararat, 1989. VI. 4., RI et RA; prov. Erzincan: Basköy, 1989. VI. 7., RI; prov. Bursa: Ulu Dağ, 1989. VI. 14., RI; 2001. V. 28., RG et RIB; prov. Ağrı: Meydandağı, 1989. VI. 3., RI; prov. Afyon: Arslantaş, 30 km N of Afyon, 2001. V. 25., RG et RIB; Çayırbağ, 2001. V. 25., RG et RIB; Çobankaya, 2001. V. 24., RG et RIB; prov. Balıkesir: Kapıdağı Yarımadası, Çakilköy, 2001. VI. 1., RG et RIB; Kapıdağı Yarımadası, Çayazgi, 2001. VI. 1., RG et RIB; Kapıdağı Yarımadası, Ballipinar, 2001. V. 31 - VI. 1., RG et RIB; prov. Kütahya: 32 km SE of Keles, Esen, 2001. V. 27., RG et RIB; prov. Tekirdağ: Inecik, 2001. VI. 5., RG et RIB; prov. Çanakkale: Mt. Koru Dağ, Kocaçeşme, 2001. V. 12., RG et RIB; prov. Antalya: Aksu, Perge, 1984. V. 8., SZD - General distribution: Circummediterranean species. Occurrence: wide-spread and common.

Onthophagus (Palaeonthophagus) verticicornis (Laicharting, 1781) - prov. Eskişehir: Kümbet, 1987. V. 30., RI; prov. Isparta: Boyalı, Eğirdir Gölü, 2001. V. 24., RG; prov. İzmir: Bergama, 1989. V. 23., RI; prov. Kırklareli: 10 km SE of Kırklareli, Kizilcikdere, 205 m, 2006. V. 11., RG et RIB; prov. Afyon: Çobankaya, 2001. V. 24., RG et RIB - General distribution: European-Turanian species. Occurrence: wide-spread, but not frequent.

Onthophagus (Palaeonthophagus) vitulus (Fabricius, 1776) - prov. Nevşehir: Kappadokia, Kaymaklı, 1984. V. 16., RI et SZD; prov. Ankara: Izzettin, 30 km E of Kirikkale, 1987. V. 13., RI; Yassihöyük, 1987. V. 27., RI; prov. Eskişehir: Oğlackı, 1987. V. 28., RI; prov. Kırşehir: 30 km N of Kırşehir, 10 km SE of Akpınar, 1154 m, 2006. V. 9., RG et RIB; prov. Kırklareli: 10 km SE of Kırklareli, Kizilcikdere, 205 m, 2006. V. 11., RG et RIB; prov. Kayseri: Yeşilhisar, 1990. IV. 15., SZD - General distribution: European-Siberian species. Occurrence: sporadic, not frequens.

Galphyridae

Amphicoma Latreille, 1807

Amphicoma ciliata (Ménétriés, 1836) - prov. Erzincan: Tercan, 1500 m, 1996. VI. 28., SZD - General distribution: Asiatic endemic species. Occurrence: very rare.

Eulasia Truqui, 1848

Eulasia arctos arctos (Pallas, 1781) - prov. İçel: Mersin, 1984. V. 12., SZD - General distribution: Balkan-Caucasian subspecies. This is a new record for Turkey.

Eulasia (s.str.) arctos anatolica Reitter, 1903 - prov. Yozgat: Derbent, 1989. VI. 10., RI - General distribution: This subspecies lives in West-Anatolia.. Occurrence: rare. TN: *Sinapis-, Medicago-, Vicia-, Onopordum-, Euphorbia-spp.*

Eulasia (s.str.) arctos armeniaca (Reitter, 1890) - prov. Adana: Mts. Aladağ, Kizilcahaman, 1400 m, 1983. VI. 19-21., GK; prov. Adiyaman: Mt. Nemrut, 1989. V. 30., RI; prov. Ankara: Çamlidere pass, 1300 m, 1996. VI. 25., SZD - General distribution: Caucasian subspecies. Occurrence: it is found in East-Anatolia, frequent. TN: *Sinapis-, Medicago-, Vicia-, Onopordum-, Euphorbia-spp.*

Eulasia (s.str.) arctos martes (Frivaldsky, 1845) - prov. Yozgat: Derbent, 1989. VI. 10., RI et RA; prov. Bursa: Mts. Ulu Dağ, 1200 m, Sogukpinar, 2001. VI. 10., RG; prov. Bilecik: 10 km S of Bözüyük, Daridere, 2001. V. 26., RG et RIB; prov. Ankara: Çamlidere pass, 1300 m, 1996. VI. 25., SZD. - General distribution: Balkan-Anatolian subspecies. Occurrence: it is found in West-Anatolia, frequent. TN: *Sinapis-, Medicago-, Vicia-, Onopordum-, Euphorbia-spp.*

Eulasia (s.str.) bicolor bicolor (Waltl, 1838) - prov. Aydın: Ortaklar, 1984. V. 4., RI; prov. Ankara: Çamlidere, 1200 m, RI et RA; prov. Ağrı: Mts. Karasu-Aras, 7 km E of Aydıntepe, 2000. VII. 4., SZK; prov. Kırklareli: 10 km SE of Kırklareli, 250 m, Kizilcikdere, 2008. V. 11., RG et RIB; prov. Manisa: Sartmustafa, Sardes, 2001. V. 15., RG et RIB; 13 km N of Muradiye, Avdal, 2001. V. 15., RG et RIB; prov. İzmir: Mts. Boz Dağları, Bozdağ, 2001. V. 15., RG et RIB; prov. Artvin: Savsat, 1000 m, 1996. VI. 29., SZD; prov. Erzurum: Aksu, 1650 m, 1996. VI. 28., SZD - General distribution: Anatolian subspecies. Occurrence: wide-spread and frequent.

Eulasia (s.str.) bicolor dichroa (Reitter, 1890) - prov. Kırklareli: 20 km SE of Kırklareli, Kizilcikdere, 205 m, 2006. V. 11., RG - General distribution: Balkan subspecies. Occurrence: It is found in European Turkey, rare.

Eulasia (s.str.) bombylififormis bombylififormis (Pallas, 1781) - prov. Siirt: Köprücek, 1989. V. 1., RI; Kugunkiran-pass, 1989. VI. 1., RI et RA; prov. Adiyaman: Mt. Nemrut, 1800 m, RI et RA; prov. İçel: Mts. Taurus, 1600 m, Çamlyayla, 1989. V. 27., RI; Mts. Ala Dağ, Kizilcahaman, 1400m, 1983. VI. 19-21., GK - General distribution: Caucasian-Turanian species. Occurrence: sporadic and frequent. TN: *Sinapis-, Onopordum-, Rosa-, Anthemis-, Euphorbia-spp.*

Eulasia (s.str.) chrysopyga (Faldermann, 1835) - prov. Erzurum: Tortum, 1996. VI. 28., RI; prov. Ağrı: Tahir, Agilli-pass, 2000. VI. 12., RG; prov. Artvin: Yalınçam pass, 2000 m, 1996. VII. 1., SZD; prov. Ankara: Çamlidere pass, 1300 m, 1996. VI. 25., SZD; prov. Erzurum: Aksu, 1650 m, 1996. VI. 28., SZD - General distribution: Caucasian species. Occurrence: It is found in Anatolia, but rare.

Eulasia (s.str.) cornifrons Reitter, 1903 - prov. İçel: Mts. Taurus, 700 m, 8 km N of Erdemli, 2004. VI. 2., SZK et RN - General distribution: Endemic species is in South-Turkey. Occurrence: very rare. TN: *Papaver rhoeas, Sinapis-, Rosa-, Onopordum-, Euphorbia-, Triticum-spp.*

Eulasia (s.str.) diadema (Reitter, 1890) - prov. Antalya: Aksu, Perge, 1984. V. 8., RI; Güney, 1984. V. 10., RI, RA et SZD; Payallar, 1984. V. 9., RI; Kalediran, 1984. V. 10., RI et RA; Side, 1984. V. 9., RI; Antalya, 1984. V. 10., SZD; prov. İçel: Anamur, 1984. V. 11., RI, RA et SZD; prov. Isparta: 15 km N of Sütçüler, Sipahiler, 2001. V. 23., RG et RIB; Elsazi, 2001. V. 23., RG et RIB; prov. Muğla: 10 km E of Kas, 2001. V. 21., RG et RIB; Boncuk Dağı, Üzümlü, 2001. V. 19., RG et RIB; prov. Denizli: 5 km W of Tavas, Keceliler, 2001. V. 17., RG et RIB; prov. Antalya: 10 km N of Manavgat, Bucakseyhler, 2001. V. 22., RG et RIB - General distribution: Anatolian species. Occurrence: wide-spread, but not frequent.

Eulasia (s.str.) korbi (Petrovitz, 1972) - prov. Kars: Mts. Karasu-Aras, bank of Aras river, 1989. VI. 5., RI et RA - General distribution: Caucasian species. This is a new record for Turkey.

Eulasia (s.str.) nitidicollis (Reiche, 1862) - prov. Antalya: Kalediran, 1984. V. 10., RI et RA; prov. İçel: Mts. Taurus, Aladağ, 1984. V. 13., SZD - General distribution: East-Mediterranean species. Occurrence: sporadic and rare.

Eulasia (s.str.) praeusta clypealis Petrovitz, 1972 - prov. Sivas: Gürün, 1500 m, 1989. V. 6-8., SC - General distribution: Anatolian subspecies. Occurrence: sporadic and rare.

Eulasia (Rudeulasia) anemurensis (Petrovitz, 1964) - prov. Antalya: Aksu, Perge, 1984. V. 8., RI - General distribution: Endemic species is in South-Turkey. Occurrence: rare.

