

**CONTRIBUTION TO THE KNOWLEDGE OF
TURKISH LONGICORN BEETLES FAUNA
(COLEOPTERA: CERAMBYCIDAE)**

Hüseyin Özdikmen*

* Gazi Üniversitesi, Fen-Edebiyat Fakültesi, Biyoloji Bölümü, 06500 Ankara / TÜRKİYE,
e-mail: ozdikmen@gazi.edu.tr

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ABSTRACT: In the present paper were studied specimens of the family Cerambycidae (Coleoptera) collection in personel collection of Dr. Hüseyin Özdikmen (Ankara / Turkey) from Turkey. New faunistic data is presented on Cerambycidae of Turkey. The faunistic data in the present paper on almost all species add to knowledge on their distribution in Turkey. As a result of identification of these specimens seven subspecies were determined and eighty four species of forty nine genera belonging to five subfamilies for Turkey. So, the present paper contributes to the knowledge of the longhorn beetles fauna of Asian Turkey and European Turkey.

KEY WORDS: Prioninae, Lepturinae, Spondylidinae, Cerambycinae, Lamiinae, Cerambycidae, Coleoptera, faunistic data, Turkey.

The longhorn beetles or Cerambycidae are classified together with Chrysomelidae and Bruchidae in the superfamily Chrysomeloidea. But, some authors recognized Cerambycidae as a separate superfamily Cerambycoidea. (Svacha & Danilevsky, 1986). The concept of the subdivision of Cerambycidae into several families has prevailed recently. Cerambycidae sensu stricto is divided into several subfamilies. These are Parandrinae, Prioninae, Lepturinae, Necydalinae, Spondylidinae, Apatophyseinae, Cerambycinae and Lamiinae. Parandrinae are not represented in Turkey.

Cerambycidae is used here in a slightly restricted sense, in that it excludes the relatively small, basal subfamilies Oxypeltinae, Disteniinae, Vesperinae, Philinae and Anoplodermatinae; the first two are recognized as separate families, and the last three form the family Vesperidae (Svacha, Danilevsky, 1997). Within the family, the placements of most Prioninae, Spondylidinae, Cerambycinae and Lamiinae genera do not differ from generally accepted concepts; however the composition of Lepturinae, Apatophyseinae and Necydalinae are based in part on Svacha and Danilevsky (1987, 1988, 1989, 1997). Also, the subfamilies Apatophyseinae, established by Danilevsky, 1980, and Necydalinae are represented with only a few species in Turkey.

Most of the longhorn beetles elongate and cylindrical with long antennae. The eyes are usually strongly notched. The tarsi appear four segmented with the third segment bilobed, but are actually five segmented. The fourth segment is small and concealed in the notch of the third segment. This is often very difficult to see. Both the

Cerambycidae and Chrysomelidae have this type of tarsal structure, and these groups are sometimes difficult to separate. The Cerambycidae are separated from Chrysomelidae by the presence of apical spines on the tibiae. Also, the Cerambycidae are separated from the closely related Bruchidae by the normally developed last segment of the abdomen. The pygidium is usually hidden under the elytra in Cerambycidae, but it is always large and prominent in Bruchidae.

All the members of longhorn beetles are xylophagous and phytophagous. Larvae of longhorn beetles develop in plant tissues. Most of the beetles are wood-boring in the larval stage and many species are very destructive to shaded areas, forest, fruit trees and to freshly cut logs. They have larval tunnels in the wood (both living and dead plants). Different species attack different types of trees and shrubs. A few will attack living trees, but most species appear to prefer freshly cut logs or weakened and dying trees or branches. Larvae pupate either in host plants or in soil. Adults of the longhorn beetles can be found on flowers, leaves, wood, herbs etc.

METHODS

The material for this study was collected by the author over various years (1980-1984, 1988, 1990-1997, 1999-2005) from different localities in Turkey and deposited in the Gazi University. All of the materials were determined by Hüseyin Özdikmen. In this paper classification and nomenclature of the longhorn beetles suggested by Danilevsky, 2004 and Althoff & Danilevsky, 1997 are followed. Within the subfamilies all genera are listed in the same order as in Danilevsky, 2002 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 present text. The data under the title of Material examined are given according to the following outline:

Ankara⁽¹⁾, Kızılcahamam⁽²⁾, Güvem⁽³⁾, 1200 m⁽⁴⁾, 14.05.1997⁽⁵⁾, 2 specimens⁽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 name of collector

Family Cerambycidae

Subfamily Prioninae

***Rhaesus serricollis* Motschulsky, 1838**

Material: İçel: Erdemli, Karahasanlı village, 11.07.2000, 2 specimens, leg. H. Özdikmen.

Remarks: The species is new for İçel province and apparently mostly distributed in West and South Turkey. Usually the name "*Rhaesus*" attributed to Motschulsky was used for the genus. But originally

"*Rhesus*" was introduced for *Prionus serricollis* Motschulsky by J. Thomson (1871), non Lesson (1850).

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

Material: Asian Turkey (Anatolia): 1 specimen without label, leg. H. Özdikmen.

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

Subfamily Lepturinae

***Dinoptera collaris* (Linnaeus, 1758)**

Material: Ankara: Kızılcahamam, Soğuksu National Park, 1080 m, 02.06.1990, 1 specimen; Ankara: Kızılcahamam, Aköz village, 1150 m, 26.06.1997, 1 specimen, leg. H. Özdikmen.

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

***Cortodera colchica* Reitter, 1890**

Material: Aksaray: entry of Nevşehir-Aksaray, 20.05.1997, 7 specimens; Ankara: Kızılcahamam, Yukarı Çanlı, 1540 m, 14.06.1997, 1 specimen, leg. H. Özdikmen.

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

***Cortodera femorata* (Fabricius, 1787)**

Material: Aksaray: Central, 20.05.1997, 1 specimen; Ankara: Kızılcahamam, Soğuksu National Park, 1100 m, 07.06.1997, 1 specimen; Ankara: Kızılcahamam, Güvem, 1000 m, 26.06.1997, 7 specimens, leg. H. Özdikmen.

Remarks: The species is new for Ankara province. It has been recorded only from Aksaray province by Özdikmen, 2003 and probably more or less widely distributed in Turkey.

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

Material: Ankara: Kızılcahamam, Soğuksu National Park, 1150 and 1710 m, 21.06.1992, 2 specimens; 1300-1400 m, 03.07.1992, 2 specimens; 1400 m, 04.07.1992, 1 specimen; Ankara: Kızılcahamam, Güvem, 1000-1066 m, 14.05.1997, 2 specimens; Ankara: Kızılcahamam, Yukarı Çanlı, 1250 m, 28.05.1997, 1 specimen; Ankara: Kızılcahamam, Güvem, 1100 m, 28.05.1997, 1 specimen; Aksaray: Sivrihisar, 1720 m, 02.06.1997, 5 specimens; Kayseri: Yahyalı, Derebağı Şelale place, 1281 m, 02.06.1997, 2 specimens; Ankara: Kızılcahamam, Soğuksu National Park, 1350 m, 07.06.1997, 1 specimen; Ankara: Kızılcahamam, Yukarı Çanlı, 1400-1540 m, 14.06.1997, 30 specimens; Aksaray: Ortaköy, Hocaveli village, 1260 m, 22.06.1997, 1 specimen, leg. H. Özdikmen; Ankara: Çubuk, 19.05.2005, 28 specimens, leg. Z. Avcı.

Remarks: The species is widely distributed in Turkey.

***Grammoptera ustulata* (Schaller, 1783)**

Material: Ankara: Kızılcahamam, Soğuksu National Park, 1350 m, 07.06.1997, 1 specimen, leg. H. Özdikmen.

Remarks: The species is only distributed in North Turkey.

***Pedostrangalia emmipoda* (Mulsant, 1863)**

Material: Ankara: Kızılcahamam, Soğuksu National Park, 1400 m, 19.07.1991, 1 specimen; Konya: Kulu, 1230 m, 31.05.1997, 1 specimen; Ankara: Kızılcahamam, Güvem,

1000 m, 11.07.1997, 3 specimens; Ankara: Kızılcahamam, Yenimahalle village, 1150 m, 15.07.1997, 1 specimen, leg. H. Özdikmen.

