

**CONTRIBUTIONS TO THE KNOWLEDGE OF CARABIDAE
(COLEOPTERA) FAUNA OF TURKEY
WITH NEW LOCALITY RECORDS**

Serdar Tezcan*, Yusuf Karsavuran* and Esat Pehlivan*

* Department of Plant Protection, Faculty of Agriculture, University of Ege, 35100 Bornova, Izmir, TURKEY. E-mail: serdar.tezcan@gmail.com

[Tezcan, S., Karsavuran, Y. & Pehlivan, E. 2018. Contributions to the knowledge of Carabidae (Coleoptera) fauna of Turkey with new locality records. Munis Entomology & Zoology, 13 (2): 548-565]

ABSTRACT: In this paper, some new locality records of 194 species/subspecies belonging to 59 genera of 16 subfamilies of Carabidae fauna of Turkey housed in the collection of LEMT (Lodos Entomological Museum Turkey), Ege University, Izmir, Turkey, have been given.

KEY WORDS: Carabidae, fauna, ground beetles, Turkey

Carabidae fauna of Turkey is quite rich and the recent studies of Lodos (1983, 1989), Čatloš & Moravec (1999), Cavazzuti (1999, 2003, 2006), Andujar & Serrano (2000), Kocatepe & Mergen (2004), Kesdek (2008, 2010, 2012, 2013), Kesdek & Yıldırım (2004a, b, 2007a, b, c, 2008, 2010a, b), Avgın (2011), Avgın & Cavazzuti (2011), Avgın & Emre (2007, 2008), Avgın & Prunier (2007, 2010), Deuve & Kesdek (2013), Küçükaykay et al. (2013), Fidan et al. (2014) and Özgen et al. (2017) have great importance in this field.

In different parts of Turkey, some ground beetle material have been collected and housed in the collection of LEMT (Lodos Entomological Museum Turkey), Ege University, Izmir, Turkey by researchers of Plant Protection Department, Faculty of Agriculture, Ege University, between the years of 1955-1997. Those material have been determined by F. Hieke, H. Freude, J. Myska, L.Ivanovs, M. Pavesi, R. Sciaky and W. Heinz and the names of determinants have been given in text. If the material have not contain the name of taxonomist, that means those material have been identified by the late Prof. Dr. Niyazi Lodos.

In this paper, classification and nomenclature of ground beetles suggested by Anonymous (2018) has been followed and some recent revisions of taxa have been taken into account. Provinces of the collected species have been given in alphabetic order with in the following list. The aim of this study was to give new locality records for Turkish Carabidae fauna.

RESULTS

In this study, a total of 194 species/subspecies belonging to 59 genera of 16 subfamilies of Carabidae have been evaluated.

Subfamily Brachininae

Tribus Brachinini

Subtribus Brachinina

***Brachinus* Weber, 1801**

***Brachinus (Brachinus) crepitans* (Linnaeus, 1758)**

Material examined: Artvin-Murgul, 05.09.1971, (2); Erenköy, 26.08.1971, (1); Özmal, 24.08.1971, *Cannabis* sp., (1); Petek, 20.08.1971, (5), (det. G. Ledoux). İzmir-Bornova, 21.12.1971, under stone, (4); 25.02.1972, under stone, (1).

***Brachinus (Brachinus) ejaculans* Fisher von Waldheim, 1828**

Material examined: Konya, Bozkır, 24.04.1979, under stone, (1), (det. M. Pavesi).

***Brachinus (Brachinus) plagiatus* Reiche, 1868**

Material examined: Adana, 13.08.1971, light trap, (1), İzmir-Bornova, 11.05.1962, (1), (det. G. Ledoux).

***Brachinus (Brachynidius) brevicollis* Motschulsky, 1844**

Material examined: Isparta-Eğirdir, 27.04.1972, *Prunus amygdali*, (1) (det. W. Heinz as *Brachinus peregrinus*).

***Brachinus (Brachynidius) explodens* Duftschmid, 1812**

Material examined: Artvin-Borçka, 27.08.1971, *Acer* sp., (2); 02.09.1971, (4). Bolu-Mengen, 26.05.1980, under stone, (2). İzmir, Yamanlar Dağı, 30.07.1973, pitfall, (2); 07.12.1980, under stone, (1); Bornova, 11.05.1962, (2); Menderes, Gümüldür, 09.04.1973, *Cupressus* sp., (2); Ödemiş, Bozdağ, 13.04.1978, on the ground, (1). Mersin-Tarsus, Namrun, 01.06.1984, poaceous plants, (1); Çamalan, 05.06.1972, *Malus* sp., (1). Sakarya-Taraklı, 27.08.1971, (2), (det. G. Ledoux).

Subfamily Broscinae**Tribus Broscini****Subtribus Broscina*****Broscus* Panzer, 1813*****Broscus cephalotes* (Linnaeus, 1758)**

Material examined: Kars, 17.06.1973, (1). Van, 1750 m., 09.08.1971, (1), (leg. G. Ledoux).

***Broscus nobilis* (Dejean, 1828)**

Material examined: İzmir-Bornova, 19.05.1962, (1) (det. W. Heinz); Karşıyaka, 16.05.1962, (1).

Subfamily Carabinae**Tribus Carabini****Subtribus Calosomatina*****Calosoma* Weber, 1801*****Calosoma (Callisthenes) ewersmanni* Chaudoir, 1850**

Material examined: Ankara-Yenimahalle, 24.06.1972, (1).

***Calosoma (Calosoma) inquisitor* (Linnaeus, 1758)**

Material examined: Edirne-Uzunköprü, 28.05.1974, *Prunus armeniaca*, (2), (det. W. Heinz). İzmir-Buca, 11.05.1987, on the ground, (1); Urla, Çeşmealtı, 06.06.1986, *Solanum lycopersicum*, (1), (det. M. Pavesi).

***Calosoma (Calosoma) sycophanta* (Linnaeus, 1758)**

Material examined: Adana, 04.08.1961, (1). Antalya, 07.04.1984, weeds, (1); Korkuteli, Güllük Dağı, 24.05.1986, *Quercus* sp., (3). Balıkesir-Bigadiç, 17.05.1971, *Rosa* sp., (2). Bursa, 02.07.1961, (1). Çanakkale-Lapseki, 21.05.1973, *Quercus* sp., (1). İzmir, 11.05.1962, (1); 09.06.1960, (1); 25.06.1960, (1); Bornova, 17.05.1962, (1); 20.03.1971, *liliaceous plant* (1); 05.05.1971, (1); 30.03.1972, on the ground; (1); 27.03.1974, on the ground, (2); 02.05.1974, on the ground, (1); 20.04.1975, on the ground, (2); 11.04.1982, ornamental plants, (1), (det. M. Pavesi); 25.03.1984, *Olea europaea*, (1); 28.06.1984, weeds, (1); 15.04.1987, on the ground, (2); Doğanlar, 29.04.1975, on the ground, (1); Ödemiş, Gölcük, 01.06.1955, (1); Urla, 11.05.1962, (1). Manisa, 05.04.1984, on the ground, (1). Muğla, 05.06.1973, on the ground, (5); 06.06.1973, *Myrtus* sp., (4). Samsun, 12.08.1975, *Pinus* sp., (1). Tunceli, 12.07.1977, (1), (det. W. Heinz). Uşak, 24.05.1973, *Lymantria* sp. larvae, (1); 24.05.1973, on *Lymantria* sp. larvae, (3).

***Calosoma (Campalita) auropunctatum* (Herbst, 1784)**

Material examined: İzmir-Bornova, 13.04.1962, (1).

***Calosoma (Campalita) maderae* (Fabricius, 1775)**

Material examined: Ankara-Yenimahalle, 24.06.1975, (1). Diyarbakır, Karacadağ, 29.04.1996, (1), (det. W. Heinz as sub.*funestum*).

Subtribus Carabina**Carabus Linnaeus, 1758****Carabus (Archicarabus) wiedemanni akcakocaensis Blumenthal & Breuning, 1967**

Material examined: Düzce-Çilimli, *Nicotiana tabacum*, (1).

Carabus (Archicarabus) wiedemanni bythinus Lapouge, 1908

Material examined: Bilecik-Pazaryeri, 25.05.1971, *Humulus lupulus*, (1). Bursa, 19.07.1972, *Vitis vinifera*, (1), (det. L. Ivanovs as *Carabus (Archicarabus) wiedemanni nilüfer*).

Carabus (Carabus) granulatus Linnaeus, 1758

Material examined: Kırklareli-Lüleburgaz, Türkgeldi, 22.07.1972, (1), (det. L. Ivanovs).

Carabus (Cytilocarabus) cribratus Quensel, 1806

Material examined: Giresun, Tamdere, 22.08.1970, forest, 1500 m. (2), (leg. G. Ledoux as *Oreocarabus cribratus* Quensel).

Carabus (Eucarabus) catenulatus Scopoli, 1763

Material examined: Edirne, 23.07.1961, (1).

Carabus (Heterocarabus) mariettii De Cristoforis & Jan, 1837

Material examined: Bolu-Abant, 09.08.1969, (1), (det. G. Ledoux).

Carabus (Lamprostus) calleyi pseudoprasinus Lapouge, 1912

Material examined: Artvin-Ardanuç, 18.06.1977, (1).

Carabus (Lamprostus) spinolae Cristoforis & Jan, 1837

Material examined: Giresun-Dereli, Şehitler, Kümbet, 03.08.1970, 2100 m., (1), (det. G. Ledoux).

Carabus (Lamprostus) torosus escherichi Lapouge, 1914

Material examined: Konya-Bozkır, 24.04.1979, under stone, (1), (det. L. Ivanovs).

Carabus (Megodontus) violaceus purpurascens Fabricius, 1787

Material examined: Kırklareli, 20.07.1982, (1).

Carabus (Mimocarabus) maurus (Adams, 1817)

Material examined: Ardahan, Bülbülen Plateau, 2400 m., 12.06.1973, (1), (Det. W. Heinz). Kars, 16.07.1982, under stone, (5), (det. G. Ledoux).

Carabus (Oxyicarabus) pirthous saphyrinus Cristoforis & Jan, 1837

Material examined: Bolu-Gerede, Yenick Çayı, 21.08.1969, (2), (leg. G. Ledoux).

Carabus (Pachycarabus) roseri Faldermann, 1836

Material examined: Rize, Pazar, Ilıca, 1400 m., June, 1969 (2).

Carabus (Pachystus) graecus morio Mannerheim, 1830

Material examined: Afyonkarahisar, 14.06.1972, (1). İzmir, Yamanlar Dağı, 26.10.1982, weeds, (1), (det. M. Pavesi); Bornova, 12.05.1962, (1), (det. L. Ivanovs); Tire, 04.04.1984, (1). Muğla, 24.4.1965, *Triticum aestivum*, (1).

