

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

Yakup Şenyüz* and Hüseyin Özdikmen**

* Dumlupınar University, Faculty of Arts and Science, Department of Biology, Kütahya, TURKEY.

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

[Şenyüz, Y. & Özdikmen, H. 2013. A contribution to the knowledge of Turkish longicorn beetles fauna (Coleoptera: Cerambycidae). Munis Entomology & Zoology, 8 (2): 571-577]

ABSTRACT: In the present paper were studied specimens of the family Cerambycidae (Coleoptera) collection in personel collection of Dr. Yakup Şenyüz (Kütahya / 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, thirty three species of twenty genera of five subfamilies were determined 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, Cerambycinae, Dorcadioninae, Lamiinae, Cerambycidae, Coleoptera, faunistic data, Turkey.

The specimens for this study were collected by the author, Dr. Yakup Şenyüz over various years (2003, 2004, 2005, 2007, 2008, 2009, 2011) from different localities in Turkey and deposited in the Dumlupınar University (Kütahya prov.). In this paper classification and nomenclature of the longhorn beetles suggested by Özdikmen (2012) are followed. Within the subfamilies all genera are listed in the same order as in Özdikmen (2012). 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.

With the present work, thirty four species of twenty genera of five subfamilies were determined for Turkey. Among them, 1 species as *Rhagium* (s. str.) *inquisitor* (Linnaeus, 1758) is new to Aegean Region of Turkey; 1 species as *Agapanthia* (*Epopetes*) *dahli* (Richter, 1820) is new to Marmara Region of Turkey; 2 species as *Vadonia moesiaca* (Daniel & Daniel, 1891) and *Dorcadion* (*Cribrodorcadion*) *infernale* Mulsant & Rey, 1863 are new to European Turkey in Marmara Region of Turkey; 13 species as *Prionus coriarius* (Linnaeus, 1758), *Rhagium* (s. str.) *inquisitor* (Linnaeus, 1758), *Stictoleptura* (s. str.) *cordigera* (Fuessly, 1775), *Stenurella bifasciata* (Müller, 1776), *Stenurella melanura* (Linnaeus, 1758), *Cerambyx* (s. str.) *carinatus* (Küster, 1845), *Chlorophorus* (*Perderomaculatus*) *sartor* (Müller, 1766), *Dorcadion* (*Cribrodorcadion*) *infernale* Mulsant & Rey, 1863, *Dorcadion* (*Cribrodorcadion*) *scabricolle* (Dalman, 1817), *Morimus funereus* Mulsant, 1862, *Phytoecia* (*Helladia*) *humeralis* (Waltl, 1838), *Phytoecia* (*Opsilia*) *coerulescens* (Scopoli, 1763) and *Agapanthia* (*Epopetes*) *lateralis* Ganglbauer, 1884 are new to Kütahya province; 6 species as *Vadonia unipunctata* (Fabricius, 1787), *Stictoleptura* (s. str.) *fulva* (DeGeer, 1775), *Anastrangalia dubia* (Scopoli, 1763), *Rutpela maculata* (Poda, 1761), *Stenurella melanura* (Linnaeus, 1758) and *Morimus*

funereus Mulsant, 1862 are new to Eskişehir province; 5 species as *Vadonia moesiaca* (Daniel & Daniel, 1891), *Pseudovadonia livida* (Fabricius, 1777), *Chlorophorus (Humeromaculatus) figuratus* (Scopoli, 1763), *Dorcadion (Cribrodorcadion) infernale* Mulsant & Rey, 1863 and *Neodorcadion bilineatum* (Germar, 1824) are new to Kırklareli province; 4 species as *Plagionotus (Echinocerus) floralis* (Pallas, 1773), *Phytoecia* (s. str.) *pustulata* (Schrank, 1776), *Agapanthia (Epopetes) dahli* (Richter, 1820) and *Agapanthia (Epopetes) lateralis* Ganglbauer, 1884 are new to Edirne province; 4 species as *Vadonia unipunctata* (Fabricius, 1787), *Stenurella bifasciata* (Müller, 1776), *Plagionotus (Echinocerus) floralis* (Pallas, 1773) and *Agapanthia (Epopetes) dahli* (Richter, 1820) are new to İstanbul province; 1 species as *Chlorophorus varius* (Müller, 1766) is new to Bursa province; 1 species as *Cerambyx cerdo* Linnaeus, 1758 is new to Bilecik province; and 1 species as *Anastrangalia montana* (Mulsant & Rey, 1863) is new to Kahramanmaraş province.

