

**A CONTRIBUTION FOR KNOWLEDGE OF TURKISH LEAF
BEETLES (CHRYSOMELOIDEA: CHRYSOMELIDAE)**

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ABSTRACT: The paper is presented many new data for leaf beetles of Turkey. The specimens were collected by the authors from various parts of Bolu, Çankırı, Düzce, Kırıkkale and Konya provinces of Turkey in the years of 2007, 2009-2011. As a result of identification of these specimens, 60 species of 22 genera of 7 subfamilies were determined.

KEY WORDS: Chrysomelidae, Fauna, new data, Turkey.

Over the years, the Turkish leaf beetles fauna have undoubtedly been studied by various authors until now. Finally, Palaearctic Catalogue of Chrysomeloidea (including the information on Turkish fauna) was published by Löbl & Smetana (2010). As known the authors for Chrysomelidae in the catalogue of Löbl & Smetana (2010) are H. Silfverberg for Donaciinae, M. Schmitt for Criocerinae, R. Regalin and L. N. Medvedev for Clytrinae, I. Lopatin, A. Smetana and M. Schöller for the genus *Cryptocephalus*, M. Schöller, I. Löbl and I. Lopatin for the remaining Cryptocephalinae, A. G. Moseyko and E. Sprecher-Uebersax for Eumolpinae, H. Kippenberg for Chrysomelinae, R. Beneen for Galerucinae, M. Döberl for Alticinae and, L. Borowiec and L. Sekerka for Cassidinae. According to the publication, leaf beetles fauna of Turkey includes 670 species of 87 genera of 9 subfamilies (including the tribe Clytrini in Cryptocephalinae). Özdikmen (2011) gave faunistical, taxonomical and zoogeographical information on 288 Turkish leaf beetles species with a check-list for all leaf beetles fauna of Turkey. He stated that fifteen taxa are recorded from Anatolia for the first time. Moreover, fourteen taxa are added to the Palaearctic Catalogue. He added 2 genera, *Oulema* and *Monolepta* for Turkish fauna in the Palaearctic Catalogue. So, he determined the number of species of Turkish leaf beetles as 698 of 89 genera by his paper.

With the present work, many new faunistical data from Turkey are given in the present text. The present materials were collected by the authors from various parts of Bolu, Çankırı, Düzce, Kırıkkale and Konya provinces of Turkey in the years of 2007, 2009-2011. They were deposited in Gazi University (Turkey, Ankara).

FAMILY CHRYSOMELIDAE Latreille, 1802: 220

SUBFAMILY CRIOCERINAE Latreille, 1804: 159

TRIBE LEMINI Gyllenhal, 1813: 632

GENUS OULEMA Des Gozis, 1886: 33

SPECIES *O. melanopus* (Linnaeus, 1758: 376)

Material examined: Kırıkkale: Kırıkkale-Bahışeyh road, 15 km to Bahışeyh, N 39 51 E 33 23, 25.VI.2011, 1 specimen.

SUBFAMILY CLYTRINAE Kirby, 1837: 207

TRIBE CLYTRINI Kirby, 1837: 207

SUBTRIBE CLYTRINA Kirby, 1837: 207

GENUS *CLYTRA* Laicharting, 1781: 165

SUBGENUS *CLYTRA* Laicharting, 1781: 165

SPECIES *C. quadripunctata* (Linnaeus, 1758: 374)

SUBSPECIES *C. q. quadripunctata* (Linnaeus, 1758: 374)

Material examined: Bolu: At plateau, 17.VI.2010, 4 specimens.

SUBGENUS *CLYTRARIA* Semenov, 1903: 173

SPECIES *C. atraphaxidis* (Pallas, 1773: 725)

SUBSPECIES *C. a. atraphaxidis* (Pallas, 1773: 725)

Material examined: Kırıkkale: Balışeyh- Kırıkkale yolu, Kırıkkale'yi 5km geçe, 23.VII.2011, 1 specimen.

SPECIES *C. novempunctata* Olivier, 1808: 852

Material examined: Bolu: Gerede, 06.VII.2009, 1 specimen; Abant road, 30.IV.2010, 1 specimen; Mudurnu-Göynük road, Karapınar kavağı env., 6 km past to Mudurnu, 01.V.2010, 1 specimen. **Düzce:** Hasanlar Dam, Hasanlar-Yığılca road, 18 km to Yığılca, 08.VI.2011, 4 specimens; Beçi village, 08.VI.2011, 1 specimen.