Carabus (Procerus) caucasicus colchicus Motschoulsky, 1844

Material examined: Artvin-Ardanuç, 18.06.1977, (1), (det. J. Myska).

Carabus (Procerus) sommeri estegeicus Cavazzuti, 1989

Material examined: İzmir, July 1965, (3), (det. J. Myska).

Carabus (Procrustes) chevrolati Cristoforis & Jan, 1837

Material examined: Bolu-Gerede, Yenick Çayı, 21.08.1969, (1), (det. G. Ledoux). Karabük-Eskipazar, 29.05.1980, *Verbascum* sp., (1).

Carabus (Procrustes) coriaceus cerisyi Dejean, 1826

Material examined: Aydın-Söke, Davutlar, 04.11.1971, on the ground, (1). İzmir, 05.05.1961, on the ground, (2); Yamanlar Dağı, 30.07.1973, pitfall trap, (3); Bornova, 12.06.1959, (1); 13.01.1962, on the ground, (1); 08.05.1962, (1); 12.05.1962, (6); 05.05.1964, ornamental plants, (1); 10.05.1964, (2); 28.04.1971, on the ground, (2); 24.06.1971, (1); Çeşme, 17.04.1973, on the ground, (1).

Carabus (Procrustes) coriaceus kindermanni Waltl, 1838

Material examined: Aydın, 20.04.1984, weeds, (1). Bursa, Uludağ, 02.08.1969, forest, (1) (leg. & det. G. Ledoux as *Carabus (Procrustes) coriaceus brussensis*). İzmir-Bornova, 20.10.1962, (1); 07.05.1983, under stone, (1); 10.12.1983, on the ground, (1);

27.10.1983, under stone, (1); 09.11.1983, under stone, (2); 20.12.1983, on the ground, (2); 05.03.1984, on the ground, (1); 05.05.1984, on the ground, (1); 11.04.1984, under stone, (2); 05.05.1984, on the ground, (2); 03.04.1987, (1); 08.04.1987, (2); 09.05.1987, on the ground, (1); 15.05.1988, weeds, (1); 15.08.1988, weeds, (1); **Narlıdere**, 27.10.1983, on the ground, (1); **Torbali**, 10.04.1982, under stone, (1), (det. M. Pavesi). **Manisa-Akhisar**, 19.04.1987, weeds, (1); **Turgutlu**, 16.06.1980, weeds, (1).

***Carabus (Procrustes) coriaceus mopsucrenae* Peyron, 1858**

Material examined: Konya-Akşehir, 21.04.1979, under stone, (1) (det. L. Ivanovs as *Coriaceus mopsucrenae*).

***Carabus (Sphodristocarabus) akkusensis* Breuning, 1964**

Material examined: Ordu-Göllüce, Akkuş, 08.05.1967, (1).

***Carabus (Sphodristocarabus) macrogonus schweigerinae* Schweiger, 1962**

Material examined: Bolu-Abant, 10.08.1969, (1), (det. G. Ledoux).

***Carabus (Tachypus) cancellatus* Illiger, 1798**

Material examined: Kahramanmaraş-Türkoğlu, 22.07.1972, (2).

***Carabus (Tomocarabus) convexus* Fabricius, 1775**

Material examined: Kırklareli, 20.07.1972, (1).

Tribus Cychrini

***Cychnus* Fabricius, 1794**

***Cychnus anatolicus ponticus* Schweiger, 1962**

Material examined: Bolu-Abant, 23.08.1969, (1) (det. G. Ledoux as *Cychnus ponticus*).

***Cychnus aeneus aeneus* Fischer von Waldheim, 1824**

Material examined: Giresun-Bicik (1500 m), 01.08.1970, (1), (leg. G. Ledoux).

Subfamily Chlaeniinae

Tribus Chlaeniini

Subtribus Chlaeniina

***Chlaeniellus* Reitter, 1908**

***Chlaeniellus flavipes* (Ménétriés, 1832)**

Material examined: Eziroğlu, Değirmen, 06.08.1970, (1), (leg. & det. G. Ledoux).

***Chlaeniellus nigricornis* (Fabricius, 1787)**

Material examined: Kars, 17.06.1973, (1).

***Chlaeniellus vestitus* (Paykull, 1790)**

Material examined: Adana, 04.06.1972, light trap, (1). **Artvin-Murgul**, 05.09.1971, light trap, (1). **Diyarbakır**, Karacadağ, 07.08.1971, (1), (det. W. Heinz). **İzmir-Bornova**, 01.06.1962, (1); 12.04.1985, weeds, (1); 16.04.1985, weeds, (2), (det. M. Pavesi); **Karaburun**, Mordoğan, 22.07.1971, light trap, (1); **Urla**, 02.07.1961, (1). **Karaman**, 02.07.1980, light trap, (1), (det. G. Ledoux as *Agostenus vestitus*). **Ordu, Kumru**, 13.07.1978, weeds, (1), (det. G. Ledoux as *Agostenus vestitus*). **Trabzon, Ortahisar, Çukurçayır**, 02.06.1974, under stone, (1).

***Chlaenius* Bonelli, 1810**

***Chlaenius (Chlaenites) spoliatus* (Rossi, 1792)**

Material examined: İzmir-Menemen, 24.03.1966, (1). **Kars**, 17.06.1973, (2). **Manisa-Kula**, 15.04.1975, under stone, (3). **Tokat**, 30.07.1986, (4).

***Chlaenius (Chlaenius) festivus* (Panzer, 1796)**

Material examined: İzmir, Yamanlar Dağı, 30.07.1973, pitfall trap, (2), (det. W. Heinz); **Bornova**, 14.04.1980, under stone, (1), (det. M. Pavesi).

***Chlaenius (Stenochlaenius) coeruleus* (Steven, 1809)**

Material examined: Eziroğlu, Değirmen, 06.08.1970, (1), (leg. & det. G. Ledoux).

***Dinodes* Bonelli, 1810**

***Dinodes (Dinodes) decipiens* (L. Dufour, 1820)**

Material examined: Artvin-Murgul, Erenköy, 26.08.1971, (1).

Subfamily Dryptinae**Tribus Dryptini*****Drypta* Latreille, 1796*****Drypta (Drypta) dentata* (P. Rossi, 1790)**

Material examined: Adana, 13.08.1971, light trap, (1). Kırklareli-Lüleburgaz, Türkgeldi, 30.06.1972, *Prunus* sp., (1).

Subfamily Harpalinae**Tribus Anisodactylini*****Diachromus* Erichson, 1837*****Diachromus germanus* (Linnaeus, 1758)**

Material examined: Afyonkarahisar-Şuhut, 15.06.1972, *Salix* sp., (2), (det. F. Hieke).

Gynandromorphus* Dejean, 1829**Gynandromorphus etruscus* (Quensel in Schonherr, 1806)**

Material examined: Balıkesir-Bandırma, 20.05.1973, weeds, (1). Sinop, 04.06.1973, *Platanus* sp., (1), (det. W. Heinz).

Scybalicus* Schaum, 1862**Scybalicus oblongiusculus* (Dejean, 1829)**

Material examined: İzmir-Bornova, 21.12.1971, under stone, (1); 08.01.1972, under stone, (1); 31.03.1984, under stone, (1), (det. R. Sciaky).

Tribus Harpalini**Subtribus Amblystomina*****Amblystomus* Erichson, 1837*****Amblystomus niger* (Heer, 1841)**

Material examined: Kütahya-Seyitömer, 1220 m., 23.05.1971, (1), (det. G. Ledoux).

Subtribus Ditomina***Carterus* Dejean & Boisduval, 1829*****Carterus (Carterus) dama* (Rossi, 1792)**

Material examined: Kastamonu-Devrekani, 04.06.1980, under stone, (1) (det. G. Ledoux).

***Carterus (Carterus) gilvipes* (Piochard de la Brulerie, 1873)**

Material examined: Adana-Pozanti, 01.06.1984, weeds, (1). Antalya, 17.04.1984, under stone, (1) (det. G. Ledoux).

Ditomus* Bonelli, 1810**Ditomus calydonius* (P. Rossi, 1790)**

Material examined: İzmir-Çeşme, 24.02.1972, under stone, (1) (det. M. Pavesi as *Carterus calydonius*); Narlıdere, 06.08.1976, on roots of *Cynara scolymus*, (1). Mersin-Gülнар, 24.05.1984, under stone, (1) (det. G. Ledoux as *Sabienus calydonius*).

***Ditomus tricuspидatus* (Fabricius, 1792)**

Material examined: Adana, 13.08.1971, (1) (det. W. Heinz as *Carterus tricuspидatus*).

Dixus* Billberg, 1820**Dixus eremita* (Dejean, 1825)**

Material examined: Adana-Tufanbeyli, 05.06.1984, under stone, (2), (det. G. Ledoux as *Ditomus eremita*). Bursa-İznik, 01.06.1971, weeds, (1), (det. W. Heinz as *Ditomus eremita*). Siirt-Baykan, 08.06.1975, *Quercus* sp., (1).

***Dixus obscurus* (Dejean, 1825)**

Material examined: Afyon-Bayat, 14.06.1972, on the ground, (1), (det. G. Ledoux as *Ditomus obscurus*). Antalya-Elmalı, 08.04.1984, under stone, (1), (det. G. Ledoux as *Ditomus obscurus*). Artvin-Ardanuç, 18.06.1977, (1), (det. G. Ledoux as *Ditomus obscurus*). İzmir-Balçova, 11.05.1971, on the ground, (2); Ödemiş, Bozdağ, 13.04.1978, on the ground, (1), (det. G. Ledoux as *Ditomus obscurus*). Mersin-Namrun,

01.06.1984, poaceous plants, (1), (det. G. Ledoux as *Ditomus obscurus*). **Muğla-Marmaris**, 06.06.1973, on the ground, (1), (det. W. Heinz as *Ditomus obscurus*).

Odotoncarus Solier, 1835

Odotoncarus asiaticus (Chaudoir, 1852)

Material examined: Kahramanmaraş, Ahır Dağı, 1550 m., 01.05.1986, *Cirsium* sp., (1), (det. R. Sciaky as *Carterus asiaticus*).

Oedesis Motschulsky, 1850

Oedesis villosulus (Reiche, 1859)

Material examined: Kahramanmaraş-Türkoğlu, 19.07.1984, light trap, (1), (det. G. Ledoux).

Penthus Chaudoir, 1843

Penthus tenebrioides (Waltl, 1838)

Material examined: Denizli, 13.06.1973, on the ground, (1), (det. W. Heinz). **Mersin-Güzeloluk**, 30.05.1984, under stone, (2), (det. G. Ledoux).

