

LONGICORN BEETLES OF ÇANKIRI PROVINCE IN TURKEY (COLEOPTERA: CERAMBYCIDAE)

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ABSTRACT: This work is the first attempt for entire longhorned beetles fauna of Çankırı. All known taxa from Çankırı province are given with some new faunistic data in the present text. 28 of them are recorded for the first time for Çankırı's fauna. 11 of them are recorded from Çankırı in old references only.

KEY WORDS: Cerambycidae, Coleoptera, fauna, new records, Çankırı, Turkey.

Çankırı is a province in the North of Central Anatolian Region of Turkey. Northern towns of the province are in Black Sea Region. It is bordered by Karabük and Kastamonu provinces in the North, Çorum province in the East, Kırıkkale province in the South-East, Ankara province in the South and Bolu province in the West. It is situated about 800 m above sea level. It has a total of 12 towns (incl. Central town) (Map 1).

The data on this fauna has accumulated in a piecemeal fashion over the twentieth century and this century especially. Various authors have reported some partial data on the fauna in their different works. However, most of works were completed in a short time and their works did not focus on fauna of Çankırı generally. So the longhorned beetles fauna of Çankırı has not been studied completely until now.

In this work, some new faunistic data are presented. Besides, according to cited literatures, all known taxa from Ankara province are also given in the text.

We determined that the longhorned beetles fauna of Çankırı province consists of 58 species.

SUPERFAMILY CERAMBYCOIDEA Latreille, 1802

FAMILY CERAMBYCIDAE Latreille, 1802: 211

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: Çankırı: 4 km to Ilgaz, wood store of Dörtler, 11.05.2013, N 40° 54' - E 33° 38', 894 m, 24°C, on wood, 1 specimen; Kırkpınar plateau road, 30.06.2013, N 41° 0' - E 33° 39', pheromon trap, 1 specimen.

Remarks: New to Çankırı province.

GENUS *DINOPTERA* Mulsant, 1863: 494

SUBGENUS *DINOPTERA* Mulsant, 1863: 494

SPECIES *D. collaris* (Linnaeus, 1758: 398)

Material examined: Çankırı: Ilgaz-Kastamonu road, 30.06.2013, N 41° 2' - E 33° 43', 28°C, on plant, 1 specimen.

GENUS CORTODERA Mulsant, 1863: 572**SPECIES** *C. discolor* Fairmaire, 1866: 277

Material examined: Çankırı: exit of Akçavakif, Çankırı-Kastamonu road, 11.05.2013, N 40° 41' - E 33° 33', 866 m, 20°C, on plant, 1 specimen.

Remarks: New to Çankırı province.

SPECIES *C. flavimana* (Waltl, 1838: 471)**SUBSPECIES** *C. f. flavimana* (Waltl, 1838: 471)

Material examined: Çankırı: Şabanözü-Orta road, exit of Çerçi vill., 04.05.2013, N 40° 31' - E 33° 12', 1202 m, 26°C, on plant, 21 specimens; Şabanözü-Orta road, entry of Elmalık, 04.05.2013, N 40° 32' - E 33° 8', 1318-1381 m, 24-26°C, on plant, 55 specimens; Orta-Çerkeş road, Güzelyurt vill., N 40° 44' - E 33° 1', 1283 m, 27°C, on *Ranunculus*, 6 specimens; Güldürecek Dam env., entry of Dodurga, 08.06.2013, N 40° 26' - E 32° 59', on plant, 19 specimens.

SPECIES *C. rufipes* (Kraatz, 1876: 344)

Material examined: Çankırı: Şabanözü-Orta road, exit of Çerçi vill., 04.05.2013, N 40° 31' - E 33° 12', 1202 m, 26°C, on plant, 18 specimens; Şabanözü-Orta road, entry of Elmalık, 04.05.2013, N 40° 32' - E 33° 8', 1318 m, 24°C, on plant, 31 specimens; Bulduk pass env., 04.05.2013, N 40° 33' - E 33° 11', 1409 m, 25°C, on plant, 3 specimens; Orta-Çerkeş road, Güzelyurt vill., N 40° 44' - E 33° 1', 1283 m, 27°C, on *Ranunculus*, 2 specimens; Güldürecek Dam env., entry of Dodurga, 08.06.2013, N 40° 26' - E 32° 59', on plant, 8 specimens.

TRIBE LEPTURINI Latreille, 1802: 218**GENUS VADONIA** Mulsant, 1863: 559**SPECIES** *V. moesiaca* (Daniel & Daniel, 1891: 6)

From references.

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

Material examined: Çankırı: Çerkeş-Atkaracalar road, 5 km to Atkaracalar, 08.06.2013, N 40° 48' - E 33° 0', 1 specimen.