SPECIES *C. valeriana* Ménétrés, 1832: 237

SUBSPECIES *C. v. valeriana* Ménétrés, 1832: 237

Material examined: Ankara: Hasanoğlan, 2011, 1 specimen.

GENUS *COPTOCEPHALA* Chevrolat, 1836: 419

SPECIES *C. destinoi* Fairmaire, 1884: 174

Material examined: Düzce: Kent forest-Yığılca return, 30.VII.2011, 9 specimens; Hasanlar Dam, 30.VII.2011, 5 specimens; Düzce-Gölyaka road, 10 km past to Düzce, 31.VII.2011, 3 specimens. **Kırıkkale:** Balışeyh-Kırıkkale road, 5 km past to Kırıkkale, 23.VII.2011, 1 specimen; Balışeyh-Kulaksız road, 3 km past to Balışeyh, N 39 56 E 33 43, 23.VII.2011, 2 specimens; Kulaksız-Sulakyurt road, 5 km to Sulakyurt, N 40 50 E 33 42, 23.VII.2011, 3 specimens; Kösedurak-Sulakyurt road, 5 km to Sulakyurt, N 39 29 E 33 43, 24.VII.2011, 5 specimens; Kulaksız-Sulakyurt road, 8 km to Sulakyurt, N 40 51 E 33 42, 06.VIII.2011, 10 specimens; Hasandede, 06.VIII.2011, 8 specimen.

GENUS *LABIDOSTOMIS* Chevrolat, 1836: 418

SUBGENUS *LABIDOSTOMIS* Chevrolat, 1836: 418

SPECIES *L. asiatica* Faldermann, 1837: 370

Material examined: Bolu: Mudurnu-Göynük road, Karapınar kavağı env., 6 km past to Mudurnu, 01.V.2010, 5 specimens. **Düzce:** Odayeri plateau, 09.VI.2011, 1 specimen. **Kırıkkale:** Sofular-Sarıköz road, 5 km past to Sofular, 26.VI.2011, 1 specimen.

SPECIES *L. decipiens* Faldermann, 1837: 373

Material examined: Kırıkkale: Balışeyh-Kırıkkale road, 15 km to Balışeyh, N 39 51 E 33 34, 19.V.2011, 1 specimen; Kırıkkale-Balıseyh road, 15 km to Balışeyh, N 39 51 E 33 33, 07.VI.2011, 1 specimen; Hacılar-Küreboğazi village road, 1 km to Küreboğazi, N 39 41 E 33 19, 25.VI.2011, 1 specimen; Kırıkkale-Balıseyh road, 15 km to Balışeyh, N 39 51 E 33 23, 25.VI.2011, 1 specimen.

SPECIES *L. humeralis* (D. H. Schneider, 1792: 192)

Material examined: Düzce: Yığılca-Aksaklar village, 1 km to Aksaklar village, 23.V.2011, 7 specimens; Hasanlar Dam, Hasanlar-Yığılca road, 18 km to Yığılca, 08.VI.2011, 6 specimens. **Kırıkkale:** Elmadağ- Kırıkkale road, N 39 55 E 33 25 , 19.V.2011, 1 specimen.

SPECIES *L. longimana* (Linnaeus, 1760: 170)

Material examined: Bolu: Gökçe village, Mengen-Gökçesu road, 06.VII.2009, 3 specimens; Hacıayaz pass, 1080 m., 07.VII.2009, 6 specimens. **Düzce:** 5 km past to Çobanlar village, Hasanlar village env., 23.V.2011, 1 specimen; Kavakbıçkı village, Bostanyatak, 24.V.2011, 1 specimen.