Subtribus Harpalina

Acinopus Dejean, 1821

Acinopus (Acinopus) baudii A. Fiori, 1913

Material examined: Antalya-Kaş, 03.05.1972, (2), (det. W. Heinz).

Acinopus (Acinopus) picipes (Olivier, 1795)

Material examined: Adana-Tufanbeyli, 05.06.1984, under stone, 1400 m., (1); 05.06.1984, under stone, 1575 m., (1), (det. G. Ledoux). **Ankara-Ayaş**, 10.07.1979, weeds, (1). **Antalya**, 29.04.1985, *Salix* sp., (1) (det. M. Pavesi); **Akseli**, 23.04.1984, dung, (1), (det. G. Ledoux); **Kaş**, 07.04.1984, under stone, (1); **Manavgat**, Side, 29.04.1972, weeds, (1). **Bursa**, 19.07.1972, *Vitis vinifera*, (1). **Çorum-İskilip**, 02.07.1978, on the ground, (1). **Denizli**, 13.06.1973, on the ground, (1). **İzmir-Urla**, 20.07.1963, (1). **Karaman**, 25.04.1979, under stone, (1). **Mersin-Gülнар**, 24.05.1984, under stone, (3); **Güzeloluk**, 30.05.1984, under stone, (1); 30.06.1984, under stone, (1); **Silifke**, Kirobası, 29.05.1984, under stone, (2), (det. G. Ledoux). **Niğde-Bor**, 30.04.1979, under stone, (3); **Ulukışla**, Çiftelhan, 29.04.1979, under stone, (1). **Uşak-Ulubey**, 29.04.1973, on the ground, (1).

Acinopus (Oedematicus) megacephalus (P. Rossi, 1794)

Material examined: Elazığ-Kovançlar, 13.06.1972, *Rosa* sp., (1), (det. W. Heinz).

Acinopus (Osimus) ammophilus Dejean, 1829

Material examined: Çorum-Dodurga, 04.07.1978, under stone, (3). **Konya-Beyşehir**, 23.04.1979, under stone (1) (det. G. Ledoux).

Cryptophonus Brandmayr & Zetto-Brandmayr, 1982

Cryptophonus tenebrosus (Dejean, 1829)

Material examined: İzmir-Narlıdere, 11.04.1984, weeds, (1), (det. R. Sciaky).

Harpalus Latreille, 1802

Harpalus (Harpalus) affinis (Schrank, 1781)

Material examined: Ardahan, Bülbülen Plateau, 2400 m., 12.06.1973, (31). **Bursa**, Uludağ, 19.05.1973, *Cirsium* sp., (1). **Kars**, 13.06.1973, *Medicago sativa*, (1); 16.06.1973, leguminous plants, (1), (det. W. Heinz as *Harpalus aeneus*).

Harpalus (Harpalus) angulatus subangulatus Reitter, 1900

Material examined: Erzurum-Aşkale, 16.06.1973, weeds, (1), (det. W. Heinz).

Harpalus (Harpalus) brachypterus Tschitscherine, 1898

Material examined: Elazığ-Hazar, 08.08.1971, on the ground, (1). **Sivas-Divriği**, İnanlı, 16.06.1973, grassland, (2), (det. W. Heinz).

Harpalus (Harpalus) dimidiatus (P. Rossi, 1790)

Material examined: Sinop, 04.06.1973, *Platanus* sp., (1), (det. R. Seisky).

Harpalus (Harpalus) distinguendus (Duftschmid, 1812)

Material examined: Antalya-Kaş, 21.04.1984, under stone, (1). **İzmir-Bornova**, 25.02.1972, under stone, (1); 29.02.1972, under stone, (4); 09.08.1963, on the ground, (1); **Menderes**, Gümüldür, 09.04.1973, *Salix* sp., (1). **Kars**, 13.06.1973, (1). **Manisa-Turgutlu**, 20.04.1984, weeds, (1). **Sinop**, 25.04.1974, *Medicago sativa*, (1). **Uşak**, 30.04.1973, *Medicago sativa*, (2), (det. W. Heinz).

***Harpalus (Harpalus) metallinus* Ménériés, 1836**

Material examined: İzmir-Bornova, 11.01.1972, under stone, (2); 31.01.1972, under stone, (1); 10.05.1985, on the ground, (1), (det. R. Sciaky).

***Harpalus (Harpalus) oblitus* Dejean, 1829**

Material examined: Kars, 13.06.1973, *fabaceous plants*, (1) (det. W. Heinz).

***Harpalus (Harpalus) pygmaeus* Dejean, 1829**

Material examined: İzmir-Kiraz, 25.01.1972, under stone, (2), (det. R. Sciaky).

***Harpalus (Harpalus) quadratus* Chaudoir, 1846**

Material examined: Ardahan-Bülbülen Plateau, 2400 m, 12.06.1973, (3), (det. R. Sciaky).

***Harpalus (Harpalus) serripes* (Quensel in Schonherr, 1806)**

Material examined: Ağrı-Doğubeyazıt, 14.06.1973, *poaceous plants*, (1), (det. W. Heinz).

***Harpalus (Harpalus) smaragdinus* (Duftschmid, 1812)**

Material examined: İzmir-Bornova, Kampus, 05.05.1983, *weeds*, (1); Karaburun, Mordoğan, 25.07.1971, *light trap*, (4); 27.07.1971, *light trap*, (1), (det. W. Heinz).

***Harpalus (Harpalus) smyrnensis raddei* Tschitschérine, 1897**

Material examined: Sivas-Divriği, İnanlı, 16.06.1973, *grassland*, (2), (det. W. Heinz).

***Harpalus (Harpalus) zabroides* Dejean, 1829**

Material examined: Kars, 13.06.1973, (1).

Ophonus* Dejean, 1821**Ophonus (Hesperophonus) azureus* (Fabricius, 1775)**

Material examined: Kars, 13.06.1973, *leguminous plants*, (2).

***Ophonus (Hesperophonus) subquadratus* (Dejean, 1829)**

Material examined: İzmir-Karaburun, Mordoğan, 25.07.1971, *light trap*, (1); July 1973, on the ground, (2), (det. W. Heinz).

Parophonus* Ganglbauer, 1891**Parophonus (Parophonus) dia* (Reitter, 1900)**

Material examined: İzmir-Konak, Mersinli, 06.05.1984, on the ground, (1); Ödemiş, 29.12.1971, under stone, (6), (det. R. Sciaky). **Manisa-Turgutlu**, 20.3.1983, *weeds*, (1).

***Parophonus (Parophonus) laeviceps* (Ménétriés, 1832)**

Material examined: İzmir-Ödemiş, 25.04.1973, *Ulmus* sp., (1), (det. W. Heinz as *Tachyophonus fallax*).

Pseudoophonus* Motschulsky, 1844**Pseudoophonus (Pseudoophonus) griseus* (Panzer, 1796)**

Material examined: Adana, 13.08.1971, *light trap*, (2). **Artvin-Borçka**, 27.08.1971, *Acer* sp., (1) (det. W. Heinz); 15.08.1984, on the ground, (1), (det. M. Pavesi); **Murgul**, Erenköy, 26.08.1971, (1); İskep, 17.08.1971, (1); Özmal, 24.08.1971, on the ground, (1). **Aydın**, 15.10.1988, *weeds*, (1). **İzmir-Karaburun**, Mordoğan, 25.07.1971, *light trap*, (1); **Menderes**, Gümüldür, 09.04.1973; *Cupressus* sp., (1).

***Pseudoophonus (Pseudoophonus) rufipes* (De Geer, 1774)**

Material examined: Artvin-Murgul, 05.09.1971, (3); Başköy 1000 m., 11.09.1971, (4), (det. W. Heinz); Erenköy, 26.08.1971, (1); İskep, 17.08.1971, (5); Özmal, 24.08.1971, *Cannabis sativa*, (5); Petek, 20.08.1971, (10), (det. G. Ledoux). **Diyarbakır**, 06.08.1971, on the ground, (1); Karacadağ, 07.08.1971, (2). **Düzce-Konuralp**, 08.06.1977, (1), (det. G. Ledoux). **İstanbul-Kartal**, Cevizli, 11.07.1977, *Nicotiana tabacum*, (1). **İzmir-Bornova**, 04.05.1962, (2); 14.08.1963, on the ground, (1); 07.08.1969, (1); 27.10.1983, on the ground, (1); 11.11.1983, under stone, (1); **Karaburun**, Mordoğan, 15.07.1971, on the ground, (1), (det. G. Ledoux); Mordoğan, 22.07.1971, *light trap*, (3), (det. F. Hieke); 25.07.1971, *light trap*, (7); **Selçuk**, 29.06.1971, *Citrus lanatus*, (1); **Torbali**, Ormanköy, 16.06.1977, *Nicotiana tabacum*, (1), (det. G. Ledoux). **Malatya**, 09.07.1983, *light trap*, (1), (det. M. Pavesi). **Mardin-Nusaybin**, 06.07.1977, (1). **Osmaniye**, 02.06.1972, *Triticum aestivum*, (1).

Tribus Stenolophini***Egadroma* Motschulsky, 1855**

***Egadroma marginatum* (Dejean, 1829)**

Material examined: Adana, 13.08.1971, light trap, (8).

Stenolophus* Dejean, 1821**Stenolophus (Stenolophus) abdominalis* Gene, 1836**

Material examined: Artvin-Murgul, Özmal, 24.08.1971, *Cannabis sativa*, (1). Konya-Kulu, 02.05.1979, under stone, (5). Zonguldak-Çaycuma, 31.05.1980, aerial collector, (1) (det. G. Ledoux).

***Stenolophus (Stenolophus) discophorus* (Fischer von Waldheim, 1823)**

Material examined: Antalya-Kaş, 06.04.1984, aerial collector, (1). Bartın, 31.05.1980, on beach, (1).

***Stenolophus (Stenolophus) persicus* Mannerheim in Chaudoir, 1844**

Material examined: Afyonkarahisar-Şuhut, 15.06.1972, weeds, (1). İzmir-Karaburun, Mordoğan, 22.07.1971, light trap, (1); Temmuz 1973, on the ground, (1) (det. W. Heinz).

***Stenolophus (Stenolophus) teutonius* (Schrank, 1781)**

Material examined: Afyonkarahisar-Sincanlı, 13.06.1972, meadow, (1). İzmir-Çeşme, 09.12.1971, on the ground, (1) (det. M. Pavesi); Tire, 14.04.1967, weeds, (1). Malatya, June 1972, weeds, (1).

Subfamily Lebiinae**Tribus Cymindidini****Subtribus Cymindidina*****Cymindis* Latreille, 1806*****Cymindis (Cymindis) andreae* Ménétrés, 1832**

Material examined: Elazığ-Hazar, 08.08.1971, on the ground, (2). Karaman, 25.04.1979, under stone, (1). Kayseri, 11.08.1979, *Salix* sp., (1). Mersin-Anamur, Bozyazı, 24.05.1984, *Medicago maritima*, (1) (det. G. Ledoux).