SUPERFAMILY CERAMBYCOIDEA Latreille, 1802

FAMILY CERAMBYCIDAE Latreille, 1802: 211

SUBFAMILY PRIONINAE Latreille, 1802: 212

TRIBE PRIONINI Latreille, 1802: 212

GENUS *PRIONUS* Geoffroy, 1762: 198

SPECIES *P. coriarius* (Linnaeus, 1758: 389)

Material examined: **Kütahya:** Dereyalak village, 16.VIII.2008, 1 specimen.

Remarks: The species is probably more or less widely distributed in Turkey. It is new to Kütahya province (Özdikmen, 2007, 2008b).

SUBFAMILY LEPTURINAE Latreille, 1802: 218

TRIBE RHAGIINI Kirby, 1837: 178

GENUS *RHAGIUM* Fabricius, 1775: 182

SUBGENUS *RHAGIUM* Fabricius, 1775: 182

SPECIES *R. inquisitor* (Linnaeus, 1758: 393)

SUBSPECIES *R. i. inquisitor* (Linnaeus, 1758: 393)

Material examined: **Kütahya:** Murat Mt., Kaplıcalar district, 17.VII.2011, 1 specimen.

Remarks: The species is widely distributed in N Turkey mostly. It is new to Kütahya province and thereby to Aegean Region of Turkey (Özdikmen, 2007, 2008b).

TRIBE LEPTURINI Latreille, 1802: 218

GENUS *VADONIA* Mulsant, 1863: 559

SPECIES *V. moesiaca* (Daniel & Daniel, 1891: 6)

Material examined: **Kırklareli:** Between Dereköy and İğneada, 31.V.2007, 1 specimen.

Remarks: The rare species is probably distributed only in western half of Turkey. It is new to Kırklareli province and thereby to European Turkey in Marmara Region of Turkey (Özdikmen, 2007, 2008a).

SPECIES *V. unipunctata* (Fabricius, 1787: 157)

SUBSPECIES *V. u. unipunctata* (Fabricius, 1787: 157)

Material examined: **Eskişehir:** Türkmen Mt., Sehıtgazi district, 18.V.2007, 1 specimen; **İstanbul:** Başakşehir, underside the first stage, 03.VI.2007, 4 specimens; Valley in back side of Oyak, 10.VI.2007, 1 specimen; Göçmen houses, 11.VI.2008, 6 specimens.

Remarks: The species is widely distributed in Turkey. But it is new to Eskişehir and İstanbul provinces (Özdikmen, 2007, 2008a).

GENUS *PSEUDOVADONIA* Lobanov et al., 1981: 787

SPECIES *P. livida* (Fabricius, 1777: 233)

SUBSPECIES *P. l. livida* (Fabricius, 1777: 233)

Material examined: **Kırklareli:** Bridge of Madra stream env., 31.V.2007, 3 specimens; İslambeyli village, 31.V.2007, 1 specimen; Demirköy, 31.V.2007, 7 specimens.

Remarks: The species is widely distributed in Turkey. But it is new to Kırklareli province (Özdikmen, 2007, 2008a).

GENUS *STICTOLEPTURA* Casey, 1924: 280

SUBGENUS *STICTOLEPTURA* Casey, 1924: 280

SPECIES *S. cordigera* (Fuessly, 1775: 14)

SUBSPECIES *S. c. cordigera* (Fuessly, 1775: 14)

Material examined: **Kütahya:** Old Gediz, Ali Ağa district, 12.VII.2011, 1 specimen.