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

***Stenurella bifasciata* (Müller, 1776)**

Material: Ankara: Kızılcahamam, Soğuksu National Park, 1650 m, 03.06.1990, 2 specimens; 1300 m, 11.07.1990, 2 specimens; 1100 m, 12.07.1990, 2 specimens; 1650 m, 03.08.1990, 1 specimen; 1400 m, 21.06.1991, 1 specimen; 1200 m, 28.06.1991, 1 specimen; 1350 m, 10.07.1991, 3 specimens; 1500 m, 19.07.1991, 1 specimen; Ankara: Kızılcahamam, 17.05.1992, 4 specimens; Nevşehir: Avanos, 1100 m, 21.07.1993, 1 specimen; Ankara: Kızılcahamam, Işık Mountain, 30.06.1994, 1 specimen; Ankara: Kızılcahamam, S of Dam, 07.07.1994, 1 specimen; Ankara: Kızılcahamam, Işık Mountain, 07.07.1994, 1 specimen; Ankara: Kızılcahamam, Işık Mountain, 01.07.1995 and 02.07.1995, 2 specimens; Adana: Pozantı, entry of Fındıklı, 1200 m, 23.06.1997, 4 specimens; Adana: Pozantı, Tekir plateau, 1300 m, 23.06.1997, 1 specimen; Kayseri: Yahyalı, Derebağı, Şelale place, 1281 m, 25.06.1997, 1 specimen; Ankara: Kızılcahamam, Güvem, 1000 m, 26.06.1997, 12 specimens; Ankara: Kızılcahamam, Yasin village, 1450 m, 11.07.1997, 2 specimens; Ankara: Kızılcahamam, the peak of Bel, 1550 m, 19.08.1997, 6 specimens; Ankara: Kızılcahamam, Yukarı Çanlı, 1400 m, 19.08.1997, 4 specimens; Ankara: Kızılcahamam, the peak of Bel, 1600 m, 21.08.1997, 4 specimens, leg. H. Özdikmen; Ankara: Beypazarı, Dereli village, 02.07.2005, 33 specimens, leg. V. Saiti.

Remarks: The species is new for Ankara province and widely distributed in Turkey. In Turkey there are three distinct subspecies: The nominate *Stenurella bifasciata bifasciata* (Müller, 1776), *Stenurella bifasciata limbiventris* (Reitter, 1898) occurring in North-east Turkey and the other *Stenurella bifasciata nigrosuturalis* (Reitter, 1895) occurring in South-east Turkey.

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

Material: Ankara: Kızılcahamam, Soğuksu National Park, 1650 m, 03.06.1990, 1 specimen; 1300 m, 11.07.1990, 1 specimen; 1100 m, 12.07.1990, 1 specimen; 1350 m, 10.07.1991, 1 specimen; 1400 and 1500 m, 19.07.1991, 2 specimens; Ankara: Kızılcahamam, 17.05.1992, 1 specimen; Ankara: Kızılcahamam, Işık Mountain, 02.07.1995, 1 specimen; Ankara: Kızılcahamam, Güvem, 1000 m, 26.06.1997, 3 specimens, leg. H. Özdikmen; Ankara: Beypazarı, Dereli village, 02.07.2005, 21 specimens, leg. V. Saiti.

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

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

Material: Ankara: Kızılcahamam, Soğuksu National Park, 1300 m, 11.07.1990, 1 specimen; 1100 m, 12.07.1990, 1 specimen; 1500 m, 07.08.1990, 3 specimens; 1200 m, 28.06.1991, 1 specimen; 1500 m, 02.07.1991, 1 specimen; 1350 m, 10.07.1991, 1 specimen; Ankara: Kızılcahamam, Işık Mountain, 24.06.1994, 1 specimen; Ankara: Kızılcahamam, Güvem, 1000 m, 26.06.1997, 6 specimens; Ankara: Kızılcahamam, Yenimahalle village, 1100-1150 m, 05.07.1997, 10 specimens; Ankara: Kızılcahamam, Yasin village, 1400-1450 m, 11.07.1997, 2 specimens; Ankara: Kızılcahamam, Yukarı Çanlı, 1300 m, 11.07.1997, 9 specimens, leg. H. Özdikmen; Ankara: Beypazarı, Dereli village, 02.07.2005, 35 specimens, leg. V. Saiti.

Remarks: The species is widely distributed in Turkey.

***Anastrangalia montana* (Mulsant et Rey, 1863)**

Material: İcel: Mut-Silifke road, exit of Karabağ, 1320 m, 02.06.2001, 1 specimen, leg. H. Özdikmen.

Remarks: The species is distributed only in South Turkey.

***Anastrangalia sanguinolenta* (Linnaeus, 1761)**

Material: Ankara: Kızılcahamam, 17.05.1991, 1 specimen; Ankara: Kızılcahaman, Soğuksu National Park, 1600 m, 02.07.1991, 1 specimen; 1300 m, 03.07.1991, 1 specimen; 1400 m, 19.07.1991, 1 specimen; Ankara: Kızılcahamam, Işık Mountain, 02.07.1994, 1 specimen; Ankara: Kızılcahamam, Güvem, 1000 m, 26.06.1997, 1 specimen, leg. H. Özdikmen.

Remarks: The species is widely distributed only in North Turkey.

***Styctoleptura cordigera* (Fuesslins, 1775)**

Material: Yozgat: Sarihacılı, 1150 m, 06.07.1982, 1 specimen, leg. V. Kartal; Nevşehir: Avanos, 1100 m, 21.07.1993, 1 specimen; Aksaray: Ortaköy, Hocaveli village, 1260 m, 22.06.1997, 1 specimen, leg. H. Özdikmen; Turkey: Old Kayseri road 13th km, Topçu dam, 1300-1350 m, 14.07.2002, 2 specimens; Ankara: Beypazarı, Dereli village, 02.07.2005, 1 specimen, leg. V. Saiti.

Remarks: The species is new for Yozgat, Nevşehir, Aksaray and Ankara provinces and probably more or less widely distributed in Turkey.

***Styctoleptura heydeni* (Ganglbauer, 1889)**

Material: Adana: Pozantı, Tekir plateau, 1300 m, 23.06.1997, 1 specimen, leg. H. Özdikmen.

Remarks: The species is new for Adana province and distributed only in South Turkey.

***Styctoleptura tesserula* (Charpentier, 1825)**

Material: Ankara: Kızılcahaman, Soğuksu National Park, 1400 m, 19.07.1991, 1 specimen; Ankara: Kızılcahamam, 17.05.1991, 2 specimens, leg. H. Özdikmen.

Remarks: The species is new for Ankara province and mostly distributed in North Turkey.

***Vadonia unipunctata* (Fabricius, 1787)**

Material examined: Nevşehir: Avanos, 950 m, 23.07.1993, 1 specimen; Ankara: Kızılcahamam, Işık Mountain, 30.06.1994, 1 specimen; Ankara: Kızılcahamam, Işık Mountain, 01.07.1995, 1 specimen; Konya: Kulu, 1230 m, 31.05.1997, 1 specimen; Konya: Gölyazı road, 1000 m, 31.05.1997, 1 specimen; Niğde: Altunhisar, Akçaören, 1281 m, 01.06.1997, 1 specimen; Aksaray: Central, entry of Nevşehir, 1040 m, 03.06.1997, 2 specimens; Aksaray: Ortaköy-Aksaray road, 1400 m, 22.06.1997, 1 specimen; Niğde: Ulukışla, 1281 m, 23.06.1997, 1 specimen; Niğde: Ulukışla, 1400 m, 23.06.1997, 1 specimen; Ankara: Kızılcahamam, Aköz village, 1150 m, 26.06.1997, 4 specimens; Ankara: Kızılcahamam, Güvem, 1000 m, 26.06.1997, 1 specimen; Ankara: Kızılcahamam, Aköz village, 1150 m, 26.06.1997, 1 specimen; Niğde: Çiftlik road, Göllü Mountain, 1581 m, 27.06.1997, 1 specimen; Aksaray: Güzelyurt, Selime, 1240 m, 27.06.1997, 1 specimen; Ankara: Kızılcahamam, Yukarıçanlı, 1300 m, 11.07.1997, 2 specimens; Asian Turkey (Anatolia): 9 specimens without label, leg. H. Özdikmen.

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

***Pseudovadonia livida* (Fabricius, 1776)**

Material: Turkey: Yakıören-Mulan road, 28.06.1995, 3 specimens, leg. Y. Özdemir; Ankara: Kızılcahamam, Güvem, 1000 m, 26.06.1997, 9 specimens; Ankara: Kızılcahamam, Yenimahalle village, 1100-1150 m, 05.07.1997, 2 specimens; Ankara: Kızılcahamam, Güvem, 1081 m, 11.07.1997, 12 specimens; Niğde: Altunhisar-Çiftlik road, entry of Çiftlik, 29.07.1997, 1 specimen; Ankara: Kızılcahamam, the peak of Bel, 1550 m, 19.08.1997, 2 specimens, leg. H. Özdikmen; Ankara: Beypazarı, Dereli village, 02.07.2005, 21 specimens, leg. V. Saiti.

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

Subfamily Spondylidinae***Arhopalus rusticus* (Linnaeus, 1758)**

Material: Ankara: Kızılcahamam, Soğuksu National Park, 1200 m, 12.07.1990, 2 specimens; Ordu: Perşembe, Çaytepe, 300 m, 15.07.1997, 1 specimen, leg. H. Özdikmen.

