

## LONGICORN BEETLES KNOWN FROM KAHRAMANMARAŞ PROVINCE WITH A NEW SUBSPECIES AND NEW DATA (COLEOPTERA: CERAMBYCIDAE)

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**ABSTRACT:** The paper presents updated faunal list of longicorn beetles from Kahramanmaraş province, Turkey through obtained data from two basis as reviewing of the references and new data on the base of specimens collected from the province. The list is included all known longicorn beetle taxa that are a total of 152 species-group taxa (86 species and 66 subspecies) of 58 genera belonging to 32 tribes of 9 subfamilies, of Kahramanmaraş province. Among them, 12 species are recorded for the first time from Kahramanmaraş province, while a total of 44 species-group taxa (20 species and 24 subspecies) are endemic to Turkey. In addition, a new subspecies, *Dorcadion (Cribridorcadion) menradi diversum* ssp. nov., from Andırın district of Kahramanmaraş province is described and figured in the text.

**KEY WORDS:** Cerambycidae, new subspecies, new data, fauna, Kahramanmaraş, Turkey

Kahramanmaraş province is located in the Mediterranean region of Turkey, in the North-Eastern part of the Eastern Mediterranean region, in the area where the Mediterranean, Eastern Anatolian and South-Eastern Anatolian regions come closest to each other. With this settlement, it has a location in the transition zone of the Irano-Turanian and Mediterranean phytogeographic regions.

The province is located between 37-38 North parallels and 36-37 East meridians (37°53'54"N 36°58'16"E). It is surrounded by Malatya and Adıyaman provinces in the East, Kayseri and Adana provinces in the West, Gaziantep and Osmaniye provinces in the South, and Sivas province in the North (Fig. 1). Kahramanmaraş province has a total of 12 districts including the central district: Afşin, Andırın, Central, Çağlayancerit, Dulkadiroğlu, Ekinözü, Elbistan, Göksun, Nurhak, Onikisubat, Pazarcık and Türkoğlu districts.

Kahramanmaraş province is Turkey's 11th largest province with a surface area of 14,327 km<sup>2</sup>. The center of the province is 568 m above sea level and the altitude varies between 350-3000 m. The northern parts of the province are quite mountainous, and the landforms are generally composed of mountains, which are the extensions of the South-East Taurus Mountains, and the collapsed plains between them. 59.7% of its land is covered with mountains, 24% with plateaus and 16.3% with plains.

Kahramanmaraş is home to 2500 flowering plants and ferns. 20% of these plants are endemic (specific to the province). The main sources of this wealth are;

The province's location in the transition zone of the Irano-Turanian and Mediterranean phytogeographic regions, its location in the South of the Anatolian cross, which is one of the important endemic centers of Turkey, its geomorphological features, microclimate and habitat diversity. There is a significant stratification of vegetation in Kahramanmaraş depending on the altitude. There are 4 types of plant formations: steppe, bush, forest and high mountain formations. Of these, the bush formation is located between 500-1200 meters. This vegetation, which consists of mixed shrubs, has a maquis character and includes species such as kermes oak, thuja, labdanum, sandalwood, olive, ash, sumac, maple, blackthorn, redbud. There are forests that can be separated as dry and semi-humid in parts up to 350 and 2000 meters. There are red pines up to 800 meters. There are also deciduous trees among the red pines. There are larch, fir, cedar, juniper and oak species between 900-2000 meters. In addition, an area of 508,450 hectares, corresponding to 35% of the province, is forest.



Figure 1. Location of Kahramanmaraş province in Turkey.

The first study on longicorn beetle fauna of Kahramanmaraş province was dated 1948, and in this study, the subspecies *Dorcadion obtusum marshense* was described by Breuning (1948) from this province. Afterwards, the first studies are encountered in the last half of the 20th century. Most of these studies included a single taxon described from the province or only a few taxa reported from the province (Nizamlioğlu & Gökmen, 1964; Breuning et Villiers, 1967; Demelt, 1967; Breuning, 1970; Demelt, 1970; Fuchs & Breuning, 1971; Braun, 1978; Adlbauer, 1988; Önalp, 1988; Holzschuh, 1989; Önalp, 1990; Adlbauer, 1992; Sama, 1995). In a study conducted towards the end of the 20th century, Kanat (1998) reported 9 taxa from the province, which is the highest number of taxa mentioned in a study until that time.

After this first period, from the beginning of the 21st century until today, the information about the fauna of the province has increased in parallel with the increase in studies. With the studies carried out in this period, the fauna of the province known today was revealed (Tauzin, 2000; Rejzek et al., 2001; Tozlu et al., 2002; Özdikmen & Hasbenli, 2004; Özdikmen & Demirel, 2005; Özdikmen &

Demir, 2006; Özdikmen & Okutaner, 2006; Özdikmen, 2007, 2008a,b, 2010, 2011, 2012a,b,c, 2013, 2014a,b,c,d,e,f,g,h, 2015, 2016a,b,c, 2017a,b, 2020, 2021a,b,c,d,e,f, 2022a,b; Özdikmen & Turgut, 2007, 2008a,b, 2009a,b,c,d,e,f, 2010, 2015; Özdikmen et al., 2009, 2010, 2012, 2014a,b, 2021; Cebeci et al., 2011; Sama et al., 2011, 2012a,b; Özdikmen & Aytar, 2012; Küçükayıkı et al., 2013; Şenyüz & Özdikmen, 2013; Cihan et al., 2013; Özdikmen & Cihan, 2015; Özbek et al., 2015; Özdikmen & Cihan, 2016; Özdikmen & Koçak, 2016a,b; Rapuzzi & Sama, 2018; Tezcan et al., 2020a,b; Özdikmen & Tezcan, 2020a,b,c,d,e; Rapuzzi et al., 2021; Özdikmen & Bolu, 2021; Özdikmen & Laz, 2022; Ataş et al., 2022).