***Cymindis (Cymindis) lineata* (Quensel in Schonherr, 1806)**

Material examined: İzmir-Seferihisar, 28.12.1971, under stone, (1) (det. M. Pavesi).

***Cymindis (Cymindis) ornata* Fischer von Waldheim, 1823**

Material examined: İzmir-Narlıdere, 11.02.1972, *Olea europaea*, (1); Seferihisar, 28.12.1971, under stone, (1) (det. M. Pavesi).

***Cymindis (Menas) miliaris* (Fabricius, 1801)**

Material examined: Kayseri, Erciyes, 10.08.1979, under stone, (1) (det. G. Ledoux as *Cymindis variolosa*).

Tribus Demetriadini***Demetrias* Bonelli, 1810*****Demetrias (Demetrias) atricapillus* (Linnaeus, 1758)**

Material examined: Bartın, 17.07.1979, weeds, (1) (det. G. Ledoux). Edirne-Keşan, 27.06.1972, *Prunus dulcis*, (1) (det. F. Hieke). Hatay-Dörtyol, 06.07.1984, *Verbascum* sp., (1) (det. G. Ledoux).

Tribus Lebiini***Lamprias* Bonelli, 1810*****Lamprias cyanocephalus* (Linnaeus, 1758)**

Material examined: Afyonkarahisar, 13.06.1972, *Malus domestica*, (1); Bayat, 14.06.1972, *Triticum aestivum*, (1) (det. F. Hieke as *Lebia cyanocephala*); Emirdağ, 14.06.1972, *Rosa* sp., (1); Şuhut, 15.06.1972, *Rosa* sp., (1); *Salix* sp., (1). Ağrı-Hamur, 10.08.1974, under stone, (1). Artvin, 12.06.1973, weeds, (2). Ankara-Bala, 26.06.1980, weeds, (1). Antalya-Kaş, Saklıkent, 17.04.1984, *Verbascum* sp., (1). Artvin, 08.07.1978, *Tamarix* sp., (1). Bilecik-Pazaryeri, 16.07.1972, *Medicago sativa*, (1) (det. F. Hieke as *Lebia cyanocephala*). Burdur, 15.04.1973, under stone, (4). Çorum, 03.07.1978, weeds, (1). Eskişehir-Mahmudiye, 08.07.1979, *Medicago sativa*, (1). Hatay-Yayladağı, 09.07.1984, *Laurus* sp., (1). Iğdır, 14.06.1973, poaceous

plants, (det. W. Heinz as *Lebia cyaneopcephala*). İzmir-Ödemiş, Bozdağ, 24.05.1972, *Alnus* sp., (1), (det. F. Hieke as *Lebia cyaneopcephala*). Karabük-Eflani, 18.07.1979, *Rosa* sp., (1). Kars, 13.06.1973, *Onobrychis sativa*, (1). Kastamonu-Araç, 18.07.1979, *Pinus* sp., (1). Kayseri, Erciyes, 10.08.1979, *Juniperus* sp., (1); Hisarcık, 01.06.1973, *Prunus dulcis*, (1). Kırşehir-Kaman, Hirfanlı, 18.08.1979, *Acacia* sp., (1). Kilis, 13.07.1984, *Salix* sp., (1). Kütahya, 16.06.1972, *Quercus* sp., (2), (det. F. Hieke as *Lebia cyaneopcephala*); ; 19.06.1972; *Urtica urens*, (1); Gediz, 17.06.1972, *Pyrus communis*, (1), (det. F. Hieke as *Lebia cyaneopcephala*); Seyitömer, Bozhöyük, 25.05.1971, *Pyrus elaeagnifolia*, (1). Manisa, 02.06.1972, (1). Mersin-Güzeloluk, 06.07.1986, weeds, (1), (det. M. Pavesi as *Lebia cyaneopcephala*). Uşak, 10.06.1972, *Rubus* sp., (2), (det. F. Hieke as *Lebia cyaneopcephala*); 12.06.1972, *Pyrus communis*, (1), (det. F. Hieke as *Lebia cyaneopcephala*). Yozgat-Çekerek, 07.08.1979, *Salix* sp., (1), (det. G. Ledoux).

***Lamprias festivus* (Faldermann, 1836)**

Material examined: Nevşehir-Avanos, 16.08.1979, *Salix* sp., (1). Zonguldak-Karadeniz Ereğli, 01.07.1980, *Malus domestica*, (1), (det. G. Ledoux).

***Lebia* Latreille, 1802**

***Lebia cruxminor* (Linnaeus, 1758)**

Material examined: Aydın-Çine, Madran 14.05.1972 *Malus domestica*, (1). Balıkesir-Gönen, 11.06.1970, *Paliurus* sp., (1). Çorum-İskilip, 04.07.1978, weeds, (1), (det. G. Ledoux). İzmir-Ödemiş, 24.04.1973, *Rubus* sp., (1); Bozdağ, 14.05.1973, *Rosa* sp., (1), (det. W. Heinz). Karaman, 02.07.1980, *Pinus* sp., (1), (det. G. Ledoux). Kırklareli-Pınarhisar, 01.07.1972, *Rubus* sp., (1), (det. F. Hieke). Kırşehir-Kaman, Hirfanlı, 25.05.1980, *Pinus* sp., (1), (det. G. Ledoux). Konya-Beyşehir, 05.07.1980, poaceous plants, (1), (det. G. Ledoux). Nevşehir-Hacıbektas, 26.06.1980, *Corylus avellana*, (1), (det. G. Ledoux). Ordu-Ünye, 11.07.1972, *Corylus avellana*, (1), (det. F. Hieke). Uşak, Bölme, 11.06.1972, *Lens culinaris*, (1), (det. M. Pavesi).

***Lebia lepida* Brulle in Audouin & Brulle, 1834**

Material examined: Artvin, 08.07.1978, *Tamarix* sp., (1), (det. G. Ledoux). Diyarbakır, Karacadağ, 1900 m., 26.04.1981, on the snow, (2). Gümüşhane, 11.07.1978, weeds, (1), (det. G. Ledoux).

***Lebia scapularis* (Geoffroy in Fourcroy, 1785)**

Material examined: Gaziantep, 16.07.1984, weeds, (1); Araban, 17.07.1984, *Populus* sp., (1); Oğuzeli, 14.07.1984, weeds, (1), (det. G. Ledoux). Kilis, 13.07.1982, *Salix* sp., (1), (det. G. Ledoux). Sinop-Boyabat, 13.06.1973, *Ulmus* sp., (1), (det. W. Heinz).

***Lebia trimaculata* (Villers, 1789)**

Material examined: Afyonkarahisar-Erkmen, 13.06.1972, weeds, (1); Karagöl, 12.06.1972, *Crataegus* sp., (2); 12.06.1972, *Vicia sativa*, (1); Çay, İnli, 15.06.1973, *Prunus armeniaca*, (1); Emirdağ, 14.06.1972, *Vicia sativa*, (1); 17.06.1972, *Prunus domestica*, (2). Ağrı, Cumaçay, 12.05.1974, under stone, (1). Ankara-Çubuk, 03.08.1978, *Malus domestica*, (1); Gündül, 10.07.1979, *Malus domestica*, (1); Keçiören, Bağlum, 11.07.1979, *Pyrus communis*, (4); *Elaeagnus angustifolia*, (1); *Fraxinus* sp., (1), (det. G. Ledoux). Elazığ, Kinederiç, 13.06.1972, *Malus domestica*, (1), (det. F. Hieke). Karaman, 02.07.1980, *Pinus* sp., (1), (det. G. Ledoux). Kütahya, 16.06.1972, *Quercus* sp., (1), (det. F. Hieke). Mersin-Güzeloluk, 06.07.1986, weeds, (1), (det. M. Pavesi). Nevşehir-Hacıbektas, 26.06.1980, *Corylus avellana*, (1), (det. G. Ledoux). Yozgat-Çekerek, Kırkdilim, 06.06.1973, *Quercus* sp., (1).

Subfamily Liciniinae

Tribus Licinini

***Badister* Clairville, 1806**

***Badister (Badister) bullatus* (Schrank, 1798)**

Material examined: Konya-Bozkr, 24.04.1979, *Quercus* sp., (1), (det. G. Ledoux as *Badister bipustulatus*).

***Licinus* Latreille, 1802**

***Licinus (Licinus) silphoides* (P. Rossi, 1790)**

Material examined: İzmir-Bornova, 11.05.1964, weeds, (1); 13.10.1983, on the ground,

(3) (det. M. Pavesi); **Karaburun**, Mordoğan, 13.07.1971, on the ground, (1).

Subfamily Nebrinae

Tribus Notiophilini

Notiophilus Duméril, 1806

Notiophilus biguttatus (Fabricius, 1779)

Material examined: Artvin-Murgul, Özmal, 24.08.1971, *Cannabis sativa*, (1); İskep, 17.08.1971, (1). **Bursa**, Uludağ, 02.08.1969, forest, (2). **Gümüşhane-Torul**, Zigana, 10.07.1976, under stone, (1). **Kars-Sarıkaş**, Bahıklıdağ, 1800 m., 10.08.1971, (3), (det. G. Ledoux).

Tribus Nebrini

Leistus Frölich, 1799

Leistus (Leistus) fulvibarbis Dejean, 1826

Material examined: Bursa, Uludağ, 04.08.1969, (2), (det. G. Ledoux). İzmir-Bornova, 11.05.1962, (1).

Leistus (Pogonophorus) rufomarginatus (Duftschmid, 1812)

Material examined: İzmir-Bornova, 11.05.1962, (1).

Nebria Latreille, 1802

Nebria (Eunebria) nigerrima Chaudoir, 1846

Material examined: Rize-İkizdere, 1500 m., 15.08.1970, (1), (leg. & det. G. Ledoux).

Nebria (Nebria) bonellii (Adams, 1817)

Material examined: Rize-İkizdere, 1500 m., 15.08.1970, (3), (det. G. Ledoux).

Nebria (Nebria) brevicollis (Fabricius, 1792)

Material examined: Artvin-Borçka, 15.08.1984, on the ground, (1). Aydın, 09.11.1983, on the ground, (1). Bursa, Uludağ, 1400 m., 01.08.1969, (1); 02.08.1969, (1) (Leg. G. Ledoux). Elaziğ, 13.06.1972, weeds, (1). İzmir-Bornova, 08.11.1963, on the ground, (5); 15.01.1972, in the log, (1); 15.03.1984, under stone, (1); 10.05.1984, weeds, (1), Pınarbaşı, 03.05.1962, (1); Foça, 19.04.1972, on the ground, (1); Kemalpaşa, 23.05.1970, *Prunus armeniaca*, (1); Menderes, Gümüldür, Gümüşsu, 23.12.1971, under stone, (2); Menemen, 20.10.1981, (2); Urla, 28.01.1972, under stone, (1). Manisa, July 1962, (1).