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

***Spondylis buprestoides* (Linnaeus, 1758)**

Material: Ankara: Kızılcahamam, Soğuksu National Park, 1500 m, 19.07.1991, 1 specimen, leg. H. Özdikmen.

Remarks: The species is mostly distributed in North Turkey.

Subfamily Cerambycinae***Trichoferus fasciculatus* (Faldermann, 1837)**

Material: Ankara: Kızılcahamam, Soğuksu National Park, 1200 m, 03.07.1992, 1 specimen, leg. H. Özdikmen.

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

***Trichoferus holosericeus* (Rossi, 1790)**

Material: Ordu: Perşembe, Çaytepe, 300 m, 15.07.1997, 1 specimen, leg. H. Özdikmen.

Remarks: The species is new for Ordu province and mostly distributed in North and West Turkey.

***Cerambyx cerdo* Linnaeus, 1758**

Material: Çanakkale: Central, Kordonboyu, 0 m, 27.06.1999, 1 specimen; Sinop: Türkeli, late July, 1999, 1 specimen, leg. H. Özdikmen (as *C. cerdo acuminatus*); Samsun: Çobanlı village env., May-June, 2003, 1 specimen; Osmaniye: Mitisin plateau, 1500 m, 24.08.2003, 1 specimen, leg. C. Gören by light; Turkey: 1 specimen without label.

Remarks: The species is new for Çanakkale, Samsun and Osmaniye provinces and widely distributed in Turkey.

***Cerambyx dux* (Faldermann, 1837)**

Material: Niğde: between Balcı-Aktaş villages, 18.07.1996, 1 specimen, leg. H. Özdikmen.

Remarks: The species is widely distributed in Turkey.

***Cerambyx scopolii* Fuesslins, 1775**

Material: Ankara: Keçiören, 800 m, 16.09.1992, 1 specimen, leg. V. Kartal.

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

***Cerambyx welensii* (Küster, 1846)**

Material: İstanbul: GATA, Çamlıca, 12.07.2004, 1 specimen, leg. B. Koçak.

Remarks: The species is mostly widely distributed in South Turkey.

***Purpuricenus budensis* (Goeze, 1783)**

Material: Adana: near Pozantı, 1150 m, 27.06.2000, 1 specimen, leg. H. Özdikmen.

Remarks: The species is apparently widely distributed in Turkey.

***Purpuricenus dalmatinus* Sturm, 1843**

Material: Osmaniye: Hasanbeyli, 900 m, 23.06.1982, 1 specimen, leg. V. Kartal; İçel: Erdemli-Güzeloluk road 7th km, 450 m, 30.05.2001, 1 specimen, leg. H. Özdikmen; Asian Turkey (Anatolia): 2 specimens without label.

Remarks: The species is distributed only in South Turkey.

***Purpuricenus longevittatus* Pic, 1951**

Material: Adana: Pozantı, Tekir plateau, 1300 m, 23.06.1997, 3 specimens; Niğde: Niğde-Bor road, Okçu village, 06.07.1997, 1 specimen; İçel: Erdemli-Güzeloluk road 5th km, 200 m, 30.05.2001, 1 specimen; İçel: Mersin-Gözne road, entry of Yeniköy, 940 m, 25.06.2001, 2 specimens, leg. H. Özdikmen.

Remarks: The species is new for Adana and Niğde provinces and distributed only in South Turkey.

***Aromia moschata moschata* (Linnaeus, 1758)**

Material: Turkey: 2 specimens without label.

Remarks: The subspecies is mostly distributed in North and West Turkey.

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

Material: Balıkesir: Erdek, Kamplar road, 28.06.2005, 1 specimen, leg. M. Ereren.

Remarks: The subspecies is new for Balıkesir province and mostly distributed in South Turkey.

***Penichroa fasciata* (Stephens, 1831)**

Material: Ankara: Ayaş, Başbereket village, 18.07.1997, 1 male; Samsun: Havza, Kocapınar village, 660 m, 09.08.1999, 1 female, leg. H. Özdikmen; Ankara: Etimesgut, 850 m, 26.06.2003, 1 specimen, leg. B. Koçak by light; Ankara: Mamak, Misket quarter, 840 m, 2003, 1 specimen, leg. S. Özavcı.

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

***Stenomalus bicolor* (Kraatz, 1862)**

Material: Nevşehir: Uçhisar, 1260 m, 19.05.1997, 1 specimen, leg. H. Özdikmen.

Remarks: The species is new for Nevşehir province and mostly distributed in South Turkey.

***Stenopterus rufus geniculatus* Kraatz, 1863**

Material: Kayseri: Kapuzbaşı, Büyükcayır-Yeşilköy, 610 m, 26.06.1997, 2 specimens, leg. H. Özdikmen; Ankara: Kızılcahamam, Yukarı Çanlı, 1300 m, 11.07.1997, 1 specimen, leg. H. Özdikmen.

Remarks: The subspecies is new for Kayseri and Ankara provinces and widely distributed in Turkey.

***Lampropterus femoratus* (Germar, 1824)**

Material: İçel: Erdemli-Güzeoluk road, 1170 m, 25.06.2001, 1 specimen; İçel: Uzuncaburç env., 845 m, 01.06.2001, 1 specimen, leg. H. Özdikmen.

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

***Certallum ebulinum* (Linnaeus, 1767)**

Material: Aksaray: Hasan Mountain, Aşağı Dikmen, 1020 m, 17.05.1997, 2 specimens; Nevşehir: Göre, 1260 m, 19.05.1997, 2 specimens; Aksaray: Ağzıkarahan, 1220 m, 20.05.1997, 3 specimens; Aksaray: entry of Nevşehir-Aksaray, 20.05.1997, 17 specimens; Aksaray: exit of Ankara, Ekecik stream, 1000 m, 20.05.1997, 7 specimens; Ankara: Şereflikoçhisar, 1000 m, 20.05.1997, 1 specimen; Ankara: Şereflikoçhisar-Ankara road, 1250 m, 20.05.1997, 1 specimen; Aksaray: entry of Nevşehir, 1040 m, 03.06.1997, 6 specimens; Aksaray: Belisırma, 1281 m, 03.06.1997, 2 specimens; Niğde: Bor-Altunhisar, 07.06.1997, 2 specimens; Niğde: Niğde-Bor road, 17.06.1997, 1 specimen; Niğde: exit of Ulukışla-Adana, 1300 m, 23.06.1997, 1 specimen; Niğde: entry of Kayseri-Niğde, 1420 m, 24.06.1997, 1 specimen; İçel: Mut-Karaman road, Karabağ place, Hatra Forest, 1140 m, 02.06.2001, 1 specimen; Konya: Ereğli-Ulukışla road, 1071 m, 03.06.2001, 1 specimen, leg. H. Özdikmen; ALI 4, 1 specimen, leg. Ali Demir; Ankara: Central, Biyologlar Derneği forest, 11.05.2005, 2 specimens, leg. A. Hasbenli; Ankara: Polatlı road 25. km, 15.05.2005, 1 specimen; Ankara: Entry of Temelli, 15.05.2005, 2 specimens; Ankara: Yenikent, Bucuk village, 28.05.2005, 1 specimen; Konya: Polatlı-Yunak, Entry of Odabaşı village, 29.05.2005, 1 specimen, leg. H. Özdikmen.

Remarks: The species is new for Aksaray and Niğde provinces and apparently widely distributed in Turkey.

***Hylotrupes bajulus* (Linnaeus, 1758)**

Material: Ankara: Kızılcahamam, Çileklitepe, 1600 m, 27.07.1988, 1 specimen, leg. H. Özdikmen.

Remarks: The species is apparently widely distributed in Turkey.

***Ropalopus clavipes* (Fabricius, 1775)**

Material: Asian Turkey (Anatolia): 2 specimens without label, leg. H. Özdikmen.

Remarks: The species is widely distributed in Turkey.

***Phymatodes testaceus* (Linnaeus, 1758)**

Material: Ankara: Kızılcahamam, Soğuksu National Park, 1050 m, 03.06.1991, 1 specimen; Ankara: Beypazarı, Dereli, 02-03.07.2005, 2 specimens, leg. H. Özdikmen.

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

***Neoplacionotus bobelayei* (Brulle, 1832)**

Material: Asian Turkey (Anatolia): 8 specimens without label, leg. H. Özdikmen.