Among these studies, the studies that contributed the most in terms of faunistic knowledge were Özdikmen & Okutaner (2006) with 56 taxa, Özbek et al. (2015), Laz with 17 taxa (2015) and Cihan et al. (2013).

On the other side, a total of 15 longicorn beetle taxa have originally been described by various authors from Kahramanmaraş province up to now. These are *Cortodera flavimana oezdikmeni* Danilevsky, 2015, *Ropalopus ledereri wittmeri* Demelt, 1970, *Chlorophorus oezdikmeni* Sama & Rapuzzi, 2011, *Molorchus sterbai* Adlbauer, 1988, *Leiopus syriacus abieticola* Sama & Rapuzzi, 2010, *Dorcadion amaliae* Pesarini & Sabbadini, 2013, *Dorcadion caglayanceritense* Bernhauer & Peks, 2013, *Dorcadion goelbasiense goelbasiense* Bernhauer & Peks, 2013, *Dorcadion goelbasiense oeksuezdagense* Bernhauer & Peks, 2013, *Dorcadion infernale miminfernale* Breuning, 1970, *Dorcadion menradi* Holzschuh, 1989, *Dorcadion narlianum* Özdikmen, Mercan & Cihan, 2012, *Dorcadion obtusum marashense* Breuning, 1948, *Dorcadion oezdurali* Önalp, 1988 and *Dorcadion ortrudae* Braun, 1978. Among them, only *Dorcadion amaliae* Pesarini & Sabbadini, 2013 is not valid taxon as a synonym of *Dorcadion andirinese* Bernhauer & Peks, 2011 respectively. The remaining 14 taxa are currently valid.

The present study was conducted on two basis. The first of the basis is the obtained data based on the review of the above-mentioned literature, and the other is the obtained new data based on the samples collected from the province of Kahramanmaraş between the years 2013 and 2022. So, the data obtained with the current study are listed below. Turkish endemic taxa are marked with "\*" in the present text.

## **LONGICORN BEETLE TAXA OF KAHRAMANMARAS PROVINCE**

Family **CERAMBYCIDAE** Latreille, 1802

Subfamily **ASEMINAE** J. Thomson, 1861

Tribe **Asemini** J. Thomson, 1861

Genus **Arhopalus** Audinet-Serville, 1834

### ***Arhopalus rusticus* (Linnaeus, 1758)**

**Material.** Kahramanmaraş prov.: Andırın district, Akifiye, 37°40'39.89" N 36°23'20.88" E, VII.2013-2014, 1450 m, *Fagus*, *Abies*, *Pinus nigra* field, 4 exs.

**Remark.** It is also known from references.

Genus *Asemum* Eschscholtz, 1830

***Asemum striatum* (Linnaeus, 1758)**

**Material.** Kahramanmaraş prov.: Türkoğlu district, 37°19'15.04" N 36°56'28.2" E, VI-VII.2021, 554 m, pheromone traps in *Pinus brutia* afforestation area, 3 exs.

**Remark.** It is new to Kahramanmaraş province.

Genus *Cephalocrius* Sharp, 1905

***Cephalocrius syriacus* (Reitter, 1895)**

**Material.** Kahramanmaraş prov.: Türkoğlu district, 37°19'15.04" N 36°56'28.2" E, 2021, 554 m, into pheromone traps in *Pinus brutia* afforestation area, 2 exs.

**Remark.** It is new to Kahramanmaraş province.

Subfamily CERAMBYCINAE Latreille, 1802

Tribe **Callichromatini** Swainson & Shuckard, 1840

Genus *Aromia* Audinet-Serville, 1834

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

**Material.** Kahramanmaraş prov.: Central district, KSÜ Avşar Campus, 37°35'18.01" N 36°49'5.30" E, V.2021, 533 m, on *Salix* sp. trees, 14 exs.

**Remark.** It is also known from references.

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

**Remark.** It is only known from references.

Tribe **Callidiini** Kirby, 1837

Genus *Phymatodes* Mulsant, 1839

Subgenus *Phymatodes* Mulsant, 1839

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

**Material.** Kahramanmaraş prov.: Andırın district, Akçadağ, 37°42'10.83" N 36°17'38.26" E, 2015, 1315 m, *Cedrus*, *Abies*, *Quercus* mixed area, 3 exs.

**Remark.** It is also known from references.

Genus *Ropalopus* Mulsant, 1839

Subgenus *Ropalopus* Mulsant, 1839

***Ropalopus ledereri wittmeri* Demelt, 1970**

**Remark.** It is only known from references.

Tribe **Cerambycini** Latreille, 1802

Genus *Cerambyx* Linnaeus, 1758

Subgenus *Cerambyx* Linnaeus, 1758

***Cerambyx cerdo cerdo* Linnaeus, 1758**

**Remark.** It is only known from references.

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

**Remark.** It is only known from references.

***Cerambyx miles* Bonelli, 1812**

**Remark.** It is only known from references.

***Cerambyx nodulosus nodulosus* Germar, 1817**

**Remark.** It is only known from references.

***Cerambyx welensii welensii* (Küster, 1845)**

**Material.** Kahramanmaraş prov.: Dulkadiroğlu district, Kapıçam Botanical Park, 24.V.2022, 600 m, *Elaeagnus angustifolia*, 1 ex.

**Remark.** It is also known from references.

Subgenus *Microcerambyx* Mikšić & Georgijevic, 1973

**\**Cerambyx scopolii nitidus* Pic, 1892 [= 1893]**

**Remark.** It is only known from references.

Tribe **Certallini** Fairmaire, 1864

Genus ***Certallum*** Dejean, 1821

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

**Material.** Kahramanmaraş prov.: Central district, KSÜ Karacasu Campus, 37°31'11.31" N 36°59'48.48" E, 2019, 555 m, 5 exs.