Nebria (Nebria) fischeri fischeri Faldermann, 1835

Material examined: Gümüşhane, Soğanlı, 2500 m., 19.08.1970, (1), (leg. & det. G. Ledoux as *Nebria heinzi*). Rize, Çamlıhemşin, Çat, July 1972, (1), (leg. & det. G. Ledoux as *Nebria hyantis*); Ovit, 3000 m., 14.08.1970, (2), (leg. & det. G. Ledoux as *Nebria hyantis*).

Nebria (Nebria) mandibularis Bates, 1872

Material examined: Hakkari, Cilo Dağı, 2700 m., 13.08.1971, (2) (leg. & det. G. Ledoux).

Nebria (Nebria) oramarensis Shilenkov & Heinz, 1984

Material examined: Hakkari, Sat Dağı, Oramar, 2000-2900 m., 24.07.1975, (2). 1 paratype+1 other.

Subfamily Omophroninae

Tribus Omophronini

Omophron Latreille, 1802

Omophron (Omophron) rotundatum Chaudoir, 1852

Material examined: Trabzon-Ortahisar, Çukurçayır, 02.06.1974, under stone, (4), (det. M. Pavesi).

Subfamily Panagaeinae

Tribus Panagaeini

Subtribus Panagaeina

Panagaeus Latreille, 1802

Panagaeus (Panagaeus) cruxmajor (Linnaeus, 1758)

Material examined: Kars, 17.06.1973, (1).

Subfamily Patrobinae

Tribus Patrobini

Deltomerus Motschulsky, 1850*Deltomerus (Deltomerus) balachowskyi* Ledoux, 1976

Material examined: Hakkari, Cilo Dağı, 2700 m, 10.08.1971, (1); Cilo Dağı, 2800 m, 15.08.1971, (1). 2 paratypes.

Deltomerus (Deltomerus) dinci Ledoux, 1976

Material examined: Rize, Ovit, 15.08.1970, 3000 m., (1); 14.08.1972, 3000 m., (1). 2 paratypes.

Deltomerus (Deltomerus) lodosi Ledoux, 1976

Material examined: Hakkari, Cilo Dağı, 2700 m, 10.08.1971, (2) (leg. G. Ledoux). 2 paratypes.

Subfamily Platyninae

Tribus Platynini

Agonum Bonelli, 1810*Agonum (Agonum) antennarium* (Duftschmid, 1812)

Material examined: Giresun-Bicik, 1500 m., 01.08.1970, (1). İzmir-Ödemiş, 29.12.1971, under stone, (1), (det. M. Pavesi). Konya-Ermenek, 03.07.1980, *Prunus* sp., (2), (det. G. Ledoux). Ordu-Mesudiye, 14.07.1978, under stone, (12), (det. G. Ledoux).

Agonum (Agonum) sordidum Dejean, 1828

Material examined: İzmir-Çeşme, 09.12.1971, on the ground, (2); Menderes, Gümüldür, 23.12.1971, *Prunus persica*, (3); 20.01.1972, under stone, (4); Ödemiş, 18.12.1971, *Centaurea* sp., (1), (det. M. Pavesi).

Agonum (Olisares) viridicupreum (Goeze, 1777)

Material examined: İzmir-Bornova, 22.04.1962, (1), (det. G. Ledoux). Mardin-Ömerli, Çınaraltı, 12.06.1972, (1), (det. W. Heinz).

Anchomenus Bonelli, 1810*Anchomenus (Anchomenus) dorsalis* (Pontoppidan, 1763)

Material examined: Artvin-Borçka, 27.08.1971, *Acer* sp., (26); Taraklı, 27.08.1971, (2); Taraklı, 27.08.1971, on the ground, (8). Diyarbakır-Silvan, 16.06.1972, weeds, (1), (det. F. Hieke). İzmir-Ödemiş, Bozdağ, 06.06.1969, (1). Kars, 17.06.1973, (1).

Olisthopus Dejean, 1828*Olisthopus fuscatus* Dejean 1828

Material examined: İzmir-Menemen, Hatundere, 19.01.1972, under stone, (1), (det. M. Pavesi).

Olisthopus glabricollis (Germar, 1817)

Material examined: Balıkesir-Bigadiç, 21.04.1975, under stone, (1), (det. G. Ledoux as *Odontonyx glabricollis*). İzmir-Kiraz, 25.01.1972, under stone, (2), (det. M. Pavesi). Manisa-Gördes, 26.07.1984, *Salix* sp., (2), (det. G. Ledoux as *Odontonyx glabricollis*). Sinop, 06.06.1980, under *Poterium* sp., (1), (det. G. Ledoux as *Odontonyx glabricollis*).

Olisthopus rotundatus (Paykull, 1798)

Material examined: Artvin-Borçka, 15.08.1984, on the ground, (1), (det. G. Ledoux as *Odontonyx rotundatus*).

Tribus Sphodrini

Subtribus Calathina

Calathus Bonelli, 1810*Calathus (Amphyginus) deyrollei* (Gautier Des Cottes, 1870)

Material examined: Giresun-Dereli, Yavuzkema, 1800 m., 01.08.1970, (det. & leg. G. Ledoux).

Calathus (Calathus) fuscipes (Goeze, 1777)

Material examined: Adana, Pozantı, 01.06.1984, poaceous plants, (1), (det. G. Ledoux). Ağrı, Cumaçay, 12.05.1974, under stone, (3), (det. G. Ledoux). Aksaray, 30.05.1973, *Pyrus elaeagrifolia*, (1), (det. W. Heinz); 01.05.1979, on the ground, (1),

(det. G. Ledoux). **Ankara-Yenimahalle**, 16.06.1986, (5). **Antalya-Manavgat**, 20.04.1984, on the ground, (1), (det. G. Ledoux); Side, 17.04.1973, on the ground, (1). **Aydın-Didim**, 09.06.1973, (1). **Balıkesir-Dursunbey**, 18.05.1971, *Myrtus* sp., (1). **Bilecik-Gölpazarı**, 28.05.1971, *Rubus* sp., (1); **Söğüt**, 06.05.1973, *Centaurea* sp., (1). **Bolu**, 14.07.1979, weeds, (1). **Bursa-İznik**, 20.07.1972, *Vitis vinifera*, (1). **Diyarbakır-Silvan**, 16.06.1972, under stone, (1), Karacadağ, 07.08.1971, (7), (det. G. Ledoux). **Düzce**, 15.07.1979, on the ground, (3), (det. G. Ledoux). **Isparta-Eğridir**, 27.04.1972, *Prunus dulcis*, (1). **İzmir**, Yamanlar Dağı, 30.07.1973, pitfall, (2); **Bornova**, 18.03.1962, (1); July 1964, (1); July 1965, (1); 28.04.1971, on the ground, (1); 21.05.1971, (2); **Karaburun**, Mordoğan, Temmuz1973, on the ground, (1); **Menemen**, Hatundere, 29.05.1972, *Prunus armeniaca*, (1); **Ödemiş**, 25.04.1973, *Rumex* sp., (1); Bozdağ, 24.05.1972, *Alnus* sp., (1). **Karabük-Safranbolu**, 29.05.1980, under stone, (1), (det. G. Ledoux). **Kastamonu-Devrekani**, 04.06.1980, under stone, (1). **Konya**, Beyşehir, 23.04.1979, under stone, (1), (det. G. Ledoux). **Kütahya**, 02.05.1973, (1); **Tavşanlı**, 10.05.1971, (1). **Malatya-Yeşilyurt**, Gündüzbey, 07.05.1983, *Medicago sativa*, (1). **Mersin-Gülнар**, 24.06.1984, under stone, (1), (det. G. Ledoux). **Muğla-Dalaman**, 04.05.1972, *Paliurus spinachristi*, (1); **Marmaris**, 06.06.1973, on the ground, (1). **Osmaniye**, 02.06.1972, *Cupressus* sp., (1). **Tokat-Almus**, 02.07.1978, under stone, (1), (det. G. Ledoux).

***Calathus (Calathus) jureceki* Mañan, 1939**

Material examined: Bursa, Uludağ, 18.07.1972, weeds, (1), (det. W. Heinz).

***Calathus (Calathus) libanensis pluriseriatus* (Putzeys, 1873)**

Material examined: Diyarbakır, Karacadağ, 07.08.1971, (1), (det. G. Ledoux as *Calathus pluriseriatus*).

***Calathus (Calathus) longicollis* Motschulsky, 1865**

Material examined: Aydın, 15.10.1983, weeds, (1). **İzmir-Bornova**, 26.10.1983, under stone, (1); 11.11.1983, under stone, (2); 15.03.1984, weeds, (1); 13.04.1984, under stone, (1); 28.04.1984, weeds, (1), (det. M. Pavesi); 10.05.1985, on the ground, (2); **Karaburun**, Mordoğan, 12.03.1984, on the ground, (1); 13.05.1984, on the ground, (1); **Kınık**, 02.09.1971, under stone, (2); **Menemen**, 20.10.1981, (1); **Ödemiş**, 24.01.1972, under stone, (1).

***Calathus (Calathus) syriacus* Chaudoir, 1863**

Material examined: Adana-Pozanti, 01.06.1984, poaceous plants, (1), (det. G. Ledoux). **Ankara-Yenimahalle**, 16.06.1986, (4). **Diyarbakır**, Karacadağ, 07.08.1971, (2), (det. M. Pavesi). **Malatya**, 07.07.1983, weeds, (1), (det. M. Pavesi).

***Calathus (Neocalathus) ambiguus* (Paykull, 1790)**

Material examined: Afyon-İncehisar, 14.06.1972, *Rhododendron* sp., (1), (det. F. Hieke). **Denizli**, Pamukkale, 15.04.1973, on the ground, (2), (det. W. Heinz). **Kastamonu-Devrekani**, 19.06.1979, under stone, (1), (det. G. Ledoux).

***Calathus (Neocalathus) femoralis* Chaudoir, 1866**

Material examined: Giresun, Soğanlı, 18.08.1970, 2500 m., (1), (leg. & det. G. Ledoux).