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

***Paraplagionotus floralis* (Palas, 1773)**

Material: Ankara: Kızılcahamam, Işık Mountain, 07.07.1994, 3 specimens; Ankara: Kızılcahamam, Işık Mountain, 02.07.1995, 1 specimen; Niğde: Niğde-Bor road, 17.06.1997, 1 specimen; Adana: Pozanti, entry of Fındıklı, 1200 m, 23.06.1997, 1 specimen; Niğde: near Ulukışla, 1281 m, 23.06.1997, 9 specimens; Niğde: Çamardı, Yelatan village, 1281 m, 23.06.1997, 1 specimen; Niğde: exit of Ulukışla-Adana, 1300 m, 23.06.1997, 1 specimen; Niğde: Çamardı, Bademdere-Elmalı, 1760 m, 24.06.1997, 4 specimens; Niğde: Bor-Altunhisar, 1240 m, 24.06.1997, 9 specimens; Niğde: Çamardı, 1550 m, 24.06.1997, 2 specimens; Niğde: Çamardı, Bulduruş passage, 1730 m, 24.06.1997, 1 specimen; Kayseri: Yahyalı, Senirköy, 1060 m, 25.06.1997, 2 specimens; Kayseri: Güzelöz, Yeşilhisar, 1260 m, 25.06.1997, 15 specimens; Niğde: between Araplı-Höyük, 1360 m, 26.06.1997, 11 specimens; Niğde: Tepeköy, 02.07.1997, 3 specimens; Ankara: Kızılcahamam, Yenimahalle village, 1150 m, 05.07.1997, 4 specimens; Niğde: Niğde-Bor road, Derbent place, 06.07.1997, 2 specimens; Ankara: Kızılcahamam, Yukarı Çanlı, 1300 m, 11.07.1997, 5 specimens; Ankara: Kızılcahamam, Güvem, 1081 m, 11.07.1997, 3 specimens; Ankara: Kızılcahamam, Yasin village, 1400 m, 11.07.1997, 1 specimen; Niğde: Niğde-Bor road, Derbent place, 15.07.1997, 3 specimens; Ankara: Kızılcahamam, the peak of Bel, 1600 m, 21.08.1997, 1 specimen; İçel: between Mut-Karaman, 1140-1430 m, 30.06.2000, 14 specimens; Karaman: Karaman-Ereğli road, entry of Ayrancı, 1066 m, 02.06.2001, 1 specimen; İçel: Mut-Karaman road, Gökçeören pine grove, 1335 m, 02.06.2001, 10 specimens; Karaman: Ayrancı-Ereğli road, 1091 m, 26.06.2001, 1 specimen; İçel: Mut-Karaman road, Değirmenbaşı, 1371 m, 26.06.2001, 1 specimen; Asian Turkey (Anatolia): 4 specimens without label, leg. H. Özdikmen; Samsun: Alaçam, Dürtmen hill, 1670 m, 16.06.2004, 1 specimen.

Remarks: The species is new for İçel, Karaman and Samsun provinces and apparently widely distributed in Turkey.

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

Material: Turkey: 1 specimen without label.

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

***Isotomus speciosus* (Schneider, 1787)**

Material: Samsun: Havza, Kocapınar village, 660 m, 27.07.1999, 1 specimen; Asian Turkey (Anatolia): 1 specimen without label, leg. H. Özdikmen.

Remarks: The species is mostly distributed in North of Central Turkey.

***Chlorophorus hungaricus* Seidlitz, 1891**

Material: Yozgat: Sarıhacılı, 1150 m, 06.07.1982, 3 specimens, leg. V. Kartal; Ankara: Kızılcahamam, Işık Mountain, 02.07.1995, 2 specimens; Adana: Pozanti, entry of Fındıklı, 1200 m, 23.06.1997, 1 specimen; Niğde: Gebere dam, 02.07.1997, 2 specimens; İçel: between Gözne-Mersin, 200 m, 28.06.2000, 6 specimens; İçel: entry of Çukurbağ, 1035 m, 01.06.2001, 1 specimen; İçel: Mut-Karaman road, Değirmenbaşı, 1371-1425 m, 26.06.2001, 6 specimens, leg. H. Özdikmen.

Remarks: The species is new for Yozgat, Ankara and Niğde provinces and probably more or less widely distributed in Turkey.

***Chlorophorus sartor* (Müller, 1766)**

Material: Ankara: Kızılcahamam, 17.05.1992, 2 specimens; Kayseri: Yahyalı, Büyükçayır-Yeşilköy, Kapuzbaşı place, 610 m, 26.06.1997, 2 specimens; Samsun: Havza, Kocapınar village, 660 m, 13.07.1999, 1 specimen; İçel: exit of Fındıkpınarı, 31.05.2001, 1 specimen, leg./det. H. Özdikmen; Ankara: Bepazarı, Dereli village, 02.07.2005, 35 specimens, leg. V. Saiti.

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

***Chlorophorus trifasciatus* (Fabricius, 1781)**

Material: İçel: Mut-Karaman road, Değirmenbaşı env., 1370 m, 26.06.2001, 1 specimen, leg. H. Özdikmen.

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

***Chlorophorus varius* (Müller, 1766)**

Material: Niğde: Ulukışla, 1200 m, 09.07.1980, 1 specimen, leg. V. Kartal; Ankara: Çubuk dam, 900 m, 25.07.1982, 1 specimen, leg. V. Kartal; Nevşehir: Avanos, 950-1100 m, 20-23.07.1993, 8 specimens; Niğde: between Bor-Altınova, 1200 m, 17.07.1997, 3 specimens; Niğde: Bor, Balcı village, 17.07.1997, 3 specimens; Adana: Pozantı-İçel road, 950-1050 m, 27.06.2000, 3 specimens; İçel: between Erdemli-Güzeloluk, 220 m, 28.06.2000, 3 specimens; Karaman: Karaman-Mut road, 1200-1430 m, 25.07.2000, 1 specimen; İçel: Erdemli-Güzeloluk road 5th km, 200 m, 30.05.2001, 1 specimen; İçel: exit of Atakent, 0 m, 01.06.2001, 3 specimens; İçel: Mut-Silifke road 10th km, 100 m, 01.06.2001, 2 specimens; İçel: Erdemli-Güzeloluk road 10th km, 350 m, 25.06.2001, 3 specimens; İçel: Mersin-Gözne road, Çukurkeklik, 276 m, 25.06.2001, 1 specimen; İçel: Silifke-Mut road, Göksu bridge, 30 m, 26.06.2001, 1 specimen; Asian Turkey (Anatolia): 3 specimens without label, leg. H. Özdikmen.

Remarks: The species is new for Niğde, Adana, İçel and Karaman provinces and apparently widely distributed in Turkey.

***Xylotrechus arvicola* (Olivier, 1795)**

Material: Niğde: Çaykavak, 1500 m, 09.07.1980, 1 specimen, leg. V. Kartal.

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

***Xylotrechus rusticus* (Linnaeus, 1758)**

Material: Kayseri: Yeşilhisar, 04.06.2003, 2 specimens; Ankara: Bağlum, 09.06.2003, 1 specimen, leg. S. Toy.

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

***Clytus arietis* (Linnaeus, 1758)**

Material: Ankara: Kızılcahamam, Yenimahalle village, 1100 m, 05.07.1997, 1 specimen, leg. H. Özdikmen.

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

***Clytus ciliciensis* Chevrolat, 1863**

Material: İçel: Erdemli-Güzeloluk road 17th km, 930 m, 30.05.2001, 1 specimen, leg. H. Özdikmen.

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

***Clytus rhamnii* Germar, 1817**

Material: Ankara: Kızılcahamam, Güvem, 07.07.1994, 1 specimen; Ankara: Kızılcahamam, S of Dam, 1100 m, 07.07.1994, 1 specimen; Kayseri: Yahyalı, Büyükçayır-Yeşilköy, Kapuzbaşı place, 610 m, 26.06.1997, 1 specimen; Ankara: Kızılcahamam,

Güvem, 1000 m, 26.06.1997, 2 specimens; Ankara: Kızılcahamam, Yukarı Çanlı, 1200 m, 11.07.1997, 1 specimen; Ankara: Kızılcahamam, Yasin village, 1400-1450 m, 11.07.1997, 6 specimens; Ankara: Kızılcahamam, Yukarı Çanlı, 1300 m, 11.07.1997, 1 specimen; Ankara: Kızılcahamam, Yasin village, 1450 m, 11.07.1997, 2 specimens; İçel: Uzuncaburç road, 855 m, 01.06.2001, 2 specimens; İçel: Mersin-Gözne road, entry of Yeniköy, 940 m, 25.06.2001, 3 specimens, leg. H. Özdikmen; Ankara: Beypazarı, Dereli village, 02.07.2005, 2 specimens, leg. V. Saiti.

Remarks: The species is new for Ankara and Kayseri provinces and more or less widely distributed in Turkey. In the world there are three distinct subspecies: The nominate *Clytus rhamni rhamni* Germar, 1817 from North-East Italy to Balkans; *Clytus rhamni bellieri* Gautier, 1862 from Italy, Western Mediterranean and Central Europe and *Clytus rhamni temesiensis* Germar, 1824 from Balkans, Asia Minor, Caucasus and Eastern Mediterranean. For this reason until now, all old records from Turkey must be *Clytus rhamni temesiensis* Germar, 1824.

***Clytus taurisiensis* (Pic, 1903)**

Material: İçel: Uzuncaburç road, 855 m, 01.06.2001, 2 specimens, leg. H. Özdikmen.