Eulasia (Rudeulasia) chalybaea brenskiei Reitter, 1890 - prov. Van: Banbimaki, 1989. VI. 3., RI et RA - General distribution: East-Turkey subspecies. Occurrence: rare.

Eulasia (Rudeulasia) eiselti (Petrovitz, 1967) - prov. Muğla: Boncuk Dağı, Üzümlü, 2001. V. 19., RG et RIB - General distribution: Endemic species is in West- and South- Anatolia. Occurrence: rare. TN: *Papaver*-spp.

Eulasia (Rudeulasia) harmonia (Petrovitz, 1962) - prov. Antalya: Aksu, Perge, 1984. V. 8., RI, RA et SZD; prov. Içel: Mts. Taurus, Aladağ, 1984. V. 13., RI et SZD - General distribution: Endemic species is in South-Turkey. Occurrence: not frequent.

Eulasia (Rudeulasia) hybrida (Reitter, 1890) - vil Van: Bandimaki, 1984. VI. 2., RI et RA -General distribution: Endemic species is in East-Turkey. Occurrence: rare.

Eulasia (Rudeulasia) papaveris (Sturm, 1843) - prov. Içel: Mts. Taurus, Ulaş, 1984. V. 14., RI et SZD; Mts. Taurus, 900 m, 5 km S of Güzeloluk, 2004. VI. 2., RN et SZK; Namrun, Çamlyayla, 1400 m, 1983. VI. 24-30, GK - General distribution: East-Mediterranean species. Occurrence: wide-spread and frequent. TN: *Papaveris rhoeas*, *Centaurea*-, *Rosa*-, *Rubus*-, *Anthemis*-, *Onopordum*-spp.

Eulasia (Rudeulasia) pulchra (Reitter, 1890) - prov. Içel: Sarikavak, 1989. V. 27., RI et RA -General distribution: Caucasian-Anatolian species. Occurrence: sporadic and not frequent.

Eulasia (Rudeulasia) speciosa (Champanois, 1900) - prov. Içel: Camalan, 702 m, 2006. IV. 17., RG - General distribution: East-Mediterranean species. Occurrence: sporadic and not frequent.

Eulasia (Vittateulasia) pareyssei (Brullé, 1832) (= *lasserrei* Germar, 1834) - prov. Izmir: Selçuk, Ephesos, 1984. V. 4., RI, RA et SZD; Bergama, Pergamon, 1984. V. 3., RI, RA et SZD; prov. Aydın: Ortaklar, 1984. V. 4., RI, RA et SZD; prov. Denizli: Pamukkale, Hierapolis, 1984. V. 5., RI et RA; Bergama, 2001. V. 14., RG et RIB; prov. Tekirdağ: 10 km N of Çekerköy, 158 m, 2006. VI. 11., RG et RIB; prov. Manisa: 5 km SE of Manisa, 2001. V. 15., RG et RIB; prov. Balıkesir: Kapıdağı Yarımadası, Ocaklar, 2001. VI. 2., RG et RIB; prov. Kırklareli: 10 km SE of Kırklareli, Kizilcıkdere, 205 m, 2006. V. 11., RG - General distribution: Balkan-Anatolian species. Occurrence: it is found in the European-Turkey and West-Anatolia, frequent.

Eulasia (Vittateulasia) vittata vittata (Fabricius, 1775) - prov. Uşak: Banaz, 1989. V. 24., RI; prov. Balıkesir: Ulukir, 1989. VI. 15., RI et RA; Mt. Kapi Dağ, 400 m, Ocaklar, 2001. V. 30., RG; Kapıdağı Yarımadası, Çakilköy, 2001. VI. 1., RG et RIB; Kapıdağı Yarımadası, Ocaklar, 2001. VI. 2., RG et RIB; Dari Kum, 2001. V. 30., RG et RIB; prov. Izmir: Bergama, Pergamon, 1989. V. 23., RI; prov. Denizli: Pamukkale, 2001. V. 16-17., RG; 3 km N of Buldan, 2001. V. 16., RG et RIB; prov. Muğla: Esen, 2001. V. 21., RG et RIB; prov. Manisa: Sartmustafa, Sardes, 2001. V. 15., RG et RIB - General distribution: Balkan-Anatolian subspecies. Occurrence: it is found in the European-Turkey and West-Anatolia. Occurrence: wide-spread and frequent. TN: *Papaver rhoeas*, *Onopordum*-, *Triticum*-, *Cistus*-, *Helianthus*-, *Quercus*-, *Cirsium*-, *Echinops*-spp.

Eulasia (Vittateulasia) vittata lineata (Faldermann, 1835) - prov. Içel: Anamur, 1984. V. 11., RI, RA et SZD; Mts. Taurus, Namrun, Çamlyayla, 1400 m, 1983. VI. 24-30., GK; prov. Siirt: Bank of Kahveci, 1989. V. 31., RI et RA; Çayhan, 1989. V. 31., RI et RA - General distribution: East-Mediterranean subspecies. Occurrence: frequent in South-Turkey. TN: *Papaver rhoeas*, *Onopordum*-, *Triticum*-, *Cistus*-, *Helianthus*-, *Quercus*-, *Cirsium*-, *Echinops*-spp.

***Glaphyrus* Latreille, 1807**

Glaphyrus festivus Ménériés, 1836 - prov. Erzincan: Tercan, 1500 m, 1996. VI. 28., RI et SZD - General distribution: Caucasian-Anatolian species. Occurrence: frequent. TN: *Onopordum*-spp.

Glaphyrus micans Faldermann, 1835 - prov. Siirt: Çayhan, 1989. V. 31., RI - General distribution: Caucasian species. Occurrence: sporadic and rare.

Glaphyrus varians Ménériés, 1836 - vil Siirt: Çayhan, 1989. V. 31., RI; prov. Çorum: Büyükinesu, 800 m, 1996. VI. 26., SZD; prov. Denizli: Pamukkale, 2001. V. 16-17., RG et RIB - General distribution: Caucasian-Anatolian species. Occurrence: sporadic and frequent.

***Pygopleurus* Motschulsky, 1859**

Pygopleurus anemoninus (Brullé, 1832) - prov. Manisa: Sartmustafa, Sardes, 2001. V. 16., RG; prov. Muğla: 10 km E of Muğla, Kötekli, 2001. V. 17., RG et RIB - General distribution: Caucasian-Anatolian species. Occurrence: sporadic, not frequent.

Pygopleurus diffusus (Petrovitz, 1957) - prov. Izmir: Bergama, Pergamon, 1984. V. 3., 2001. V. 14., RI et RA et RG; Selçuk, Ephesos, 1984. V. 4., RI et RA; prov. Siirt: Köprücek, 1989. V. 1., RI; prov. Antalya: Aksu, Perge, 1984. V. 8., RI et RA; Güney, 1984. V. 10., RI; prov. Muğla: 10 km E of Muğla, Kötekli, 2001. V. 17., RG et RIB; prov. Aydın: Ortaklar, 1984. V. 4., RI; prov. Içel: Sarikavak, 1989. V. 27., RI; prov. Ankara: Polatlı, 1987. V. 27., RI et RA; prov. Tekirdağ: 10 km N of Cerkezköy, 158 m, 2001. VI. 5., RG et RIB; prov. Isparta: 15 km N of Sütcüler, Siphiler, 2001. V. 21., RG et RIB; prov. Denizli: 5 km W of Tavan, Keceliler, 2001. V.

17., RG et RIB - General distribution: Balkan-Anatolian species. Occurrence: wide-spread and frequent.

Pygopleurus foina (Reitter, 1890) - prov. Izmir: Selçuk, Ephesos, 1984. V. 4., RI et RA; Bergama, Pergamon, 1984. V. 3., RI et RA; Bergama, Pergamon, 2001. V. 14., RG; prov. Aydın: Ortaklar, 1984. V. 4., RI et RA; prov. Niğde: Niğde, 1984. V. 16., RI; 30 km S of Niğde, 15 km N of Ulukisla, 2006. V. 8., RG et RIB; prov. Yozgat: Derbent, 1989. VI. 10., RI; prov. Antalya: Aksu. Perge, 1984. V. 8., RI; prov. Eskişehir: Seyitgazi, 1984. V. 29., RI; Yazılıkaya, Midas Şehri, 2001. V. 26., RG et RIB; prov. Afyon: 15 km NE of Afyon, Atlihisar, 2001. V. 24., RG; prov. Manisa: Sartmustafa, Sardes, 2001. V. 15., RG et RIB; 5 km SE of Manisa, 2001. V. 15., RG et RIB; prov. Denizli: 3 km N of Buldan, 2001. V. 16., RG; 5 km W of Tavan, Keçeliler, 2001. V. 17., RG et RIB; Pamukkale, 2001. V. 16-17., RG et RIB; prov. Kırklareli: 10 km SE of Kırklareli, Kizilcikdere, 205 m, 2006. V. 11., RG et RIB; 20 km SE of Kırklareli, 240 m, 2006. V. 11., RG et RIB; 20 km W of Vize, Erenzer, 261 m, 2006. V. 11., RG et RIB; prov. Muğla: 10 km E of Muğla, Köteklü, 2001. V. 17., RG et RIB; Kizilyaka, 2001. V. 17., RG et RIB; prov. Bursa: Mts. Ulu Dağ, Sogukpinar, 1200 m, 2001. V. 28., RG et RIB; prov. Çanakkale: Truva (Troja), 2001. V. 13., RG et RIB; Gelibolu Yarımadası, Bayirköy, 2001. V. 12., RG et RIB; 5 km S of Ayvacık, 2001. V. 14., RG et RIB - General distribution: Anatolian species. Occurrence: wide-spread and common. TN: *Papaver rhoeas*, *Sinapis*-, *Anthemis*-spp.