Remarks: The species is widely distributed in Turkey. But it is new to Kütahya province (Özdikmen, 2007, 2008b).

SPECIES *S. fulva* (DeGeer, 1775: 137)

Material examined: **Eskişehir:** Türkmen Mt., between Uluçayır and Çobanlar plateau, 10.VII.2007, 2 specimens.

Remarks: The species is probably more or less widely distributed in Turkey. It is new to Eskişehir province (Özdikmen, 2007).

GENUS *ANASTRANGALIA* Casey, 1924: 280

SPECIES *A. dubia* (Scopoli, 1763: 47)

SUBSPECIES *A. d. dubia* (Scopoli, 1763: 47)

Material examined: **Eskişehir:** Türkmen Mt., between Uluçayır and Çobanlar plateau, 10.VII.2007, 1 specimen.

Remarks: The species is probably more or less widely distributed in Turkey. It is new to Eskişehir province (Özdikmen, 2007).

SPECIES *A. montana* (Mulsant & Rey, 1863: 179)

SUBSPECIES *A. m. montana* (Mulsant & Rey, 1863: 179)

Material examined: **Kahramanmaraş:** Andız road, 27.VI.2011, 1 specimen

Remarks: The species is probably widely distributed in W and S Turkey. It is new to Kahramanmaraş province (Özdikmen, 2011).

GENUS *JUDOLLA* Mulsant, 1863: 496

SPECIES *J. erratica* (Dalman, 1817: 490)

SUBSPECIES *J. e. erratica* (Dalman, 1817: 490)

Material examined: **Kırklareli:** Madra stream bridge env., 31.05.2007, 1 specimen.

Remarks: The species is widely distributed in Turkey (Özdikmen, 2007, 2008a).

GENUS *RUTPELA* Nakani & Ohbayashi, 1957: 242

SPECIES *R. maculata* (Poda, 1761: 37)

SUBSPECIES *R. m. maculata* (Poda, 1761: 37)

Material examined: **Eskişehir:** Türkmen Mt., between Uluçayır and Çobanlar plateau, 10.VII.2007, 10 specimens; **Kırklareli:** Bridge of Madra stream env., 31.V.2007, 1 specimen.

Remarks: The species is widely distributed in Turkey. But it is new to Eskişehir province (Özdikmen, 2007, 2008a).

GENUS STENURELLA Villiers, 1974: 217**SPECIES** *S. bifasciata* (Müller, 1776: 93)**SUBSPECIES** *S. b. bifasciata* (Müller, 1776: 93)

Material examined: **Kütahya:** Akköprü, 24.V.2007, 2 specimens; Simav, Nadar stream, 12.VII.2011, 1 specimen; **Kırklareli:** Bridge of Madra stream env., 13.V.2007, 1 specimen; **İstanbul:** Başakşehir, valley in back side of Oyak, 10.VI.2007, 2 specimens.

Remarks: The species is widely distributed in Turkey. But it is new to İstanbul and Kütahya provinces (Özdikmen, 2007, 2008a,b).

SPECIES *S. melanura* (Linnaeus, 1758: 397)

Material examined: **Eskişehir:** Türkmen Mt., between Uluçayır and Çobanlar plateau, 10.VII.2007, 4 specimens; **Kütahya:** between Güllüdere and Türkmen Baba district, 11.VII.2007, 1 specimen; **İstanbul:** Başakşehir, valley in back side of Oyak, 10.VI.2007, 3 specimens.

Remarks: The species is probably more or less widely distributed in Turkey. It is new to Eskişehir and Kütahya provinces (Özdikmen, 2007, 2008a,b).

SPECIES *S. septempunctata* (Fabricius, 1792: 346)**SUBSPECIES** *S. s. latenigra* (Pic, 1915: 5)

Material examined: **Kırklareli:** Between Dereköy and İğneada, 31.V.2007, 1 specimen.

Remarks: The species is more or less widely distributed in Turkey (mostly in N Turkey) (Özdikmen, 2007, 2008a).

