

NOTES ON LONGICORN BEETLES FAUNA OF TURKEY (COLEOPTERA: CERAMBYCIDAE)

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ABSTRACT: In the present paper specimens of the family Cerambycidae (Coleoptera) collection in the personal collection of Dr. Emine Demir (Ankara / Turkey) from Turkey were studied. New data are presented on Cerambycidae fauna in Turkey. The faunistic data on almost all species in the present paper add to the knowledge on their distribution in Turkey. As a result of the identification of these specimens three subspecies and forty nine species of thirty seven genera belonging to five subfamilies for Turkey, have been determined.

KEY WORDS: Prioninae, Lepturinae, Apatophyseinae, Cerambycinae, Lamiinae, Fauna of Turkey

Especially since the last century, the studies of longicorn beetles fauna of Turkey, were mainly as faunistic and taxonomic works.

In the present paper, the materials were collected by various collectors from different localities in Turkey in 1974, 1978, 1980-1985, 1991, 1993-1998, 2000-2004 and deposited in the personal collection of Dr. Emine Demir / Ankara / Turkey. All of the materials were identified by H. Özdikmen. In this article classification and nomenclature of the longhorn beetles suggested by Danilevsky, 2004 and Althoff & Danilevsky, 1997 are followed. Within the subfamilies all genera are listed mainly in the same order as in Danilevsky, 2004 and Althoff & Danilevsky, 1997. Within the genera the species are listed alphabetically. Each name of a species or subspecies is accompanied by the author's name and description date.

The data, Material and Remarks under the title for each species is given in the present text. The data under the title of Material are given according to the following format:

Kahramanmaraş⁽¹⁾: Pazarcık⁽²⁾, Bağdınısağır⁽³⁾, 1000 m⁽⁴⁾,
14.05.2003⁽⁵⁾, 1 specimen⁽⁶⁾, leg. H. Özdikmen⁽⁷⁾

(¹) Administrative district (Province); (²) Town; (³) Village; (⁴) Altitude;
(⁵) Collecting date (day/month/year); (⁶) Number of specimens; (⁷) The Collector.

Family Cerambycidae
Subfamily Prioninae

***Ergates gaillardoti* Chevrolat, 1854**

Material: Düzce: 1 specimen, leg. A. Acar; Antalya: Manavgat, Demirciler village, 15.08.1996, 1 specimen, leg. E. Demir.

Remarks: The species is new for Western Black Sea Region (Düzce province) and mostly distributed in South Turkey.

***Prinobius myardi* Mulsant, 1842**

Material: Çanakkale: Gökçeada, 220 m, 01.08.2004, 1 specimen, leg. S. Seven.

Remarks: The species is new for Çanakkale province and apparently distributed in North and West Turkey and also the West half of South Turkey.

***Aegosoma scabricorne* (Scopoli, 1763)**

Material: Samsun: Çarşamba, 7-8.1998, 1 specimen; Turkey: 1 specimen without label.

Remarks: The species is new for Samsun province and probably more or less widely distributed in Turkey.

***Prionus coriarius* (Linnaeus, 1758)**

Material: Bolu: Abant, 1200 m, 01.08.1980, 1 specimen, leg. A. Koçak; Kırıkkale: Sulakyurt, Özdere, 1100 m, 07.08.1994, 1 specimen, leg. S. Seven.

Remarks: The species is new for Bolu and Kırıkkale provinces and probably more or less widely distributed in Turkey.

***Mesoprionus besicanus* (Fairmaire, 1855)**

Material: Kırıkkale: Sulakyurt, Özdere, 1100 m, 07.08.1994, 1 specimen, leg. S. Seven; Antalya: Manavgat, Demirciler village, 15-31.07.1996, 2 specimens, leg. E. Demir; Ankara: Kalecik, Yeşildere, 1250 m, 24.05.2002, 1 specimen, leg. E. and S. Çalışkan.

Remarks: The species is new for Ankara and Kırıkkale provinces and probably more or less widely distributed in Turkey (mostly in West and South-West including Turkey).

Subfamily Lepturinae

***Cortodera flavimana* (Waltl, 1838)**

Material: Bolu: Abant, 1300 m, 28.05.1995, 12 specimens, leg. E. Demir; Ankara: Kızılcahamam, Işık Mountain, 1700 m, 03.06.1995, 10 specimens, leg. E. Demir.

Remarks: The species is widely distributed in Turkey.

***Pedostrangalia revestita* (Linnaeus, 1767)**

Material: Antalya: Alanya, Kargıcak, 17.06.1985, 1 specimen, leg. A. Koçak.