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

***Clytus schurmanni* Sama, 1996**

Material examined: Ankara: Kızılcahamam, Soğuksu National Park, 1200 m, 11.07.1990, 1 specimen and 1400 m, 03.07.1991, 1 specimen, leg. H. Özdikmen; Çankırı: Eldivan, 04.06.1997, 1 specimen, leg. Y. Özdemir; Ankara: Beypazarı, Dereli village, 02.07.2005, 9 specimens, leg. V. Saiti.

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: İçel: Erdemli, 30.07.2000, 1 specimen, leg. H. Özdikmen; Osmaniye: Central, Fakuşağı village, 125-140 m, 23.08.2003, 12 specimens, leg. C. Gören; Osmaniye: Central, Rahime Hatun, 125 m, 21.08.2003, 1 specimen, leg. C. Gören; Osmaniye: Kanlıgeçit village, 125 m, 23.08.2003, 1 specimen, leg. C. Gören, on *Ficus carica*.

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

***Monochamus galloprovincialis* pistor**

Material: Samsun: O.M.Ü. Campus, 25.04.2005, 1 specimen, leg. A. Y. Okutaner.

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

***Morinus asper verecundus* (Faldermann, 1836)**

Material: Sinop: Türkeli, late July, 1999, 2 specimens, leg. H. Özdikmen.

Remarks: The subspecies is new for Sinop province and distributed in North-East Turkey.

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

Material: Turkey: 1 specimen without label.

Remarks: The subspecies is distributed in North-West Turkey.

***Dorcadion boluense* Breuning, 1962**

Material: Ankara: Kızılcahamam, Yukarı Çanlı, 1260 m, 14.05.1997, 18 specimens, leg. M. Akçay.

Remarks: The species is only known from Bolu and Ankara provinces in Turkey. It is endemic to Turkey. These specimens in the present study are the subspecies *Dorcadion boluense imitator*.

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

Material: Ankara: Kepekli, 1200 m, 26.05.1990, 1 specimen, leg. H. Özdikmen; Ankara: Yenikent, İlyakut village, 860 m, 13.04.2003, 6 specimens, leg. H. Özdikmen; Ankara: Eğmir Lake, 05.05.2003, 1 specimen, leg. O. Yazıcıoğlu.

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

***Dorcadion divisum* Germar, 1839**

Material: Ankara: 1 specimen, leg. H. Özdikmen; Osmaniye: Between Kaypak-Alamanpınarı, 17.05.2003, 1 specimen, leg. A. Demir.

Remarks: This species is represented by three subspecies in Turkey. The real status of distributional patterns of these taxa needs to be clarified. The specimen from Ankara province is the subspecies *Dorcadion divisum subdivisum* Breuning, 1955 and the specimen from Osmaniye province is the subspecies *Dorcadion divisum subatrum* Breuning, 1962. This taxon is new for Osmaniye province.

***Dorcadion infernale* Mulsant et Rey, 1863**

Material: Ankara: Bayındır dam, 21.06.2003, 1 specimen, leg. Önder Yalçın; Ankara: Ayaş-Polatlı road, Sarıoba env., 17.04.2005, 24 specimens, leg. H. Özdikmen.

Remarks: The species is mostly distributed in Central and West Turkey. It is endemic to Turkey.

***Dorcadion pararufipenne* Braun, 1976**

Material: Ankara: Bayındır dam, 21.06.2003, 1 specimen, leg. Ö. Yalçın; Ankara: Ayaş road, Başayaş village env., Ayaş Beli, 17.04.2005, 26 specimens, leg. H. Özdikmen; Ankara: Çubuk, 19.05.2005, 1 specimen, leg. Z. Avcı.

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

***Dorcadion scabricolle* Dalman, 1817**

Material: Ankara: Kızılcahamam, Yukarı Çanlı, 1260 m, 14.05.1997 and 28.05.1997, 12 specimens; Ankara: Kızılcahamam, Salin village, 1300 m, 14.06.1997, 1 specimen; Ankara: Kızılcahamam, Yenimahalle village, 1150 m, 05.07.1997, 1 specimen; Ankara: Ayaş road, Başayaş village env., Ayaş Beli, 17.04.2005, 10 specimens, leg. H. Özdikmen.

Remarks: The species is widely distributed in Turkey.

***Dorcadion subsericatum* Pic, 1901**

Material: Ankara: Bayındır dam, 21.06.2003, 1 specimen, leg. Önder Yalçın; Ankara: Ayaş road, Başayaş village env., Ayaş Beli, 17.04.2005, 24 specimens, leg. H. Özdikmen; Ankara: Çubuk, 19.05.2005, 1 specimen, leg. Z. Avcı.

Remarks: The species is distributed in Central Turkey and North of Central Turkey.

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

Material: Asian Turkey (Anatolia): 1 specimen without label, leg. H. Özdikmen.

Remarks: The species is apparently widely distributed in Turkey.

***Tetrops praeustus* (Linnaeus, 1758)**

Material: Ankara: between Sereflikoçhisar-Evren, 1220 m, 21.06.1997, 1 specimen, leg. H. Özdikmen.

Remarks: The species is apparently mostly distributed in North Turkey.

***Oberea erythrocephala* (Schrank, 1776)**

Material: Ankara: Kızılcahamam, Soğuksu National Park, 1100-1200 m, 02-03.06.1991, 2 specimens; Niğde: Tepeköy, 02.07.1997, 2 specimens; Niğde: Niğde-Bor road, Okçu village, 06.07.1997, 2 specimens; Niğde: Altunhisar-Çiftlik road, Tepeköy plateau, 29.07.1997, 2 specimens, leg. H. Özdikmen.

Remarks: The species is new for Ankara and Niğde provinces and more or less widely distributed in Turkey. However, the exact distribution pattern of subspecies in Turkey and the real status of these taxons still need to be clarified.

***Oxyliia argentata* (Menetries, 1832)**

Material: Niğde: Bor-Altunhisar, 07.06.1997, 1 specimen; Ankara: Kızılcahamam, Aköz village, 1150 m, 26.06.1997, 1 specimen; Asian Turkey (Anatolia): 5 specimens without label, leg. H. Özdikmen.

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

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

Material: Aksaray: Aksaray-Ulukişla road 8th km, 1391 m, 29.05.2001, 1 specimen; İçel: entry of Fındıkpinarı, 1015 m, 31.05.2001, 1 specimen; İçel: Mut-Karaman road, Gökçeören pine grove, 1335 m, 02.06.2001, 1 specimen; Karaman: Ayrancı-Ereğli road 30th km, 1010 m, 02.06.2001, 1 specimen, leg. H. Özdikmen.

Remarks: The species is new for Aksaray, İçel and Karaman provinces and mostly distributed in South and Central Turkey.

***Helladia humeralis* (Waltl, 1828)**

Material: Ankara: Şereflikoçhisar, 1000 m, 20.05.1997, 1 specimen; Aksaray: exit of Ankara, Ekekik stream, 1000 m, 20.05.1997, 2 specimens; Niğde: between Araplı-Höyük, 1360 m, 26.06.1997, 1 specimen; Ankara: Entry of Temelli, 15.05.2005, 2 specimens; Ankara: Polatlı-Kadınhanı road 8. km, 29.05.2005, 2 specimens; Ankara: Sivrihisar-Polatlı road, Yassıhöyük, 29.05.2005, 3 specimens, leg. H. Özdikmen.

Remarks: The species is new for Niğde and Aksaray provinces and more or less widely distributed in Turkey.

***Helladia millefolii* (Adams, 1817)**

Material: Konya: Sultanhanı, 930 m, 27.06.1997, 1 specimen, leg. H. Özdikmen.

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

Helladia praetextata

Material: Ankara: Kızılcahamam, Soğuksu National Park, 1350 m, 07.06.1997, 2 specimens, leg. H. Özdikmen.

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 balcanica* (Frivaldsky, 1835)**

Material: Ankara: Kızılcahamam, Yenimahalle village, 1150 m, 05.07.1997, 1 specimen, leg. H. Özdikmen.