**Remark.** It is also known from references.

Tribe **Clytini** Mulsant, 1839

Genus ***Chlorophorus*** Chevrolat, 1863

Subgenus ***Chlorophorus*** Chevrolat, 1863

***Chlorophorus damascenus* (Chevrolat, 1854)**

**Remark.** It is only known from references.

***Chlorophorus varius* (O. F. Müller, 1766)**

**Remark.** It is only known from references.

Subgenus ***Crassofasciatus*** Özdikmen, 2011

***Chlorophorus hungaricus* Seidlitz, 1891**

**Remark.** It is only known from references.

**\**Chlorophorus oezdikmeni* Sama & Rapuzzi, 2011**

**Remark.** It is only known from references.

Subgenus ***Humeromaculatus*** Özdikmen, 2011

***Chlorophorus dinae* Rapuzzi & Sama, 1999**

**Remark.** It is only known from references.

***Chlorophorus nivipictus* (Kraatz, 1879)**

**Remark.** It is only known from references.

Subgenus ***Perderomaculatus*** Özdikmen, 2011

***Chlorophorus sartor* (O. F. Müller, 1766)**

**Remark.** It is only known from references.

***Chlorophorus sparsus* (Reitter, 1886)**

**Remark.** It is only known from references.

Genus ***Clytus*** Laicharting, 1784

Subgenus ***Clytus*** Laicharting, 1784

**\**Clytus ciliciensis* (Chevrolat, 1863)**

**Remark.** It is only known from references.

***Clytus rhamnii temesiensis* (Germar, 1823)**

**Remark.** It is only known from references.

***Clytus taurusiensis* (Pic, 1903)**

**Material.** Kahramanmaraş prov.: between Kahramanmaraş-Adıyaman, 37°16'15.78" N 36°46'3.14" E, 2017, 468 m, *Ficus carica*, 1 ex.

**Remark.** It is also known from references.

Genus ***Echinocerus*** Mulsant, 1862

***Echinocerus floralis floralis* (Pallas, 1773)**

**Material.** Kahramanmaraş prov.: Dulkadiroğlu district, Gaziantep road 10<sup>th</sup> km, 19.V.2022, 600 m, on *Althea officinalis*, 2 exs.

**Remark.** It is also known from references.

Genus ***Neoplacionotus*** Kasatkin, 2005

***Neoplacionotus bobelayei bobelayei* (Brullé, 1832)**

**Remark.** It is only known from references.

***Neoplacionotus bobelayei huseyini* Lazarev, 2016**

**Remark.** It is only known from references.

Genus ***Placionotus*** Mulsant, 1842

**\**Placionotus arcuatus tastani* Özdikmen, Atak & Uçkan, 2017**

**Material.** Kahramanmaraş prov.: Türkoğlu, 37°24' N 36°51' E, 2019, *Quercus* area, 1 ex.

**Remark.** It is new to Kahramanmaraş province.

***Placionotus detritus detritus* (Linnaeus, 1758)**

**Remark.** It is only known from references.

Genus ***Xylotrechus*** Chevrolat, 1860

Subgenus ***Turanoclytus*** Sama, 1994

**\**Xylotrechus sieversi deyrollei* (Pic, 1897)**

**Material.** Kahramanmaraş prov.: Central district env., 37°37'28.2" N 36°55'00.2" E, 05.V.2022, 1391 m, *Astragalus* sp., 5 exs.

**Remark.** It is also known from references. Old records of *Xylotrechus sieversi* (Ganglbauer, 1890) in the references should be attributed to this subspecies.

Tribe **Graciliini** Mulsant, 1839

Genus **Penichroa** Stephens, 1839

**Penichroa fasciata (Stephens, 1831)**

**Material.** Kahramanmaraş prov.: Central district, 37°26'36.61" N 37° 6'5.73" E, 2018, 671 m, into pheromone traps in *Pinus brutia* afforestation area, 1 ex.

**Remark.** It is new to Kahramanmaraş province.

Tribe **Hesperophanini** Mulsant, 1839

Genus **Stromatium** Audinet-Serville, 1834

**Stromatium auratum (Böber, 1793)**

**Remark.** It is only known from references.

Genus **Trichoferus** Wollaston, 1854

**\*Trichoferus samai Kadlec & Rejzek, 2001**

**Material.** Kahramanmaraş prov.: Dulkadiroğlu district, Gafarlı, 37°26'36.61" N 37°6'5.73" E, 2021, 671 m, into pheromone traps in *Pinus brutia* afforestation area, 3 exs.

**Remark.** It is new to Kahramanmaraş province.

Tribe **Hylotrupini** Zagajkevitch, 1991

Genus **Hylotrupes** Audinet-Serville, 1834

**Hylotrupes bajulus (Linnaeus, 1758)**

**Material.** Kahramanmaraş prov.: Central district, 37°38' N 36°37' E, 2017, from floorboards in the homes, 5 exs.

**Remark.** It is also known from references.

Tribe **Purpuricenini** J. Thomson, 1861

Genus **Purpuricenus** Dejean, 1821

**Purpuricenus budensis (Götz, 1783)**

**Remark.** It is only known from references.

**Purpuricenus dalmatinus Sturm, 1843**

**Material.** Kahramanmaraş prov.: Central district, Industrial Site env., 2019, 1 ex.

**Remark.** It is also known from references. It seems that the specimens from Southern Anatolia (Antalya province: Kemer district to Kahramanmaraş province or even Adıyaman province) differ from other known populations of the nominative form by relatively larger light reddish portion of apical part of elytra (Fig. 2). We think it may be described as a new infraspecific taxon. However, the variations of elytral design are common in this species. So the population in Southern Anatolia needs further detailed investigations to description as a new taxon.