***Calathus (Neocalathus) melanocephalus* (Linnaeus, 1758)**

Material examined: Afyon-Karagöl, 12.06.1972, *Vicia sativa*, (1), (det. F. Hieke). **Ankara**, 21.06.1971, (2), (det. F. Hieke). **Balıkesir-Sındırgı**, 17.5.1971, *Quercus* sp., (1), (det. G. Ledoux). **Bolu-Mengen**, 26.05.1980, on dung, (1), (det. G. Ledoux). **İzmir-Bornova**, Yeşilova, 12.06.1973, under stone, (2); **Dikili**, 24.05.1973, *Verbascum* sp., (1); **Ödemiş**, 14.05.1973, *Ulmus* sp., (1); Bozdağ, 13.04.1978, on the ground, (3), (det. G. Ledoux); Bozdağ, 24.05.1984, *Prunus domestica*, (1), (det. F. Hieke). **Kastamonu-Küre**, 04.06.1980, under stone, (1), (det. G. Ledoux). **Kayseri-Çırgalan**, 01.06.1973, weeds, (1); **Hisarcık**, 01.06.1973, *Prunus dulcis*, (3). **Konya-Seydişehir**, 24.04.1979, under stone, (2), (det. G. Ledoux). **Kütahya**, Seyitömer, 1220 m., 22.05.1971, *Pinus* sp., (1), (det. G. Ledoux). **Manisa-Soma**, 14.05.1973, weeds, (1). **Mersin-Gülнар**, 24.05.1984, under stone, (1), (det. G. Ledoux). **Sinop**, 05.06.1986, under *Poterium* sp., (2), (det. G. Ledoux). **Tokat**, 02.07.1978, on the ground, (2), (det. G. Ledoux). **Trabzon-Kavala**, 08.06.1973, *Ulmus* sp., (1). **Uşak**, 10.06.1972, *Rubus* sp., (3), (det. F. Hieke); 16.06.1972, *Rubus* sp., (3).

***Calathus (Neocalathus) mollis* (Marsham, 1802)**

Material examined: İzmir-Balçova, İnciraltı, 24.02.1972, under stone, (1), (det. M. Pavesi); Bornova, 20.06.1961, (1); **Seferihisar**, Ürkmez, 23.12.1971, on the ground, (1).

Thermoscelis* Putzeys, 1873**Thermoscelis insignis* Chaudoir, 1846**

Material examined: Rize-Çamlıhemşin, Çat, 08.08.1970, (1), (leg. & det. G. Ledoux); Pazar, İlca, 1500 m., May, 1970, (1), (leg. S. Breuning & det. M. Pavesi).

Subtribus Dolichina***Dolichus* Bonelli, 1810*****Dolichus halensis* (Schaller, 1783)**

Material examined: İzmir, Yamanlar Dağı, 30.07.1973, pitfall trap, (1) (det. W. Heinz).

Subtribus Sphodrina***Laemostenus* Bonelli, 1810*****Laemostenus (Laemostenus) venustus* (Dejean, 1828)**

Material examined: Burdur, 13.07.1963, weeds, (1), (det. M. Pavesi).

***Laemostenus (Pristonychus) asiaeminoris* Casale, 1988**

Material examined: Bursa, Uludağ, 31.07.1969, (1), (det. M. Pavesi).

***Laemostenus (Pristonychus) conspicuus* (Waltl, 1838)**

Material examined: İzmir, 08.05.1980, weeds, (1); Bornova, 01.04.1962, (1); 11.11.1983, under stone, (1); Seferihisar, 28.12.1971, under stone, (1).

Subfamily Pterostichinae**Tribus Pterostichini****Subtribus Poecilina*****Poecilus* Bonelli, 1810*****Poecilus (Ancholeus) puncticollis* (Dejean, 1828)**

Material examined: Konya-Bozkır, 24.04.1979 under stone, (1), (det. G. Ledoux as *Ancholeus puncticollis*).

***Poecilus (Poecilus) cupreus* (Linnaeus, 1758)**

Material examined: Afyonkarahisar-Bolvadin, 01.05.1973, *Salix* sp., (1), (det. W. Heinz). Ankara-Gölbaşı, Moğan, 16.08.1982, light trap, (1), (det. G. Ledoux). Antalya-Elmalı, Avlan, 06.04.1984, on the ground, (1), (det. G. Ledoux). Artvin-Murgul, Petek, 20.08.1971, (4), (det. G. Ledoux). Isparta-Senirkent, 26.04.1972, *Prunus dulcis*, (1), (det. F. Hieke). İzmir-Bornova, 25.02.1972, under stone, (2); Menderes, Gümüldür, Gümüştü, 23.02.1972, under stone, (1); Menemen, Hatundere, 19.01.1972, under stone, (1), (det. M. Pavesi). Konya-Akşehir, 22.04.1979, under stone, (2), (det. G. Ledoux).

***Poecilus (Poecilus) korbi* (Tschitscherine, 1893)**

Material examined: Bolu, Gerede, Yenick Çayı, 21.08.1969, (det. M. Pavesi).

Subtribus Pterostichina***Pterostichus* Bonelli, 1810*****Pterostichus (Haplomaseus) woronowi* (Lutshnik, 1916)**

Material examined: Artvin-Murgul, Akarşen, 1400 m., 07.09.1971, on the ground, (1); Başköy, 1800 m, 12.09.1971, (1).

***Pterostichus (Haptoderus) acrogonus* (Chaudoir, 1843)**

Material examined: Bursa, Uludağ, 02.08.1969, (2), (det. M. Pavesi as *Haptoderus acrogonus*).

***Pterostichus (Haptotapinus) bythiniensis* (Maran, 1944)**

Material examined: Bursa, Uludağ, 02.08.1969, (1), (det. M. Pavesi).

***Pterostichus (Myosodus) lacunosus* (Chaudoir, 1844)**

Material examined: Gümüşhane, Soğanlı, 1500 m., 18.08.1970, (1), (det. M. Pavesi).

***Pterostichus (Platysma) niger niger* (Schaller, 1783)**

Material examined: Bolu, 07.08.1969, (1) (as *Platysma nigrum*).

***Pterostichus (Pseudomaseus) anthracinus* (Illiger, 1798)**

Material examined: Bolu, Abant, 07.08.1969, (1), (as *Platysma anthracinus*).

***Pterostichus (Pseudomaseus) minor* (Gyllenhal, 1827)**

Material examined: Bolu, Abant, 07.08.1969, (1), (as *Platysma minus*).

Tapinopterus Schaum, 1858***Tapinopterus (Molopsis) molopinus* (Chaudoir, 1868)**

Material examined: Bursa, Uludağ, 31.05.1971, 1820 m., *Verbascum* sp., (7).

***Tapinopterus (Nesosteropus) laticornis* (Fairmaire, 1856)**

Material examined: Antalya-Elmalı, June 1970, (2).

Tribus Zabrini***Amara Bonelli, 1810******Amara (Amara) aenea* (De Geer, 1774)**

Material examined: Artvin, 12.06.1973, weeds, (2), (det. F. Hieke); **Borçka**, 02.09.1971, (1), (det. G. Ledoux). **Aydın-Çine**, Madran, 03.07.1973, *Pyrus eleagnifolia*, (1), (det. F. Hieke). **Bilecik**, 24.05.1971, *Humulus lupulus*, (2), (det. G. Ledoux). **Bitlis**, 12.06.1976, weeds, (2), (det. G. Ledoux). **Bolu**, 06.08.1969, (2), (det. F. Hieke). **İzmir-Balçova**, İnciraltı, 07.05.1974, weeds, (1), (det. F. Hieke); **Bayındır**, 24.04.1973, *Centaurea* sp., (1), (det. F. Hieke); **Bornova**, 14.04.1962, *Pyrus communis*, (1); 19.04.1962, (1), (det. G. Ledoux); 24.04.1962, (1); 21.05.1971, (1); **Kiraz**, 25.01.1972, under stone, (1); **Menderes**, Gümüldür, Gümüüşsu, 23.12.1971, *Prunus persica*, (1); under stone, (1), (det. M. Pavesi); 20.01.1972, under stone, (1); **Menemen**, Hatundere, 29.05.1972, (1), (det. F. Hieke); **Ödemiş**, 25.04.1973, *Cydonia oblonga*, (1); *Ulmus* sp., (2), (det. F. Hieke); Bozdağ, 25.07.1974, roots of *Solanum tuberosum*, (2), (det. F. Hieke); **Selçuk**, 29.06.1971, *Citrullus lanatus*, (1), (det. F. Hieke). **Kırklareli-Lüleburgaz**, Türkgeldi, 22.07.1972, weeds, (1), (det. F. Hieke). **Kütahya**, 02.05.1973, *Prunus cerasus*, (2), (det. F. Hieke). **Muğla**, 06.06.1973, weeds, (1), (det. G. Ledoux). **Uşak**, 30.04.1973, *Medicago sativa*, (2), (det. F. Hieke).

***Amara (Amara) curta* Dejean, 1828**

Material examined: Rize-Çayeli, Kaçkar, 22.08.1973, weeds, (1), (det. F. Hieke).

***Amara (Amara) eurynota* (Panzer, 1796)**

Material examined: İzmir-Bornova, 21.12.1971, under stone, (1), (det. M. Pavesi).

***Amara (Amara) lucida* (Duftschmid, 1812)**

Material examined: Kütahya-Tavşanlı, Tunçbilek, 04.05.1973, cruciferous plants, (1).

***Amara (Amara) similata* (Gyllenhal 1810)**

Material examined: Artvin, 12.06.1973, weeds, (1), (det. F. Hieke). **Erzurum**, 15.06.1973, weeds, (5), (det. F. Hieke); **Erzurum-Kars**, 15.06.1973, *Medicago sativa* (1), (det. F. Hieke). **İzmir-Ödemiş**, Bozdağ, 27.07.1974, roots of *Solanum tuberosum*, (5), (det. F. Hieke).

***Amara (Bradytus) apricaria* (Paykull, 1790)**

Material examined: Ardahan, Bülbülen Plateau, 2400 m., 12.06.1973, (1). **Bursa**, Uludağ, 31.05.1971, *Verbascum* sp., 1820 m., (1); 20.11.1971, on the ground, (1). **Erzurum-Aşkale**, 16.06.1973, weeds, (1). **Kars**, 13.06.1973, *Onobrychis sativa*, (1); 13.06.1978, fabaceaeous plants, (2), (det. F. Hieke). **Kayseri**, Erciyes, 10.08.1976, under stone, (7), (det. G. Ledoux).

***Amara (Celia) montana* Dejean, 1828**

Material examined: Kütahya-Domaniç, 21.05.1971, on the ground, (1), (det. F. Hieke).

***Amara (Celia) tescicola* Zimmermann, 1832**

Material examined: Konya-Karapınar, 22.06.1968, (2), (det. F. Hieke).

***Amara (Leironotus) weiratheri* Baliani, 1935**

Material examined: Bursa, Uludağ, 20.11.1971, on the ground, (2), (det. F. Hieke).

***Amara (Paracelia) saxicola* Zimmermann, 1832**

Material examined: Kars, 13.06.1973, (1), (det. F. Hieke). **Konya-Karapınar**, Hotamış, 22.06.1968, (2), (det. F. Hieke).