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

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

Material: Aksaray: Hasan Mountain, Aşağı Dikmen village, 1020 m, 17.05.1997, 1 specimen; Niğde: Altunhisar, 1200 m, 18.05.1997, 1 specimen; Nevşehir: Göre, Güvercinlik, Aşlık Mountain, 1320 m, 19.05.1997, 1 specimen; Ankara: Şereflikoçhisar-Ankara road, 1250 m, 20.05.1997, 1 specimen; Aksaray: Ağzıkarahan, 1220 m, 20.05.1997, 1 specimen; Aksaray: entry of Nevşehir-Aksaray, 20.05.1997, 6 specimens; Konya: Kulu, 1230 m, 31.05.1997, 1 specimen; Konya: Cihanbeyli, Central and Karatepe, 1000-1040 m, 31.05.1997, 2 specimens; Konya: Güzelyazı road, 1000 m, 31.05.1997, 1 specimen; Aksaray: Eşkil, Eşmekaya, 1040 m, 31.05.1997, 1 specimen; Niğde, Altunhisar, Akçaören, 1281 m, 01.06.1997, 1 specimen; Aksaray: Belisırma, 1281 m, 03.06.1997, 1 specimen; Aksaray: Doğantepe, Yalnızagaç place, 1150 m, 03.06.1997, 1 specimen; Aksaray: entry of Nevşehir, 1040 m, 03.06.1997, 1 specimen; Niğde: Bor, Fesleğen village, 08.06.1997, 1 specimen; Ankara: between Konya Makası-Şereflikoçhisar, 950 m, 21.06.1997, 1 specimen; Niğde: near Ulukışla, 1281 m, 23.06.1997, 1 specimen; Niğde: exit of Ulukışla, 1350 m, 29.05.2001, 1 specimen; İçel: Mut-Karaman road, Gökçeören pine grove, 1335 m, 02.06.2001, 1 specimen; Karaman: Ayrancı-Ereğli road 25th km, 1100 m, 22.06.2001, 1 specimen, leg. H. Özdikmen; Ankara: Central, Biyologlar Derneği forest, 11.05.2005, 2 specimens, leg. A. Hasbenli.

Remarks: The species is new for Aksaray, Niğde, İçel and Karaman provinces and more or less widely distributed in Turkey.

***Phytoecia cylindrica* (Linnaeus, 1758)**

Material: Ankara: Kızılcahamam, Salin village, 1300 m, 14.06.1997, 2 specimens; Ankara: Kızılcahamam, Yukarı Çanlı, 1400 m, 14.06.1997, 2 specimens; Kayseri: Yahyalı, Büyükçayır-Yeşilköy, Kapuzbaşı place, 691 m, 26.06.1997, 1 specimen; Ankara: Kızılcahamam, Yenimahalle village, 1100 m, 05.07.1997, 1 specimen; Niğde-Bor, Derbent place, 06.07.1997 and 15.07.1997, 2 specimens, leg. H. Özdikmen.

Remarks: The species is new for Ankara, Kayseri and Niğde provinces and more or less widely distributed in Turkey.

***Phytoecia geniculata* Mulsant, 1863**

Material: Ankara: Gölbaşı, Örencik, 04.05.2003, 1 specimen.

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

***Phytoecia ictérica annulipes* Mulsant, 1863**

Material: Osmaniye: Zorkun, 900 m, 12.06.1982, 1 specimen, leg. V. Kartal; Aksaray: Güzelyurt, Selime, 1240 m, 27.06.1997, 2 specimens; Ankara: Kızılcahamam, Yenimahalle village, 1150 m, 05.07.1997, 1 specimen, leg. H. Özdikmen.

Remarks: The subspecies is new for Osmaniye, Aksaray and Ankara provinces and more or less widely distributed in Central and South Turkey. In Turkey there is two distinct subspecies; *Phytoecia ictérica ictérica* (Schaller, 1783) and *Phytoecia ictérica annulipes* Mulsant, 1863. However, the exact distribution pattern of the subspecies in Turkey still need to be clarified.

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

Material: Adana: Pozantı-Mersin road, 701 m, 30.05.2001, 3 specimens; Asian Turkey (Anatolia): 1 specimen without label, leg. H. Özdikmen.

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

***Phytoecia pustulata* (Schrank, 1776)**

Material: Asian Turkey (Anatolia): 1 specimen without label, leg. H. Özdikmen.

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

***Phytoecia rufipes latior* Pic, 1895**

Material: Aksaray: Hasan Mountain, Aşağı Dikmen, 1100 m, 01.06.1997, 3 specimens; Niğde: Altunhisar, Akçaören, 1280 m, 01.06.1997, 3 specimens; Adana: Pozantı-Mersin road, Çamlıyayla env., 690 m, 30.05.2001, 2 specimens, leg. H. Özdikmen.

Remarks: The species is new for Aksaray and Niğde provinces and mostly distributed in South Turkey.

***Phytoecia virgula* (Charpentier, 1825)**

Material: Ankara: Kızılcahamam, Işık Mountain, 02.07.1994, 1 specimen; Ankara: Kızılcahamam, Işık Mountain, 01.07.1995, 1 specimen; Aksaray: Eskil, Eşmekaya, 1000 m, 17.05.1997, 1 specimen; Konya: Kulu, Tavşançalı, 1000 m, 17.05.1997, 5 specimens; Konya: Cihanbeyli, Karatepe, 1000-1040 m, 31.05.1997, 3 specimens; Konya: Kulu, Tavşançalı, 1000 m, 31.05.1997, 1 specimen; Aksaray: entry of Nevşehir, 1040 m, 03.06.1997, 1 specimen; Ankara: Şereflikoçhisar, 1000 m, 03.06.1997, 1 specimen; Niğde: Bor-Altunhisar, 07.06.1997, 1 specimen; Konya: Kulu, Konya Makası, 1100 m, 21.06.1997, 1 specimen; Niğde: Çamardı, Bademdere-Elmalı, 1760 m, 24.06.1997, 2 specimens; Niğde: Araplı-Höyük, 1360 m, 26.06.1997, 1 specimen; Konya: Polatlı-Yunak, Entry of Odabaşı village, 29.05.2005, 1 specimen; Asian Turkey (Anatolia): 2 specimens without label, leg. H. Özdikmen.

Remarks: The species is new for Aksaray and Niğde provinces and more or less widely distributed in Turkey.

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

Material: Osmaniye: Zorkun, 900 m, 26.06.1982, 2 specimens, leg. V. Kartal; Yozgat: Sarıhacılı, 1150 m, 06.07.1982, 2 specimens, leg. V. Kartal; Ankara: Kızılcahamam, Soğuksu National Park, 1200 m, 28.06.1991, 2 specimens; Nevşehir: Avanos, 1130 m,

21.07.1993, 1 specimen; Ankara: Kızılcahamam, Aköz village, 16.06.1994, 1 specimen; Aksaray: Hasan Mountain, Aşağı Dikmen village, 1020 m, 17.05.1997, 1 specimen; Ankara: Kızılcahamam, Yukarı Çanlı, 1250 m, 28.05.1997, 3 specimens; Ankara: Kızılcahamam, Güvem, 1100 m, 28.05.1997, 2 specimens; Ankara: Kızılcahamam, Aköz village, 1150 m, 28.05.1997, 1 specimen; Konya: Cihanbeyli, Karatepe, 1000 m, 31.05.1997, 7 specimens; Konya: Kulu, 1230 m, 31.05.1997, 1 specimen; Niğde: Ulukışla-Altunhisar road, 1400 m, 01.06.1997, 1 specimen; Aksaray: Hasan Mountain, Aşağı Dikmen village, 1100 m, 01.06.1997, 1 specimen; Kayseri: Yahyalı, İlyaslı, 1140 m, 02.06.1997, 3 specimens; Kayseri: Yahyalı, Derebağı, Şelale place, 1281 m, 02.06.1997, 1 specimen; Aksaray: Doğanstepe, Yalınzağaç, 1150 m, 03.06.1997, 1 specimen; Aksaray: Gülağaç, Kızılcahamam, Aşıklı Höyük, 1100 m, 03.06.1997, 1 specimen; Niğde: Bor-Altunhisar, 07.06.1997, 6 specimens; Niğde: Bor, Üstünkaya, 07.06.1997, 1 specimen; Niğde: Fertetek, 08.06.1997, 1 specimen; Niğde: Sazlıca, 08.06.1997, 1 specimen; Ankara: Kızılcahamam, Yukarı Çanlı, 1400-1540 m, 14.06.1997, 5 specimens; Ankara: Kızılcahamam, Salin village, 1300 m, 14.06.1997, 1 specimen; Ankara: Kızılcahamam, Güvem, 1100 m, 14.06.1997, 1 specimen; Niğde: Niğde-Bor road, 17.06.1997, 2 specimens; Aksaray: Ağaören, Yeşilşabanlı, Velipınarı, 1340 m, 21.06.1997, 1 specimen; Niğde: near Ulukışla, 1281 m, 23.06.1997, 1 specimen; Niğde: entry of Kayseri-Niğde, 1420 m, 24.06.1997, 1 specimen; Niğde: Çamardı, Bademdere-Elmalı, 1760 m, 24.06.1997, 1 specimen; Niğde: Çamardı, 1550 m, 24.06.1997, 1 specimen; Kayseri: Yahyalı, Senirköy, 1060 m, 25.06.1997, 1 specimen; Ankara: Kızılcahamam, Aköz village, 1150 m, 26.06.1997, 1 specimen; Adana: Pozantı-Mersin road, 1000 m, 27.06.2000, 1 specimen; Niğde: exit of Ulukışla, 1145-1350 m, 29.05.2001, 4 specimens; Aksaray: Aksaray-Ulukışla road, 1135 m, 29.05.2001, 2 specimens; Adana: Pozantı-Mersin road, 1025 m, 29.05.2001, 1 specimen; Adana: Pozantı-Mersin road, 701 m, 30.05.2001, 1 specimen; İçel: Mut-Karaman road, Değirmenbaşı, 1430 m, 02.06.2001, 3 specimens; İçel: Mut-Karaman road, Gökçeören pine grove, 1335 m, 02.06.2001, 2 specimens; Konya: exit of Ereğli 3rd km, 960 m, 03.06.2001, 2 specimens; İçel: Mut-Karaman road, Değirmenbaşı, 1425 m, 26.06.2001, 1 specimen; Asian Turkey (Anatolia): 10 specimens without label, leg. H. Özdikmen; Ankara: Beypazarı, Dereli village, 02.07.2005, 1 specimens, leg. V. Saiti.