GENUS PSEUDOVADONIA Lobanov et al., 1981: 787**SPECIES** *P. livida* (Fabricius, 1777: 233)**SUBSPECIES** *P. l. livida* (Fabricius, 1777: 233)

Material examined: Çankırı: Eldivan-Şabanözü road, 5 km to Bakırlı vill., 29.06.2013, N 40° 39' - E 33° 30', 6 specimens; Şabanözü-Orta road, Elmalık, in cemetery, 29.06.2013, N 40° 37' - E 33° 5', 4 specimens; Ilgaz-Kastamonu road, 30.06.2013, N 41° 2' - E 33° 43', 28°C, on plant, 6 specimens; Kırkpınar plateau road, Ilgaz-Kastamonu road, 30.06.2013, N 41° 0' - E 33° 40', 31°C, on plant, 3 specimens.

GENUS STICTOLEPTURA Casey, 1924: 280**SUBGENUS STICTOLEPTURA** Casey, 1924: 280**SPECIES** *S. fulva* (DeGeer, 1775: 137)

Material examined: Çankırı: Kırkpınar plateau road, Ilgaz-Kastamonu road, 30.06.2013, N 41° 0' - E 33° 40', 31°C, on plant, 3 specimens.

Remarks: New to Çankırı province.

GENUS ANASTRANGALIA Casey, 1924: 280**SPECIES** *A. dubia* (Scopoli, 1763: 47)**SUBSPECIES** *A. d. dubia* (Scopoli, 1763: 47)

From references.

SPECIES *A. sanguinolenta* (Linnaeus, 1760: 196)

Material examined: Ilgaz-Kastamonu road, 30.06.2013, N 41° 3' - E 33° 44', 27°C, pheromon trap, 2 specimens.

Remarks: New to Çankırı province.

GENUS JUDOLIA Mulsant, 1863: 496**SPECIES** *J. erratica* (Dalman, 1817: 490)

Material examined: Çankırı: Eldivan-Şabanözü road, 5 km to Bakırlı vill., 29.06.2013, N 40° 39' - E 33° 30', on folwers, 36 specimens; Ilgaz-Kastamonu road, 30.06.2013, N 41° 2' - E 33° 43', 28°C, on plant, 4 specimens.

GENUS RUTPELA Nakani & Ohbayashi, 1957: 242**SPECIES** *R. maculata* (Poda, 1761: 37)**SUBSPECIES** *R. m. maculata* (Poda, 1761: 37)

From references.

GENUS STENURELLA Villiers, 1974: 217**SPECIES** *S. bifasciata* (Müller, 1776: 93)**SUBSPECIES** *S. b. limbiventris* (Reitter, 1898: 21)

Material examined: Çankırı: Ilgaz-Kastamonu road, 30.06.2013, N 41° 2' - E 33° 43', 28°C, on plant, 4 specimens; Kırkpınar plateau road, Ilgaz-Kastamonu road, 30.06.2013, N 41° 0' - E 33° 40', 31°C, on plant, 25 specimens.

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

Material examined: Çankırı: Eldivan-Şabanözü road, 5 km to Bakırlı vill., 29.06.2013, N 40° 39' - E 33° 30', on flowers, 29 specimens; Kırkpınar plateau road, Ilgaz-Kastamonu road, 30.06.2013, N 41° 0' - E 33° 40', 31°C, on plant, 5 specimens.

Remarks: New to Çankırı province.

SUBFAMILY ASEMINEAE Thomson, 1861: 139**TRIBE ASEMINE** Thomson, 1861**GENUS ASEMUM** Eschscholtz, 1830: 66**SPECIES** *A. striatum* (Linnaeus, 1758: 396)

Material examined: 4 km to Ilgaz, wood store of Dörtler, 05.05.2013, N 40° 54' - E 33° 38', 894 m, 27°C, in bark, 1 specimen; Kırkpınar plateau road, 30.06.2013, N 41° 0' - E 33° 39', pheromon trap, 1 specimen.

Remarks: New to Çankırı province.

SUBFAMILY SPONDYLIDINAE Audinet-Serville, 1832: 123**TRIBE SPONDYLIDINI** Audinet-Serville, 1832: 123**GENUS SPONDYLIS** Fabricius, 1775: 159**SPECIES** *S. buprestoides* (Linnaeus, 1758: 388)

Material examined: Çankırı: Kırkpınar plateau road, 30.06.2013, N 41° 0' - E 33° 39', pheromon trap, 2 specimens.

Remarks: New to Çankırı province.

SUBFAMILY CERAMBYCINAE Latreille, 1802: 211**TRIBE TRACHYDERINI** Dupont, 1836: 1**SUBTRIBE TRACHIDERINA** Dupont, 1836: 1**GENUS PURPURICENUS** Dejean, 1821: 105**SPECIES** *P. budensis* (Götz, 1783: 70)

Material examined: Çankırı: Çankırı-Eldivan road, 29.06.2013, N 40° 34' - E 33° 31', on plant, 2 specimens.

Remarks: New to Çankırı province.