Pygopleurus hirsutus (Brullé, 1839) - prov. Bilecik: 10 km S of Bözüyük, Daridere, 2001. V. 26., RG et RIB; prov. Manisa: 13 km N of Muradiye, Avdal, 2001. V. 15., RG; prov. Muğla: Boncuk Dağı, Üzümlü, 2001. V. 19., RG et RIB - General distribution: Balkan-Anatolian species. Occurrence: wide-spread and frequent in West-Anatolia.

Pygopleurus humeralis (Brullé, 1832) - prov. Tekirdağ: 10 km N of Cerkezköy, 158 m, 2001. VI. 5., RG et RIB - General distribution: European-Anatolian species. Occurrence: frequent in the European-Turkey.

Pygopleurus koniae (Petrovitz, 1957) - prov. Gümüşhane: Siran, 1987. V. 20., RI et RA; prov. Sivas: Sandal, 1987. V. 24., RI - General distribution: Endemic species in Anatolia. 1 specimen known to Teheran (Iran). Occurrence: sporadic and rare.

Pygopleurus labaumei (Petrovitz, 1971) - prov. Izmir: Bergama, Pergamon, 1984. V. 3., TS; prov. Muğla: 10 km E of Muğla, Köteklü, 2001. V. 17., RG et RIB; prov. Manisa: Sartmustafa, Sardes, 2001. V. 15., RG et RIB; 5 km SE of Manisa, 2001. V. 15., RG et RIB; prov. Denizli: 3 km N of Buldan, 2001. V. 16., RG et RIB - General distribution: Endemic species from West-Anatolia. Occurrence: environment Izmir, rare.

Pygopleurus madenensis (Petrovitz, 1968) - prov. Içel: Mts. Taurus, Aladağ, 1984. V. 13., RI et RA; prov. Yozgat: Derbent, 1989. VI. 10., RI et RA; prov. Afyon: 15 km NE of Afyon, Atlihisar, 2001. V. 24., RG - General distribution: Anatolian-Caucasian species. Occurrence: sporadic and rare.

Pygopleurus medius (Petrovitz, 1957) - prov. Manisa: Sartmustafa, Sardes, 2001. V. 15., RG et RIB - General distribution: Endemic species in South- and West-Anatolia. Occurrence: rare.

Pygopleurus mithridates (Petrovitz, 1962) - prov. Afyon: 15 km NE of Afyon, Atlihisar, 2001. V. 24., RG; prov. Bilecik: 10 km S of Bözüyük, Daridere, 2001. V. 26., RG et RIB; prov. Bursa: Mts. Ulu Dağ, 1200 m, Sogukpinar, 2001. V. 28., RG; prov. Denizli: 5 km W of Tavas, Keçeliler, 2001. V. 17., RG et RIB - General distribution: Endemic species in West-Anatolia. Occurrence: not frequent.

Pygopleurus psilotrichius (Faldermann, 1835) - vil Gümüşhane: Siran, 1987. V. 20., RI et RA; prov. Kars: Mts. Ararat, 1989. VI. 4., RI et RA; prov. Siirt: Köprücek, 1989. V. 1., RA et RL; - General distribution: Anatolian-Caucasian species. Occurrence: sporadic and not frequent.

Pygopleurus rufovillosus (Reitter, 1907) - vil. Gümüşhane: Siran, 1987. V. 20., RI et RA; prov. Giresun: Mts. Giresun, Şebinkarahisar, 1987. V. 19., RI; prov. Sivas: Sandal, 1987. V. 24., RI - General distribution: Caucasian-Anatolian species. Occurrence: it is frequent in East- and North-Anatolia. TN: *Quercus*-spp.

Pygopleurus simplex (Petrovitz, 1963) - prov. Tekirdağ: 10 km N of Çerkezköy, 158 m, 2006. V. 11., RG et RIB; prov. Bursa: Mts. Ulu Dağ, Sogukpinar, 2008. V. 28., RG et RIB; prov. Eskişehir: Yazılıkaya Yaylası, 5 km S of Gökbahçe, 2001. V. 25., RG et RIB - General distribution: Balkan-Anatolian species. Occurrence: sporadic and rare.

Pygopleurus vulpes (Fabricius, 1781) - prov. Edirne: Hamidiye, 1984. V. 1., RI; 20 km SE of Edirne, 109 m, 2006. IV. 16., RG et RIB; prov. Tekirdağ: 10 km N of Çerkezköy, 158 m, 2006. V. 11., RG et RIB; prov. Eskişehir: Yazılıkaya Yaylası, 5 km S of Gökbahçe, 25. V. 2001., RI et RA - General distribution: European-Anatolian species. Occurrence: sporadic and rare. TN: *Papaver rhoeas*, *Singris*-, *Genista*-, *Hyacinthus*-, *Vicia*-, *Euphorbia*-spp.

Melolonthidae**Anoxia** Castelnau, 1832

Anoxia (s.str.) asiatica Desbrochers, 1871 - prov. Ankara: Çamlidere, 1200 m, light trap, 1996. VI. 24-25., RI et PA - General-distribution: Caucasian-Anatolian species. Occurrence: sporadic and frequent. It flies at light.

Anoxia (s.str.) villosa villosa Fabricius, 1781 - prov. Tokat: Çamlibel pass, 1700 m, 1996. VI. 27., at light, SZD - General distribution: Mediterranean species. Occurrence sporadic and not frequent.

Anoxia (Protanoxia) orientalis (Krynicky, 1832) - prov. Adiyaman: bank of Pamukçay-river, 1989. V. 31., RI et RA; prov. Erzincan: 5 km E of Erzincan, 1996. VI. 27., RI - General distribution: Mediterranean species. Occurrence wide-spread and frequent.

Melolontha Fabricius, 1775

Melolontha albida Frivaldszky, 1835 - prov. Çanakkale: Ezine, 1982. V. 2., RI; prov. Manisa: Marmara Gölü, 1990. IV. 21., PA; prov. Izmir: Bergama, Asklepiyon, 1984. V. 3., SZD; Efas, 1984. V. 4., SZD; prov. İçel: Mts. Taurus, Çamlyayla, 1984. V. 15., SZD - General distribution: Balkan-Anatolian species. Occurrence: wide-spread, but not frequent.

Melolontha melolontha (Linnaeus, 1758) - prov. Artvin: Çankurtaran-pass, 800 m, 1996. VII. 1-2., RI - General distribution: European-Caucasian species. Occurrence: wide-spread and frequent.

Polyphylla Harris, 1842

Polyphylla olivieri Castelnau, 1840 - prov. Adiyaman: bank of Pamukçay-river, 1989. V. 31., RI; prov. Antalya: Antalya, 2001. V. 22., RG et RIB; prov. Ankara: Tuz Gölü, 20 km NW of Sereflikochisar, 1994. VII. 1., AL - General distribution: Caucasian-Anatolian species. Occurrence: wide-spread on the eastern- and northeastern regions of Turkey. Not frequent.

Amphimallon Le Peletier et Serville, 1825

Amphimallon caucasicum (Gyllenhal, 1817) - prov. Antalya: 10 km N of Manavgat, Bucakseyhier, 2001. V. 22., RG et RIB - General distribution: Balkan-Anatolian species. Occurrence: wide-spread and frequent.

Amphimallon keithi Montreuil, 2002 - prov. Sivas: Gürün, 1500 m, 1991. VI. 18-19., SC - General distribution: Balkan-Anatolian species. Occurrence: wide-spread, but rare.

Amphimallon solstitialis orientalis Brenske, 1902 - prov. Giresun: Eğribel pass, 2200 m, 1996. VII. 6., SZD - General distribution: European species. This subspecies lives in Asia Minor, mainly on the northern mountains.

Amphimallon tarsensis Kraatz, 1882 - prov. İçel: Mersin, 1984. V. 12., SZD - General distribution: East-Mediterranean species. Occurrence: This species known mainly from Taurus Mts., not frequent.

Haplidia Hope, 1837

Haplidia transversa transversa (Fabricius, 1801) - prov. Muğla: 5 km NW of Kargi, Katranci, 2001. V. 18-20., RG et RIB - General distribution: Central- and South-European-Anatolian species. Occurrence: wide-spread and frequent in the western region of Turkey.

Haplidia turcica Kraatz, 1882 - prov. Eskişehir: Büyük Yayla, 1989. VI. 12., RI et RA - General distribution: Endemic species of Turkey. Occurrence: rare.

Haplidia tarsensis Kraatz, 1882 - prov. İçel: Mersin, 1984. V. 12., RI; Narlikuyu, 1984. V. 12., RI - General distribution: Endemic species of Turkey. Occurrence: It lives in South-Anatolia, rare.

Haplidia vagepunctata Kraatz, 1882 - prov. Adana: Hieropolis, 1989. V. 27., RI et RA - General distribution: Endemic species of Turkey. Occurrence: wide-spread and frequent on southern region of Anatolia.

Holochelus Reitter, 1889

Holochelus costulatus Frivaldszky, 1835 - prov. Eskişehir: Yazilikaya, Midas Şehri, 2001. V. 26., RG - General distribution: Balkan-Anatolian species. Occurrence: sporadic, not frequent.

Holochelus fallax Marseul, 1879 - prov. Sivas: Gügün, 1500 m, 1990. V. 28-29., SC - General distribution: Anatolian-Syrian species. Occurrence: rare.

Odontochelus Semenov

Odontochelus lineolatus Reitter, 1902 - prov. Afyon: 30 km N of Afyon, Arslantaş, 2001. V. 25., RG et RIB - General distribution: Endemic species of Anatolia. Occurrence: sporadic and rare.