***Purpuricenus interscapillatus interscapillatus* Plavilstshikov, 1937**

**Remark.** It is only known from references.

***Purpuricenus interscapillatus nudicollis* Demelt, 1968**

**Remark.** It is only known from references.

**\**Purpuricenus nigronotatus* Pic, 1907**

**Remark.** It is only known from references.



Figure 2. *Purpuricenus dalmatinus* Sturm, 1843.

Subfamily **DORCADIONINAE** Swainson, 1840

Tribe **Dorcadionini** Swainson, 1840

Genus ***Dorcadion*** Dalman, 1817

Subgenus ***Cribridorcadion*** Pic, 1901

**\**Dorcadion accola* Heyden, 1894**

**Remark.** It is only known from references.

**\**Dorcadion anaticum* Pic, 1900**

**Remark.** It is only known from references.

**\**Dorcadion andirinense* Bernhauer & Peks, 2011**

**Material.** Kahramanmaraş prov.: Andırın district, between Andırın-Çiçekli village, 37°34'34.70" N 36°20'29.99" E, 2016, 1021 m, *Pinus brutia* afforestation area env., 1 ex.

**Remark.** It is also known from references.

***Dorcadion bangi heinzorum* Braun, 1975**

**Remark.** It is only known from references. However, it is a misidentification clearly. Since it is impossible for Kahramanmaraş province. So, old records in the references should be attributed to *Dorcadion goelbasiense goelbasiense* Bernhauer & Peks, 2013 or *Dorcadion variegatum* Ganglbauer, 1884.

***Dorcadion blanchardi* Mulsant & Rey, 1863**

**Remark.** It is only known from references.

**\**Dorcadion caglayanceritense* Bernhauer & Peks, 2013**

**Material.** Kahramanmaraş prov.: Onikişubat district, Yavşan T.P., 1 ex.



**Remark.** It is also known from references.

**\**Dorcadion catenatum catenatum* Waltl, 1838**

**Remark.** It is only known from references.

**\**Dorcadion catenatum intercisum* Kraatz, 1873**

**Remark.** It is only known from references.

**\**Dorcadion deyrollei opacum* Pesarini & Sabbadini, 2013**

**Remark.** It is only known from references.

**\**Dorcadion goelbasiense goelbasiense* Bernhauer & Peks, 2013**

**Material.** Kahramanmaraş prov.: Onikişubat district, Yavşan T.P., 1 ex.

**Remark.** It is also known from references.

**\**Dorcadion goelbasiense oeksuezdagense* Bernhauer & Peks, 2013**

**Remark.** It is only known from references.

***Dorcadion halepense halepense* Kraatz, 1873**

**Remark.** It is only known from references.

**\**Dorcadion halepense sehikamilense* Özdikmen et al., 2012**

**Remark.** It is only known from references.

**\**Dorcadion infernale miminfernale* Breuning, 1970**

**Remark.** It is only known from references. Also, old records of *Dorcadion infernale* Mulsant et Rey, 1863 in the references should be attributed to this subspecies.

***Dorcadion lameerei* Théry, 1896**

**Remark.** It is only known from references. However, it is a misidentification clearly. Since it is impossible for Kahramanmaraş province. So, old records in the references should be attributed to *Dorcadion goelbasiense goelbasiense* Bernhauer & Peks, 2013 or *Dorcadion variegatum* Ganglbauer, 1884.

**\**Dorcadion menradi menradi* Holzschuh, 1989**

**Remark.** It is only known from references.

**\**Dorcadion menradi diversum* ssp. nov.**

(Fig. 3)

**Holotype** ♂: Turkey: Kahramanmaraş province, Andırın district, between Andırın and Çiçekli village, 37°34'13.90" N 36°20'16.45" E, 2021, 1000 m, leg. B. Laz; **Paratype** ♂: Same with holotype. The specimens are deposited in collection of B. Laz (Turkey: Kahramanmaraş).

**Body length:** 10 mm

**Diagnosis.** The new subspecies strongly differs from the nominative subspecies by denser and larger punctations on pronotum (only an exception of a small smooth area in the middle of disc) and elytra (especially in basal third), by distinct furrows on elytra (especially in basal third), by entirely black elytral apex, and and coloration of antennae and legs.

According to original description of the nominative subspecies, Disc of pronotum is almost uniformly curved, smooth and shiny, inconspicuously shallow and sparsely punctured, somewhat more heavily on the sides (the punctures are reminiscent of hammered metal) (“... *Halsschild* ... . *Scheibe fast gleichmäßig gewölbt, glatt und glänzend, unscheinbar seicht und spärlich punktiert, an den Seiten etwas stärker (die Punktierung erinnert an ein mit dem Hammer bearbeitetes Metall)*...”). In the new subspecies, pronotal punctation is clearly denser and larger (an exception small smooth area in the middle of disc).

According to original description of the nominative subspecies, elytral shoulders, however, clearly somewhat more angular with a faint humeral edge

and a few very coarse granules on top, other parts of elytra is smooth and shiny, only at the base with a few inconspicuous points (“... *Flügeldecken* ..., *die Schultern jedoch deutlich etwas eckiger mit schwacher Humeralkante und darauf mit ein paar sehr groben Körnchen, ansonst glatt und glänzend, nur an der Basis mit ein paar unscheinbaren Punkten...*”). In the new subspecies, elytral punctation is clearly more and larger (especially basal third). In addition, elytra has furrows especially in basal parts.