TRIBE CERTALLINI Fairmaire, 1864: 149**GENUS CERTALLUM** Dejean, 1821: 111

SPECIES *C. ebulinum* (Linnaeus, 1767: 637)

Material examined: Çankırı: 26 km to Kızılırmak, entry of Bayanpınarı vill., 21.04.2013, N 40° 27'- E 33° 59', 588 m, 17°C, on plant, 1 specimen; Çankırı-Korgun road, entry of Akçavakıf vill., 05.05.2013, N 40° 40'- E 33° 35', 877 m, 23°C, on plant, 5 specimens; Çankırı-Yapraklı road, 05.05.2013, N 40° 38'- E 33° 42', 910 m, 29°C, on plant, 2 specimens; entry of Yukarı Pelitözü vill., 05.05.2013, N 40° 28'- E 33° 39', 691 m, 31°C, on plant, 4 specimens; Çankırı-Kızılırmak road, 05.05.2013, N 40° 26'- E 33° 42', 692 m, 36°C, 14 specimens; Çankırı-Kızılırmak road, 05.05.2013, N 40° 27'- E 33° 48', 639 m, 34°C, on plant, 4 specimens; Çankırı border, 11.05.2013, N 40° 19'- E 33° 30', 809 m, 21°C, 1 specimen; Ankara-Çankırı road, 30 km pass to Kalecik, 41 km to Çankırı, 11.05.2013, N 40° 19'- E 33° 31', 789 m, 18°C, on plant, 4 specimens; Çankırı road, Tuz stream bridge, 11.05.2013, N 40° 23'- E 33° 33', 725 m, 17°C, on plant, 5 specimens; Forest store, 11.05.2013, N 40° 54'- E 33° 38', 894 m, 24°C, on wood, 3 specimens; Çankırı-Eldivan road, entry of Aşağıyanlar vill., 09.06.2013, N 40° 33'- E 33° 32', on plant, 2 specimens; Eldivan, wood store, 09.06.2013, N 40° 32'- E 33° 30', in bark of *Pinus*, 9 specimens; Çankırı-Kızılırmak road, 18 km to Kızılırmak, 5 km to İskilip return, 09.06.2013, N 40° 27'- E 33° 48', on plant, 9 specimens.

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

Material examined: Çankırı: Eldivan, wood store, 29.06.2013, N 40° 32'- E 33° 30', in bark of *Pinus*, 2 specimens.

GENUS PHYMATODES Mulsant, 1839: 47**SUBGENUS PHYMATODES** Mulsant, 1839: 47**SPECIES** *P. testaceus* (Linnaeus, 1758: 396)

Material examined: Çankırı: Eldivan, wood store, 29.06.2013, N 40° 32'- E 33° 30', in bark of *Pinus*, 1 specimen.

Remarks: New to Çankırı province.

TRIBE ANAGLYPTINI Lacordaire, 1868: 404**GENUS ANAGLYPTUS** Mulsant, 1839: 91**SUBGENUS ANAGLYPTUS** Mulsant, 1839: 91**SPECIES** *A. arabicus* (Küster, 1847: 95)

From references.

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

Material examined: Çankırı: Çankırı-Kızılırmak road, 30 km to Kızılırmak, 09.06.2013, N 40° 26'- E 33° 42', on plant, 3 specimens; Çankırı-Kızılırmak road, 18 km to Kızılırmak, 5 km to İskilip return, 09.06.2013, N 40° 27'- E 33° 48', on plant, 22 specimens; Kızılırmak-Çankırı road, Çankırı border, 09.06.2013, N 40° 19'- E 34° 4', on flowers, 1 specimen; Çankırı-Ankara road, 38 km to Kalecik, 09.06.2013, N 40° 22'- E 33° 31', on plant, 1 specimen; Şabanözü-Orta road, Elmalık return, 29.06.2013, N 40° 37'- E 33° 9', 29°C, on plant, 1 specimen; Şabanözü-Orta road, Elmalık road, 29.06.2013, N 40° 33'- E 33° 8', 31°C, on plant, 85 specimens; Ilgaz-Kastamonu road, 30.06.2013, N 41° 2'- E 33° 43', 28°C, on plant, 10 specimens; Kırkpınar plateau road, Ilgaz-Kastamonu road, 30.06.2013, N 41° 0'- E 33° 40', 31°C, on plant, 5 specimens.

SUBGENUS NEOPLAGIONOTUS Kasatkin, 2005: 51**SPECIES** *P. bobelayei* (Brullé, 1832: 253)

Material examined: Çankırı: Çankırı-Kızılırmak road, 18 km to Kızılırmak, 5 km to İskilip return, 09.06.2013, N 40° 27' - E 33° 48', on plant, 3 specimens; Kızılırmak-Çankırı road, Çankırı border, 09.06.2013, N 40° 19' - E 34° 4', on flowers, 4 specimens; Çankırı-Ankara road, Çankırı-Kızılırmak return, Kızılırmak road, 09.06.2013, N 40° 26' - E 33° 39', on plant, 1 specimen; Çankırı-Ankara road, 42 km Ankara, Hacıbey district, 09.06.2013, N 40° 23' - E 33° 32', on plant, 6 specimens.

Remarks: New to Çankırı province.

GENUS CHLOROPHORUS Chevrolat, 186: 290**SUBGENUS CHLOROPHORUS** Chevrolat, 1863: 290**SPECIES** *C. varius* (Müller, 1766: 188)**SUBSPECIES** *C. v. varius* (Müller, 1766: 188)

Material examined: Çankırı: Çankırı-Eldivan road, 29.06.2013, N 40° 34' - E 33° 31', on plant, 1 specimen.

