

**CONTRIBUTIONS OF THE LONGHORNED BEETLES  
KNOWLEDGE OF TURKEY BY THE SUBFAMILIES  
ASEMINAE, SAPHANINAE, SPONDYLIDINAE,  
CERAMBYCINAE AND STENOPTERINAE  
(COLEOPTERA: CERAMBYCIDAE)**

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**ABSTRACT:** The present work presents new contributions to the knowledge of the subfamilies Aseminae, Saphaninae, Spondylidinae, Stenopterinae and Cerambycinae that is one of the richest subfamilies in terms of diversity among cerambycids, of Turkey. The specimens for this study were collected over various years (2001-2012) from different localities in Adana, Balıkesir, Elazığ, Gaziantep, İçel, Kahramanmaraş, Malatya, Niğde and Osmaniye provinces in Turkey. As a result of the work, a total of 54 species (16 of them into subspecies level) belonging to 31 genera of 5 subfamilies were determined from Turkey. Four of them were described as new species and new subspecies from Turkey in 2012, 2013, 2014. One species of them is recorded for the first time from Turkey. Seven species for Mediterranean Region, three species for Eastern Mediterranean Region, five species for Central Anatolian Region, 1 species for Eastern Anatolian Region and five species for Southern half of Turkey are the first records. Moreover, a total of sixty species are the first record for various provinces (14 for Adana, 1 for Balıkesir, 1 for Elazığ, 2 for Gaziantep, 17 for İçel, 10 for Kahramanmaraş, 1 for Malatya, 11 for Niğde, 3 for Osmaniye) in Turkey. Furthermore, about 15% of the examined taxa in the present work comprise of endemic taxa for Turkey.

**KEY WORDS:** Coleoptera, Cerambycidae, new data, new records, Turkey.

According to Özdikmen (2012), Cerambycidae is divided into several subfamilies as Parandrinae, Prioninae, Lepturinae, Necydalinae, Aseminae, Saphaninae, Spondylidinae, Apatophyseinae, Cerambycinae, Stenopterinae, Dorcadioninae and Lamiinae. Parandrinae are not represented in Turkey. Also, a total of 6 subfamilies as Necydalinae, Aseminae, Saphaninae, Spondylidinae, Apatophyseinae and Stenopterinae are represented with only some taxa in Turkey. So, only 5 subfamilies as Prioninae, Lepturinae, Cerambycinae, Dorcadioninae and Lamiinae have the richest diversity for Turkey.

In accordance with the status, the aim of present work is contributed to the knowledge of the subfamilies Aseminae, Saphaninae, Spondylidinae, Cerambycinae and Stenopterinae on the base of Özdikmen (2007, 2008a,b, 2010, 2011, 2013).

### MATERIAL AND METHOD

The specimens for this study were collected by the third author over various years (2001-2012) from different localities in Eastern Mediterranean Region (Adana, İçel, Kahramanmaraş and Osmaniye provinces), Central Anatolian

Region (Niğde province), Marmara Region (Balıkesir province), South-Eastern Anatolian Region (Gaziantep province) and Eastern Anatolian Region (Elazığ and Malatya provinces) in Turkey and deposited in Entomology Department of Eastern Mediterranean Forestry Research Institute (İçel province, Turkey). All of the specimens were determined by the authors. 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.

## RESULTS AND DISCUSSION

### SUPERFAMILY CERAMBYCOIDEA Latreille, 1802

#### FAMILY CERAMBYCIDAE Latreille, 1802: 211

#### SUBFAMILY ASEMINEAE Thomson, 1861: 139

##### GENUS *ARHOPALUS* Audinet-Serville, 1834: 77

##### SPECIES *A. ferus* (Mulsant, 1839: 64)

**Material examined:** Adana: Feke, Süphandere, 07.VII.2009, 1 specimen; Feke, süphandere, 14.VII.2009, from wood of *Pinus brutia*, 1 specimen; İçel: Anamur, Abanos, 23.VI.2005, from wood of *Pinus brutia*, 1 specimen; Central, Toroslar, Kızılkaya village (Çamlyayla part), 16.VI.2009, from wood of *Pinus nigra*, 1 specimen; Central, Toroslar, Kızılkaya village, 16.VI.2009, *Pinus nigra*, 1 specimen; Niğde: Alihoca, 15.V.2004, 1 specimen; Osmaniye: Karatepe, 16.IX.2011, *Pinus halepensis*, 1 specimens.