SPECIES *L. maculipennis* Lefèvre, 1870: 42**Material examined:** Ankara: Hasanoğlu, 2011, 1 specimen.**SPECIES** *L. oertzeni* Weise, 1889: 62**Material examined:** **Düzce:** Exit of Aydın village, Yiğilca road, 23.V.2011, 1 specimen; Yiğilca-Aksaklar village, 1 km to Aksaklar village, 23.V.2011, 3 specimens; Entry of Hacilar village, 23.V.2011, 1 specimen. **Kırıkkale:** Konur town, N 39 34 E 33 45, 06.VI.2011, 1 specimen; Sulakyurt-Balışeyh road, 3 km to Sulakyurt, 26.VI.2011, 1 specimen.**SPECIES** *L. propinqua* Faldermann, 1837: 372**SUBSPECIES** *L. p. propinqua* Faldermann, 1837: 372**Material examined:** **Bolu:** Gerede, 06.VII.2009, 6 specimens. **Düzce:** Hasanlar Dam, Hasanlar-Yiğilca road, 18 km to Yiğilca, 08.VI.2011, 1 specimen.**GENUS** *SMARAGDINA* Chevrolat, 1836: 419**SPECIES** *S. aurita* (Linnaeus, 1767: 596)**SUBSPECIES** *S. a. aurita* (Linnaeus, 1767: 596)**Material examined:** **Bolu:** Abant, 19.VI.2009, 2 specimens.**SPECIES** *S. biornata* (Lefèvre, 1872: 322)**SUBSPECIES** *S. b. biornata* (Lefèvre, 1872: 322)**Material examined:** **Kırıkkale:** 5 km past to Cankurtaran, 27.IV.2011, 1 specimen; Elmadağ-Kırıkkale road, N 39 55 E 33 25, 19.V.2011, 1 specimen; Between Balışeyh and Sulakyurt, 6 km past to Balışeyh, N 39 54 E 33 43, 19.V.2011, 8 specimens; Entry of Sulakyurt, N 40 9 E 33 43, 19.V.2011, 1 specimen; Balışeyh-Yozgat road, 10 km to Balışeyh, N 39 56 E 33 56, 19.V.2011, 3 specimens; Yahşihan cemetery, N 39 50 E 33 26, 21.V.2011, 1 specimen.**SPECIES** *S. chloris* (Lacordaire, 1848: 83)**SUBSPECIES** *S. c. chloris* (Lacordaire, 1848: 83)**Material examined:** **Bolu:** Abant, Dereceören env., 19.VI.2009, 5 specimens.**SPECIES** *S. graeca* (Kraatz, 1872: 217)**Material examined:** **Bolu:** Abant, Dereceören env., 19.VI.2009, 1 specimen.**SPECIES** *S. limbata* (Steven, 1806: 157)**Material examined:** **Bolu:** Güney-Seben road, 01.V.2010, 1 specimen; **Kırıkkale:** Balışeyh-Kırıkkale road, 15 km to Balışeyh, N 39 51 E 33 34, 19.V.2011, 13 specimens; Between Balışeyh and Sulakyurt, 6 km past to Balışeyh, N 39 54 E 33 43, 19.V.2011, 1 specimen; Sulakyurt-Balışeyh road, 10 km past to Sulakyurt, N 40 6 E 33 43, 19.V.2011, 3 specimens; Bedesten village, N 39 47 E 33 21, 21.V.2011, 1 specimen; Yahşihan-Bedesten road, 4 km to Bedesten, N 39 49 E 33 22, 06.VI.2011, 6 specimens; 1 km to entry of Bedesten, N 39 48 E 33 21, 06.VI.2011, 1 specimen; Kulaksız-Sulakyurt road, 5 km to Sulakyurt, N 40 6 E 33 43, 07.VII.2011, 43 specimens.**SPECIES** *S. viridana* (Lacordaire, 1848: 291)**SUBSPECIES** *S. v. viridana* (Lacordaire, 1848: 291)**Material examined:** **Düzce:** Yiğilca-Aksaklar village, 1 km to Aksaklar village, 23.V.2011, 5 specimens; Entry of Hacilar village, 23.V.2011, 14 specimens; Odayeri plateau, 09.VI.2011, 12 specimens; Çavuşur plateau, 09.VI.2011, 1 specimen.**SPECIES** *S. xanthaspis* (Germar, 1824: 547)**Material examined:** **Bolu:** Yeniçağ-Mengen road, 14.VI.2010, 1 specimen; Akçaalan, Abant, 15.VI.2010, 3 specimens; Entry of Abant, 15.VI.2010, 1 specimen; Abant Lake env., 15.VI.2010, 2 specimens; Abant, Dereceören env., 19.VI.2009, 1 specimen; Between Gerede and Mengen, 06.VII.2009, 1 specimen; Hacıyaz pass, 1080 m, 07.VII.2009, 1 specimen. **Düzce:** Entry of Hacilar village, 23.V.2011, 1 specimen; Odayeri plateau road, 3 km to Odayeri plateau, 24.V.2011, 4 specimens; Between Aydın village and Yiğilca, 1 km past to Aydın village, 08.VI.2011, 3 specimens; Odayeri plateau, 09.VI.2011, 2 specimens; Hasanlar