Remarks: In Turkey, It has been reported only two times as Antalya (Manavgat and Alanya) in Demelt & Alkan, 1962 and Gümüşane (Torul) in Gfeller, 1972.

***Rutpela maculata* (Poda, 1761)**

Material: Adana: Pozantı, Karataş, 1450 m, 08.07.1980, 2 specimens, leg. A. Koçak; Rize: Central, 1000 m, 07.1984, 1 specimen, leg. A. Koçak.

Remarks: The species is new for Adana province and apparently widely distributed in Turkey.

***Stenurella septempunctata* (Fabricius, 1792)**

Material: Ankara: Azapderesi, 1400 m, 07.07.1981, 1 specimen, leg. A. Koçak.

Remarks: The species is new for Ankara province and apparently widely distributed in North and Central Turkey.

***Pachytodes erraticus* (Dalman, 1817)**

Material: Ankara: Kızılcahamam, Işık Mountain, Yukarı Çanlı village, 1400 m, 11.07.1997, 2 specimens, leg. E. Demir.

Remarks: The species is widely distributed in Turkey.

***Paracorymbia fulva* (Degeer, 1775)**

Material: Adana: Pozanti, Karataş, 1450 m, 08.07.1980, 8 specimens, leg. A. Koçak.

Remarks: The species is new for Adana province and apparently mostly distributed in the West half of Turkey.

Subfamily Apatophyseinae***Apatophysis anatolica* Heyrovsky, 1938**

Material: Konya: Karapınar, 1000 m, 07.09.1980, 1 specimen, leg. A. Koçak.

Remarks: The species is endemic to Turkey. It has been recorded only one time (as Aksaray: Eskil in Adlbauer, 1992) since Heyrovsky, 1938. Apparently mostly distributed in Central Turkey.

Subfamily Cerambycinae***Icosium tomentosum atticum* Ganglbauer, 1881**

Material: Antalya: Manavgat, Demirciler, 20 m, 15-31.07.1996, 1 specimen, leg. E. Demir.

Remarks: The subspecies is distributed only in South Turkey.

***Trichoferus griseus* (Fabricius, 1792)**

Material: Antalya: Manavgat, 15.08.1995 and 25.08.1995, 2 specimens, leg. E. Demir; Antalya: Manavgat, 50 m, 12.07.1996 and 22.08.1996, 2 specimens, leg. E. Demir; Antalya: Manavgat, Titreyengöl, 31.08.1996, 1 specimen, leg. E. Demir; Antalya: Manavgat, Bucak, Şeyhler village, 18-28.06.1997 and 15-26.08.1997, 3 specimens, leg. E. Demir & L. Özden.

Remarks: The species is apparently mostly distributed in South and South-West Turkey.

***Trichoferus preissi* Heyden, 1894**

Material: Antalya: Manavgat, Sarılar village, 04.08.1996, 1 specimen, leg. E. Demir.

Remarks: The species is apparently distributed only in South Turkey.

***Stromatium unicolor* (Olivier, 1795)**

Material: Antalya: Manavgat, Demirciler village, 15-31.07.1996 and 15.08.1996, 3 specimens, leg. E. Demir; Antalya: Manavgat, Sülek village, 08.08.1996, 1 specimen, leg. E. Demir; Samsun: Çarşamba, 07.08.1998, 2 specimens.

Remarks: The species is apparently widely distributed in Turkey.

***Cerambyx* (s. str.) *dux* (Faldermann, 1837)**

Material: Kırklareli: İğneada, 100 m, 13.07.1993, 1 specimen, leg. A. Koçak.

Remarks: The species is new for Kırklareli province and apparently widely distributed in Turkey.

***Cerambyx* (s. str.) *miles* Bonelli, 1823**

Material: Bitlis: Reşadiye, 2000 m, 18.07.1974, 1 specimen, leg. A. Koçak.

Remarks: The species is new for Bitlis province and apparently mostly distributed in West and South Turkey.

***Cerambyx* (*Microcerambyx*) *scopolii* Fusslins, 1775**

Material: Kırklareli: İğneada, 100 m, 13.07.1993, 1 specimen, leg. A. Koçak.

Remarks: The species is apparently more or less widely distributed in Turkey.

***Purpuricenus budensis* (Gotz, 1783)**

Material: Antalya: Kemer, 20.03.1983 and 20.05.1983, 5 specimens, leg. A. Koçak; Kırkkale: Sulakyurt, 1100 m, 24.06.1995, 1 specimen, leg. A. Koçak & S. Seven; Antalya: Manavgat, Bucak, Şeyhler village, 45 m, 19.07.2001, 1 specimen, leg. E. Demir & L. Özden.