***Amara (Paracelia) serdicana* Apfelbeck, 1904**

Material examined: Afyon-Incehisar, 14.06.1972, *Rhododendron* sp., (1), (det. F. Hieke).

***Amara (Zezea) reflexicollis reflexicollis* Motschulsky, 1845**

Material examined: Ağrı, 14.06.1973, weeds, (1), (det. F. Hieke).

Zabrus Clairville, 1806***Zabrus (Eutroctes) aurichalceus* (M. Adams, 1817)**

Material examined: Ardahan, Bülbülen Plateau 2400 m., 12.06.1973, (6), (det. W. Heinz); Yalnızçam, 2600 m., May 1970, (2), (leg. & det. S. Breuning as *Pelor aurichalceus*).

***Zabrus (Eutroctes) chalceus* Faldermann, 1836**

Material examined: Artvin, Karcal Dağı, Otingo, 2000-2800 m., 11.08.1978, (2), (det. W. Heinz).

***Zabrus (Pelor) asiaticus* Laporte de Castelnau, 1834**

Material examined: Adana-Tufanbeyli, 1200 m., 20.04.1978, (1), (det. W. Heinz). Aydın, 15.10.1983, weeds, (1); Kuşadası, 10.06.1982, *Rosa* sp., (2). Isparta-Obaönü, 20.06.1977, (1); 20.09.1967, (1). İzmir-Balçova, 15.08.1981, on the ground, (3); Bornova, 13.03.1962, (1); 05.04.1962, (1), (det. G. Ledoux); 22.05.1963, (1), (det. G. Ledoux); 06.10.1973, Pitfall trap, (1); 31.02.1974, *Triticum aestivum*, (1); 01.04.1974, *Hordeum vulgare*, (1); 28.11.1975, under stone, (1); 05.04.1976, weeds, (1); 30.05.1977, weeds, (1); 17.05.1978, weeds, (1); 20.05.1978, weeds, (1); 15.06.1978, on the ground, (2); 28.03.1980, on the ground, 25.09.1981, (1); 14.11.1981, on the ground, (2); 09.07.1982, (2); 15.03.1984, on the ground, (1); 31.03.1984, under stone, (2); 10.04.1984, on the ground, (1); 12.04.1984, weeds, (1); 13.04.1984, weeds, (1); 16.05.1984, on the ground, (1); Çamdibi, 25.05.1975, (1); Buca, 10.12.1983, on the ground, (1); Gazimür, 13.06.1977, weeds, (3); Kemalpaşa, 14.04.1972, on the ground, (1), (det. W. Heinz); Konak, Gültepe, 10.05.1977, on the ground, (3); Selçuk, 29.06.1971, *Citrullus lanatus*, (1); Tire, 03.06.1970, (1), (det. G. Ledoux); Torbalı, 19.10.1982, weeds, (1), (det. M. Pavesi). Manisa-Akhisar, 29.04.1974, *Triticum aestivum*, (1); Turgutlu, 16.04.1984, weeds, (2); Sultanyayla, 16.05.1973, Çitlenbik, (1). Muğla, 06.06.1973, on the ground, (1). Uşak, 04.05.1982, (1).

***Zabrus (Pelor) blapoides* (Creutzer, 1799)**

Material examined: Batman, 02.07.1975, (1), (det. W. Heinz). Diyarbakır-Çınar, Şükürlü, 15.04.1972, (1); Akçamak, 16.04.1972, (1), (det. W. Heinz).

***Zabrus (Pelor) corpulentus* Schaum, 1864**

Material examined: Çankırı, Ilgaz Dağı, 18.08.1965, 1800-2000 m., (1), (leg. & det. W. Heinz as *Zabrus staneki*). İzmir-Ödemiş, Bozdağ, 13.04.1978, on the ground, (1), (det. H. Freude).

***Zabrus (Pelor) damascenus* Reiche & Saulcy, 1855**

Material examined: Hatay-Yayladağı, 600-900 m, 02.04.1982, (3), (det. W. Heinz).

***Zabrus (Pelor) graecus orientalis* Apfelbeck, 1904**

Material examined: İzmir-Bornova, 07.08.1961, light trap, (1) (det. M. Pavesi); 19.10.1981, (1) (det. H. Freude); 10.04.1984, on the ground, (1); Buca, 19.05.1984, weeds, (1); Karaburun, Mordoğan, 02.05.1984, on the ground, (1).

***Zabrus (Pelor) iconiensis* Ganglbauer, 1905**

Material examined: Konya-Karapınar, 12.06.1965, (1); Sarayönü, Gözülü, 14.06.1961, (2). Niğde, 30.04.1979, under stone, (1).

***Zabrus (Pelor) kraatzii* Andujar & Serrano, 2000**

Material examined: Batman, 24.06.1975, *Triticum aestivum*, (3). Elazığ-Mastar, 24.04.1982, *Astragalus* sp., (2), (Det. N. Lodos as *Zabrus rugulosus*). Diyarbakır-Çınar, 17.04.1972, (1).

***Zabrus (Pelor) melancholicus* Schaum, 1864**

Material examined: Ankara-Polatlı, Devlet Üretme Çiftliği, 23.03.1983, (1). İzmir-Kemalpaşa, 09.04.1964, (1). Karaman-Bucakkışla, 26.04.1979, under stone, (2). Manisa, July 1962, (2); Salihli, 03.12.1968, (2); 13.01.1974, (9) (det. M. Pavesi); 28.11.1984, (3). Niğde-Bor, 30.04.1979, under stone, (1).

***Zabrus (Pelor) pentheri* Ganglbauer, 1905**

Material examined: Kayseri, Erciyes Dağı, 1600 m., 20.04.1980, (1), (det. W. Heinz).

***Zabrus (Pelor) politus* Gautier des Cottés, 1869**

Material examined: Ankara-Polatlı, Devlet Üretme Çiftliği, 05.06.1980, (1). Antalya-Alanya, Seki, 09.06.1973, (1) (det. W. Heinz); Serik, Aspendos, 17.04.1973, on the ground,

(1). **Bahkesir-Sındırgı**, 21.04.1975, on dung, (1). **Isparta-Eğirdir**, Kovada, 11.06.1973, on the ground, (1). **İzmir**, 03.06.1960, under stone, (1); **Bornova**, 20.04.1962, (1); 12.04.1976, weeds, (1); **Kemalpaşa**, 09.04.1962, (1) (det. M. Pavesi). **Karaman-Bucakışla**, 26.04.1979, under stone, (3). **Konya-Ermenek**, 27.04.1979, under stone, (1). **Manisa-Akhisar**, 15.01.1975, *Triticum aestivum*, (1); **Salihli**, 06.05.1988, weeds, (1). **Muğla**, 23.05.1974, *Triticum aestivum*, (3).

***Zabrus (Pelor) rotundicollis* Ménériés, 1836**

Material examined: Manisa, July 1962, (2), (det. W. Heinz).

***Zabrus (Pelor) segnis* Schaum, 1864**

Material examined: Bursa, Uludağ, 03.08.1969, 2200 m., (1), (det. M. Pavesi); May 1970, (1).

***Zabrus (Pelor) socialis* Schaum, 1864**

Material examined: Bursa, Uludağ, 03.08.1969, 2200 m., (1).

***Zabrus (Pelor) spectabilis* Hampe, 1852**

Material examined: Gümüşhane-Torul, Zigana Dağı, 15.05.1967, (2), (det. M. Pavesi).

***Zabrus (Pelor) spinipes* (Fabricius, 1798)**

Material examined: Adıyaman, 20.05.1960, (1). **Ankara-Polatlı**, Devlet Üretme Çiftliği, 14.09.1981, (1). **Aydın**, 15.10.1983, weeds, (1) (det. M. Pavesi). **Batman**, 07.07.1975, (1); Kösetarla, 25.04.1972, (2). **Burdur**, Yeşilova, 03.08.1980, *Medicago sativa* (1). **Diyarbakır**, Karabaş, 09.04.1972, (1); **Lice**, Katinköy, 15.04.1972, (1). **Isparta**, Obaönü, 20.09.1967, (2). **Konya-Çumra**, 25.04.1979, under stone, (1); **Doğanhisar**, Deştiğin, 05.07.1980, *Verbascum* sp., (1). **Mardin-Mazıdağı**, 26.04.1972, (1).

***Zabrus (Pelor) sublaevis* Ménériés, 1836**

Material examined: Eskişehir-Sivrihisar, 05.05.1979, under stone, (1), (det. H. Freude). **Kayseri-Kocasinan**, Himmetdede, 08.08.1979, under stone, (1), (det. H. Freude).

***Zabrus (Pelor) trinii* (Fischer von Waldheim, 1817)**

Material examined: Çankırı, Ilgaz Dağı, 1800 m., 17.05.1967, (2), (leg. & det. W. Heinz).

***Zabrus (Pelor) trinii anatolicus* Ganglbauer, 1915**

Material examined: Erzurum-İspir-Ovacık, 22.08.1972, 2400 m., (1), (leg. & det. W. Heinz as *Zabrus anatolicus*).

***Zabrus (Zabrus) melancholicus heinzi* Jedlicka, 1965**

Material examined: Giresun, Eğribel, 2000 m., May 1970, (1), (det. N. Lodos as *Zabrus heinzi*).

***Zabrus (Zabrus) tenebrioides* (Goeze, 1777)**

Material examined: Adıyaman, 20.05.1960, (1). **Diyarbakır**, 20.05.1970, *Triticum aestivum*, (1), (det. M. Pavesi); **Silvan**, 16.06.1972, under stone, (1). **Eskişehir**, Yenikapın, 09.09.1975, (1). **Hatay-Hassa**, 20.05.1982, *Triticum aestivum*, (1). **Muş**, 15.07.1972, *Triticum aestivum*, (1).

Subfamily Scaritinae

Tribus Clivinini

Subtribus Clivinina

***Clivina* Latreille, 1802**

***Clivina (Clivina) fossor* (Linnaeus, 1758)**

Material examined: Bolu, Abant, 07.08.1969, (1). **Konya-Akşehir**, 22.04.1979, under stone, (1) (det. G. Ledoux).

Tribus Scaritini

Subtribus Scaritina

***Distichus* Motschulsky, 1857**

***Distichus (Distichus) planus* (Bonelli, 1813)**

Material examined: İzmir-Seferihisar, Sığacık, 23.12.1971, under stone, (1), (det. M. Pavesi as *Scarites planus*). **Muğla**, 05.06.1976, on the ground, (1); **Dalaman**, 22.07.1966, *Sesamum indicum*, (1) (det. G. Ledoux as *Scarites planus*).