**Remarks:** The species is the first record for İçel, Niğde and Osmaniye provinces.

##### SPECIES *A. rusticus* (Linnaeus, 1758: 395)

**Material examined:** Adana: Feke, Süphandere, 02.VII.2009 and 09.VII.2009, on *Pinus nigra*, 2 specimens; İçel: Çamlyayla, İledin top, 27.VI.2006, from wood of *Pinus nigra*, 1 specimen; Erdemli, Hacıalanı, pheromone traps, 30.VI.2011, 5 specimens, 14.VII.2011, 3 specimens, 11.VIII.2011, 1 specimen, 25.VIII.2011, 9 specimens, 28.VIII.2011, 16 specimens, 08.IX.2011, 5 specimens, 22.IX.2011, 45 specimens, 20.X.2011, 1 specimen; Osmaniye: Karatepe, Taurus, 27.VI.2006, pheromone trap, 1 specimen.

**Remarks:** The species is the first record for Adana and İçel provinces.

##### SPECIES *A. syriacus* (Reitter, 1895: 86)

**Material examined:** Adana: Feke, Süphandere, 14.VII.2009, from wood of *Pinus nigra*, 2 specimens; İçel: Gülnar, Büyükeceli, 28.VI.2003, from wood of *Pinus brutia*, 1 specimen; Anamur, Kızılçakaya village, 02.VI.2004, from wood of *Pinus brutia*, 1 specimen; Anamur, Abanoz road, 23.VI.2005, from wood of *Pinus brutia*, 1 specimen; Anamur, Sarıyayla, 26.VI.2005, from wood of *Pinus brutia*, 2 specimens; Mut, Alahan, 19.VI.2008, forest store (pheromone trap), 2 specimens; Central, Toroslar, Kızılkaya village, 16.VI.2009, from wood of *Pinus nigra*, 3 specimens; Tarsus, Ayvalı, 22.VI.2008, *Pinus nigra*, 1 specimen; Central, Toroslar, Kızılkaya village (Çamlyayla part), 16.VI.2009, from wood of *Pinus nigra*, 1 specimen; Çamlyayla, Buludan, 22.VII.2009, from wood of *Pinus nigra*, 1 specimen; Erdemli, Hacıalanı, 29.VII.2011, pheromone trap, 1 specimen; Central, Toroslar, Coçakdere, 04.VIII.2011, pheromone trap, 1 specimen; Erdemli, Hacıalanı, pheromone traps, 25.VIII.2011, 16 specimens, 08.IX.2001, 2 specimens, 22.IX.2011, 5 specimens.

##### GENUS *ASEMUM* Eschscholtz, 1830: 66

##### SPECIES *A. striatum* (Linnaeus, 1758: 396)

**Material examined:** İçel: 2002, 1 specimen; Çamlyayla, Pamukluk, 11.VI.2006, on *Pinus nigra*, 1 specimen; Erdemli, Hacıalanı, 27.V.2011, on *Pinus nigra*, 1 specimen.

**Remarks:** The species is the first record for İçel province and Mediterranean Region of Turkey and thereby also for South Turkey.

##### SPECIES *A. tenuicorne* Kraatz, 1879: 97

##### SUBSPECIES *A. t. claricostulatum* Özdikmen & Aytar, 2012: 1253

**Material examined:** İçel: Çamlyayla, Dikenlioluk, 17.VI.2009, on *Pinus nigra*, 1 specimen.

**Remarks:** The species is the first record for İçel province. The subspecies was described on the base of the specimen in the present text.