SUBFAMILY CERAMBYCINAE Latreille, 1802: 211**TRIBE CERAMBYCINI** Latreille, 1802: 211**SUBTRIBE CERAMBYCINA** Latreille, 1802: 211**GENUS CERAMBYX** Linnaeus, 1758: 388**SUBGENUS CERAMBYX** Linnaeus, 1758: 388**SPECIES** *C. carinatus* (Küster, 1845: 46)

Material examined: **Kütahya:** Muhat pass, 06.V.2007, 1 specimen; Yenimahalle, 23.VI.2009, 1 specimen.

Remarks: The species is probably more or less widely distributed in western half of Turkey. It is new to Kütahya province (Özdikmen, 2008b).

SPECIES *C. cerdo* Linnaeus, 1758: 392**SUBSPECIES** *C. c. cerdo* Linnaeus, 1758: 392

Material examined: **Bilecik:** Central, 31.VIII.2011, 1 specimen.

Remarks: The species is more or less widely distributed in Turkey. It is new to Bilecik province (Özdikmen, 2007, 2008b).

TRIBE CALLIDIINI Kirby, 1837: 170**GENUS ROPALOPUS** Mulsant, 1839: 40**SUBGENUS ROPALOPUS** Mulsant, 1839: 40**SPECIES** *R. clavipes* (Fabricius, 1775: 188)

Material examined: **Kütahya:** Yenimahalle, 22.VI.2007, 1 specimen.

Remarks: The species is widely distributed in Turkey (Özdikmen, 2007, 2008b).

TRIBE CLYTINI Mulsant, 1839: 70**GENUS PLAGIONOTUS** Mulsant, 1842: 1**SUBGENUS ECHINOCERUS** Mulsant, 1862: 143**SPECIES** *P. floralis* (Pallas, 1773: 724)

Material examined: Edirne: İskender village, 01.VI.2007, 8 specimens; **İstanbul:** Başakşehir, valley in back side of Oyak, 10.VI.2007, 1 specimen; Göçmen houses, 20.VI.2008, 2 specimens.

Remarks: The species is more or less widely distributed in Turkey. It is new to Edirne and İstanbul provinces (Özdikmen, 2007, 2008a).

GENUS *CHLOROPHORUS* Chevrolat, 186: 290

SUBGENUS *CHLOROPHORUS* Chevrolat, 186: 290

SPECIES *C. varius* (Müller, 1766: 188)

SUBSPECIES *C. varius varius* (Müller, 1766: 188)

Material examined: Bursa: Mezitler valley, Mezit village, 13.VII.2007, 1 specimen.

Remarks: The species is widely distributed in Turkey. But it is new to Bursa province (Özdikmen, 2007, 2008a, 2011).

SUBGENUS *PERDEROMACULATUS* Özdikmen, 2011: 537

SPECIES *C. sartor* (Müller, 1766: 188)

Material examined: Kütahya: Ilıca district, 05.VIII.2003, 1 specimen.

Remarks: The species is widely distributed in Turkey. But it is new to Kütahya province (Özdikmen, 2007, 2008b).

SUBGENUS *HUMEROMACULATUS* Özdikmen, 2011: 537

SPECIES *C. figuratus* (Scopoli, 1763: 55)

Material examined: Kırklareli: Bridge of Madra stream env., 31.V.2007, 1 specimen.

Remarks: The species is probably more or less widely distributed in Turkey. It is new to Kırklareli province (Özdikmen, 2007, 2008a).

SUBFAMILY DORCADIONINAE Swainson, 1840: 290

TRIBE DORCADIONINI Swainson, 1840: 290

GENUS *DORCADION* Dalman, 1817: 397

SUBGENUS *CRIBRIDORCADION* Pic, 1901: 12

SPECIES *D. divisum* Germar, 1839: 15

SUBSPECIES *D. d. divisum* Germar, 1839: 15

Material examined: Kütahya: Türkmen Mt., Göknebi village, 12.IV.2008, 12 specimens.