Miltotrogus Reitter, 1902

Miltotrogus aequinoctialis (Herbst, 1790) - prov. Eskişehir: Sükrani Köyü, 1987. V. 29., RI; prov. Sivas: Sandal, 1987. V. 24., RI et RA; Ortaköze, 1987. V. 23., RI; prov. Çorum: Bogazkale, 1987. V. 14-16., RI - General distribution: Pontic species. Occurrence: wide-spread and frequent.

Miltotrogus escherichi (Brenske, 1897) - prov. Ankara: Pazar, 1984. V. 19., SZD - General distribution: Asianic species. Occurrence: wide-spread, but not frequent.

Miltotrogus fallax (Marseul, 1879) - prov. Nevşehir: Kappadokia, Göreme, 1984. V. 16-17., RI, RA et SZD - General distribution: European-Turanian species. Occurrence: wide-spread and frequent.

Pseudotrematodes Jacquelin du Val, 1860

Pseudotrematodes frivaldszkyi (Ménétriés, 1836) - prov. Çorum: Balgöze, 1987. V. 16., RI et RA; Sekerhacılı, 1987. V. 15., RI; prov. Denizli: Pamukkale, Hierapolis, 1984. V. 5., RI et SZD; prov. Izmir: Bergama, Pergamon, 1984. V. 3., RI et SZD, 1989. V. 23., RI et RA; Selçuk, Ephesos, 1984. V. 4., RI; prov. Çanakkale: Ezine, 1984. V. 2., RI et SZD; Gelibolu Yarımadası, Bayirköy, 2001. V. 12., RG et RIB; prov. Aydın: Umurlu, 1984. V. 4., RI, RA et SZD; prov. Sivas: Sandal, 1987. V. 29., RI et RA; prov. Ankara: Izzettin, 30 km E of Kirikkale, 1987. V. 13., RI; prov. Manisa: Sartmustafa, 1989. V. 24., RI; prov. Erzurum: Askale, 1990. IV. 13., OA; prov. Konya: 55 km SE of Konya, 1990. IV. 17., OA; prov. Edirne: Çukurköy, 2001. V. 12., RG et RIB; prov. Niğde: Aksaray, 1990. IV. 17., SZD - General distribution: Balkan-Anatolian species. Occurrence: wide-spread and common.

Rhizotrogus Berthold, 1827

Rhizotrogus aestivus (Olivier, 1789) - prov. Ankara: Pazar, 1987. V. 12., RI; prov. Erzincan: Basköy, 1989. VI. 7., RI - General distribution: European-Anatolian species. Occurrence: wide-spread and frequent.

Tanyproctus Faldermann, 1835

Tanyproctus (s.str.) rufidens (Marseul, 1879) - prov. Erzurum: Askale, 1990. V. 13., OA - General distribution: Caucasian species. Occurrence: rare.

Homalopia Stephens, 1830

Homalopia (s.str.) alternata alternata Küster, 1849 - prov. Sivas: 10 km W of Kavak, 1996. VI. 26., RI; Seyfebeli, 1996. VI. 27., RI - General distribution: European-Siberian species. Occurrence: wide-spread and frequent.

Homalopia (s.str.) baraudi Galante, 1985 - prov. Ordu: Harcbeli pass, 1900 m, 1996. VII. 6., RI et SZD; prov. Giresun: Tamdere, 1600 m, 1996. VII. 7., RI - General distribution: Endemic species of Asia Minor. Occurrence: sporadic and not frequent.

Homalopia (s.str.) cerrutii Sabatinelli, 1977 - prov. Kırklareli: Kuzulu Köyü, 500 m, 1996. VI. 24., SZD - General distribution: Balkan species. Occurrence: it found in the European-Turkey, but not frequent.

Homalopia (s.str.) ruricola (Fabricius, 1775) - prov. Içel: Mts. Taurus, Ayaş, 1984. V. 12., SZD - General distribution: European species. This is a new record for Asia Minor.

Homalopia (Acarina) labrata Burmeister, 1855 - prov. Manisa: 5 km SE of Manisa, 2001. V. 15., RG et RIB - General distribution: East-Mediterranean species. Occurrence: rare.

Homalopia (Acarina) spiraeae (Pallas, 1776) - prov. Sivas: Üyük, 1300 m, 1996. VI. 26., SZD; 10 km W of Kavak, 1996. VI. 26., RI; prov. Tokat: Çamlıbel pass, 1730 m, 1996. VI. 26., SZD; prov. Kırklareli: Kuzulu Köyü, 1996. VI. 24., RI; prov. Izmir: Boz Dağları, 12 km N of Ödemis, 2001. V. 15., RG et RIB; prov. Isparta: Boyalı, coast of Egirdir Gölü, 2001. V. 24., RG et RIB; prov. Manisa: Sartmustafa, Sardes, 2001. V. 15., RG et RIB - General distribution: European-Siberian species. *Homalopia spiraeae* adulta Reitter, 1887 subspecies is found in Caucasus and Anatolia according to Baraud (1992).

Maladera Mulsant et Rey, 1871

Maladera (Aserica) punctatissima (Faldermann, 1835) - prov. Içel: Mts. Taurus, Çamlıayla, 1600 m, 1989. V. 27., RI; prov. Isparta: 15 km N of Sütçüler, Siphahiler, 2001. V. 23., RG et RIB; prov. Muğla: Karaböğürtlen, 2001. V. 17., RG et RIB; prov. Adana: 60 km E of Adana, 2006. IV. 17., RG et RIB - General distribution: Anatolian-Caucasian species. Occurrence: sporadic and rare.

Maladera (MacrosERICA) armeniaca Reitter, 1896 - prov. Sivas: Güğün, 1500 m, 1990. V. 28-29., SC - General distribution: Asianic species. Occurrence: rare.

Maladera (Macroserica) besucheti Baraud, 1990 - prov. Isparta: 15 km N of Sütçüler, Sipahiler, 2001. V. 23., RG et RIB - General distribution: Asianic species. Occurrence: rare.

Hoplia Illeger, 1803

Hoplia caucasica Kolenati, 1846 - prov. Giresun: Tamdere, 1600 m, 1996. VII. 7., SZD - General distribution: Caucasian species. This is a new record for Turkey.

Hoplia cylindrica Reitter, 1903 - prov. Tokat: Çamlıbel pass, 1300 m, 1996. VI. 27., SZD - General distribution: Caucasian-Turanian species. This is a new record for Turkey.

Hoplia kunzii Schmidt, 1840 - prov. Giresun: Tamdere, 1600 m, 1996. VII. 7., RI - General distribution: Pontomediterranean species. Occurrence: wide-spread and rare.

Hoplia pollinosa Krynicki, 1832 - prov. Rize: Çamçavus, 900 m, 1996. VII. 3., RI et SZD; prov. Ardahan: Yalnızcam pass, 2500 m, 1996. VI. 30., RI et SZD; prov. Giresun: Tamdere, 1600 m, 1996. VII. 7., RI et SZD; prov. Ordu: Harbeli pass, 1900 m, 1996. VII. 6., RI et SZD; prov. Artvin: Çam pass, 1600 m, 1996. VI. 30., SZD - General distribution: Caucasian species. This is a new record for Turkey.

Rutelidae

Anisoplia Fischer, 1824

Anisoplia (Autanisoplia) austriaca austriaca (Herbst, 1783) - prov. Tekirdağ: Naibköy, 2001. VI. 5., RG et RIB - General distribution: European species. It is found in European Turkey. Occurrence: not rare.

Anisoplia (Autanisoplia) austriaca miksici (Baraud, 1991) - prov. Kars: Mts. Karasu-Aras, bank of Aras, 1989. VI. 5., RI et RA; prov. Erzincan: Tercan, 1500 m, 1996. VI. 28., RI et SZD; prov. Çorum: Sungurlu, 1996. VI. 25., RI; prov. Çankiri: Susuz, 1200 m, 1996. VII. 9., RI et SZD; prov. Tekirdağ: Naibköy, 2001. VI. 5., RG et RIB; prov. Muğla: Boncuk Dağı, Üzümlü, 2001. V. 19., RG et RIB; prov. Ankara: Delice, 800 m, 1996. VI. 27., SZD - General distribution: Balkan-Anatolian subspecies. Occurrence: wide-spread and frequent.

Anisoplia (s.str.) agricola (Poda, 1761) - prov. Tekirdağ: Naibköy, 2001. VI. 5., RG et RIB - General distribution: European-Siberian species. Occurrence: wide-spread and frequent.

Anisoplia (s.str.) aprica Erichson, 1847 - prov. Balıkesir: Kapıdağı Yarımadası, Çakilköy, 2001. VI. 1., RG et RIB - General distribution: West-Anatolian species. Occurrence: not frequent.

Anisoplia (s.str.) farraria Erichson, 1847 - prov. Erzincan: Tercan, 1500 m, 1996. VI. 26., SZD - General distribution: Caucasian species. Occurrence: It is found on the eastern region of Turkey. Not frequent.

Anisoplia (s.str.) lodosi Baraud, 1990 - prov. Denizli: Pamukkale, 2001. V. 16-17., RG et RIB - General distribution: Anatolian endemic species. Occurrence: it is most frequent in West-Anatolia, not rare.

Anisoplia (s.str.) dispar Erichson, 1847 - prov. Sivas: Seyfebeli, 1450 m, 1996. VI. 27., RI; prov. Rize: Çamçavus, 900 m, 1996. VII. 3., RI; prov. Giresun: Tamdere, 1600 m, 1996. VII. 7., RI; prov. Kars: Mts. Karasu-Aras, bank of Aras, 1989. VI. 5., RI - General distribution: Balkan-Anatolian species. Occurrence: This species the mountainous districts wide-spread and frequent.