According to original description of the nominative subspecies, apex of the elytra narrowly reddish mostly in the nominative subspecies (“... *Apex der Flügeldecken meist schmal rötlich...*”), while completely black in the new subspecies.

According to original description of the nominative subspecies, legs and antennae are reddish brown, the antennae are darker towards the tip (“... *Beine und Fühler rotbraun, letztere gegen die Spitze dunkler; Apex der Flügeldecken meist schmal rötlich...*”). In the new subspecies, legs are clearly light reddish, while antennae completely dark brown. So, there is a distinct contrast in color between the legs and antennae (not same in color).



Figure 3. *Dorcadion menradi diversum* ssp. nov., holotype male.

**Distribution.** It is known from Andırın district in South-Western part of Kahramanmaraş province.

*Dorcadion menradi* was described by Holzschuh (1989) based on holotype from Kahramanmaraş province (Afşin district), and paratypes from the same locality of holotype, Elbistan district of Kahramanmaraş province and Malatya province. It is known only the type localities until now. The type localities, Afşin and Elbistan districts (except for Malatya province further East), are located in North-Eastern part of Kahramanmaraş province. However, Andırın district that is the type locality of new subspecies, is located in South-Western part of Kahramanmaraş province, and the distance between Andırın and Afşin is 110 km, while the distance between Andırın and Elbistan is 132 km.

**\**Dorcadion narlianum* Özdikmen, Mercan & Cihan, 2012**

**Remark.** It is only known from references.

**\**Dorcadion obtusum marashense* Breuning, 1948**

**Remark.** It is only known from references.

**\**Dorcadion oezdurali* Önalp, 1988**

**Material.** Kahramanmaraş prov.: Dulkadiroğlu district, Karacasu Campus, 2019, 550 m, 2 exs.

**Remark.** It is also known from references.

**\**Dorcadion ortrudae* Braun, 1978**

**Remark.** It is only known from references.

***Dorcadion saulcyi* J. Thomson, 1865**

**Remark.** It is only known from references.

**\**Dorcadion scabricolle salhanum* Lazarev, 2020**

**Remark.** It is only known from references. Also, old records of *Dorcadion scabricolle* Dalman, 1817 and *Dorcadion scabricolle paphlagonicum* Breuning, 1962 in the references should be attributed to this subspecies.

**\**Dorcadion sinuatevittatum* Pic, 1937**

**Remark.** It is only known from references.

***Dorcadion variegatum* Ganglbauer, 1884**

**Remark.** It is only known from references.

Subfamily LAMIINAE Latreille, 1825

Tribe Acanthocinini Blanchard, 1845

Genus *Acanthocinus* Dejean, 1821

Subgenus *Acanthocinus* Dejean, 1821

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

**Material.** Kahramanmaraş prov.: Adıran district, Boztopraklı, 37°32'7.02" N 36°16'59.39" E, 2017, 945 m, *Pinus brutia* area, 5 exs.

**Remark.** It is also known from references.

***Acanthocinus griseus* (Fabricius, 1793)**

**Material.** Kahramanmaraş prov.: Türkoğlu district, 37°38'12.58" N 36°39'18.44" E, 2021, 485 m, into pheromone traps in *Pinus brutia* area, 123 exs.

**Remark.** It is new to Kahramanmaraş province.

Genus *Leiopus* Audinet-Serville, 1835

Subgenus *Leiopus* Audinet-Serville, 1835

***Leiopus cf. nebulosus caucasicus* (Ganglbauer, 1887)**

**Material.** Kahramanmaraş prov.: Türkoğlu district, 37°19'15.04" N 36°56'28.2" E, 2021, 554 m, into pheromone trap in *Pinus brutia* afforestation area, 1 ex.

**Remark.** It is new to Kahramanmaraş province.

**\**Leiopus syriacus abieticola* Sama & Rapuzzi, 2010**

**Remark.** It is only known from references. Also, old records of *Leiopus syriacus* Ganglbauer, 1884 in the references should be attributed to this subspecies.

Tribe **Agapanthiini** Mulsant, 1839

Genus **Agapanthia** Audinet-Serville, 1835

Subgenus **Agapanthia** Audinet-Serville, 1835

**Agapanthia cardui** (Linnaeus, 1767)

**Remark.** It is only known from references.

Subgenus **Agapanthia suturalis** (Fabricius, 1787)

**Material.** Kahramanmaraş prov.: Central district, Karacasu Campus, 37°31'14.85" N 36°59'47.51" E, 2019, 556 m, *Pinus brutia* area env., 7 exs.; Kahramanmaraş prov.: Dulkadiroğlu district, Gaziantep road 10<sup>th</sup> km, 19.V.2022, 600 m, 1 ex.

**Remark.** It is also known from references.

Subgenus **Agapanthoplia** Pesarini & Sabbadini, 2004

**Agapanthia coeruleipennis** Frivaldszky, 1878

**Material.** Kahramanmaraş prov.: Dulkadiroğlu district, Elmalar, 37°26'29.22" N 37°6'18.72" E, 2019, 662 m, *Gundelia tournefortii*, 88 exs.

**Remark.** It is also known from references.

Subgenus **Epoptes** Gistel, 1857

**Agapanthia cf. cynarae cynarae** (Germar, 1817)

**Material.** Kahramanmaraş prov.: Central district env., 37°36'45.26" N 36°48'14.33" E, 2017, 474 m, *Asphodelus aestivus*, 13 exs.