SUBGENUS CRASSOFASCIATUS Özdikmen, 2011: 538**SPECIES** *C. aegyptiacus* (Fabricius, 1775: 194)

Material examined: Çankırı: Kırkpınar plateau road, Ilgaz-Kastamonu road, 30.06.2013, N 41° 0' - E 33° 40', 31°C, on plant, 4 specimens.

Remarks: New to Çankırı province.

SUBGENUS PERDEROMACULATUS Özdikmen, 2011: 537**SPECIES** *C. sartor* (Müller, 1766: 188)

From references.

GENUS RUSTICOCLYTUS Vives, 1977: 130**SPECIES** *R. rusticus* (Linnaeus, 1758: 398)

Material examined: Çankırı: Eldivan, wood store, 29.06.2013, N 40° 32' - E 33° 30', in bark of *Pinus*, 5 specimens.

GENUS CLYTUS Laicharting, 1784: 88**SPECIES** *C. arietis* (Linnaeus, 1758: 399)**SUBSPECIES** *C. a. arietis* (Linnaeus, 1758: 399)

From references.

SPECIES *C. rhamni* Germar, 1817: 223**SUBSPECIES** *C. r. temesiensis* (Germar, 1824: 519)

From references.

SPECIES *C. schurmanni* Sama, 1996: 108

Material examined: Çankırı: Eldivan-Şabanözü road, 5 km to Bakırlı vill., 29.06.2013, N 40° 39' - E 33° 30', on flowers, 1 specimen; Ilgaz-Kastamonu road, 30.06.2013, N 41° 2' - E 33° 43', 28°C, on plant, 1 specimen.

SUBFAMILY STENOPTERINAE Gistel, 1848: [9] (unnumbered section)**TRIBE STENOPTERINI** Gistel, 1848: [9]**GENUS STENOPTERUS** Illiger, 1804: 120**SPECIES** *S. rufus* (Linnaeus, 1767: 642)**SUBSPECIES** *S. r. geniculatus* Kraatz, 1863: 104

Material examined: Çankırı: Çankırı-Eldivan road, 29.06.2013, N 40° 34' - E 33° 31', on plant, 2 specimens; Eldivan-Şabanözü road, 5 km to Bakırlı vill., 29.06.2013, N 40° 39' - E 33° 30', on flowers, 5 specimens; Kırkpınar plateau road, Ilgaz-Kastamonu road, 30.06.2013, N 41° 0' - E 33° 40', 31°C, on plant, 1 specimen.

SUBFAMILY DORCADIONINAE Swainson, 1840: 290**TRIBE DORCADIONINI Swainson, 1840: 290****GENUS DORCADION Dalman, 1817: 397****SUBGENUS CRIBRIDORCADION Pic, 1901: 12****SPECIES *D. cinerarium* (Fabricius, 1787: 140)**

From references.

SPECIES *D. muchei* Breuning, 1962: 38

From references.

SPECIES *D. rufipenne* Breuning, 1946: 118**SUBSPECIES *D. r. rufipenne* Breuning, 1946: 118**

Material examined: Çankırı: between Şabanözü-Orta, Bulduk pass, 20.04.2013, N 40° 33'- E 33° 11', 1442 m, 12°C, 87 specimens; Şabanözü-Orta road, exit of Çerçi vill., 04.05.2013, N 40° 31'- E 33° 12', 1202 m, 26°C, 1 specimen; Elmalık vill., 04.05.2013, N 40° 32'- E N 33° 8', 1381 m, 26°C, 8 specimens; between Şabanözü-Orta, Bulduk pass, 04.05.2013, N 40° 33'- E 33° 11', 1442 m, 25°C, 18 specimens; Şabanözü-Orta road, 20 km to Şabanözü, 04.05.2013, N 40° 35'- E 33° 8', 1327 m, 30°C, 32 specimens.

SPECIES *D. scabricolle* (Dalman, 1817: 174)**SUBSPECIES *D. s. paphlagonicum* Breuning, 1962: 459**

Material examined: Çankırı: Eldivan-Şabanözü road, 16 km to Şabanözü, 20.04.2013, N 40° 30'- E 33° 25', 1332 m, 17°C, 2 specimens; between Şabanözü-Orta, Bulduk pass, 20.04.2013, N 40° 33'- E 33° 11', 1442 m, 12°C, 46 specimens; Şabanözü-Orta road, exit of Çerçi vill., 04.05.2013, N 40° 31'- E 33° 12', 1202 m, 26°C, 1 specimen; between Şabanözü-Orta, Bulduk pass, 04.05.2013, N 40° 33'- E 33° 11', 1442 m, 25°C, 3 specimens; Orta-Çerkeş road, exit of Orta, 04.05.2013, N 40° 38'- E 33° 4', 1373 m, 26°C, 1 specimen.

Remarks: New to Çankırı province.

SPECIES *D. septemlineatum* Waltl, 1838: 469**SUBSPECIES *D. s. abanti* Braun, 1976: 54**

Material examined: Çankırı: exit of Çerkeş, Aytaç fabric env., 04.05.2013, N 40° 49'- E 32° 50', 1151 m, 30°C, 21 specimens.