Remarks: The subspecies is endemic to Turkey. The species is probably more or less widely distributed in Turkey (Özdikmen, 2008b, 2010).

SPECIES *D. infernale* Mulsant & Rey, 1863: 158

SUBSPECIES *D. i. infernale* Mulsant & Rey, 1863: 158

Material examined: Kütahya: Dumlupınar University, 23.04.2008, 13.V.2004, 2 specimens; Dumlupınar University, dwelling-houses, 17.V.2007, 1 specimen; Murat stream basin, Arpalı village, 17.V.2007, 1 specimen; **Kırklareli:** Bridge of Madra stream env., 31.V.2007, 1 specimen.

Remarks: The species is endemic to Turkey and more or less widely distributed in Turkey. It is new to Kütahya province and Kırklareli province and thereby European Turkey in Marmara Region of Turkey (Özdikmen, 2007, 2008a,b, 2010).

SPECIES *D. scabricolle* (Dalman, 1817: 174)

SUBSPECIES *D. s. scabricolle* (Dalman, 1817: 174)

Material examined: Kütahya: Türkmen Mt., Gölcük district, 15.IV.2008, 4 specimens; Aydoğdu village, 10.III.2011, 1 specimen.

Remarks: The species is widely distributed in Turkey. But it is new to Kütahya province (Özdikmen, 2007, 2008b, 2010).

SPECIES *D. septemlineatum* Waltl, 1838: 469

SUBSPECIES *D. s. novemlineatum* Kraatz, 1873: 61

Material examined: Kütahya: Ahmetoğlu village, 900 m, 24.IV.2004, 2 specimens; Central, Dumlupınar village, 920 m, 15.V.2004, 5 specimens; Dumlupınar University, 23.IV.2008, 4 specimens.

Remarks: The species is more or less widely distributed in western half of Turkey (Özdikmen, 2007, 2008b, 2010).

GENUS *NEODORCADION* Ganglbauer, 1884: 437

SPECIES *N. bilineatum* (Germar, 1824: 485)

Material examined: Kırklareli: Bridge of Madra stream env., 31.V.2007, 1 specimen.

Remarks: The species is more or less widely distributed only in NW Turkey. But it is new to Kırklareli province (Özdikmen, 2008a, 2010).

SUBFAMILY LAMIINAE Latreille, 1825: 401

TRIBE LAMIINI Latreille, 1825: 401

GENUS *MORIMUS* Brullé, 1832: 258

SPECIES *M. funereus* Mulsant, 1862: 279

Material examined: Eskişehir: Sündiken Mt., 10.VI.2005, 1 specimen; **Kütahya:** Dereyalak village, 16.V.2008, 1 specimen; Dumlupınar University, 15.IX.2009, 1 specimen; **Kırklareli:** Between Dereköy and İğneada, 31.V.2007, 3 specimens.

Remarks: The species is probably more or less widely distributed in western half of Turkey. It is new to Eskişehir and Kütahya provinces (Özdikmen, 2007, 2008b).

TRIBE ACANTHOCININI Blanchard, 1845: 154

GENUS *ACANTHOCINUS* Dejean, 1821: 106

SPECIES *A. aedilis* (Linnaeus, 1758: 392)

Material examined: Kütahya: Central, Kütahya castle, 10.VII.2007, 1 specimen; Murat Mt. thermal waters, 12.VII.2011, 17.VII.2011, 2 specimens.

Remarks: The species is more or less widely distributed in Turkey (Özdikmen, 2007, 2008b).

GENUS *LEIOPUS* Audinet-Serville, 1835: 86

SPECIES *L. nebulosus* (Linnaeus, 1758: 391)

SUBSPECIES *L. n. nebulosus* (Linnaeus, 1758: 391)

Material examined: İstanbul: Büyükkada, 26.VII.2007, 5 specimens.

Remarks: The species is probably more or less widely distributed in Turkey (Özdikmen, 2007, 2008a).