**Remark.** It is new to Kahramanmaraş province.

\***Agapanthia lateralis** Ganglbauer, 1884

**Material.** Kahramanmaraş prov.: Central district, 37°31'11.72" N 36°59'44.28" E, 2019, 559 m, 3 exs.

**Remark.** It is also known from references.

**Agapanthia villosoviridescens** (DeGeer, 1775)

**Remark.** It is only known from references.

Subgenus **Homoblephara** Pesarini & Sabbadini, 2004

**Agapanthia maculicornis maculicornis** (Gyllenhal, 1817)

**Remark.** It is only known from references.

Subgenus **Smaragdula** Pesarini & Sabbadini, 2004

**Agapanthia chalybea** Faldermann, 1837

**Remark.** It is only known from references.

**Agapanthia lais** Reiche & Saulcy, 1858

**Remark.** It is only known from references.

**Agapanthia violacea** (Fabricius, 1775)

**Remark.** It is only known from references.

Subgenus **Synthapsia** Pesarini & Sabbadini, 2004

**Agapanthia kirbyi kirbyi** (Gyllenhal, 1817)

**Remark.** It is only known from references.

Genus ***Calamobius*** Guérin-Ménéville, 1847

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

**Material.** Kahramanmaraş prov.: Dulkadiroğlu district, Karacasu Campus, 37°31'11.72" N 36°59'44.28" E, 2019, 559 m, 2 exs.

**Remark.** It is also known from references.

Tribe **Apodasyini** Lacordaire, 1872

Genus ***Anaesthetis*** Dejean, 1835

***Anaesthetis anatolica* Holzschuh, 1969**

**Remark.** It is only known from references.

Tribe **Exocentrini** Pascoe, 1864

Genus ***Exocentrus*** Dejean, 1835

***Exocentrus adpersus* Mulsant, 1846**

**Remark.** It is only known from references.

Tribe **Lamiini** Latreille, 1825

Genus ***Morimus*** Brullé, 1832

***Morimus orientalis* Reitter, 1894**

**Material.** Kahramanmaraş prov.: Dulkadiroğlu district, 37°24'11.31" N 37°3'1.78" E, 2016 and 2021, 653 m, into pheromone traps in *Pinus brutia* afforestation area, 2 exs.

**Remark.** It is also known from references.

Tribe **Monochamini** Gistel, 1848

Genus ***Monochamus*** Dejean, 1821

Subgenus ***Monochamus*** Dejean, 1821

***Monochamus galloprovincialis tauricola* Pic, 1912**

**Material.** Kahramanmaraş prov.: Central district, 37°38'27.55" N 36°39'50.86" E, 08.VII.2021, 528 m, into pheromone traps in *Pinus brutia* area, 5 exs.

**Remark.** It is also known from references.

Tribe **Phytoeciini** Mulsant, 1839

Genus ***Mallosia*** Mulsant, 1862

Subgenus ***Eusemnosia*** Özdikmen & Aytar, 2012

***Mallosia mirabilis mirabilis* (Faldermann, 1837)**

**Remark.** It is only known from references.

Genus **Oberea** Dejean, 1835

Subgenus **Amaurostoma** J. Müller, 1906

**\*Oberea erythrocephala amanica Holzschuh, 1993**

**Remark.** It is only known from references.

**Oberea erythrocephala (Schrank, 1776)**

**Remark.** It is only known from references as *O. erythrocephala schurmanni* Heyrovsky, 1961 that is a synonym of this subspecies.

Subgenus **Oberea** Dejean, 1835

**Oberea oculata (Linnaeus, 1758)**

**Remark.** It is only known from references.

Genus **Oxyilia** Mulsant, 1862

**Oxyilia duponcheli (Brullé, 1832)**

**Remark.** It is only known from references.

Genus **Phytoecia** Dejean, 1835

Subgenus **Helladia** Fairmaire, 1864

**Phytoecia alziari (Sama, 1992)**

**Material.** Kahramanmaraş prov.: Central district, Sütçü İmam University, Campus of Avşar, 37°35'25.48" N 36°49'12.08" E, 2019, 507 m, *Pinus brutia* area env., 7 exs.

**Remark.** It is new to Kahramanmaraş province.

**Phytoecia armeniaca Frivaldsky, 1878**

**Remark.** It is only known from references.

**\*Phytoecia demeltiana Lazarev, 2016**

**Remark.** It is only known from references.

**\*Phytoecia humeralis caneri Özdikmen & Turgut, 2015**

**Material.** Kahramanmaraş prov.: Dulkadiroğlu district, Elmalar, 37°26'29.30" N 37°6'19.70" E, 2018, 663 m, *Pinus brutia* afforestation area, 1 ex.

**Remark.** It is also known from references. Also, old records of *Phytoecia humeralis* (Waltl, 1838) in the references should be attributed to this subspecies.

**Phytoecia millefolii (Adams, 1817)**

**Remark.** It is only known from references.

Subgenus **Musaria** J. Thomson, 1864

**Phytoecia wachanrui Mulsant, 1851**

**Remark.** It is only known from references.

Subgenus **Opsilia** Mulsant, 1862

**Phytoecia coerulescens coerulescens (Scopoli, 1763)**

**Remark.** It is only known from references.

Subgenus **Parobereina** Danilevsky, 2018

**\*Phytoecia vittipennis inhumeralis (Pic, 1900)**

**Remark.** It is only known from references as *Phytoecia vittipennis* (Reiche, 1877).

Subgenus *Phytoecia* Dejean, 1835

*\*Phytoecia annulipes* Mulsant & Rey, 1863: 165

**Remark.** It is only known from references.

*Phytoecia caerulea caerulea* (Scopoli, 1772)

**Remark.** It is only known from references.

*Phytoecia cylindrica* (Linnaeus, 1758)

**Remark.** It is only known from references.

*\*Phytoecia gamzeae* Özdikmen, 2017

**Remark.** It is only known from references.

*Phytoecia geniculata geniculata* Mulsant, 1862

**Remark.** It is only known from references.

*Phytoecia icterica* (Schaller, 1783)

**Remark.** It is only known from references.

*Phytoecia manicata* Reiche et Saulcy, 1858

**Remark.** It is only known from references.

*Phytoecia pubescens* Pic, 1895

**Material.** Kahramanmaraş prov.: Central district, 37°24'11.31" N 37°3'1.78" E, 2021, 658 m, into pherome trap in *Pinus brutia* afforestation area, 1 ex.