Anisoplia (s.str.) signata Faldermann, 1835 - prov. Rize: Çamçavus, 900 m, 1996. VII. 3., SZD; prov. Artvin: Çam pass, 1600 m, 1996. VI. 30., SZD; Yalnızcam pass, 2000 m, 1996. VII. 1., SZD; prov. Tokat: Çamlıbel pass, 1700 m, 1996. VI. 27., SZD; prov. Erzurum: Aksu, 1650 m, 1996. VI. 28., SZD; prov. Giresun: Tamdere, 1600 m, 1996. VII. 7., SZD - General distribution: Caucasian species. Occurrence: wide-spread and frequent.

Anisoplia (s.str.) tenebralis Burmeister, 1844 - prov. İzmir: Mts. Boz Dağları, 10 km N of Ödemis, 2001. V. 15., RG et RIB - General-distribution: Balkan-Anatolian species. Occurrence: sporadic and rare.

Brancoptia Baraud, 1986

Brancoptia leucaspis (Castelnau, 1840) - prov. Siirt: Çayan, 1989. V. 31., RI et RA - General distribution: Anatolian-Caucasian species. Occurrence: sporadic and not frequent.

Chaetopteropia Medvedev, 1949

Chaetopteropia muelleri (Pilleri, 1954) - prov. Içel: Mts. Taurus, Namrun, Çamlyayla, 1400 m, 1983. VI. 24-30., GK - General distribution: East-Mediterranean species. Occurrence: sporadic, rare.

Chaetopteropia segetum velutina Erichson, 1848 - prov. Eskişehir: Kirka, 1989. VI. 13., RI et RA; Seyitgazi, 1989. VI. 12., RI; prov. Balıkesir: Ulukir, 1989. VI. 15., RI; Kapıdağı Yarımadası, Cayağzi, 2001. VI. 1., RG et RIB; prov. Bursa: Ulu Dağ, 1989. VI. 14., RI; prov. Kars: Aras-valley, 1989. VI. 5., RI; Mts. Karasu-Aras, bank of Aras, 1989. VI. 5., RI; Kagizman, 1989. VI. 5., RI; prov. Sivas: 31 km E of Hafik, bank

of Kizilirmak, 1989. VI. 8., RI; prov. Ağrı: Meydandağı, 1989. VI. 3., RI; prov. Konya: Çarıklar, 1989. V. 25., RI; prov. İzmir: Selçuk, Ephesos, 1984. V. 4., RI; Mts. Boz Dağları, 12 km N of Ödemiş, 2001. V. 15., RG et RIB; prov. Antalya: Aksu, Perge, 1984. V. 8., RI et SZD; 10 km N of Manavgat, Bucakseyhler, 2001. V. 22., RG et RIB; prov. İçel: Anamur, 1984. V. 11., RI; prov. Çorlu: 1987. VI. 3., RI; prov. Erzurum: 11 km S of Uzundere, 1400 m, 1996. VI. 29., RI; prov. Muğla: 5 km NW of Kargı, Katrancı, 2001. V. 18-20., RG et RIB; Boncuk Dağı, Üzümlü, 2001. V. 19., RG et RIB; prov. Manisa: Sartmustafa, Sardes, 2001. V. 15., RG; prov. Tekirdağ: Naibköy, 2001. VI. 5., RG et RIB; prov. Denizli: 3 km N of Buldan, 2001. V. 16., RG et RIB; prov. Edirne: 4 km N of Kesan, 2001. V. 13., RG et RIB; prov. Çanakkale: Truva (Troja), 2001. V. 13., RG et RIB; prov. Ordu: Güzle, 1000 m, 1996. VII. 6., SZD - General distribution: Pontic subspecies. Occurrence: very wide-spread and common.

***Blitopertha* Reitter, 1903**

Blitopertha lineolata (Fischer, 1823) (= *flavipennis* Reitter, 1903) - prov. Tekirdağ: Muratlı, 1984. V. 23., RI; prov. Denizli: Pamukkale, Hierapolis, 1984. V. 5., RI et SZD; Çardak, 1984. V. 6., RI, RA et SZD; 3 km N of Buldan, 2001. V. 16., RG et RIB; prov. Nevşehir: Kappadokia, Göreme, 1984. V. 16-17., RI; prov. İzmir: Bergama, Pergamon, 1984. V. 3., RI, RA et SZD, 2001. V. 14., RG et RIB; Selçuk, Ephesos, 1984. V. 4., RI, RA et SZD; Mts. Boz Dağları, 12 km N of Ödemiş, 2001. V. 15., RG et RIB; prov. Antalya: Güney, 1984. V. 10., RI, RA et SZD; Aksu, Perge, 1984. V. 8., RI et SZD; Kalediran, 1984. V. 10., RI et RA; Payallar, 1984. V. 9., RI et RA; Kizilot, 1984. V. 9., SZD; prov. İçel: Anamur, 1984. V. 11., RI; prov. Aydın: Isabeyli, 1984. V. 4., RI; Ortaklar, 1984. V. 4., SZD; prov. Balıkesir: Mt. Kapi Dağ, 400 m, Ocaklar, 2001. V. 30., RG et RIB; Kapi Dağ, Ballipinar, 2001. V. 31., RG; Dari Kum, 2001. V. 30., RG et RIB; prov. Edirne: 4 km N of Keşan, 2001. V. 12., RG et RIB; prov. Kırklareli: 10 km SE of Kırklareli, 205 m, Kizilcikdere, 2006. V. 11., RG; prov. Afyon: Gazligöl, 1987. V. 30., RI et RA; Kunduzlu, 1987. V. 30., RI et RA; 30 km N of Afyon, Arslantaş, 2001. V. 25., RG et RIB; prov. Çorlu: Çorlu, 1987. VI. 3., RI; prov. Eskişehir: Oğlackı, 1987. V. 28., RI; Yazılıkaya, Midas Şehri, 2001. V. 26., RG et RIB; Seyitgazi, 2001. V. 26., RG et RIB; prov. Manisa: Sartmustafa, Sardes, 2001. V. 15., RG et RIB; prov. Bursa: Mts. Ulu Dağ, 1500 m, Bursa, 2001. V. 28., RG et RIB; prov. Isparta: coast of Eğirdir-gölü, Boyalı, 2001. V. 24., RG et RIB; prov. Artvin: Çam pass, 1600 m, 1996. VI. 30., SZD - General distribution: Balkan-Anatolian species. Occurrence: This species is found the western region of Turkey. Wide-spread and common.

Blitopertha majuscula Medvedev, 1949 (= *abdita* Petrovitz, 1959, *nigripennis* Reitter, 1888) - prov. Kars: Mts. Ararat, 1989. VI. 4., RI; Kagızman, 1989. VI. 5., RI; Aras, Delibaba, 2000. VI. 12., RG; prov. Sakarya: Düzce, 1984. V. 20., RI; prov. Mts. Taurus, Kerimler, 1984. V. 13., RI et RA; Korykos, 1984. V. 12., RI et RA; Mts. Taurus, 1600 m, Çamlıyayla, 1984. V. 15., SZD, 1989. V. 27., RI et RA; Ayaş, 1984. V. 12., SZD; Aladağ, 1984. V. 13., SZD; Yavca, 1984. V. 13., SZD; prov. Edirne: Paşayığıt, 1989. V. 21., RI; Kuru Dağ, 1989. V. 22., RI; prov. Eskişehir: Kirka, 1989. VI. 13., RI; Midas Şehri, 1989. VI. 12., RI; prov. Yozgat: Derbent, 1989. VI. 10., RI; prov. Ağrı: Meydandağı, 1989. VI. 3., RI et RA; prov. Adana: Kabasakal, 1990. IV. 3., SZD; prov. Adıyaman: Fırat N., Karababa Köprü, 1990. IV. 28., SZD - General distribution: East-Mediterranean species. Occurrence: wide-spread and common.

***Exomala* Reitter, 1903**

Exomala (Trichopertha) hirtella (Brullé, 1832) - prov. Eskişehir: Yazılıkaya, Midas Şehri, 2001. V. 26., RG et RIB; prov. Afyon: 30 km N of Afyon, Arslantaş, 2001. V. 25., RG et RIB - General distribution: Balkan-Anatolian species. Occurrence: wide-spread and frequent.

***Pharaonus* Blanchard, 1851**

Pharaonus varicoloreus Burmeister, 1844 - prov. Siirt: Bank of Kahveci, 1989. V. 31., RI; Çayan, 1989. V. 31., RI - General distribution: Levant-Mesopotamian species. Occurrence: it is the parasite of cotton in south-eastern Anatolia, not frequent.

Dynastidae

***Pentodon* Hope, 1837**

Pentodon algerinum dispar Baudi, 1870 - prov. Antalya: Antalya, 1984. V. 7., RI et SZD; 10 km N of Manavgat, Bucakseyhler, 2001. V. 22., RG; prov. Muğla: 5 km NW of Kargı, Katrancı, 2001. V. 18-20., RG et RIB - General distribution: East-Mediterranean subspecies. Occurrence: sporadic and frequent.

Pentodon bidens sulcifrons Küster, 1848 - prov. Izmir: Selçuk, Ephesos, 1984. V. 4., RI; prov. Çorum: Balgöze, 1987. V. 16., RI; prov. Konya: Argithani, 1989. V. 24., RI; prov. Antalya: 10 km N of Manavgat, Bucakseyhler, RG; prov. Erzurum: Tortum, 1996. VI. 28., RI; Erzurum, 1990. IV. 13., SZD; prov. Ankara: Tuz Gölü, 20 km NW of Sereflikocisar, 1994. VII. 1., ÂL; Tuz Gölü, 8 km N of Sereflikochisar, 110 m, 1990. IV. 15-25., HB et ROG; prov. Balıkesir: Kapıdağı Yarımadası, Kyzikos, 2001. V. 29., RG et RIB; prov. Çanakkale: Ezine, 1984. V. 2., SZD; prov. Urfa: Halfeti, valley of Euphrat, 500 m, 1990. IV. 15-18., HB et ROG - General distribution: East-Mediterranean subspecies. Occurrence: wide-spread and frequent.