TRIBE PHYTOECIINI Mulsant, 1839: 191

GENUS *PHYTOECIA* Dejean, 1835: 351

SUBGENUS *HELLADIA* Fairmaire, 1864: 176

SPECIES *P. humeralis* (Waltl, 1838: 471)

SUBSPECIES *P. h. humeralis* (Waltl, 1838: 471)

Material examined: Kütahya: 11.04.2011, 1 specimen.

Remarks: The species is more or less widely distributed in Turkey. It is new to Kütahya province (Özdikmen, 2007, 2008b).

SUBGENUS *PHYTOECIA* Dejean, 1835: 351

SPECIES *P. icterica* (Schaller, 1783: 292)

Material examined: Kütahya: Central, Cumhuriyet primary school, 21.V.2007, 2 specimens.

Remarks: The species is more or less widely distributed in Turkey (Özdikmen, 2007, 2008b).

SPECIES *P. pustulata* (Schrank, 1776: 66)

SUBSPECIES *P. p. pustulata* (Schrank, 1776: 66)

Material examined: Edirne: İskender village, 01.VI.2007, 1 specimen.

Remarks: The species is probably more or less widely distributed in Turkey. It is new to Edirne province (Özdikmen, 2007, 2008a).

SUBGENUS *OPSILLA* Mulsant, 1862: 387

SPECIES *P. coerulescens* (Scopoli, 1763: 49)

Material examined: Kütahya: Porsuk stream basin, 13.VII.2007, 1 specimen; Simav, Nadar Çam district, 12.VII.2011, 1 specimen; **Kırklareli:** Demirköy, 31.V.2007, 2 specimens.

Remarks: The species is widely distributed in Turkey. But it is new to Kütahya province (Özdikmen, 2007, 2008a,b).

TRIBE AGAPANTHIINI Mulsant, 1839: 172

GENUS *AGAPANTHIA* Audinet-Serville, 1835: 35

SUBGENUS *EPOPTES* Gistel, 1857: 93

SPECIES *A. dahli* (Richter, 1820: 12)

Material examined: İstanbul: Back side of Oyak site, 10.VI.2007, 1 specimen; **Edirne:** Havsa village, 01.VI.2007, 1 specimen.

Remarks: The species is probably more or less widely distributed in Turkey. It is new to Edirne and İstanbul provinces thereby Marmara Region of Turkey (Özdikmen, 2007, 2008a).

SPECIES *A. lateralis* Ganglbauer, 1884: 541

Material examined: Kütahya: Felent basin, Felent source, 20.VII.2007, 1 specimen; **Edirne:** Havsa village, 01.VI.2007, 1 specimen; between Akköprü and Perli, 19.VI.2007, 1 specimen.

Remarks: The species is endemic to Turkey and widely distributed in Turkey. But it is new to Edirne and Kütahya provinces (Özdikmen, 2007, 2008a,b).

LITERATURE CITED

Özdikmen, H. 2007. The Longicorn Beetles of Turkey (Coleoptera: Cerambycidae) Part I - Black Sea Region. *Munis Entomology & Zoology*, 2 (2): 179-422.

Özdikmen, H. 2008a. The Longicorn Beetles of Turkey (Coleoptera: Cerambycidae) Part II – Marmara Region. *Munis Entomology & Zoology*, 3 (1): 7-152.

Özdikmen, H. 2008b. The Longicorn Beetles of Turkey (Coleoptera: Cerambycidae) Part III – Aegean Region. *Munis Entomology & Zoology*, 3 (1): 355-436.

Özdikmen, H. 2010. The Turkish Dorcadiini with zoogeographical remarks (Coleoptera: Cerambycidae: Lamiinae). *Munis Entomology & Zoology*, 5 (2): 380-498.

Özdikmen, H. 2011. The Longicorn Beetles of Turkey (Coleoptera: Cerambycidae) Part IV – Mediterranean Region. *Munis Entomology & Zoology*, 6 (1): 6-145.

Özdikmen, H. 2012. Naked lists of Turkish Cerambycoidea and Chrysomeloidea (Coleoptera). *Munis Entomology & Zoology*, 7 (1): 51-108.