Remarks: New to Çankırı province.

SPECIES *D. subsericatum* Pic, 1901: 12**SUBSPECIES *D. s. subsericatum* Pic, 1901: 12**

From references.

SPECIES *D. yilmazi* Özdikmen & Kaya, 2014

Material examined: Çankırı: Eldivan-Şabanözü road, 16 km to Şabanözü, 20.04.2013, N 40° 30'- E 33° 25', 1332 m, 17°C, 1 specimen; İkizören road, 5 km to Topuzsaray vill., 21.04.2013, N 40° 39' - E 33° 50', 1023 m, 18°C, 12 specimens; Hayder vill., pass to Topuzsaray, 21.04.2013, 2 specimens.

Remarks: New to Çankırı province.

SUBFAMILY LAMIINAE Latreille, 1825: 401**TRIBE LAMIINI Latreille, 1825: 401****GENUS MORIMUS Brullé, 1832: 258****SPECIES *M. orientalis* Reitter, 1894: 43**

Material examined: Çankırı: Eldivan, wood store, 09.06.2013, 29.06.2013, N 40° 32'- E 33° 30', in bark of *Pinus*, 3 specimens.

Remarks: New to Çankırı province.

TRIBE POGONOCHERINI Mulsant, 1839: 151**GENUS POGONOCHERUS Dejean, 1821: 107**

SUBGENUS PITYPHILUS Mulsant, 1862: 302**SPECIES** *P. fasciculatus* (DeGeer, 1775: 71)**SUBSPECIES** *P. f. fasciculatus* (DeGeer, 1775: 71)

Material examined: Çankırı: 4 km to Ilgaz, wood store of Dörtler, 11.05.2013, N 40° 54' - E 33° 38', 894 m, 24°C, on wood, 1 specimen.

Remarks: New to Çankırı province.

TRIBE ACANTHOCININI Blanchard, 1845: 154**GENUS ACANTHOCINUS** Dejean, 1821: 106**SPECIES** *A. aedilis* (Linnaeus, 1758: 392)

Material examined: Çankırı: 4 km to Ilgaz, wood store of Dörtler, 11.05.2013, N 40° 54' - E 33° 38', 894 m, 24°C, on wood, 3 specimens.

Remarks: New to Çankırı province.

GENUS LEIOPUS Audinet-Serville, 1835: 86**SPECIES** *L. nebulosus* (Linnaeus, 1758: 391)**SUBSPECIES** *L. n. nebulosus* (Linnaeus, 1758: 391)

Material examined: Çankırı: 4 km to Ilgaz, wood store of Dörtler, 30.06.2013, N 40° 54' - E 33° 38', 894 m, 25°C, in bark, 1 specimen.

Remarks: New to Çankırı province.

TRIBE PHYTOECIINI Mulsant, 1839: 191**GENUS OBEREA** Dejean, 1835: 351**SUBGENUS AMAUROSSTOMA** Müller, 1906: 223**SPECIES** *O. resslii* Demelt, 1963: 150

From references.

GENUS OXYLIA Mulsant, 1862: 398**SPECIES** *O. argentata* (Ménétriés, 1832: 227)**SUBSPECIES** *O. a. argentata* (Ménétriés, 1832: 227)

Material examined: Çankırı: Çankırı-Yapraklı road, 10 km to flour industry, 11 km to Yapraklı, 09.06.2013, N 40° 40' - E 33° 46', on flowers, 5 specimens; between Çankırı-Yapraklı, entry of Yapraklı, 09.06.2013, N 40° 42' - E 33° 50', on plant, 11 specimens; Çankırı-Eldivan road, entry of Aşağıyanlar vill., 09.06.2013, N 40° 33' - E 33° 32', on plant, 1 specimen; Kızılırmak-Çankırı road, Çankırı border, 09.06.2013, N 40° 19' - E 34° 4', on flower, 1 specimen; Çankırı-Eldivan road, 29.06.2013, N 40° 34' - E 33° 31', on plant, 1 specimen; Şabanözü-Orta road, Elmalık return, 29.06.2013, N 40° 37' - E 33° 9', 29°C, on plant, 1 specimen; Orta-Çerkeş road, 35 km to Çerkeş, 29.06.2013, N 40° 40' - E 33° 6', 31°C, on plant, 1 specimen.

Remarks: New to Çankırı province.

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: Çankırı: 26 km to Kızılırmak, entry of Bayanpınarı vill., 21.04.2013, N 40° 27' - E 33° 59', 588 m, 17°C, on plant, 18 specimens; Çankırı-Yapraklı road, 05.05.2013, N 40° 38' - E 33° 42', 910 m, 29°C, on plant, 1 specimen; Çankırı-Kızılırmak road, 05.05.2013, N 40° 26' - E 33° 42', 692 m, 36°C, 6 specimens; Çankırı-Kızılırmak road, 05.05.2013, N 40° 27' - E 33° 48', 639 m, 34°C, on plant, 2 specimens; Çankırı border, 11.05.2013, N 40° 19' - E 33° 30', 809 m, 21°C, 1 specimen; Çankırı road, Tuz stream bridge, 11.05.2013, N 40° 23' - E 33° 33', 725 m, 17°C, on plant, 2 specimens; between Çankırı-Yapraklı, entry of Yapraklı, 09.06.2013, N 40° 42' - E 33° 50', on plant, 1 specimen.