Remarks: The species is new for Kırkkale province and apparently widely distributed in Turkey.

***Purpuricenus desfontainei inhumeralis* Pic, 1891**

Material: Antalya: Kemer, 20.03.1983, 3 specimenS, leg. A. Koçak.

Remarks: This subspecies was mentioned only in Adlbauer. All other old records were given as *Purpuricenus desfontainei*. But, this species consist of two subspecies. One of them, *Purpuricenus desfontainei* ssp. *desfontainei* (Fabricius, 1792), distributes only in North Africa and the other, *Purpuricenus desfontainei* ssp. *inhumeralis* Pic, 1891, distributes in Greece, ?Bulgaria, Syria and Turkey. For this reason until now, all old records from Turkey must be *Purpuricenus desfontainei* ssp. *inhumeralis* Pic, 1891. Mostly distributed in South Turkey.

***Aromia moschata ambrosiaca* (Steven, 1809)**

Material: Antalya: Manavgat, 50 m, 17.06.1996, 2 specimens, leg. E. Demir.

Remarks: The subspecies that occurs in Europe, Caucasus, Transcaucasia, Turkey is apparently more or less widely distributed in Turkey. There are two subspecies of *Aromia moschata* in Turkey. The nominate *Aromia moschata moschata* and *Aromia moschata ambrosiaca* (Steven, 1809) (= *thoracica* Fischer, 1824). However, the exact distribution pattern of the subspecies in Turkey and the real status of these taxons still needs to be clarified.

***Paraclytus sexguttatus* (Adams, 1827)**

Material: Kırklareli: Demirköy, Temmuz, 1993, 1 specimen, leg. S. Seven; Bolu: Abant lake, Akçaalan, 1000 m, 13.06.1980, 1 specimen, leg. A. Koçak.

Remarks: The species is apparently distributed only in North Turkey. The species was given by Georgiew, 2003 from Strandzha Mountain in Bulgaria as a new record for Europe. In the present paper, the record of Kırklareli is another record for Europe. In Turkey, it has been reported only two times as Bolu (Abant) in Malmusi & Saltini, 2000 and Artvin (Saçınka) in Alkan, 2000.

***Neoplacionotus bobelayei* (Brulle, 1842)**

Material: Kırkkale: Kılınçlar, 950 m, 31.05.1995, 1 specimen, leg. S. Seven.

Remarks: The species is new for Kırkkale province and probably more or less widely distributed in Turkey.

***Paraplagionotus floralis* (Pallas, 1733)**

Material: Ankara: Çal Mountain, 1400 m, 30.06.1980, 1100 m, 24.05.1982, 10.07.1982, 1 specimen, 3 specimens, 1 specimen, leg. A. Koçak; Ankara: Azap Deresi, 1400 m, 07.07.1981, 1 specimen, leg. A. Koçak; Ankara: Kızılcahamam, Güvem, Bel Pınarı, 1300 m, 05.07.1997, 1 specimen, leg. E. Demir; Ankara: Kızılcahamam, Işık Mountain, Yukarı Çanlı, 1400 m, 11.07.1997, 1 specimen, leg. E. Demir.

Remarks: The species is apparently widely distributed in Turkey.

***Isotomus comptus* (Mannerheim, 1825)**

Material: Artvin: Hopa, 14.07.1974, 1 specimen, leg. Z. Hacıoeroğlu.

Remarks: The species is apparently distributed only in North-East Turkey. According to our literature survey, this species is only recorded by Tozlu *et al.*, 2002 from Artvin, Giresun, Gümüşhane, Ordu, Rize and Trabzon.

***Chlorophorus sartor* (Muller, 1766)**

Material: Antalya: Manavgat, Demirciler village, 15-31.07.1996, 1 specimen, leg. E. Demir.

Remarks: The species is apparently widely distributed in Turkey.

***Chlorophorus varius* (Muller, 1766)**

Material: Niğde: Ulukışla, 1200 m, 09.07.1980, 2 specimens; Antalya: Manavgat, 50 m, 12.07.1996, 6 specimens, leg. E. Demir; Antalya: Manavgat, Demirciler village, 15-31.07.1996, 18 specimens, leg. E. Demir.

Remarks: The species is apparently widely distributed in Turkey.

***Clytus rhamni* Germar, 1817**

Material: Ankara: Kızılcahamam, Işık Mountain, Yukarı Çanlı, 1400 m, 11.07.1997, 1 specimen, leg. E. Demir.

Remarks: The species is apparently widely distributed in Turkey.