Remarks: The species is new for Aksaray and Kayseri provinces and widely distributed in Turkey.

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

Material: Ankara: Kızılcahamam, Soğuksu National Park, 1400 m, 21.06.1991, 1 specimen; Konya: Kulu, 1230 m, 31.05.1997, 1 specimen; Niğde: Bor-Altunhisar, 07.06.1997, 2 specimens; Niğde: Bor, Üstünkaya, 07.06.1997, 1 specimen, leg. H. Özdikmen.

Remarks: The species is new for Konya and Niğde provinces and more or less widely distributed in Turkey.

***Theophilea cylindricollis* Pic, 1895**

Material: Asian Turkey (Anatolia): 24 specimens without label, leg. H. Özdikmen.

Remarks: The species is mostly distributed in North Turkey.

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

Material: Adana: Pozantı-Mersin road, 30.05.2001, 3 specimens; İçel: Fındıkpınarı, 950-1050 m, 31.05.2001, 4 specimens; İçel: Silifke-Uzuncaburç road, 660 m, 01.06.2001, 1 specimen, leg. H. Özdikmen.

Remarks: The species is new for Adana and İçel provinces and more or less widely distributed in Turkey.

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

Material: Konya: Ayrancı, Dikenlidere, 1200 m, 15.08.1980, 1 specimen, leg. V. Kartal; Osmaniye: Zorkun, 700 m, 23.05.1981, 1 specimen, leg. V. Kartal; Osmaniye: Zorkun, 900

m, 22.06.1982, 1 specimen, leg. V. Kartal; Aksaray: between Aşağı-Yukarı Dikmen, 1150 m, 22.06.1997, 2 specimens; Niğde: exit of Ulukışla-Pozantı, 1350 m, 26.06.2000, 9 specimens; İçel: Silifke-Kırobası road, 760 m, 28.06.2000, 1 specimen; Adana: Pozantı-Mersin road, 720 m, 30.05.2001, 1 specimen, leg. H. Özdikmen.

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

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

Material: Sivas: İşhan, 1350 m, 11.07.1982, 1 specimen; Ankara: Kızılcahamam, Güvem, 1100 m, 14.06.1997, 3 specimens; Ankara: Kızılcahamam, Aköz village, 1150 m, 26.06.1997, 1 specimen; Adana: Pozantı-Mersin road, 1050 m, 27.06.2000, 1 specimen; Adana: Pozantı-Mersin road, 701 m, 30.05.2001, 9 specimens; Ankara: Polatlı-Kadınhanı road, exit of Avdanlı village, 29.05.2005, 1 specimen, Asian Turkey (Anatolia): 20 specimens without label, leg. H. Özdikmen.

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

Agapanthia (Agapanthiella) asphodeli (Latreille, 1804)

Material: Ankara: Kızılcahamam, Işık Mountain, Keçikaya hill, 1615 m, 16.06.1988, 1 specimen; Ankara: Kızılcahamam, Işık Mountain, 30.06.1994, 2 specimens; Ankara: Kızılcahamam, Soğuksu National Park, 1250 m, 07.06.1997, 1 specimen; Ankara: Kızılcahamam, Aköz village, 1150 m, 26.06.1997, 2 specimens; Asian Turkey (Anatolia): 1 specimen without label, leg. H. Özdikmen.

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

Agapanthia (Agapanthiella) lateralis Ganglbauer, 1884

Material: Ankara: Çal Mountain, 1200 m, 17.06.1984, 1 specimen; Ankara: Kızılcahamam, Işık Mountain, 30.06.1994, 3 specimens; Ankara: Şereflikoçhisar, 950 m, 20.05.1997, 3 specimens; Aksaray: entry of Nevşehir-Aksaray, 20.05.1997, 1 specimen; Ankara: Çal Mountain, 1050 m, 28.05.1997, 1 specimen; Konya: Kulu, 1230 m, 31.05.1997, 4 specimens; Aksaray: Eşkil, Eşmekaya, 1040 m, 31.05.1997, 1 specimen; Ankara: Kızılcahamam, Güvem, 1100 m, 14.06.1997, 2 specimens; Konya: Kulu, Konya Makası, 1100 m, 21.06.1997, 1 specimen; Ankara: Şereflikoçhisar-Evren road, 1000 m, 21.06.1997, 2 specimens; Niğde: Çamardı, Bademdere-Elmalı, 1760 m, 24.06.1997, 2 specimens; Ankara: Kızılcahamam, Güvem, 1000 m, 26.06.1997, 1 specimen; Ankara: Kızılcahamam, Aköz village, 1150 m, 26.06.1997, 1 specimen; İçel: Silifke-Kırobası road, 710 m, 28.06.2000, 1 specimen; Niğde: exit of Ulukışla, 1350 m, 29.05.2001, 1 specimen; Asian Turkey (Anatolia): 7 specimens without label, leg. H. Özdikmen. Ankara: Kayaş, Bayındır dam, 21.06.2003, 2 specimens, leg. Ö. Yalçın.

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

Agapanthia (Smaragdula) violacea (Fabricius, 1775)

Material examined: Samsun: 50 m, 30.05.1983, 1 specimen, leg. V. Kartal; Niğde: Bor, Altunova, 1150 m, 18.05.1997, 1 specimen; Kayseri: Yahyalı, Derebağı, Şelale place, 1281 m, 02.06.1997, 2 specimens; Aksaray: Gülağaç, Kızılkaya, Aşıklı Höyük, 1100 m, 03.06.1997, 3 specimens; Niğde: Bor-Altunhisar, 07.06.1997, 8 specimens; Niğde: Bor, Üstünkaya, 07.06.1997, 17 specimens; Konya: Kulu, Konya Makası, 1100 m, 21.06.1997, 1 specimen; Adana: Pozantı, entry of Fındıklı, 1200 m, 23.06.1997, 2 specimens; İçel: Uzuncaburç road, 855 m, 01.06.2001, 2 specimens; İçel: Mut-Karaman road, Değirmenbaşı, 1430 m, 02.06.2001, 2 specimens; Turkey: 1 specimen without label, leg. H. Özdikmen.

Remarks: The species is new for İçel, Samsun and Aksaray provinces and more or less widely distributed in Turkey.

LITERATURE CITED

- Adlbauer, K.** 1988. Neues zur Taxonomie und Faunistik der Bockkäferfauna der Türkei (Coleoptera, Cerambycidae). *Entomofauna*, 9 (12): 257-297.
- Adlbauer, K.** 1992. Zur Faunistik und Taxonomie der Bockkäferfauna der Türkei II (Coleoptera, Cerambycidae). *Entomofauna*, 13 (30): 485-509.
- Alkan, H.** 2000. A study on the Cerambycidae species in Northern BlackSea Region and the introduction of Turkish forest Cerambycidae (Insecta, Coleoptera). K.T.Ü., Institute of Science, Engineering of Forestry, Trabzon, Turkey (Turkish).
- Althoff, J. & Danilevsky, M. L.** 1997. A Check-List of Longicorn Beetles (Coleoptera, Cerambycoidea) of Europe. Slovensko Entomološko Društvo Štefana Michielija. Ljubljana, 64 pp.
- Bense, U.** 1995. Illustrated key to the Cerambycidae (excl. Dorcadionini) and Vesperidae of Europe. Margraf Verlag, Germany, 512 pp.
- Bodemeyer, H. E. V.** 1900. Quer durch Klein Asien, in den Bulghar Dagh; Eine Naturwissenschaftliche studien-Reise. Coleopterologisches, 196 pp.
- Bodemeyer, H. E. V.** 1906. Beiträge zur Käferfauna von Klein Asien - Deutsche Entomologische Zeitschrift, 2: 417-437.
- Besçeli, Ö.** 1969. Biologies des insectes nuisibles dans la forest de recherches de Büyükdüz et mesures de protection, Publications of Institute of Forestry Research, No: 33, Ankara, 94 pp.
- Braun, W.** 1978. Die Dorcadienausbeute der Forschungsreisen von W. Heinz 1963-1977, Faunistische Aufstellung, Beschreibung einer neuen Unterart und Bemerkungen zur Systematik wenig bekannter Arten (Coleoptera, Cerambycidae). Nachrichtenblatt der Bayerischen Entomologen, 27 (6): 101-116.
- Braun, W.** 1979. Beitrag zur Kenntnis der Gattung Dorcadion Systematisch neu bewertete Dorcadion-Formen (Col., Cerambycidae). Nachrichtenblatt der Bayerischen Entomologen, 28 (5): 81-86.
- Breuning, S. & Villiers, A.** 1967. Cérambycides de Turquie (2. note). *L'Entomologiste*, 23 (3): 59-63.
- Danilevsky, M. L.** 2004. Systematic list of Longicorn Beetles (Cerambycoidea) of the territory of the former USSR (on the base of "Systematic list of Longicorn Beetles of the USSR" by A.L. Lobanov, M.L. Danilevsky, S.V. Murzin, 1981, and computer databases by A.L. Lobanov, 1979-1990). Available from: <http://www.zin.ru/Animalia/Coleoptera/eng/dbase30.htm>
- Defne, M. Ö.** 1954. Batı Karadeniz Bölgesindeki Göknarların Zararlı Böcekleri ve Mücadele Metodları. T. C. Tarım Bakanlığı, Orman Genel Müdürlüğü Yay. No. 105, 60-72.
- Demelt, C. V. & Alkan, B.** 1962. Short information of Cerambycidae Fauna of Turkey. Bitki Koruma Bülteni, 2 (10): 49-56.
- Demelt, C. V.** 1963. Beitrag zur Kenntnis der Cerambycidenfauna Kleinasiens und 13. Beitrag zur Biologie palaearkt. Cerambyciden, sowie Beschreibung einer neuen Oberea-Art. *Entomologische Blätter*, 59 (3) : 132-151.