Dam, 09.VI.2011, 2 specimens; Kent forest return env., Düzce-Yığılca road, 02.VII.2011, 1 specimen; Beçi village, 02.VII.2011, 1 specimen; Düzce-Güzeldere waterfall road, Güzeldere village, 03.VII.2011, 15 specimens; Güzeldere waterfall env., 03.VII.2011, 4 specimens; Güzeldere village, Hamamöni, 03.VII.2011, 11 specimens; Güzeldere waterfall env., Hacı Yakup village, Exit of Orta, 03.VII.2011, 2 specimens; Odayeri plateau, Gelik road return, 03.VII.2011, 2 specimen.

GENUS *TITUBOEA* Lacordaire, 1848: 141

SPECIES *T. macropus* (Illiger, 1800: 128)

Material examined: Bolu: Gerede, 06.VII.2009, 1 specimen.

SUBFAMILY CRYPTOCEPHALINAE Gyllenhal, 1813: 582

TRIBE CRYPTOCEPHALINI Gyllenhal, 1813: 582

SUBTRIBE CRYPTOCEPHALINA Gyllenhal, 1813: 582

GENUS CRYPTOCEPHALUS Geoffroy, 1762: XIII

SUBGENUS CRYPTOCEPHALUS Geoffroy, 1762: XIII

SPECIES *C. anticus* Suffrian, 1848: 37 [RN]

Material examined: Bolu: Abant, Dereceören env., 19.VI.2009, 1 specimen; Hacıayaz pass, 1080 m, 07.VII.2009, 1 specimen.

SPECIES *C. aureolus* Suffrian, 1847: 132

SUBSPECIES *C. a. aureolus* Suffrian, 1847: 132

Material examined: Bolu: Akçaalan district, Abant road, 12.VII.2010, 1 specimen.

Düzce: Düzce-Güzeldere waterfall road, Güzeldere village, 03.VII.2011, 1 specimen.

SPECIES *C. bipunctatus* (Linnaeus, 1758: 374)

SUBSPECIES *C. b. bipunctatus* (Linnaeus, 1758: 374)

Material examined: Bolu: Mudurnu-Göynük road, Sünnet Lake return, Sünnet Lake env., 07.VII.2009, 1 specimen; Hacıayaz pass, 1080 m, 07.VII.2009, 1 specimen. **Düzce:** Hasanlar Dam, Hasanlar-Yığılca road, 18 km to Yığılca, 08.VI.2011, 1 specimen; Güzeldere village, Hamamöni, 03.VII.2011, 3 specimens.

SPECIES *C. concolor* Suffrian, 1847: 127 [RN]

Material examined: Bolu: 5 km to Yedigöller, 14.VI.2010, 3 specimens; Mengen, Yedigöller road, 14.VI.2010, 1 specimen; Mudurnu, Göynük roadside, Karapınar Konağı village env., 07.VII.2009, 1 specimen.

SPECIES *C. flavipes* Fabricius, 1781: 146

Material examined: Düzce: Exit of Aydın village, Yığılca road, 23.V.2011, 1 specimen; Yığılca-Aksaklar village, 1 km to Aksaklar village, 23.V.2011, 2 specimens. **Kırıkkale:** Kulaksız-Sulakyurt road, 5 km to Sulakyurt, N 40 6 E 33 43, 07.VII.2011, 1 specimen.

SPECIES *C. moraei* (Linnaeus, 1758: 374)

Material examined: Bolu: Gökçesu-Mengen road, 5 km to Mengen, 14.VI.2010, 1 specimen; Yeniçağ-Mengen road, 14.VI.2010, 1 specimen; Between Gerede and Mengen, 06.VII.2009, 1 specimens.