***Clytus schurmanni* Sama, 1996**

Material: Ankara: Kızılcahamam, Soğuksu National Park, 1100 m, 06.06.1998, 1 specimen, leg. E. Demir; Ankara: Sincan, Mülk, Ayaş Mountain, 1000 m, 17.06.2000, 1 specimen, leg. E. Demir.

Remarks: There were many records for this species from Turkey before *Clytus schurmanni* was not described by Sama in 1996. For the present, only one (Artvin in Sama, 1982) from these old records belong to *Clytus schneideri*. Most probably the others belong to the species *Clytus schurmanni* Sama, 1996. Because, *Clytus schurmanni* distributes in the middle of North Turkey (to Tokat province) and *Clytus schneideri* distributes only in North-East Turkey (Tokat to Artvin) according to Sama, 1996. The species is known to occur only in Turkey.

Subfamily Lamiinae***Batocera rufomaculata* (Degeer, 1785)**

Material: Hatay: Arsus, 11.09.2002, 1 specimen, leg. L. Özden.

Remarks: The species is apparently distributed only in South Turkey.

***Morinus orientalis* (Reitter, 1894)**

Material: Ankara: Kızılcahamam, Soğuksu National Park, 1300 m, 27.06.1998, 1 specimen, leg. L. Özden.

Remarks: The species is apparently distributed only in North-western Turkey.

***Dorcadion atritarse* Pic, 1931**

Material: Çanakkale: Çan, 15.04.1991, 19 specimens, leg. A. Koçak.

Remarks: The species is new for Çanakkale province and distributed only in North-west Turkey.

***Dorcadion boluense* Breuning, 1962**

Material: Ankara: Çal Mountain, 14.04.1983, 1 specimen, leg. A. Koçak.

Remarks: This species is endemic to Turkey and distributed only in a local area in the North of Central Turkey.

***Dorcadion cinerarium* (Fabricius, 1787)**

Material: Ankara: Keçiören, Bağlum, 1200 m, 07.05.1996, 1 specimen, leg. E. Demir; Ankara: Çal Mountain, 14.04.1983, 1 specimen, leg. A. Koçak; Ordu: Perşembe, Çaytepe, 200 m, 06.07.1994, 1 specimen, leg. M. Özdemir.

Remarks: This species is represented by many subspecies in Turkey. The real status of distributional patterns of these taxa needs to be clarified.

***Dorcadion pararufipenne* Braun, 1976**

Materyal: Bolu: Abant, 1300 m, 28.05.1995, 2 specimens, leg. E. Demir.

Remarks: This species is endemic to Turkey and distributed only in a local area in North of Central Turkey.

***Dorcadion quadrimaculatum* Küster, 1848**

Materyal: Çanakkale: Çan, 15.04.1991, 1 specimen, leg. A. Koçak.

Remarks: This species is apparently distributed in Western Anatolia and European Turkey.

***Dorcadion scabricolle* Dalman, 1817**

Materyal: Ankara: Çal Mountain, 14.04.1983, 4 specimens, leg. A. Koçak.

Remarks: The species is apparently more or less widely distributed in Turkey.

***Acanthocinus aedilis* (Linnaeus, 1758)**

Material: Ankara: Demetevler, 03.07.1978, 1 specimen, leg. H. Urlu.

Remarks: The species is apparently widely distributed in Turkey.

***Oxyliia duponcheli* (Brulle, 1832)**

Material: Ankara: Çal Mountain, 1100 m, 04.07.1984, 1 specimen, leg. A. Koçak.

Remarks: The species is apparently more or less widely distributed in the West half of Turkey (except North).

***Helladia praetextata* (Steven, 1817)**

Material: Ankara: Kızılcahamam, Soğuksu National Park, 1150 m, 22.05.1997, 1 specimen, leg. E. Demir.

Remarks: The species is apparently more or less widely distributed in North Turkey. In Turkey there are two distinct subspecies: The nominate *Helladia praetextata praetextata* (Steven, 1817) is distributed around the Black Sea from Bulgaria and Romania to the Caucasus. *Helladia praetextata nigricollis* (Pic, 1902) is distributed only in South Turkey (İçel and Osmaniye provinces).

***Neomusaria merkli* (Ganglbauer, 1894)**

Material: Ankara: Çal Mountain, 1400 m, 30.06.1980, 1 specimen, leg. A. Koçak;

Ankara: Kızılcahamam, Soğuksu National Park, 1150 m, 22.05.1997, 1 specimen, leg. E. Demir.

Remarks: Apparently mostly distributed in Central and South Turkey. The species is endemic to Turkey and new for Ankara province. Adana: *-inapicalis* Pic, 1915 as a subspecies of *modesta*, it is a synonym of *merkli* (Ex. Sama, 1982).