- Demelt, C. V.** 1967. Nachtrag zur Kenntnis der Cerambyciden-Fauna Kleinasiens. Entomologische Blätter, 63 (2): 106-109.
- Fairmaire, M. L.** 1884. Liste des Coleopteres recueillis par M. l'abbé David a Akbes (Asie-Mineure) et Descriptions des Especies Nouvelles. Annales de la Societe entomologique de France, Octobre (1884): 165-180.
- Fuchs, E. & Breuning, S.** 1971. Die Cerambycidenausbeute der Anatolienexpedition 1966-67 des Naturhistorischen Museums, Wien. Annalen Naturhistorischen Museum Wien, 75: 435-439.
- Gfeller, W.** 1972. Cerambycidae (Coleoptera) der Türkei-Persienexpedition 1970 der Herren Dr. H. c. W. Wittmer und U. v. Botmer. Mitteilungen der Entomologischen Gesellschaft Basel, 22 (1): 1-8.
- Gül-Zümreoğlu, S.** 1972. Catalogue of Insect and common pests (1928-1969). T. C. Publications of Agriculture Ministry, Bornova, İzmir, 119 pp.
- Gül-Zümreoğlu, S.** 1975. Investigations on taxonomy, host plants and distribution of the Longhorned Beetles (Cerambycidae-Coleoptera) in Aegean Region. T. C. Ministry of Food, Agriculture and Stockbreeding, No : 28, , İstiklal Press, İzmir, 208 pp.
- Kasatkin, D. G.** 2005. [About a system of the genus *Plagionotus* sensu lato (Coleoptera: Cerambycidae: Clytini). Caucasian Entomological Bulletin], 1 (1): 49-54 [in Russian].
- Lodos, N.** 1998. Entomology of Turkey VI (General, Applied and Faunistic). Ege Ü. Ziraat Fak. Yayınları No: 529, E. Ü. Faculty of Agriculture Press, İzmir, 300 pp.
- Malmusi, M. & Saltini, L. (2000)** Cerambycidae raccolti dai componenti del Gruppo Modenese Scienze Naturali durante escursioni in Anatolia (1987-2000). Modena, Settembre, 2000.
- Önalp, B.** 1988. Taxonomic researches on *Agapanthia* Serville, 1835 species (Coleoptera, Cerambycidae: Lamiinae) I. H. Ü. Eğitim Fakültesi Dergisi, 3: 257-295.
- Önalp, B.** 1989. Taxonomic researches on *Agapanthia* Serville, 1835 species (Coleoptera, Cerambycidae: Lamiinae) II. H. Ü. Eğitim Fakültesi Dergisi, 4: 197-234.
- Önalp, B.** 1990. Systematic researches on *Dorcadion* Dalman, 1817 species in Turkey (Coleoptera, Cerambycidae: Lamiinae) I. H. Ü. Eğitim Fakültesi Dergisi, 5: 57-102.
- Önalp, B.** 1991. Systematic researches on *Dorcadion* Dalman, 1817 species in Turkey (Coleoptera, Cerambycidae: Lamiinae) II. H. Ü. Eğitim Fakültesi Dergisi, 6: 191-227.
- Öymen, T.** 1987. The Forest Cerambycidae of Turkey. İ. Ü. Forest Faculty, İstanbul, 146 pp.
- Özdikmen, H.** 2003. The Genus *Cortodera* Mulsant, 1863 (Cerambycidae: Coleoptera) in Turkey, Phytoparasitica, 31 (5): 433-441.
- Özdikmen, H. & Çağlar, Ü.** 2004. Contribution to the Knowledge of Longhorned Beetles (Coleoptera, Cerambycidae) from Turkey, Subfamilies Prioninae Lepturinae, Spondylidinae and Cerambycinae. Journal of the Entomological Research Society, 6 (1): 39-69.
- Özdikmen, H. & Hasbenli, A.** 2004. Contribution to the Knowledge of Longhorned Beetles (Coleoptera, Cerambycidae) from Turkey, Subfamily Lamiinae. Journal of the Entomological Research Society, 6 (2): 25-49.

- Pesarini, C. & Sabbadini, A.** 2004. Osservazioni sulla sistematica della tribu Agapanthiini Mulsant, 1839 (Coleoptera Cerambycidae). Atti della Societa Italiana di Scienze Naturali e del Museo Civico di Storia Naturale in Milano, 145 (1): 117-132.
- Rejzek, M. & Hoskovec, M.** 1999. Cerambycidae of Nemrut Dađı National Park (Anatolia, South-East Turkey). Biocosme Mésogéen, Nice, 15 (4): 257-272.
- Rejzek, M., Sama, G. & Alziar, G.** 2001. Host Plants of Several Herb-Feeding Cerambycidae Mainly from East Mediterranean Region (Coleoptera : Cerambycidae). Biocosme Mésogéen, Nice, 17(4): 263-294.
- Sama, G.** 1982. Contributo allo studio dei coleotteri Cerambycidae di Grecia e Asia Minore. Fragmenta Entomologica, Roma, 16 (2): 205-227.
- Sama, G.** 2002. Atlas of the Cerambycidae of Europe and the Mediterranean Area, Volume I, Kabourek, Zlin, 173 pp.
- Schmitschek, E.** 1944. Forstinsekten der Türkei und Ihre Umwelt Grundlagen der türkischen Forstentomologie, Volk und Reich Verlag Prag, 125-141 pp.
- Sekendiz, O. A.** 1981. Researches on important damaging animal species of Eastern Black Sea Region. K. T. Ü. Publication of Forest Faculty, No : 12, Trabzon, 114 pp.
- Tauzin, P.** 2000. Complement a l'inventaire des Coleopteres Cerambycidae de Turquie. L'Entomologiste, 56 (4): 151-153.
- Tauzin, P.** 2001. Correctif a la note: Complement a l'inventaire des Coleopteres Cerambycidae de Turquie. L'Entomologiste, 57 (2): 51.
- Tosun, İ.** 1975. The damaging insect species at conifer forests in Mediterranean Region and researches on their predators and parasites. İ. Ü. Orman Fakültesi Dergisi, 26 (2): 218-254.
- Tozlu, G., Rejzek, M. & Özbek, H.** 2002. A contribution to the knowledge of Cerambycidae (Coleoptera) fauna of Turkey. Part I: Subfamilies Prioninae to Cerambycinae. Biocosme Mésogéen, Nice, 19 (1-2): 55-94.
- Tozlu, G., Rejzek, M. & Özbek, H.** 2003. A Contribution to the Knowledge of Cerambycidae (Coleoptera) Fauna of Turkey Part II : Subfamily Lamiinae. Biocosme Mésogéen, Nice, 19 (3): 95-110.
- Villiers, A.** 1959. Cérambycides de Turquie. L' Entomologiste, 15 (1-2): 7-11.
- Villiers, A.** 1967. Coléoptères Cérambycides de Turquie (1. Partie) - L' Entomologiste, 23 (1): 18-22.
- Winkler, A.** 1924-1932. Catalogus Coleopterorum regionis palaearticae. Verlag von Albert Winkler, 1135-1226.

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