SPECIES *C. octopunctatus* (Scopoli, 1763: 67)

SUBSPECIES *C. o. octopunctatus* (Scopoli, 1763: 67)

Material examined: Düzce: Hasanlar-Yığılca road, 18 km to Yığılca, Hasanlar Dam sides, 23.05.2011, 1 specimen. **Kırıkkale:** Kulaksız-Sulakyurt road, 10 km to Sulakyurt, N 40 4 E 33 42, 07.VI.2011, 1 specimen.

SPECIES *C. trimaculatus* Rossi, 1790: 96

Material examined: Düzce: Hasanlar Dam, Hasanlar-Yığılca road, 18 km to Yığılca, 08.VI.2011, 1 specimen.

SPECIES *C. violaceus* Laicharting, 1781: 172**SUBSPECIES** *C. v. violaceus* Laicharting, 1781: 172

Material examined: Düzce: Odayeri plateau road, 3 km to Odayeri plateau, 24.V.2011, 1 specimen; Hasanlar Dam, Hasanlar-Yığılca road, 18 km to Yığılca, 08.VI.2011, 23 specimens; Between Aydın village and Yığılca, 1 km past to Aydın village, 08.VI.2011, 1 specimen; Beyköy road, Çınarlı village, 09.VI.2011, 2 specimens; Odayeri plateau, 09.VI.2011, 1 specimen; Hasanlar Dam, 09.VI.2011, 1 specimen; Kent forest return env., Düzce-Yığılca road, 02.VII.2011, 11 specimens; Düzce-Güzeldere waterfall road, Güzeldere village, 03.VII.2011, 23 specimens; Güzeldere waterfall env., 03.VII.2011, 3 specimens; Güzeldere village, Hamamönü, 03.VII.2011, 2 specimens; Güzeldere waterfall env., Hacı Yakup village, Exit of Orta, 03.VII.2011, 1 specimen. **Kırıkkale:** Kulaksız- Sulakyurt road, 5 km to Sulakyurt, N 40 6 E 33 43, 07.VII.2011, 1 specimen; Kulaksız-Sulakyurt road, 20 km to Sulakyurt, 25.VI.2011, 1 specimen.

SUBFAMILY CHRYSOMELINAE Latreille, 1802: 220**TRIBE CHRYSOMELINI Latreille, 1802: 220****SUBTRIBE CHRYSOMELINA Latreille, 1802****GENUS** *CHRYSOMELA* Linnaeus, 1758: 368**SPECIES** *C. populi* Linnaeus, 1758: 370

Material examined: Düzce: Kavakbıçkı village, Bostanyatak, 24.V.2011, 1 specimen. **Kırıkkale:** Kırıkkale Osmanoğlu district, N 39 51 E 33 32, 24.VII.2011, 98 specimens; Hasandede town, 06.VIII.2011, 76 specimens.

SPECIES *C. vigintipunctata* (Scopoli, 1763: 78)**SUBSPECIES** *C. v. vigintipunctata* (Scopoli, 1763: 78)

Material examined: Çankırı: Çerkeş, 01.VI.2010, 1 specimen. **Kırıkkale:** Sulakyurt-Balışeyh road, 3 km to Sulakyurt, 26.VI.2011, 1 specimen; 3 km to Sulakyurt, N 40 5 E 33 42, 25.VI.2011, 2 specimens.

GENUS *PLAGIODERA* Chevrolat, 1836: 404**SPECIES** *P. versicolora* (Laicharting, 1781: 148)

Material examined: Düzce: Between Aydın village and Yığılca, 1 km past to Aydın village, 08.VI.2011, 3 specimens. **Kırıkkale:** Refinery, N 39 46 E 33 30, 20.V.2011, 1 specimen.

SUBTRIBE PHRATORINA Motschulsky, 1860**GENUS** *PHRATORA* Chevrolat, 1836: 405**SUBGENUS** *PHYLLODECTA* Kirby, 1837: 216**SPECIES** *P. tibialis* (Suffrian, 1851: 259)**SUBSPECIES** *P. t. tibialis* (Suffrian, 1851: 259)

Material examined: Düzce: Çavuşur plateau, 09.VI.2011, 1 specimen.

SUBTRIBE PRASOCURINA Reitter, 1913**GENUS** *NEOPHAEDON* Jakobson, 1901: 90**SPECIES** *N. pyritosus* (Rossi, 1792: 31)

Material examined: Düzce: 5 km past to Çobanlar village, 23.V.2011, 2 specimens; Exit of Aydın village, Yığılca road, 23.V.2011, 1 specimen.