**Remark.** It is new to Kahramanmaraş province.

*Phytoecia pustulata pustulata* (Schrank, 1776)

**Remark.** It is only known from references.

*Phytoecia rufipes rufipes* (Olivier, 1800)

**Remark.** It is only known from references.

*Phytoecia virgula virgula* (Charpentier, 1825)

**Remark.** It is only known from references.

Genus *Pygoptosia* Reitter, 1895

*Pygoptosia speciosa* (Frivaldsky, 1884)

**Remark.** It is only known from references.

Tribe *Pteropliini* J. Thomson, 1860

Genus *Niphona* Mulsant, 1839

Subgenus *Niphona* Mulsant, 1839

*Niphona picticornis* Mulsant, 1839

**Material.** Kahramanmaraş prov.: Central district, KSÜ Campus, 37°35'14.64" N 36°48'55.42" E, 17.V.2022, 560 m, 1 ex.; Kahramanmaraş prov.: Central district, KSÜ Avşar Campus, 37°35'18.01" N 36°49'5.30" E, 28.V.2021, 533 m, 1 ex.

**Remark.** It is also known from references.

Tribe *Saperdini* Mulsant, 1839

Genus *Saperda* Fabricius, 1775

Subgenus *Compsidia* Mulsant, 1839

*Saperda populnea populnea* (Linnaeus, 1758)

**Remark.** It is only known from references.

***Saperda quercus ocellata* Abeille de Perrin, 1895**

**Material.** Kahramanmaraş prov.: Central district, 2016, from decaying *Quercus* sp., 1 ex.

**Remark.** It is also known from references.

Subfamily **LEPTURINAE** Latreille, 1802

Tribe **Lepturini** Latreille, 1802

Genus **Anastrangalia** Casey, 1924

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

**Remark.** It is only known from references.

Genus **Pedostrangalia** Sokolov, 1897

Subgenus **Neosphenalia** Löbl, 2010

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

**Remark.** It is only known from references.

***Pedostrangalia kurda* Sama, 1996**

**Remark.** It is only known from references.

Genus **Pseudovadonia** Lobanov, Danilevsky & Murzin, 1981

**\**Pseudovadonia livida hatayensis* Özdikmen, 2015**

**Remark.** It is only known from references as *Pseudovadonia livida* (Fabricius, 1777). So, old records of *Pseudovadonia livida* in the references should be attributed to this subspecies very likely.

Genus **Stenurella** Villiers, 1974

Subgenus **Priscostenurella** Özdikmen, 2013

***Stenurella bifasciata nigrosuturalis* (Reitter, 1895)**

**Remark.** It is only known from references. Also, old records of *Stenurella bifasciata* (O. F. Müller, 1776) in the references should be attributed to this subspecies.

Subgenus **Stenurella** Villiers, 1974

**\**Stenurella pamphyliae* Rapuzzi & Sama, 2010**

**Remark.** It is only known from references as *Stenurella melanura* (Linnaeus, 1758). So, old records of *Stenurella melanura* in the references should be attributed to this species very likely.

Subgenus **Stenurelloides** Özdikmen, 2013

***Stenurella jaegeri* (Hummel, 1825)**

**Remark.** It is only known from references.

Genus **Stictoleptura** Casey, 1924

Subgenus **Melanoleptura** Miroshnikov, 1998



**\**Stictoleptura scutellata inscutellata* (Pic, 1892)**

**Remark.** It is only known from references as *Stictoleptura scutellata* (Fabricius, 1781). So, old records of *Stictoleptura scutellata* in the references should be attributed to this subspecies very likely.

Subgenus ***Paracorymbia*** Miroschnikov, 1998

**\**Stictoleptura excisipes* (K. Daniel & J. Daniel, 1891)**

**Remark.** It is only known from references as *Stictoleptura pallens* (Brullé, 1832) that is known only from Marmara region of Turkey. So, old records of *Stictoleptura pallens* from Kahramanmaraş province in the references should be attributed to this species very likely.

***Stictoleptura fulva* (Degeer, 1775)**

**Remark.** It is only known from references.

**\**Stictoleptura sambucicola* (Holzschuh, 1982)**

**Remark.** It is only known from references.

Subgenus ***Stictoleptura*** Casey, 1924

***Stictoleptura cordigera cordigera* (Fuessly, 1775)**

**Remark.** It is only known from references.

***Stictoleptura tripartita* (Heyden, 1889)**

**Remark.** It is only known from references.

Genus ***Vadonia*** Mulsant, 1863

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

**Remark.** It is only known from references.

Tribe **Rhagiini** Kirby, 1837

Genus ***Cortodera*** Mulsant, 1863

**\**Cortodera flavimana oezdikmeni* Danilevsky, 2015**

**Remark.** It is only known from references. Also, old records of *Cortodera flavimana* (Waltl, 1838) in the references should be attributed to this subspecies.