Pentodon caminarius (Faldermann, 1835) - prov. Çorum: Balgöze, 1987. V. 16., RI; prov. Konya: Argithani, 1989. V. 24., RI; prov. Kırşehir: Hamit, 1984. V. 18., RI - General distribution: Caucasian-Anatolian subspecies. Occurrence: sporadic and rare.

Pentodon idiota (Herbst, 1789) - prov. Ankara: Izzettin, 30 km E of Kirikkale, 1987. V. 13., RI; prov. Adiyaman: bank of Pamukçay, 1989. V. 31., RI; prov. Kırklareli: Erenzer, 261 m, 2006. V. 11., RG et RIB; prov. Denizli: Pamukkale, Hierapolis, 1984. V. 5., SZD, Pamukkale, 2001. V. 16-17., RG et RIB; prov. İstanbul: İstanbul, 1984. V. 21., SZD - General distribution: Pontomediterranean species. Occurrence: wide-spread and frequent.

Pentodon quadridens distantidens Reitter, 1899 - prov. İçel: Mersin, 1984. V. 12., RI; Tarsus, 1984. V. 13., SZD - General distribution: East-Mediterranean subspecies. Occurrence: Sporadic and rare.

Cetoniidae

Valgus Scriba, 1790

Valgus hemipterus (Linnaeus, 1758) - prov. Tekirdağ: Muratlı, 1984. V. 23., RI; Saray, 172 m, 2006. V. 11., RG et RIB; prov. Nevşehir: Kappadokia, Göreme, 1984. V. 16-17., RI; prov. Burdur: Dinar, 1984. V. 6., RI; prov. Ordu: Çamas, 1987. V. 17., RI; prov. Bilecik: Mezit, 1987. V. 31., RI et RA; prov. Edirne: Kuru Dağ, 1989. V. 22., RI; prov. Çanakkale: Mt. Kuru Dağ, Kocaçeşme, 2001. V. 12., RG et RIB; prov. Manisa: 5 km SE of Manisa, 2001. V. 15., RG et RIB; prov. Kırklareli: 20 km SE of Kırklareli, Kizilcikdere, 205 m, 2006. V. 11., RG et RIB; prov. Isparta: 15 km of Sütcüler, Sipahiler, 2001. V. 23., RG et RIB; prov. İzmir: Nusratlı, 1984. V. 2., SZD - General distribution: West-Palaearctic species. Occurrence: wide-spread and common.

Valgus peyroni Mulsant, 1852 - prov. Adana: Hierapolis, 1989. V. 27., RI; prov. Kütahya: Tavşanlı, 1989. VI. 13., RI - General distribution: Anatolian species. Occurrence: sporadic and rare.

Trichius Fabricius, 1775

Trichius abdominalis Ménétris, 1832 - prov. Rize: Çamcavus, 900 m, 1996. VII. 3., SZD - General distribution: Caucasian species. Occurrence: very rare.

Trichius fasciatus (Linnaeus, 1758) - prov. Ardahan: Yalniczcam, 2500 m, 1996. VI. 30., RI et SZD - General distribution: European-Siberian species. Occurrence: it is on the mountainous districts of East-Turkey sporadic and rare.

Aethiessa Burmeister, 1842

Aethiessa rugipennis Burmeister, 1842 - prov. Adiyaman: Asagi Coplu Köyü, 1989. V. 29., RI et RA; Cendere Köprüsü, 1989. V. 29., RI - General distribution: Caucasian species. Occurrence: it is the mountainous districts of East-Turkey sporadic, not frequent. Many authors consider the subspecies of *Aethiessa mesopotamica* Burmeister, 1842.

Cetonia Fabricius, 1775

Cetonia aurata aurata (Linnaeus, 1761) - prov. Ağrı: Meydandağı, 1989. VI. 3., RI et RA; Batmis, 1989. VI. 5., RI; prov. Gümüşhane: Siran, 1987. V. 20., RI; prov. Bilecik: Mezit, 1987. V. 31., RI; prov. Ordu: Medreseönü, 1987. V. 18., RI; Mesudiye, 1400 m, 1996. VII. 6., RI et SZD; prov. Kars: Mts. Ararat, 1800 m, 1989. VI. 4., RI et RA; prov. Eskişehir: Midas Şehri, 1989. VI. 12., RI; Kirka, 1989. VI. 13., RI; prov. Edirne: Kuru Dağ, 1989. V. 22., RI; prov. İçel: Mts. Taurus, 1600 m, Çamlyayla, 1989. V. 27., RI; prov. Erzurum: Refahiye, 1989. VI. 8., RI; 46 km W of Tercan, 1200 m, 1996. VI. 28., RI et SZD; prov. Balıkesir: Ulukir, 1989. VI. 15., RI; prov. Artvin: Cam-pass, 1600 m, 1996. VI. 30., RI; Savsat, 1000 m, 1996. VI. 29., SZD; prov. Kırklareli: 20 km SE of Kırklareli, 600 m, 2006. V. 11., RG et RIB; prov. Tekirdağ: Saray, 172 m, 2006. V. 11., RG et RIB; prov. Ankara: Çamlidere pass, 1300 m, 1996. VI. 25., SZD; prov. Erzurum: Aksu, 1650 m, 1996. VI. 28., SZD; 11 km S of Uzundere, 1400 m, 1996. VI. 29., SZD; prov. Giresun: Tamdere, 1600 m, 1996. VII. 7., SZD - General distribution: Palaearctic species. Occurrence: very wide-spread and common.

Cetonia aurata pallida (Drury, 1770) - prov. Balıkesir: Mt. Kapi Dağ, 400 m, Ocaklar, 2001. V. 30., RG; Mt. Kapi Dağ, 400 m, Erdek, 2001. V. 29-VI. 2., RG et RIB; prov. Ankara: Camlıdere, 1200 m, 1996. VI. 24-26., RI; prov. Tekirdağ: Saray, 172 m, 2006. V. 11., RG - General distribution: Pontomediterranean subspecies. Occurrence: wide-spread and common.

Cetonia delagrangei Boucard, 1893 - prov. Içel: Mts. Taurus, Namrun, Çamlıyayla, 1400 m, 1983. VI. 24-30., GK - General distribution: East-Mediterranean species. Occurrence: sporadic and rare.

***Cetonischema* Reitter, 1898**

Cetonischema speciosa venusta (Ménétriés, 1836) - prov. Balıkesir: Mt. Kapi Dağ, 400 m, Erdek, 2001. V. 29 - VI. 2., RG et RIB - General distribution: Anatolian subspecies. Occurrence: wide-spread and frequent.

***Eupotosia* Miksic, 1954**

Eupotosia affinis (Andersch, 1797) - prov. Balıkesir: Ulukir, 1989. VI. 15., RI - General distribution: European-Anatolian species. Occurrence: sporadic and rare.

***Netocia* Costa, 1852**

Netocia (s.str.) afflicta (Gory et Percheron, 1833) - prov. Içel: Narlikuyu, 1984. V. 12., RI et SZD; Anamur, 1984. V. 11., RI, RA et SZD; prov. Adiyaman: Mts. Nemrut, 1600 m, 1989. V. 29., RI; prov. Siirt: Çayan, 1989. V. 31., RI - General distribution: East-Mediterranean species. Occurrence: wide-spread and frequent.

Netocia (s.str.) hungarica hungarica (Herbst, 1790) - prov. Çorlu: Çorlu, 1987. VII. 3., RI; prov. Eskişehir: Oğlaci, 1987. V. 28., RI; Yazılıkaya, Midas Şehri, 2001. V. 26., RG et RIB; prov. Bursa: 25 km E of Karacabey, Bozamlat, 2001. V. 28., RG et RIB; prov. Afyon: Çalısar, 2001. V. 25., RG et RIB; Sohut, 2001. V. 25., RG et RIB - General distribution: European-Anatolian species. Occurrence: wide-spread and frequent.

Netocia (s.str.) hungarica anatolica Medvedev, 1947 - prov. Edirne: Paşayığıt, 1989. V. 21., RI; prov. Balıkesir: Ulukir, 1989. VI. 19., RI; prov. Yozgat: Yozgat, 1989. VI. 10., RI - General distribution: Anatolian subspecies. Occurrence: wide-spread and frequent.

Netocia (s.str.) hungarica armeniaca (Ménétriés, 1832) - prov. Kars: Mts. Ararat, 1800 m, 1989. VI. 4., RI et RA; prov. Ankara: Cigir, 1984. V. 19., RI, RA et SZD; prov. Ağrı: Batmis, 1989. VI. 3., RI et RA; Meydandağı, 1989. VI. 3., RI et RA; prov. Çorum: Büyükcinesu, 1996. VI. 26., RI et SZD; prov. Yozgat: Saraykent, 1996. VI. 26., RI et SZD; prov. Erzurum: 11 km S of Uzundere, 1400 m, 1996. VI. 29., RI; 6 km W of Askale, 1900 m, 1996. VI. 18., RI et SZD; Tercan, 1500 m, 1996. VI. 28., SZD; prov. Çankiri: Susuz, 1200 m, 1996. VII. 9., RI et SZD; prov. Artvin: Savsat, 1000 m, 1996. VI. 29., SZD - General distribution: Caucasian-Anatolian subspecies. Occurrence: wide-spread and common.