TRIBE DORYPHORINI Motschulsky, 1860**SUBTRIBE CHRYSOLININA S.-H. Chen, 1936****GENUS** *CHRYSOLINA* Motschulsky, 1860: 210**SUBGENUS** *COLAPHODES* Motschulsky, 1860: 212**SPECIES** *C. haemoptera* (Linnaeus, 1758: 369)**SUBSPECIES** *C. h. haemoptera* (Linnaeus, 1758: 369)

Material examined: Düzce: Odayeri plateau, 09.VI.2011, 1 specimen.

SUBGENUS OVOSOMA Motschulsky, 1860: 214**SPECIES** *C. halysa* Bechyné, 1950: 127

Material examined: Düzce: Hasanlar Dam, Hasanlar-Yığılca road, 18 km to Yığılca, 08.VI.2011, 1 specimen.

SPECIES *C. orientalis* (Olivier, 1807: 512)**SUBSPECIES** *C. o. orientalis* (Olivier, 1807: 512)

Material examined: Düzce: Hasanlar Dam, Hasanlar-Yığılca road, 18 km to Yığılca, 08.VI.2011, 2 specimens; **Kırıkkale:** Yahşihan cemetery, N 39 50 E 33 26, 21.V.2011, 1 specimen.

SPECIES *C. sahlbergi* (Ménétriés, 1832: 235)

Material examined: Düzce: Hasanlar Dam env., 23.V.2011, 1 specimen.

SUBGENUS STICHOPTERA Motschulsky, 1860: 209**SPECIES** *C. gypsophilae* (Küster, 1845: 71)

Material examined: Kırıkkale: 5 km past to Yenimahalle, Kırıkkale-Keskin road, N 39 45 E 33 27 28.III.2011, 1 specimen.

SPECIES *C. sanguinolenta* (Linnaeus, 1758: 371)

Material examined: Kırıkkale: Between Balşeyh-Sulakyurt, 6 km past to Balşeyh, N 39 54 E 33 43, 19.V.2011, 1 specimen; Kopullukaya env., N 39 46 E 33 39, 20.V.2011, 2 specimens; 2 km past to Çerikli, Çerikli-Balşeyh road, N 39 57 E 33 58, 20.V.2011, 2 specimens; Yahşihan cemetery, N 39 50 E 33 26, 21.V.2011, 1 specimen; Yahşihan-Bedesten road, 10 km past to Yahşihan, N 39 48 E 33 21, 21.V.2011, 1 specimen; 1 km to entry of Bedesten, N 39 48 E 33 21, 06.VI.2011, 1 specimen; Kırıkkale-Balşeyh road, 15 km to Balşeyh, N 39 51 E 33 33, 07.VI.2011, 2 specimens.

SUBGENUS SULCICOLLIS J. R. Sahlberg, 1913: 247**SPECIES** *C. chalcites* (Germar, 1824: 587)

Material examined: Bolu, Mengen, Yedigöller env., 14.VI.2010, 1 specimen.

SPECIES *C. oricalcia* (O. F. Müller, 1776: 82)

Material examined: Düzce: Entry of Hacilar village, 23.V.2011, 3 specimens.

SUBGENUS SYNERGA Weise, 1900: 283**SPECIES** *C. herbacea* (Duftschmid, 1825: 192)**SUBSPECIES** *C. h. herbacea* (Duftschmid, 1825: 192)