***Parallelomorphus* Motschulsky, 1850**
***Parallelomorphus subcylindricus* (Chaudoir, 1843)**

Material examined: İzmir-Menderes, Gümüldür, Gümüştü, 20.01.1972, under stone, (1), (det. M. Pavesi as *Scarites (Parallelomorphus) subcylindricus*).

Subfamily Trechinae

Tribus Bembidiini

Subtribus Bembidiina

***Asaphidion* Gozis, 1886**

***Asaphidion caraboides* (Schrank 1781)**

Material examined: İzmir-Ödemiş, Bozdağ, 06.06.1969, (1) (Det. G. Ledoux).

***Asaphidion flavipes* (Linnaeus, 1761)**

Material examined: Artvin, Çoruh Valley, 08.09.1971, on the roots of *Juglans regia*, (3); *Tamarix* sp., (1) (det. G. Ledoux).

***Bembidion* Latreille, 1802**

***Bembidion (Trepanes) octomaculatum* (Goeze, 1777)**

Material examined: Afyon, 12.06.1972, meadow, (1), (det. F. Hieke).

***Metallina* Motschulsky, 1850**

***Metallina (Metallina) lampros* (Herbst, 1784)**

Material examined: Artvin-Murgul, Balıklıdağ 1500 m, 10.09.1971, (5); Başköy, 900 m., 12.09.1971, (1). **Gümüşhane**, 09.07.1978, weeds, (1). **Mersin-Anamur**, 23.05.1984, weeds, (1) (det. G. Ledoux).

***Notaphus* Dejean, 1821**

***Notaphus (Notaphus) varius* (Olivier, 1795)**

Material examined: Aksaray, Mamasın, 30.04.1979, light trap, (1), (det. G. Ledoux).

***Princidium* Motschulsky, 1864**

***Princidium (Testedium) bipunctatum* (Linnaeus, 1761)**

Material examined: Bursa, Uludağ, 02.08.1969, (2) (det. G. Ledoux).

Tribus Trechini

Subtribus Trechina

***Trechus* Clairville, 1806**

***Trechus (Trechus) hurrita* (Pavesi & Sciaky, 1990)**

Material examined: Hakkari-Yüksekova, Cilo Dağı, 3000-3100 m., 16.08.1988, (1), paratype, (leg. & det. M. Pavesi).

***Trechus (Trechus) quadristriatus* (Schrank, 1781)**

Material examined: Bolu, Abant, 23.08.1969, (2), (det. M. Pavesi). **Diyarbakır**, Karacadağ, 1900 m., 12-26.04.1981, on snow, (3), (det. M. Pavesi). **İzmir-Bornova**, 08.01.1972, under the bark of *Olea europae*, (1); 11.01.1972, under stone, (1); 31.01.1972, under stone, (1); **Menderes**, Cumaovası, 20.01.1972, under the bark of *Pyrus communis*, (1), (det. R. Sciaky).

ACKNOWLEDGEMENTS

This paper has been dedicated to the late Prof. Dr. Niyazi LODOS, Prof. Dr. Feyzi ÖNDER, Assoc. Prof. Dr. Ruşen ATALAY who are the supervisors and colleagues of authors. The authors would like to thank to Assoc. Prof. Dr. Enis ERKİN and Sami AKSOY for field works. Thanks also to Dr. Nilay Gülperçin and Mrs. Sevilay Koçluk for their time in the preparation of this contribution. Support for this study was provided by TUBITAK (The Scientific and Technical Research Council of Turkey (Project numbers TOAG 168, 336, 502).

LITERATURE CITED

- Andujar, A. & Serrano, J.** 2000. Taxonomic notes on the genus *Zabrus* (Coleoptera: Carabidae: Zabrinini). Boln. Asoc. Esp. Ent., 24 (1-2): 185-193.
Anonymous, 2018. Fauna Europaea. <https://fauna-eu.org/> (Date of access: 10.01.2018).

- Avgn, S. S.**, 2011. New Taxa of *Calathus* Bonelli, 1810 with a taxonomic review of the species of the Amanos Mountains, Turkey (Coleoptera, Carabidae). Transactions of the American Entomological Society, 137 (1-2): 49-58.
- Avgn, S. S. & Cavazzuti, P.** 2011. The studies made on Turkish Carabinae with checklist and bibliography (Coleoptera: Carabidae). Turkish Journal of Zoology, 35 (3): 403-432.
- Avgn, S. S. & Emre, İ.** 2007. A check-list of Nebriini (Coleoptera: Carabidae) from Turkey and species belonging to Nebriini tribe collected from Kahramanmaraş and the surrounding province. International Journal of Natural and Engineering Sciences, 1: 35-43.
- Avgn, S. S. & Emre, İ.** 2008. Some Carabinae (Coleoptera: Carabidae) from Kahramanmaraş and surrounding towns, in South Central Turkey. Entomological News, 119 (2): 151-170.
- Avgn, S. S. & Prunier, D.** 2007. Description d'une nouvelle sous-espece de *Procerus* de Turquie meridionale. Le Coleopteriste, 10 (2): 83-86.
- Avgn, S. S. & Prunier, D.** 2010. Contribution to the taxonomy of the Genus *Cychnus* Fabricius, 1794 (Coleoptera: Carabidae) from Turkey and their relations with *Cychnus* species from Balkans to Caucasus. Türkiye Entomoloji Dergisi, 34 (3): 307-322.
- Čatloš, D. & Moravec, F.** 1999. Two new subspecies of the genus *Carabus* from southern Turkey. Acta Entomologica Slovenica, 7: 109-118.
- Cavazzuti, P.** 1999. Nuovi *Cychnus* F. della Cina e un nuovo *Carabus* L. (*Lamprostus*) dell'Anatolia. (Coleoptera, Carabidae). Lambillionea, 99 (3): 402-409.
- Cavazzuti, P.** 2003. Carabini della Turchia. Descrizione di tre nuove sottospecie del genere *Carabus* e una di *Cychnus* dell'Anatolia occidentale e settentrionale (Coleoptera, Carabidae). Coleopteres, 9 (2): 9-17.
- Cavazzuti, P.** 2006. Faune des Carabinae de Turquie. Magellanes, Collection Systematique, 13, 155 pp.
- Deuve, T. & Kesdek, M.** 2013. Note sur quelques nouveaux *Carabus* de l'Anatolie occidentale et des îles proches (Coleoptera, Carabidae). Coleopteres, 19: 41-49.
- Fidan, E. C., Şirin, Ü., Kısım, E., Destire, C. & Çalıřkan, H.** 2014. Contribution to the knowledge of Carabidae fauna from Eskişehir Osmangazi University Meşelik Campus. Munis Entomology & Zoology, 9 (1): 258-265.
- Kesdek, M.** 2008. Contribution to the knowledge of Carabidae fauna of Turkey. Part 9: Callistini and Licinini (Coleoptera, Carabidae, Callistinae). Linzer Biologische Beitrage, 40 (2): 1579-1584.
- Kesdek, M.** 2010. Contribution to the knowledge of Carabidae fauna of Turkey. Part 10: Apotomini, Broscini (Broscinae), Tachyini and Trechini (Trechinae) (Coleoptera, Carabidae). Linzer Biologische Beitrage, 42 (1): 743-748.
- Kesdek, M.** 2012. A contribution to the knowledge of the Carabidae (Coleoptera) fauna of Turkey. Acta Biol. Univ. Daugavp., 12 (1): 55-62.
- Kesdek, M.** 2013. Contributions to the knowledge of the genus *Harpalus* Latreille, 1802 fauna of Turkey (Coleoptera: Carabidae: Harpalinae). Munis Entomology & Zoology, 8 (1): 191-198.
- Kesdek, M. & Yıldırım, E.** 2004a. Contribution to the knowledge of Carabidae fauna of Turkey. Part 1: Harpalini (Coleoptera, Carabidae, Harpalinae). Linzer Biologische Beitrage, 35 (2): 1147-1157.
- Kesdek, M. & Yıldırım, E.** 2004b. Contribution to the knowledge of Carabidae fauna of Turkey. Part 2: Platynini (Coleoptera, Carabidae). Linzer Biologische Beitrage, 36 (1): 527-533.
- Kesdek, M. & Yıldırım, E.** 2007a. Contribution to the knowledge of the Carabidae fauna of Turkey. Part 3: Bembidiini (Coleoptera: Carabidae, Bembidiinae). Entomofauna, 28: 117-124.
- Kesdek, M. & Yıldırım, E.** 2007b. Contribution to the knowledge of Carabidae fauna of Turkey. Part 4: Dryptini, Lebiini and Zuphiini (Coleoptera: Carabidae, Lebiinae). Entomofauna, 28: 277-284.
- Kesdek, M. & Yıldırım, E.** 2007c. Contribution to the knowledge of Carabidae fauna of Turkey, Part 5: Brachinini (Coleoptera, Carabidae, Brachininae). Linzer Biologische Beitrage, 39 (2): 979-982.
- Kesdek, M. & Yıldırım, E.** 2008. Contribution to the knowledge of Carabidae fauna of Turkey. Part 7: Pterostichini (Coleoptera, Carabidae, Pterostichinae). Linzer Biologische Beitrage, 40 (1): 813-816.
- Kesdek, M. & Yıldırım, E.** 2010a. Contribution to the knowledge of Carabidae fauna of Turkey. Part 6: Notiophilini (Notiophilinae) and Platynini (Pterostichinae) (Coleoptera: Carabidae). Entomofauna, 31 (2): 5-16.
- Kesdek, M. & Yıldırım, E.** 2010b. Contribution to the knowledge of Carabidae fauna of Turkey. Part 8: Amarini (Coleoptera, Carabidae, Pterostichinae). Entomofauna, 31: 1-8.
- Kocatepe, N. & Mergen, O.** 2004. Ankara İli Carabidae (Coleoptera) familyası türleri üzerinde faunistik arařtırmalar. Türkiye Entomoloji Dergisi, 28 (4): 295-309.
- Küçükkayrı, E. C., Şirin, Ü., Çalıřkan, H. & Şenyüz, Y.** 2013. Some ground beetle (Carabidae) records from (Coleoptera) Kazdađları (İda Mountain). Biological Diversity and Conservation, 6 (2): 142-149.
- Lodos, N.** 1983. Türkiye faunasına ait Ekin kambur böcekleri, *Zabrus* Clairv. (Coleoptera: Carabidae) cinsinin yeniden gözden geçirilmesi. Türkiye Bitki Koruma Dergisi, 7: 51-63.
- Lodos, N.** 1989. Türkiye Entomolojisi IV. Ege Üniversitesi Ziraat Fakültesi Yayınları, No: 493: 250 pp.
- Özgen, İ., Topdemir, A. & Tanyıldızı, M. Ş.** 2017. Some ecological and faunistic notes on insect fauna in Şahaplı stream (Turkey: Elazığ: Baskil). Munis Entomology & Zoology, 12 (1): 362-364.