Remarks: New to Çankırı province.

SUBGENUS MUSARIA Thomson, 1864: 121**SPECIES** *P. wachanrui* Mulsant, 1851: 120

Material examined: between Şabanözü-Orta, Bulduk pass, 04.05.2013, N 40° 33'- E 33° 11', 1442 m, 25°C, on plant, 1 specimen.

Remarks: New to Çankırı province.

SUBGENUS NEOMUSARIA Plavilstshikov, 1928: 123**SPECIES** *P. merkli* Ganglbauer, 1884: 560

Material examined: Çankırı: Bulduk pass env., 08.06.2013, N 40° 37'- E 33° 8', 1445 m, on flowers, 6 specimens.

Remarks: New to Çankırı province.

SPECIES *P. pauliraputii* (Sama, 1993: 295)

Material examined: Çankırı: Bulduk pass env., 08.06.2013, N 40° 37'- E 33° 8', 1445 m, on flowers, 5 specimens.

SUBGENUS PHYTOECIA Dejean, 1835: 351**SPECIES** *P. caerulea* (Scopoli, 1772: 102)**SUBSPECIES** *P. c. caerulea* (Scopoli, 1772: 102)

Material examined: Çankırı: Çankırı-Ankara road, 2 km to Akören vill., 20.04.2013, N 40° 23'- E 33° 34', 733 m, 14°C, on plant, 1 specimen; 26 km to Kızılırmak, entry of Bayanpınarı vill., 21.04.2013, N 40° 27'- E 33° 59', 588 m, 17°C, on plant, 11 specimens; Çankırı-Yapraklı road, 05.05.2013, N 40° 38'- E 33° 42', 910 m, 29°C, on plant, 2 specimens; entry of Yukarı Pelitözü vill., 05.05.2013, N 40° 28'- E 33° 39', 691 m, 31°C, on plant, 2 specimens; Çankırı-Yapraklı road, 100 m to flour industry, 11 km to Yapraklı, 09.06.2013, N 40° 40'- E 33° 46', on flowers, 3 specimens; between Çankırı-Yapraklı, entry of Yapraklı, 09.06.2013, N 40° 42'- E 33° 50', on plant, 1 specimen.

Remarks: New to Çankırı province.

SPECIES *P. pubescens* Pic, 1895: 64

Material examined: Çankırı: 4 km to Ilgaz, wood store of Dörtler, 11.05.2013, N 40° 54'- E 33° 38', 894 m, 24°C, on wood, 1 specimen.

Remarks: New to Çankırı province.

SPECIES *P. rufipes* (Olivier, 1795: 25)**SUBSPECIES** *P. r. rufipes* (Olivier, 1795: 25)

Material examined: Çankırı: Çankırı-Yapraklı road, 05.05.2013, N 40° 38'- E 33° 42', 910 m, 29°C, on plant, 1 specimen.

Remarks: New to Çankırı province.

SPECIES *P. virgula* (Charpentier, 1825: 225)

Material examined: Çankırı: Çankırı-Kızılırmak road, 05.05.2013, N 40° 26'- E 33° 42', 692 m, 36°C, on plant, 1 specimen; Çankırı-Kızılırmak road, 05.05.2013, N 40° 27'- E 33° 48', 639 m, 34°C, on plant, 2 specimens; Ankara-Çankırı road, 30 km pass to Kalecik, 41 km to Çankırı, 11.05.2013, N 40° 19'- E 33° 31', 789 m, 18°C, on plant, 1 specimen; Çankırı road, Tuz stream bridge, 11.05.2013, N 40° 23'- E 33° 33', 725 m, 17°C, on plant, 5 specimens; Şabanözü-Orta road, 24 km to Orta, 08.06.2013, N 40° 28'- E 33° 16', 1300 m, on plant, 2 specimens; between Çerkeş-Aytaç, 08.06.2013, N 40° 49'- E 32° 52', 1 specimen; Çerkeş, 08.06.2013, N 40° 48'- E 32° 53', on plant, 2 specimens; between Çankırı-Yapraklı, 9 km to Yapraklı, 09.06.2013, N 40° 42'- E 33° 48', on plant, 2 specimens; Çankırı-Eldivan road, entry of Aşağıyanlar vill., 09.06.2013, N 40° 33'- E 33° 32', on plant, 1 specimen; Çankırı-Ankara road, 12 km pass to Eldivan return, 60 km to Kalacık, 09.06.2013, N 40° 29'- E 33° 38', on plant, 3 specimens; Orta-Çerkeş road, 35 km to Çerkeş, 29.06.2013, N 40° 40'- E 33° 6', 31°C, on plant, 1 specimen.

Remarks: New to Çankırı province.