Material examined: Bolu: Gerede, 2009, 3 specimens; Mudurnu, Göynük road, Sünnet Lake return (5th km), Sünnet Lake env., 07.VII.2009, 9 specimens. **Düzce:** 5 km past to Çobanlar village, 23.V.2011, 13 specimens; Hasanlar Dam env., 23.V.2011, 174 specimens; Hasanlar-Yığılca road, 18 km to Yığılca, Hasanlar Dam sides, 23.05.2011, 111 specimens; Exit of Aydın village, Yığılca road, 23.V.2011, 22 specimens; Entry of Hacilar village, 23.V.2011, 1 specimen; Kavakbıçkı village, Bostanyatak, 24.V.2011, 9 specimens; Hasanlar Dam, Hasanlar-Yığılca road, 18 km to Yığılca, 08.VI.2011, 78 specimens; Between Aydın village and Yığılca, 1 km past to Aydın village, 08.VI.2011, 10 specimens; Odayeri plateau, 09.VI.2011, 1 specimen; Hasanlar Dam, 09.VI.2011, 16 specimens; Kent forest return, Düzce-Yığılca road, 02.VII.2011, 14 specimens; Beçi village, 02.VII.2011, 2 specimens; Düzce-Güzeldere waterfall road, Güzeldere village, 03.VII.2011, 38 specimens; Güzeldere village, Hamamönü, 03.VII.2011, 59 specimens; Düzce-Gölyaka road, 10 km past to Düzce, 31.VII.2011, 1 specimen; Gölyaka-Düzce road, 2 km past to Gölyaka, 31.VII.2011, 21 specimens. **Kırıkkale:** Kulaksız-Sulakyurt road, 10 km to Sulakyurt, N 40 4 E 33 42, 07.VI.2011, 1 specimen; Çelebi-Tatık road, 5 km past to Çelebi, N 39 31 E 33 38, 24.VII.2011, 7 specimens.

SUBGENUS TAENIOSTICHA Motschulsky, 1860: 207**SPECIES** *C. pseudolurida* (Roubal, 1917: 3)**SUBSPECIES** *C. p. pseudolurida* (Roubal, 1917: 3)

Material examined: **Kırıkkale:** Balıışeyh-Kırıkkale road, 15 km to Balıışeyh, N 39 51 E 33 34, 19.V.2011, 4 specimens; Between Balıışeyh and Sulakyurt, 6 km past to Balıışeyh, N 39 54 E 33 43, 19.V.2011, 2 specimens; Entry of Sulakyurt, N 40 9 E 33 43, 19.V.2011, 1 specimen; 2 km past to Çerikli, Çerikli-Balıışeyh road, N 39 57 E 33 58, 20.V.2011, 1 specimen; Kalecik-Çankırı return, Elmadağ-Kırıkkale road, N 39 55 E 33 24, 06.VI.2011, 1 specimen; 1 km to entry of Bedesten, N 39 48 E 33 21, 06.VI.2011, 1 specimen; Konur town, N 39 34 E 33 45, 06.VI.2011, 1 specimen.

SUBTRIBE DORYPHORINA Motschulsky, 1860**GENUS ENTOMOSCELIS** Chevrolat, 1836: 426**SPECIES** *E. adonidis* (Pallas, 1771: 462)

Material examined: **Kırıkkale:** Elmadağ-Kırıkkale road, N 39 55 E 33 25, 19.V.2011, 6 specimens; Balıışeyh-Kırıkkale road, 15 km to Balıışeyh, N 39 51 E 33 34, 19.V.2011, 18 specimens; Balıışeyh-Yozgat road, 10 km to Balıışeyh, N 39 56 E 33 56, 19.V.2011, 2 specimens; Yahşıhan cemetery, N 39 50 E 33 26, 21.V.2011, 2 specimens; Haclar-Karaahmetler road, 5 km past to Haclar, N 39 42 E 33 19, 21.V.2011, 1 specimen; Karakeçili, N 39 36 E 33 20, 21.V.2011, 3 specimens.

SPECIES *E. suturalis* Weise, 1882: 312

Material examined: **Kırıkkale:** 5 km past to Yenimahalle, Kırıkkale-Keskin road, N 39 45 E 33 27, 28.III.2011, 2 specimens.

GENUS GONIOCTENA Chevrolat, 1836: 403**SUBGENUS SPARTOMENA** Reitter, 1913: 128**SPECIES** *G. fornicata* Brüggenmann, 1873: 518 [RN]

Material examined: **Bolu:** Kırısıcık-Seben road, 10 km to Seben, 18.VI.2009, 1 specimen. **Düzce:** Hasanlar Dam, Hasanlar-Yiğilca road, 18 km to Yiğilca, 08.VI.2011, 2 specimens; Between Aydın village and Yiğilca, 1 km past to Aydın village, 08.VI.2011, 2 specimens. **Kırıkkale:** 5 km past to Cankurtaran, 27.IV.2011, 1 specimen; 3 km to Sulakyurt, N 40 5 E 33 42, 25.VI.2011, 1 specimen; Exit of Kulaksız, Sulakyurt road, 20 km to Sulakyurt, N 40 14 E 33 43, 26.VI.2011, 10 specimens; Sulakyurt-Balıışeyh road, 3 km to Sulakyurt, 26.VI.2011, 1 specimen.