#### SUBFAMILY SAPHANINAE Gistel, 1848: [1]

##### GENUS *OXYPLEURUS* Mulsant, 1839: 57

##### SPECIES *O. nodieri* Mulsant, 1839: 57

**Material examined:** İçel: Çamlyayla, top of İledin, 18.V.2005, with net, 1 specimen.

**Remarks:** The species is the first record for İçel province and Eastern Mediterranean Region of Turkey.

#### SUBFAMILY SPONDYLIDINAE Audinet-Serville, 1832: 123

##### GENUS *SPONDYLIS* Fabricius, 1775: 159

##### SPECIES *S. buprestoides* (Linnaeus, 1758: 388)

**Material examined:** İçel: Central, Toroslar, Coçakdere, 27.VI.2006, on *Abies cilicica*, 1 specimen; Çamlyayla, İledin top, 10.VII.2006, on *Abies cilicica*, 1 specimen; Çamlyayla, Sadiye village, Gündoğan, 24.VI.2010, on *Abies cilicica*, 1 specimen; Erdemli, Hacıalanı, pheromone traps, 30.VI.2011, 49 specimens, 14.VII.2011, 35 specimens, 26.VII.2011, 6 specimens, 28.VII.2011, 85 specimens, 11.VIII.2011, 16 specimens, 25.VIII.2011, 19 specimens, 22.IX.2011, 1 specimen.

**Remarks:** The species is the first record for İçel province and Mediterranean Region and thereby South half of Turkey.

#### SUBFAMILY CERAMBYCINAE Latreille, 1802: 211

##### GENUS *ICOSIUM* Lucas, 1854: VIII

##### SPECIES *I. tomentosum* Lucas, 1854: IX

##### SUBSPECIES *I. t. atticum* Ganglbauer, 1882: 743

**Material examined:** İçel: Çamlyayla, Pamukluk, 11.VI.2006, on *Pinus brutia*, 1 specimen; Central, Toroslar, Aslanköy, 10.VI.2010, on *Pinus nigra*, 2 specimens.

**Remarks:** The species is the first record for İçel province and Eastern Mediterranean Region of Turkey.

##### GENUS *TRICHOFERUS* Wollaston, 1854: 427

##### SPECIES *T. griseus* (Fabricius, 1792: 325)

**Material examined:** Adana: Balcalı, 18.III.2010, 28.IV.2010 and 30.IV.2010, from wood of *Ficus carica*, 3 specimens; Karaisalı, 12.IV.2011, from wood of *Ficus carica*, 1 specimen; İçel: Tarsus, Gülek, 31.III.2005, on *Pinus brutia*, 1 specimen; Central, Akdeniz, Kızılbağ, 18.V.2005, on *Pinus brutia*, 1 specimen; Çamlyayla, İledin top, 18.V.2005, with net, 1 specimen; Aydınçık, 23.VI.2005, 1 specimen; Anamur, Sarıyayla, 23.VI.2005, 1 specimen; Silifke, 23.IX.2005, forest store, 1 specimen; Tarsus, Dörtler, 07.IV.2006, from wood of *Ficus carica* 1 specimen; Central, Akdeniz, Kızılbağ, 01.VIII.2006, 2 specimens; Silifke, Değirmendere, 25.IV.2009, 1 specimen; Central, Toroslar, Çelebili, 21.V.2009, with net, 1 specimen; Central, Toroslar, Kızılkaya, 16.VI.2009, 1 specimen; **Osmaniye:** Karatepe, 18.III.2012, from wood of *Ficus carica*, 1 specimen.

##### SPECIES *T. kotschyi* (Ganglbauer, 1883: 300)

**Material examined:** İçel: Central, Akdeniz, Kızılbağ, 16.VI.2009 and 01.VIII.2006, 2 specimens; Çamlyayla, Pınarlıbük (part of sebil), 15.VII.2008, on *Cerris siliquastrum*, 1 specimen; Erdemli, Hacıalanı, 30.VI.2009, on *Pinus brutia*, 1 specimen.