SUBGENUS OPSILIA Mulsant, 1862: 387**SPECIES** *P. coeruleascens* (Scopoli, 1763: 49)

Material examined: Çankırı: Kurşunlu, 08.06.2013, N 40° 50' - E 33° 16', on plant, 1 specimen; Çankırı-Yapraklı road, 100 m to flour industry, 11 km to Yapraklı, 09.06.2013, N 40° 40' - E 33° 46', on flowers, 15 specimens; between Çankırı-Yapraklı, entry of Yapraklı, 09.06.2013, N 40° 42' - E 33° 50', on plant, 8 specimens; Çankırı-Eldivan road, entry of Aşağıyanlar vill., 09.06.2013, N 40° 33' - E 33° 32', on plant, 13 specimens; Çankırı-Kızılırmak road, 30 km to Kızılırmak, 09.06.2013, N 40° 26' - E 33° 42', on plant, 2 specimens; Çankırı-Kızılırmak road, 18 km to Kızılırmak, 5 km to İskilip return, 09.06.2013, N 40° 27' - E 33° 48', on plant, 2 specimens; Kızılırmak-Çankırı road, Çankırı border, 09.06.2013, N 40° 19' - E 34° 4', on flowers, 8 specimens; Çankırı-Ankara road, Çankırı-Kızılırmak return, 09.06.2013, N 40° 26' - E 33° 39', on plant, 8 specimens; Çankırı-Ankara road, 42 km to Ankara, Hacıbey district, 09.06.2013, N 40° 23' - E 33° 32', on plant, 3 specimens; Ankara-Çankırı road, 40 km to Çankırı, 29.06.2013, N 40° 22' - E 33° 31', on plant, 1 specimen; Çankırı-Eldivan road, 29.06.2013, N 40° 34' - E 33° 31', on plant, 7 specimens; Çankırı-Eldivan road, 5 km to Eldivan, 29.06.2013, N 40° 34' - E 33° 30', on plant, 5 specimens; Şabanözü-Orta road, Elmalık return, 29.06.2013, N 40° 37' - E 33° 9', 29°C, on plant, 1 specimen; Orta-Çerkeş road, 35 km to Çerkeş, 29.06.2013, N 40° 40' - E 33° 6', 31°C, on plant, 2 specimens.

TRIBE AGAPANTHIINI Mulsant, 1839: 172**GENUS AGAPANTHIA** Audinet-Serville, 1835: 35**SUBGENUS EPOPTES** Gistel, 1857: 93**SPECIES** *A. lateralis* Ganglbauer, 1884: 541

Material examined: Çankırı: Çankırı-Kızılırmak road, 05.05.2013, N 40° 26' - E 33° 42', 692 m, 36°C, on plant, 2 specimens; Çankırı-Kızılırmak road, 05.05.2013, N 40° 27' - E 33° 48', 639 m, 34°C, on plant, 3 specimens; Çankırı border, 11.05.2013, N 40° 19' - E 33° 30', 809 m, 21°C, 19 specimens; Çankırı road, Tuz stream bridge, 11.05.2013, N 40° 23' - E 33° 33', 725 m, 17°C, on plant, 9 specimens; exit of Akçavakıf, Çankırı-Kastamonu road, 11.05.2013, N 40° 41' - E 33° 33', 866 m, 20°C, on plant, 6 specimens; Buzluk pass env., 08.06.2013, N 40° 37' - E 33° 8', 1445 m, on flower, 1 specimen; Çankırı-Yapraklı road, 100 m to flour industry, 11 km to Yapraklı, 09.06.2013, N 40° 40' - E 33° 46', on flowers, 2 specimens; between Çankırı-Yapraklı, 9 km to Yapraklı, 09.06.2013, N 40° 42' - E 33° 48', on plant, 11 specimens; between Çankırı-Yapraklı, entry of Yapraklı, 09.06.2013, N 40° 42' - E 33° 50', on plant, 1 specimen; Çankırı-Eldivan road, 5 km to Eldivan, 09.06.2013, N 40° 33' - E 33° 35', on plant, 1 specimen; Çankırı-Eldivan road, entry of Aşağıyanlar vill., 09.06.2013, N 40° 33' - E 33° 32', on plant, 1 specimen; Çankırı-Ankara road, 12 km pass to Eldivan return, 60 km to Kalecik, 09.06.2013, N 40° 29' - E 33° 38', on plant, 1 specimen; Çankırı-Kızılırmak road, 30 km to Kızılırmak, 09.06.2013, N 40° 26' - E 33° 42', on plant, 1 specimen; Çankırı-Kızılırmak road, 18 km to Kızılırmak, 5 km to İskilip return, 09.06.2013, N 40° 27' - E 33° 48', on plant, 1 specimen; Çankırı-Eldivan road, 29.06.2013, N 40° 34' - E 33° 31', on plant, 9 specimens; Orta-Çerkeş road, 35 km to Çerkeş, 29.06.2013, N 40° 40' - E 33° 6', 31°C, on plant, 5 specimens.