SUBFAMILY ALTICINAE Newman, 1834: 421**TRIBE ALTICINI** Newman, 1834: 421**GENUS ALTICA** Geoffroy, 1762: 244**SPECIES** *A. quercetorum* Foudras, 1861: 37**SUBSPECIES** *A. q. quercetorum* Foudras, 1861: 37

Material examined: **Kırıkkale:** Kulaksız-Sulakyurt road, 10 km to Sulakyurt, N 40 4 E 33 42, 07.VI.2011, 4 specimens.

GENUS OCHROSIS Foudras, 1861: 46**SPECIES** *O. ventralis* Illiger, 1807: 58

Material examined: **Kırıkkale:** Haclar-Küreboğazi village road, 1 km to Küreboğazi, N 39 41 E 33 19, 25.VI.2011, 2 specimens.

GENUS PODAGRICA Chevrolat, 1836: 394**SPECIES** *P. fuscicornis* (Linnaeus, 1767: 595)

Material examined: **Kırıkkale:** Haclar-Küreboğazi village road, 1 km to Küreboğazi, N 39 41 E 33 19, 25.VI.2011, 6 specimens.

GENUS PSYLLIODES Latreille, 1829: 154**SUBGENUS PSYLLIODES** Latreille, 1829: 154**SPECIES** *P. attenuata* (Koch, 1803: 34)

Material examined: **Kırıkkale:** 5 km past to Yenimahalle, Kırıkkale-Keskin road, N 39 45 E 33 27, 28.III.2011, 3 specimens.

SPECIES *P. tricolor* Weise, 1888: 806

Material examined: **Kırıkkale:** Kırıkkale-Bahşeyh road, 15 km to Bahşeyh, N 39 51 E 33 23, 25.VI.2011, 2 specimens.

SUBFAMILY HISPINAE Gyllenhal, 1813: 448

TRIBE HISPINI Gyllenhal, 1813: 448

GENUS *DICLADISPA* Gestro, 1897: 81

SPECIES *D. testacea* (Linnaeus, 1767: 603)

Material examined: **Düzce:** Kent forest return, Düzce-Yığılca road, 02.VII.2011, 1 specimen.

GENUS *HISPA* Linnaeus, 1767: 603

SPECIES *H. atra* Linnaeus, 1767: 603

Material examined: **Konya:** Beyşehir, N 37 35 E 31 34, 1144 m, 17.VI.2007, 1 specimen.

SUBFAMILY CASSIDINAE Gyllenhal, 1813: 434

TRIBE CASSIDINI Gyllenhal, 1813: 434

GENUS *CASSIDA* Linnaeus, 1758: 362

SPECIES *C. pannonica* Suffrian, 1844: 147

Material examined: **Düzce:** Between Aydın village and Yığılca, 1 km past to Aydın village, 08.VI.2011, 3 specimens. **Kırıkkale:** Kulaksız-Sulakyurt road, 5 km to Sulakyurt, N 40 6 E 33 43, 07.VII.2011, 1 specimen; 3 km to Sulakyurt, N 40 5 E 33 42, 25.VI.2011, 1 specimen.

SPECIES *C. prasina* Illiger, 1798: 481

Material examined: **Düzce:** Çavuşur plateau, 09.VI.2011, 2 specimens.

SPECIES *C. sanguinolenta* O. F. Müller, 1776: 65

Material examined: **Düzce:** Exit of Aydın village, Yığılca road, 23.V.2011, 1 specimen; Between Aydın village and Yığılca, 1 km past to Aydın village, 08.VI.2011, 18 specimens.

SPECIES *C. sanguinosa* Suffrian, 1844: 105

Material examined: **Düzce:** Application forest of Düzce Üniv. Forestry Faculty, 28.IV.2011, 1 specimen; 5 km past to Çobanlar village, 23.V.2011, 1 specimen.

GENUS *HYPOCASSIDA* Weise, 1893: 1074

SPECIES *H. subferruginea* (Schrank, 1776: 62)

Material examined: **Düzce:** Between Aydın village and Yığılca, 1 km past to Aydın village, 08.VI.2011, 1 specimen; Güzeldere waterfall env., Hacı Yakup village, Exit of Orta, 03.VII.2011, 1 specimen.

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