**Remarks:** The species is the first record for İçel province.

##### SPECIES *T. preissi* (Heyden, 1894: 85)

**Material examined:** Adana: Balcalı, 18.III.2010, from wood of *Ficus carica*, 2 specimens; İçel: Silifke, Forest store, 23.IX.2005, from root of *Ficus carica*, 1 specimen; Silifke, Efkaççiftliği village, 08.VII.2009, *Capparis sipinosa*, 1 specimen; Değirmençay, 18.VIII.2009, from wood of *Morus alba*, 2 specimens; Mut, Alahan, 01.VII.2010, from root of *Capparis sipinosa*, 1 specimen; Erdemli, Hacıalanı, 30.VI.2011, pheromone trap, 2 specimens; **Osmaniye:** Karatepe, 18.III.2012, from wood of *Ficus carica*, 1 specimen.

**Remarks:** The species is the first record for Osmaniye province.

##### GENUS *STROMATIUM* Audinet-Serville, 1834: 80

##### SPECIES *S. unicolor* (Olivier, 1795: 58)

**Material examined:** İçel: Tarsus, 06.IV.2002, from wood of furniture, 1 specimen; Tarsus, Karabucak, 20, 26 and 30.VI.2004, from wood of *Citrus aurantium*, 6 specimens; Tarsus, Yalamık, 09.VII.2007, from wood of *Flueggea anatolica*, 1 specimen.

##### GENUS *PHORACANTHA* Newman, 1840: 19

##### SPECIES *P. semipunctata* (Fabricius, 1775: 180)

**Material examined:** Adana: Akvatağan, 27.IV.2002, on *Eucalyptus camadulensis*, 1 specimen; İçel: Tarsus, Karabucak, 22.IV.2002, on *Eucalyptus camadulensis*, 3 specimens; İstasyon, 23.IV.2002, on *Eucalyptus camadulensis*, 1 specimen; Tarsus, Karabucak, 25.IV.2002, on *Eucalyptus grandis*, 1 specimen; Tarsus, Karabucak, 27.IV.2002, on *Eucalyptus camadulensis*, 1 specimen; Silifke, 05.V.2002, on *Eucalyptus camadulensis*, 1 specimen.

##### GENUS *CERAMBYX* Linnaeus, 1758: 388

##### SUBGENUS *CERAMBYX* Linnaeus, 1758: 388

##### SPECIES *C. carinatus* (Küster, 1845: 46)

**Material examined:** İçel: Gülnar, Kaynak, 28.VI.2006, from wood of *Quercu ithaburensis*, 1 specimen.

**Remarks:** The species is the first record for İçel province and Mediterranean Region of Turkey.

##### SPECIES *C. cerdo* Linnaeus, 1758: 392

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

**Material examined:** **İçel:** Gülnar, Daşdüştü, 20.VI.2006, from wood of *Quercu ithaburensis*, 2 specimens; **Niğde:** Alihoca, 07.VIII.2011, from wood of *Quercu ithaburensis*, 1 specimen.

**SPECIES *C. nodulosus* Germar, 1817: 220**

**Material examined:** **İçel:** Ayvalı-Tarsus, 22.VI.2008, 1 specimen; Mut, 24.IV.2006, from wood of *Prunus armeniaca*, 1 specimen.

**SPECIES *C. welensii* (Küster, 1845: 44)**

**Material examined:** **Adana:** Feke, Buğlayan, 29.VII.2008, with net, 1 specimen; **İçel:** Gülnar, Büyükeceli, 28.VI.2003, with net, 1 specimen; Güzne road, 29.V.2005, from wood of *Prunus dulcis*, 1 specimen; Central, Toroslar, 14.VI.2006, 1 specimen; Mut, 24.VI.2006, from wood of *Prunus armeniaca*, 3 specimens; Yenişehir, Eğriçam, 10.VI.2007, from wood of *Purunus persico*, 1 specimen; Tarsus, Ayvalı, 22.VI.2008, 2 specimens; Çamlyayla, 10.VII.2008, *Quercus sp.*, 2 specimens; **Kahramanmaraş:** Göksun, Çardak, 29.IV.2009, from wood of *Quercus cerris*, 1 specimen; **Niğde:** Alihoca, 07.VIII.2011, on *Quercu ithaburensis*, 2 specimens.