Netocia (s.str.) hungarica ignisternum Reitter, 1891 - prov. Ağrı: Mts. Karasu-Aras Dağları, Tahir, 2000. VII. 5., RG - General distribution: Caucasian subspecies. Occurrence: it is in eastern Turkey sporadic and rare.

Netocia (s.str.) subspilosa (Desbrochers, 1869) - prov. Kars: Karakurt, 1989. VI. 5., RI et RA; prov. Adana: Hieropolis, 1989. V. 27., RI; prov. İzmir: Bergama, Asklepiyon, 1984. V. 5., SZD - General distribution: East-Mediterranean species. Occurrence: wide-spread and frequent.

Netocia (s.str.) trojana godeti (Gory et Percheron, 1833) - prov. Kars: Mts. Ararat, 1989. VI. 4., RI; vil Ağrı: Mts. Karasu-Aras Dağları, Tahir, 2000. VII. 5., RG; prov. Denizli: Pamukkale, Hierapolis, 1984. V. 5., SZD - General distribution: Caucasian subspecies. Occurrence: This is found mainly in eastern Turkey, rare.

Netocia (s.str.) trojana trojana (Gory et Percheron, 1833) - prov. Adiyaman: Narince, 1990. IV. 7., SZD - General distribution: Balkan-Asiatic subspecies. Occurrence: sporadic and not frequent.

Netocia (s.str.) vidua (Gory et Percheron, 1833) - prov. İzmir: Bergama, Pergamon, 1984. V. 3., RI, RA et SZD; prov. Ağrı: Batmis, 1989. VI. 3., RI; prov. Eskişehir: Yazılıkaya, Midas Şehri, 2001. V. 26., RG et RIB; prov. Çanakkale: Mt. Kuru Dağ, Kocaçeşme, 2001. V. 12., RG et RIB; prov. Kütahya: Yoncalı, 2001. V. 27., RG et RIB; prov. Kırklareli: 20 km SE of Kırklareli, 600 m, 2006. V. 11., RG et RIB; Kuzulu Köyü, 500 m, 1996. VI. 24., SZD; prov. Denizli: Pamukkale, Hierapolis, 1984. V. 5., SZD - General distribution: East-Mediterranean species. Occurrence: wide-spread and frequent.

Netocia (Potosia) angustata (Germar, 1817) - prov. Içel: Anamur, 1984. V. 11., RI, RA et SZD; prov. Balıkesir: Ulukir, 1989. VI. 15., RI; vil Muğla: Boncuk Dağı, Üzümlü, 2001. V. 19., RG et RIB - General distribution: Mediterranean species. Occurrence: wide-spread and frequent.

Netocia (Potosia) cuprea obscura (Andersch, 1797) - prov. Balıkesir: Ulukir, 1989. VI. 15., RI - General distribution: South-European subspecies. Occurrence: sporadic and not frequent.

Netocia (Potosia) cuprea phoebe Reitter, 1898 - prov. Adıyaman: Asağı Coplu Köyü, 1989. V. 29., RI et RA; prov. Balıkesir: Mt. Kapi Dağ, 400 m, Erdek, 2001. V. 29 - VI. 2., RG et RIB - General distribution: Anatolian subspecies. Occurrence: sporadic and rare.

Netocia (Potosia) cuprina (Motschulsky, 1849) - prov. Içel: Anamur, 1984. V. 11., RI et RA; Narlikuyu, 1984. V. 12., SZD; prov. Nevşehir: Kappadokia, Göreme, 1984. V. 16-17., RI; prov. Eskişehir: Kaymaz, 1989. VI. 11., RI; Yazılıkaya, Midas Şehri, 2001. V. 26., RG et RIB; prov. Muğla: Kızılyaka, 2001. V. 17., RG et RIB; Boncuk Dağı, Üzümlü, 2001. V. 19., RG et RIB; prov. Balıkesir: Mt. Kapi Dağ, 400 m, Erdek, 2001. V. 29 - VI. 2., RG et RIB; prov. Denizli: 5 km W of Tavas, Keceliler, 2001. V. 17., RG et RIB; prov. İzmir: Bergama, Asklepiyon, 1984. V. 3., SZD; prov. Antalya: Güney, 1984. V. 10., SZD - General distribution: Pontic species. Occurrence: wide-spread and frequent.

Netocia (Potosia) cuprina transfuga (Schaufuss, 1882) - prov. Çorum: Bogazkale, 1000 m, 1996. VI. 26., SZD; prov. Amasya: Tasova, 300 m, 1996. VII. 8., SZD; prov. Çankiri: Susuz, 1200 m, 1996. VII. 9., SZD - General distribution: Balkan-Asiatic subspecies. Occurrence: sporadic and frequent.

Netocia (Potosia) funebris (Gory et Percheron, 1833) - prov. Artvin: Okcular-valley, Şavşat, 1996. VI. 29., RI - General distribution: Caucasian-Turanian species. Occurrence: it is wide-spread in the North-East Turkey, but not frequent.

Netocia (Potosia) funesta (Ménétriés, 1836) - prov. Adana: Hieropolis, 1989. V. 27., RI et RA; prov. Kars: Mts. Ararat, 1989. VI. 4., RI; prov. Bitlis: Küçüksu, 1990. IV. 10., SZD; prov. Van: Gedikbulakköyü, 1990. IV. 11., SZD - General distribution: Caucasian-Anatolian species. Occurrence: wide-spread, but not frequent.

Netocia (Potosia) opaca (Fabricius, 1787) - prov. Adıyaman: Firat N., Karababa Köprü, 1990. IV. 8., SZD - General distribution: West-Mediterranean species. The subspecies *Netocia opaca cretica* (Kraatz, 1880) is found in Asia Minor by Baraud (1992).

Netocia (Potosia) splendidula (Faldermann, 1835) - prov. Kars: Mts. Ararat, 1989. VI. 4., RI et RA; Mts. Karasu-Aras, bank of Aras, 1989. VI. 5., RI; prov. Siirt: Çayan, 1989. V. 31., RI et RA; bank of Kahveci, 1989. V. 31., RI - General distribution: Caucasian species. Occurrence: it is wide-spread and frequent in East-Turkey.

Tropinota Mulsant, 1842

Tropinota hirta suturalis Reitter, 1913 - Sarıcan, 1990. V. 12., OA; prov. Bilecik: Meziç, 1987. V. 31., RI; prov. Afyon: Kunduzlu, 1987. V. 30., RI; prov. Sakarya: Esentepe, 1987. V. 11., RI; Kirkpınar, 1984. V. 20., RI; prov. Ankara: Akyarma-pass, 1500 m, near Aktas-river, 1987. V. 12., RI et RA; Yassihöyük, 1989. VI. 15., RI; Cigir, 1984. V. 19., SZD; prov. Amasya: Suluova, 1987. V. 16., RI; vil Sivas: Kizilli, 1987. V. 24., RI; 13 km E of Zara, 1987. V. 23., RI; Bank of Kizilirmak, 31 km E of Hafik, 1989. VI. 8., RI; prov. Çorlu: Çorlu, 1987. VI. 3., RI et RA; Lüleburgaz, 1987. V. 11., RI; prov. Yozgat: Disli, 1987. V. 24., RI; Derbent, 1989. VI. 10., RI; prov. Eskişehir: Paskandi, 1987. V. 28., RI et RA; Oğlaci, 1987. V. 28., RI; Midas Şehri, 1989. VI. 12., RI; prov. Çorum: Alacahöyük, 1987. V. 15., RI; Sekerhacili, 1987. V. 15., RI et RA; Bogazkale, 1987. V. 14-16., RI; prov. Gümüşhane: Telme, 1987. V. 20., RI; Siran, 1987. V. 20., RI; prov. Edirne: Koru Dağ, 1989. V. 22., RI; Keşan, 1989. VI. 15., RI; Paşayığıt, 1984. V. 1., 1989. V. 21., RI et SZD; Kirçalıh, 1984. V. 1., RI; prov. Manisa: Sartmustafa, 1989. V. 24., RI; Sardes, 2001. V. 15., RG et RIB; prov. Uşak: Banaz, 1989. V. 24., RI; prov. Balıkesir: Gündoğan, 1989. VI. 15., RI; Mt. Kapi Dağ, 400 m, Ocaklar, 2001. V. 30., RG; prov. Içel: Mts. Taurus, 1600 m, Çamlıyayla, 1984. V. 15., 1989. V. 27., RI et SZD; Mts. Taurus, Aladağ, 1984. V. 13., RI; Mts. Taurus, Ulaş, 1984. V. 14., RI; Mts. Ala Dağ, Kizilcahaman, 1400 m, 1983. VI. 19-21., GK; Yavca, 1984. V. 13., SZD; prov. Kars: Aras-valley, 1989. VI. 5., RI; prov. Nevşehir: Kappadokia, Kaymaklı, 1984. V. 16., RI et SZD; Göreme, 1984. V. 16-17., RI et SZD; prov. Aydın: İsabeyle, 1984. V. 4., RI et RA; Umurlu, 1984. V. 4., SZD; prov. Tekirdağ: Muratlı, 1984. V. 23., RI et RA; Nabiköy, 2001. VI. 5., RG; prov. Denizli: Çardak, 1984. V. 6., RI; prov. İzmir: Selçuk, Ephesos, 1984. V. 4., RI; Bergama, Pergamon, 1984. V. 3., RI, RA et SZD; prov. Denizli: Pamukkale, Hierapolis, 1984. V. 5., RI; prov. Antalya: Kalediran, 1984. V. 10., RI et SZD; Güney, 1984. V. 10., SZD; prov. Siirt: Köprucek, 1989. V. 1., RI et RA; Küçüksu, 1989. VI. 1., RI; Kusgunkiran-pass, 1989. VI. 1., RI; prov. Erzincan: Basköy, 1989. VI. 7., RI; prov. Ağrı: Meydandağı, 1989. VI. 2., RI; Sarıcan, 1990. IV. 12., SZD; prov. Adana: Kabasakal, 1990. IV. 3., SZD; Castabala, 1990. IV. 4., SZD; prov. Adıyaman: Narince, 1990. IV. 7., SZD; Firat N., Karababa Köprü, 1990. IV. 8., SZD; prov. Van: Gedikbulakköyü, 1990. IV. 11., SZD; prov. Kırklareli: Kuzulu Köyü, 500 m, 1996. VI. 24., SZD - General distribution: East-Mediterranean subspecies. Occurrence: very wide-spread and common.