SUBGENUS AGAPANTHIA Audinet-Serville, 1835: 35**SPECIES** *A. cardui* (Linnaeus, 1767: 632)

Material examined: Çankırı: Şabanözü-Orta road, 24 km to Orta, 08.06.2013, N 40° 28' - E 33° 16', 1300 m, on plant, 2 specimens; Çankırı-Yapraklı road, 100 m to flour industry, 11 km to Yapraklı, 09.06.2013, N 40° 40' - E 33° 46', on flowers, 9 specimens; between Çankırı-Yapraklı, 9 km to Yapraklı, 09.06.2013, N 40° 42' -

E 33° 48', on plant, 2 specimens; between Çankırı-Yapraklı, entry of Yapraklı, 09.06.2013, N 40° 42'- E 33° 50', on plant, 10 specimens; Çankırı-Eldivan road, entry of Aşağıyanlar vill., 09.06.2013, N 40° 33'- E 33° 32', on plant, 1 specimen; Çankırı-Kızılırmak road, 30 km to Kızılırmak, 09.06.2013, N 40° 26'- E 33° 42', on plant, 5 specimens; Çankırı-Eldivan road, 29.06.2013, N 40° 34'- E 33° 31', on plant, 1 specimen.

SPECIES *A. suturalis* (Fabricius, 1787: 149)

Material examined: Çankırı: Çankırı border, 11.05.2013, N 40° 19'- E 33° 30', 809 m, 21°C, on plant, 2 specimens; Çankırı road, Tuz stream bridge, 11.05.2013, N 40° 23'- E 33° 33', 725 m, 17°C, on plant, 6 specimens; Şabanözü-Orta road, 24 km to Orta, 08.06.2013, N 40° 28'- E 33° 16', 1300 m, on plant, 1 specimen; Bulduk pass env., 08.06.2013, N 40° 37'- E 33° 8', 1445 m, on flowers, 2 specimens; Çankırı-Yapraklı road, 100 m to flour industry, 11 km to Yapraklı, 09.06.2013, N 40° 40'- E 33° 46', on flowers, 15 specimens; between Çankırı-Yapraklı, 9 km to Yapraklı, 09.06.2013, N 40° 42'- E 33° 48', on plant, 3 specimens; between Çankırı-Yapraklı, entry of Yapraklı, 09.06.2013, N 40° 42'- E 33° 50', on plant, 23 specimens; Eldivan, wood store, 09.06.2013, N 40° 32'- E 33° 30', in bark of *Pinus*, 4 specimens; Çankırı-Ankara road, 12 km pass to Eldivan return, 60 km to Kalecik, 09.06.2013, N 40° 29'- E 33° 38', on plant, 1 specimen; Çankırı-Kızılırmak road, 18 km to Kızılırmak, 5 km to İskilip return, 09.06.2013, N 40° 27'- E 33° 48', on plant, 1 specimen.

Remarks: New to Çankırı province and thereby to North half of Turkey..

SUBGENUS *SMARAGDULA* Pesarini & Sabbadini, 2004: 128

SPECIES *A. violacea* (Fabricius, 1775: 187)

Material examined: Çankırı: Buzluk pass env., 08.06.2013, N 40° 37'- E 33° 8', 1445 m, on flowers, 4 specimens; Çerkeş, Göletler district, 08.06.2013, on plant, 1 specimen; Çankırı-Yapraklı road, 100 m to flour industry, 11 km to Yapraklı, 09.06.2013, N 40° 40'- E 33° 46', on flowers, 1 specimen.

Remarks: New to Çankırı province.

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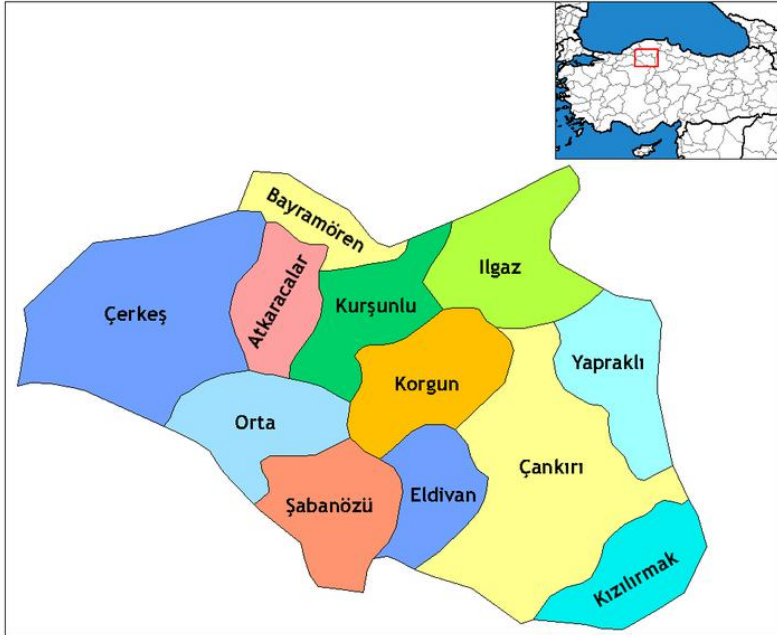
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Map 1. Çankırı province.