**Remarks:** The species is the first record for Adana and Niğde provinces.

**SUBGENUS *MICROCERAMBYX* Mikšić & Georgijević, 1973: 22**

**SPECIES *C. scopoli* Fuessly, 1775: 12**

**SUBSPECIES *C. s. nitidus* Pic, 1892: cxi**

**Material examined:** **Kahramanmaraş:** Andırın, Fındıklidere, 08.IV.2011, on *Fagus orientalis*, 2 specimens.

**Remarks:** The species is the first record for Kahramanmaraş province.

**GENUS *PURPURICENUS* Dejean, 1821: 105**

**SPECIES *P. budensis* (Götz, 1783: 70)**

**Material examined:** **Adana:** Pozanti, 09.VI.2008, on *Pistacia terebinthus*, 1 specimen; **İçel:** Anamur, Kızılçakaya village, 02.VI.2004, on *Quercus sp.*, 1 specimen; Bozyazı, 03.VI.2004, on *Pistacia terebinthus*, 2 specimens; Yeşilovaçık, 03.VI.2004, on *Carduus sp.*, 1 specimen; Aydınçık, 03.VI.2004, on *Carduus sp.*, 1 specimen; Tarsus, Eskişehir, 05.VI.2006, on *Carduus sp.*, 1 specimen; Tarsus, Eskişehir, 22.VI.2007, on *Quercus coccifera*, 1 specimen; Erdemli, 27.III.2008, on *Pistacia terebinthus*, 1 specimen; Erdemli, Coast, 27.III.2008, on *Pistacia lestiscus*, 1 specimen; Tarsus, Ayvalı, 22.VI.2009, on *Carduus sp.*, 2 specimens; Mezitli, Davultepe, 28.IV.2010, on *Carduus sp.*, 1 specimen; Mezitli, Pelitkoyacı village, 28.IV.2010, on *Carduus sp.*, 1 specimen; **Kahramanmaraş:** Göksun, Çardak, 20.VI.2009, on *Quercus cerris var. cerris*, 1 specimen; **Niğde:** Alihoca, 09.VI.2008, on *Salvia aucheri*, 1 specimen; Alihoca, 09.VI.2008, *Paliurus spina-christi*, 1 specimen; Çiftahan, 09.VI.2008, on *Pistacia terebinthus*, 1 specimen.

**SPECIES *P. dalmatinus* Sturm, 1843: 353**

**Material examined:** **Gaziantep:** Nurdağı, 30.VI.2009, *Quercus sp.*, 1 specimen; **İçel:** Anamur, Kızılçakaya, 02.VI.2004, *Quercus sp.*, 1 specimen; Mut, Erosion area, 29.IV.2009, *Quercus coccifera*, 1 specimen; **Kahramanmaraş:** Göksun, Çardak, 29.VI.2003, *Quercus cerris*, 3 specimens; Andırın, Akifiye, 05.IV.2011, *Quercus cerris*, 1 specimen.

**Remarks:** The species is the first record for Gaziantep province.

**SPECIES *P. interscapillatus* Plavilstshikov, 1937: 247**

**SUBSPECIES *P. i. interscapillatus* Plavilstshikov, 1937: 247**

**Material examined:** **Hatay:** İskenderun, 13.V.2010, on *Carduus sp.*, 2 specimens; Kırkhan, 13.V.2010, on *Carduus sp.*, 2 specimens; **İçel:** Anamur, Kızılçakaya, 02.VI.2004, on *Carduus sp.*, 1 specimen; Esenli, 03.VI.2004, on *Carduus sp.*, 1 specimen; Aydınçık, 03.VI.2004, on *Carduus sp.*, 1 specimen; Yeşilovaçık, 03.VI.2004, on *Carduus sp.*, 1 specimen; Tarsus, Eskişehir, 05.VI.2006, on *Carduus sp.*, 1 specimen; Erdemli, Limonlu, 26.VI.2006, on *Carduus sp.*, 1 specimen; Silifke, Susanoğlu, 26.VI.2006, on *Pistacia terebinthus*, 1 specimen; Erdemli, Coast, 27.III.2008, on *Pistacia lestiscus*, 1 specimen; Erdemli, Karahıdırlı, 16.IV.2008, on *Pistacia terebinthus*, 2 specimens; Tarsus, Ayvalı, 22.VI.2009, on *Carduus sp.*, 1 specimen; Güzne, 28.IV.2010, on *Carduus sp.*, 1 specimen; **Kahramanmaraş:** Göksun, Çardak, 20.VI.2009, on *Quercus cerris var. cerris*, 1 specimen.