Tropinota squalida squalida (Scopoli, 1783) - prov. Ankara: Çamlidere, 1200 m, 1996. VI. 24-25., RI; prov. Bursa: Gölyazi, 1989. VI. 15., RI; prov. Bilecik: 10 km S of Bözüyük, Daridere, 2001. V. 26., RG; prov. Izmir: Bergama, Asklepiyon, 1984. V. 3., SZD; prov. Aydın: Ortaklar, 1984. V. 6., SZD - General distribution: Circummediterranean species. Occurrence: wide-spread and very frequent.

Tropinota squalida pilosa Brullé, 1832 - prov. Edirne: 4 km N of Kesan, 2001. V. 12., RG et RIB; 20 km SE of Edirne, 109 m, 2006. IV. 16., RG et RIB; prov. Tekirdağ: Saray, 172 m, 2006. V. 11., RG et RIB; prov. Kırklareli: 20 km W of Vize, Erenzer, 231 m, 2006. V. 11., RG et RIB; 20 km SE of Kırklareli, Kizilcikdere, 205 m, 2006. V. 11., RG et RIB - General distribution: East-Mediterranean-African subspecies. Occurrence: it is wide-spread in the European-Turkey, and very frequent.

***Oxythyrea* Mulsant, 1842**

Oxythyrea albopicta (Motschulsky, 1845) - Mts. Taurus, Namrun, Çamlyayla, 1400 m, 1983. VI. 20-30., GK - General distribution: Asianic-Turanian species. Occurrence: sporadic and rare.

Oxythyrea cinctella (Schaum, 1841) - prov. Içel: Mts. Taurus, Ulaş, 1984. V. 14., RI, RA et SZD; Anamur, 1984. V. 11., RI et RA; Korykos, 1984. V. 12., RI et RA; Mts. Taurus, Aladağ, 1984. V. 13., RI; Meselik, 1000 m, 1989. V. 27., RI et RA; Mts. Taurus, Çamlyayla, 1600 m, 1989. V. 27., RI et RA; Namrun, 1400 m, 1983. VI. 20-30., GK; prov. Antalya: Güney, 1984. V. 10., RI et SZD; Kalediran, 1984. V. 10., RI et RA; Alanya, 1984. V. 9., RI, RA et SZD; 10 km N of Aksu, 2001. V. 23., RG et RIB; prov. Izmir: Bergama, Pergamon, 1984. V. 3., 1989. V. 23., RI, RA et SZD; 2001. V. 15., RG et RIB; prov. Ankara: Cigir, 1984. V. 19., RI; prov. Denizli: Pamukkale, Hierapolis, 1984. V. 5., RI, RA et SZD; 2001. V. 16-17., RG et RIB; 5 km W of Tavas, Keceliler, 2001. V. 17., RG et RIB; prov. Aydın: Isabeyli, 1984. V. 4., RI; Ortaklar, 1984. V. 4., SZD; prov. Eskişehir: Paskadni, 1987. V. 28., RI et RA; Oglacki, 1987. V. 28., RI et RA; Kirka, 1989. VI. 13., RI; Kaymaz, 1989. VI. 11., RI et RA; prov. Adana: Hierapolis, 1989. V. 27., RI et RA; prov. Adiyaman: Asagi Coplu Köyü, 1989. V. 29., RI; prov. Siirt: Çayan, 1989. V. 31., RI et RA; south shore of lake Van, 1989. VI. 1., RI; Kusgunküran-pass, 1989. VI. 1., RI et RA; prov. Kars: Karakurt, 1989. VI. 5., RI; Aras-valley, 1989. VI. 5., RI; Kagizman, 1989. VI. 5., RI; prov. Bursa: Gölyazi, 1989. VI. 15., RI et RA; prov. Balıkesir: Gündogan, 1989. VI. 15., RI et RA; Ulukir, 1989. VI. 15., RI; Mts. Kapi Dağ, Erdek, 400 m, 2001. VI. 2., RG et RIB; prov. Edirne: Kuru Dağ, 1989. V. 22., RI et RA; prov. Siirt: Sapur, Dinlemne Yeri, 1989. VI. 1., RI; prov. Erzurum: 11 km S of Uzundere, 1996. VI. 29., RI; prov. Erzincan: Tercan, 1500 m, 1996. VI. 28., RI; 46 km W of Tercan, 1200 m, 1996. VI. 28., RI; prov. Artvin: Okcular-valley, Şavşat, 1996. VI. 29., RI et SZD; Cam pass, 1600 m, 1996. VI. 30., SZD; prov. Çorum: Büyükcinesu, 1996. VI. 26., RI et SZD; Sungurlu, 1996. VI. 25., RI; Osmancik, 450 m, 1996. VII. 8., RI et SZD; prov. Kastamonu: Tosya, 650 m, 1996. VII. 9., RI; prov. Çanakkale: Mt. Kuru Dağ, Kocaçeşme, 2001. V. 12., RG et RIB; prov. Manisa: Sartmustafa, Sardes, 2001. V. 15., RG et RIB; 5 km SE of Manisa, 2001. V. 15., RG et RIB; 13 km N of Muradiye, 2001. V. 15., RG et RIB; prov. Muğla: Boncuk Dağı, Üzümlü, 2001. V. 19., RG et RIB; Kizilyaka, 2001. V. 17., RG et RIB; prov. Isparta: Sipahiler, 2001. V. 23., RG et RIB - General distribution: East-Mediterranean-Levantine species. Occurrence: very wide-spread and very common.

Oxythyrea funesta (Poda, 1761) - prov. Istanbul: Silivri, 1984. V. 23., RI et RA; prov. Çorlu: Çorlu, 1987. VI. 3., RI et RA; prov. Kırklareli: Saricaali, 1987. VI. 3., RI; Kuzulu Köyü, 1996. VI. 24., RI; 20 km SE of Kırklareli, 240 m, 2006. V. 11., RG et RIB; 20 km W of Vize, Erzener, 231 m, 2006. V. 11., RG et RIB; prov. Edirne: Keşan, 1989. VI. 15., RI; Paşayığıt, 1989. V. 21., RI; Kuru Dağ, 1989. V. 22., RI; prov. Balıkesir: Ulukir, 1989. VI. 15., RI; Gündogan, 1989. VI. 15., RI; prov. Manisa: 5 km SE of Manisa, 2001. V. 15., RG et RIB; prov. Çanakkale: Gelibolu Yarımadası, Bayirköy, 2001. V. 12., RG et RIB; prov. Izmir: Bergama, Asklepiyon, 1984. V. 3 - General distribution: Mediterranean species. Occurrence: wide-spread and common.

Summary

Between 1977 and 2006 researchers of the Hungarian Entomological Society conducted 9 collecting trips to Turkey. This paper contains a list of Lamellicornia species with collecting data, collected on these trips. 12 families, 64 genera, 270 species and subspecies are listed:

Genus	Number of Species	
Lucanidae	3	3
Geotrupidae	5	7
Ochodaeidae	1	1
Aphodiidae	1	21
Scarabaeidae	8	24
Glaphyridae	2	9
Melolonthidae	9	12
Rutelidae	4	7
Dynastidae	2	2
Cetoniidae	7	13
Altogether:	42	99

The records of 20 species are new as previously published records of these don't exist. The newly recorded species are:

- Aphodius (Acrossus) gagatinus* Ménériés, 1832
Aphodius (Acrossus) planicollis (Reitter, 1890)
Aphodius (Biralus) equinus (Faldermann, 1835)
Aphodius (Chilothorax) pustulifer Reitter, 1892
Aphodius (Neagolius) abchasicus Reitter, 1892
Aphodius (Phalacronotus) citellorum Semenov et Medvedev, 1929
Aphodius (Plagiogonus) nanoides (Balthasar, 1961)
Aphodius (Pseudosymus) lucidus Klug, 1845
Oxyomus silvestris (Scopoli, 1763)
Pleurophorus apicipennis Reitter, 1892
Rhyssemus algiricus meridionalis Reitter, 1901
Bubas bison (Linnaeus, 1767)
Onthophagus (Palaeonthophagus) similis (Scriba, 1790)
Onthophagus (Palaeonthophagus) tesquorum Semenov et Medvedev, 1929
Eulasia (s.str.) arctos arctos (Pallas, 1781)
Eulasia (s.str.) korbi (Petrovitz, 1972)
Homaloptia (s.str.) ruricola ruricola (Fabricius, 1775)
Hoplia caucasica Kolenati, 1846
Hoplia cylindrica Reitter, 1903
Hoplia pollinosa Krynicki, 1832

The further research of Turkey's Lamellicornia fauna may reveal more novelties regarding the distribution of species known from surrounding territories. We can anticipate new distribution records especially in East-Anatolia. The dispersion of Caucasian, Iranian and Syrian species is perceivable in this area.

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