***Cortodera pseudomophlus* Reitter, 1889**

**Remark.** It is only known from references.

**\**Cortodera pumila meltemae* Özdikmen, Mercan, Cihan, 2012**

**Remark.** It is only known from references.

**\**Cortodera rufipes rufipes* (Kraatz, 1876)**

**Remark.** It is only known from references.

**\**Cortodera semilivida semilivida* Pic, 1892**

**Remark.** It is only known from references.

***Cortodera syriaca syriaca* Pic, 1901**

**Remark.** It is only known from references.

Genus ***Rhagium*** Fabricius, 1775

Subgenus ***Rhagium*** Fabricius, 1775

**\**Rhagium inquisitor fortipes* Reitter, 1898**

**Remark.** It is only known from references.

Genus ***Stenocorus*** Geoffroy, 1762

Subgenus ***Anisorus*** Mulsant, 1862

\****Stenocorus guveni*** Özdikmen, 2014

**Remark.** It is only known from references.

Subgenus ***Stenocorus*** Geoffroy, 1762

***Stenocorus insitivus insitivus*** (Germar, 1823)

**Material.** Kahramanmaraş prov.: Andırın district, Akifiye, 37°41'33.82" N 36°22'34" E, 2017, 1368 m, *Fagus*, *Abies*, *Pinus nigra* area, 7 exs.

**Remark.** It is new to Kahramanmaraş province.

Tribe **Rhamnusiini** Sama, 2009

Genus ***Rhamnusium*** Latreille, 1829

***Rhamnusium bicolor praeustum*** Reitter, 1895

**Remark.** It is only known from references.

Subfamily **PRIONINAE** Latreille, 1802

Tribe **Aegosomatini** J. Thomson, 1861

Genus ***Aegosoma*** Audinet-Serville, 1832

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

**Material.** Kahramanmaraş prov.: Andırın district, Akifiye, 37°41'33.82" N 36°22'34" E, 2017, 1368 m, *Fagus*, *Abies*, *Pinus nigra* area, 1 ex.

**Remark.** It is also known from references.

Tribe **Ergatini** Fairmaire, 1864

Genus ***Callergates*** Lameere, 1904

***Callergates gaillardoti*** (Chevrolat, 1854)

**Material.** Kahramanmaraş prov.: Central district, KSÜ Avşar Campus, 37°35'14.64" N 36°48'55.42" E, 16.VII.2021, 551 m, 1 ex.

**Remark.** It is also known from references.

Genus ***Ergates*** Audinet-Serville, 1832

***Ergates faber faber*** (Linnaeus, 1760)

**Remark.** It is only known from references.

Tribe **Macrotomini** J. Thomson, 1861

Genus ***Prinobius*** Mulsant, 1842

***Prinobius myardi atropos*** Chevrolat, 1854

**Remark.** It is only known from references. Also, old records of *Prinobius myardi* Mulsant, 1842 in the references should be attributed to this subspecies.

Genus *Rhaesus* Motschulsky, 1875

*Rhaesus serricollis* (Motschulsky, 1838)

**Remark.** It is only known from references.

Tribe **Prionini** Latreille, 1802

Genus *Mesoprionus* Jakovlev, 1887

*Mesoprionus besikanus* (Fairmaire, 1855)

**Remark.** It is only known from references.

*Mesoprionus lefebvrei* (Marseul, 1856)

**Remark.** It is only known from references.

Genus *Prionus* Geoffroy, 1762

*Prionus coriarius* (Linnaeus, 1758)

**Remark.** It is only known from references.

Subfamily **SAPHANINAE** Gistel, 1848

Tribe **Saphanini** Gistel, 1848

Genus *Oxypleurus* Mulsant, 1839

*Oxypleurus nodieri* Mulsant, 1839

**Remark.** It is only known from references.

Subfamily **SPONDYLIDINAE** Audinet-Serville, 1832

Tribe **Spondylidini** Audinet-Serville, 1832

Genus *Spondylis* Fabricius, 1775

*Spondylis buprestoides* (Linnaeus, 1758)

**Material.** Kahramanmaraş prov.: Türkoğlu district, 37°19'15.04" N 36°56'28.2" E, 2021, 554 m, into pheromone traps in *Pinus brutia* afforestation area, 2 exs.

**Remark.** It is new to Kahramanmaraş province.

Subfamily **STENOPTERINAE** Gistel, 1848

Tribe **Molorchini** Gistel, 1848

Genus *Molorchus* Fabricius, 1793

Subgenus *Caenoptera* C. G. Thomson, 1859

*Molorchus juglandis* Sama, 1982

**Remark.** It is only known from references.

*Molorchus minor minor* (Linnaeus, 1758)

**Remark.** It is only known from references.

Subgenus *Molorchus* Fabricius, 1793

*Molorchus kiesenwetteri hircus* Abeille de Perin, 1881

**Remark.** It is only known from references.

\**Molorchus marmottani frischi* (Sama, 1995)

**Material.** Kahramanmaraş prov.: Andırın district, Akçadağ, 37°42'18.23" N 36°17'38.93" E, 2017, 1400 m, *Cedrus*, *Abies*, *Quercus* area, 1 ex.

**Remark.** It is also known from the references.

*Molorchus sterbai* Adlbauer, 1988

**Remark.** It is only known from references. Also, old record of *Molorchus tenuitarsis* Holzschuh, 1981 that is based on the species in the reference should be attributed to this species.

Tribe **Psebiini** Lacordaire, 1868

Genus *Nathrius* Bréthes, 1916

*Nathrius brevipennis* (Mulsant, 1839)

**Remark.** It is only known from references.

Tribe **Stenopterini** Gistel, 1848

Genus *Callimus* Mulsant, 1846

Subgenus *Callimus* Mulsant, 1846

*Callimus angulatus angulatus* (Schrank, 1789)

**Remark.** It is only known from references.

Subgenus *Lampropterus* Mulsant, 1862

*Callimus femoratus* (Germar, 1823)

**Remark.** It is only known from references.

Genus *Stenopterus* Illiger, 1804

*Stenopterus rufus syriacus* Pic, 1892

**Remark.** It is only known from references. Also, old records of *Stenopterus rufus* (Linnaeus, 1767) in the reference should be attributed to this subspecies.

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