**Remarks:** The species is the first record for Kahramanmaraş province.

**SPECIES *P. nigronotatus* Pic, 1907: 169**

**Material examined:** **İçel:** Çamlyayla, Pamukluk, 29.IV.2008, on *Quercus cerris*, 1 specimen; **Kahramanmaraş:** Göksun, Çardak, 29.VI.2009, on *Quercus cerris*, 1 specimen.

**Remarks:** The species is the first record for Kahramanmaraş province.

**SPECIES *P. nudicollis* Demelt, 1968: 65**

**Material examined:** **Adana:** Karaisalı, 10.VIII.2010, *Carduus sp.*, 1 specimen; **Gaziantep:** Nurdağı, 30.VI.2009, *Quercus sp.*, 1 specimen; **İçel:** Erdemli, Limonlu, 26.VI.2006, on *Carduus sp.*, 1 specimen; Silifke, Susanoğlu, 26.VI.2006, on *Pistacia terebinthus*, 1 specimen; Tarsus, Naçarlı, 29.IV.2010, on *Carduus sp.*, 1 specimen; **Kahramanmaraş:** Göksun, Çardak, 29.VI.2009, on *Quercus cerris*, 1 specimen.

**Remarks:** The species is the first record for Adana, Gaziantep, İçel and Kahramanmaraş provinces.

**GENUS *CALCHAENESTHES* Kraatz, 1863: 97**

**SPECIES *C. primis* Özdikmen, 2013: 150**

**Material examined:** **İçel:** Mut, Erosion area, 05.IV.2006, *Quercus coccifera*, 2 specimens.

**Remarks:** The species was described on the base of the specimen in the present text.

**GENUS AROMIA Audinet-Serville, 1834: 559**

**SPECIES A. ambrosiaca (Steven, 1809: 40)**

**Material examined:** **İçel:** Tarsus, Karabucak, 25-27.IV.2002 and 22.VI.2002, on *Salix* sp., 3 specimens; Erdemli, Karahıdırlı, 28.VII.2002, on *Salix* sp., 1 specimen; Central, Toroslar, Aslanköy, 21.IV.2010 and 26.VI.2011, from wood of *Populus* sp., 2 specimens; **Niğde:** Alihoca, 07.VIII.2011, on *Salix* sp., 2 specimens.

**Remarks:** The species is the first record for Niğde province.

**GENUS ANATOLOBRIUM Adlbauer, 2004: 419**

**SPECIES A. eggeri Adlbauer, 2004: 421**

**Material examined:** **İçel:** Erdemli, Sorgun road, 30.V.2006, *Quercus* sp., 2 specimens.

**GENUS CERTALLUM Dejean, 1821: 111**

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

**Material examined:** **Adana:** Karaisalı, 10.VIII.2010, with net, 1 specimen; **İçel:** Erdemli- Sorgun road, 30.IV.2003, with net, 1 specimen; Central, Toroslar, Ayvagediği, 05.V.2005, with net, 1 specimen.