***Phytoecia caerulea* (Scopoli, 1772)**

Material: Adana: Pozanti, 1200 m, 19.05.1981, 1 specimen, leg. V. Kartal.

Remarks: The species is apparently widely distributed in Turkey.

***Phytoecia icterica* (Schaller, 1783)**

Material: Ankara: Kızılcahamam, Soğuksu National Park, 1150 m, 25.05.1997, 1 specimen, leg. E. Demir.

Remarks: The species is new for Ankara province and apparently more or less widely distributed in Turkey. In Turkey there are two distinct subspecies: The nominate *Phytoecia icterica icterica* (Schaller, 1783) and *Phytoecia icterica annulipes* Mulsant, 1874. However, the exact distribution pattern of the subspecies in Turkey and the real status of these taxons still needs to be clarified.

***Phytoecia manicata* Reiche et Saulcy, 1858**

Material: Ankara: Kızılcahamam, Soğuksu National Park, 1100 m, 07.06.1997 and 14.06.1997, 2 specimens, leg. E. Demir.

Remarks: The species is apparently mostly distributed in West and South Turkey.

***Opsilia coerulescens* (Scopoli, 1763)**

Material: Ankara: Kızılcahamam, Soğuksu National Park, 1150 m, 25.05.1997, 1 specimen, leg. E. Demir; Ankara: Kızılcahamam, Güvem, Salin village, 1300 m, 14.06.1997, 1 specimen, leg. E. Demir; Ankara: Kızılcahamam, Güvem, Yenimahalle, 1250 m, 05.07.1997, 1 specimen, leg. E. Demir.

Remarks: The species is apparently widely distributed in Turkey.

***Blepisanis vittipennis* (Reiche, 1877)**

Material: Ankara: Sincan, Müilk, Ayaş Mountain, 1000 m, 17.06.2000, 1 specimen, leg. E. Demir.

Remarks: The species is apparently more or less widely distributed in Turkey.

***Calamobius filum* (Rossi, 1790)**

Material: Ankara: Kızılcahamam, Güvem, Yenimahalle, 1250 m, 05.07.1997, 3 specimens, leg. E. Demir; Ankara: Kızılcahamam, Güvem, Aköz village, 1150 m, 09.08.1997, 1 specimen, leg. E. Demir.

Remarks: The species is new for Ankara province and apparently mostly distributed in West and South Turkey.

***Synthapsia kirbyi* (Gyllenhal, 1817)**

Material: Adana: Pozanti, 900 m, 10.05.1981, 4 specimens, leg. A. Koçak; Ankara: Çal Mountain, 20.05.1983, 1 specimen, leg. A. Koçak; Ankara: Çal Mountain, 1100 m, 15.06.1984, 1 specimen, leg. A. Koçak.

Remarks: The species is apparently widely distributed in Turkey.

***Agapanthia* (s.str.) *cardui* (Linnaeus, 1767)**

Material: Adana: Pozanti, 1200 m, 19.05.1980, 1 specimen, leg. V. Kartal; Ankara: Sincan, Müilk, Ayaş Mountain, 1000 m, 22.05.2000, 5 specimens, leg. E. Demir.

Remarks: The species is apparently widely distributed in Turkey.

***Agapanthia* (*Agapanthiella*) *lateralis* Ganglbauer, 1884**

Material: Ankara: Çal Mountain, 1200 m, 01.06.1981, 1 specimen, leg. A. Koçak; Antalya: Kemer, 20.03.1983, 1 specimen, leg. A. Koçak; Ankara: Çal Mountain, 1100 m, 10.07.1982, 4 specimens, 15.06.1984, 13 specimens, 04.07.1984, 12 specimens, leg. A. Koçak; Ankara: METU, 1000 m, 15.06.1993, 3 specimens, leg. A. Koçak & S. Seven; Ankara: Beştepe, 25.05.1996, 2 specimens, leg. A. Koçak; Ankara: Kızılcahamam, Soğuksu National Park, 1200 m, 16.06.1996, 3 specimens, leg. E. Demir; Ankara: Kayaş, Bayındır dam env., 21.06.2003, 1 specimen, leg. Ö. Yalçın; Ankara: Beytepe, 10.07.1997, 1 specimen, leg. E. Demir.

Remarks: The species is apparently widely distributed in Turkey.

***Agapanthia* (*Smaragdula*) *violacea* (Fabricius, 1775)**

Material: Adana: Pozanti, 1200 m, 19.05.1981, 2 specimens, leg. V. Kartal.

Remarks: The species is apparently widely distributed in Turkey.

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