**GENUS DELAGRANGEUS Pic, 1892: XCIII**

**SUBGENUS DELAGRANGEUS Pic, 1892: XCIII**

**SPECIES D. angustissimus Pic, 1892: XCIII**

**SUBSPECIES D. a. angustissimus Pic, 1892: XCIII**

**Material examined:** **İçel:** Erdemli, Sorgun road, 30.VI.2006, on *Quercus* sp., 1 specimen.

**GENUS DELIUS Audinet-Serville, 1834: 73**

**SPECIES D. rugosicollis Rapuzzi & Sama, 2012: 668**

**SUBSPECIES D. r. rugosicollis Rapuzzi & Sama, 2012: 668**

**Material examined:** **Adana:** Karaisalı, 10.VIII.2010, *Spartium junceum*, 1 specimen; **İçel:** Central, Toroslar, Çelebili, 21.V.2009, *Spartium junceum*, 1 specimen; Tarsus, Çamalan, 25.V.2009, wood of *Spartium junceum*, 1 specimen.

**Remarks:** The species is the first record for Adana and İçel provinces.

**GENUS STENHOMALUS White, 1855: 243**

**SUBGENUS OBRIOPSIS Müller, 1948: 65**

**SPECIES S. bicolor (Kraatz, 1862: 126)**

**Material examined:** **İçel:** Çamlyayla, 31.X.2007, *Euonymus europaeus*, 12 specimens; Çamlyayla, 20.IV.2008, *Juglans regia*, 3 specimens.

**GENUS HYLOTRUPES Audinet-Serville, 1834: 77**

**SPECIES H. bajulus (Linnaeus, 1758: 396)**

**Material examined:** **Adana:** Feke, 11.VII.2003, *Pinus nigra*, 2 specimens; Central, 19.VI.2009, *Populus* sp., 1 specimen; Karaisalı, 10.VIII.2010, from wood of *Pinus brutia*, 1 specimen; **İçel:** Çamlyayla, İledin top, 11.III.2006, *Pinus nigra*, 1 specimen; Mut, Alahan, 2009, pheromone trap, 1 specimen; Mezitli, Fındıkpınarı, 19.VI.2009, *Pinus nigra*, 1 specimen; Central, Toroslar, Coçakdere, 23.VII.2011, *Pinus nigra*, 1 specimen; **Osmaniye:** Karatepe, Taurus, 04.VIII.2008, *Pinus nigra*, 1 specimen.

**GENUS ROPALOPUS Mulsant, 1839: 40**

**SUBGENUS ROPALOPUS Mulsant, 1839: 40**

**SPECIES R. clavipes (Fabricius, 1775: 188)**

**Material examined:** **İçel:** Bozyazı, Kozağacı, 08.XI.2007-16.VI.2008, from wood of *Cedrus libani*, 12 specimens; Anamur, Abanos, 10.VI.2008, from wood of *Cedrus libani*, 1 specimen; Anamur, Abanos, 16.VI.2008, from wood of *Cedrus libani*, 2 specimens; Bozyazı, Kozağacı, 23.VI.2008, from wood of *Cedrus libani*, 2 specimens.

**Remarks:** The species is the first record for İçel province.

**GENUS SEMANOTUS Mulsant, 1839: 54**

**SPECIES S. russicus (Fabricius, 1777: 232)**

**SUBSPECIES S. r. russicus (Fabricius, 1777: 232)**

**Material examined:** **Adana:** Feke, Süphandere, 25.VI.2009, from wood of *Juniperus excelsa*, 1 specimen; **İçel:** Central, 27.V.2005, from wood of *Cupressus sempervirens*, 1 specimen; Central, 30.V.2005, from wood of *Cupressus arizonica*, 1 specimen; Tarsus, Karboğazi, 09.IV.2007, from wood of *Juniperus excelsa*, 2 specimens; Akdeniz, Karailyas, 24.IV.2007, from wood of *Cupressus sempervirens*, 2 specimens; **Niğde:** Çiftelhan, 09.VI.2008, with net, 1 specimen.

**Remarks:** The species is the first record for Adana, İçel and Niğde provinces and Eastern Mediterranean Region and Central Anatolian Region of Turkey.

**GENUS CALLIDIUM Fabricius, 1775: 187**

**SUBGENUS CALLIDIUM Fabricius, 1775: 187**

**SPECIES C. syriacum Pic, 1892: CXI**

**Material examined:** **İçel:** Çamlyayla, Cehennemdere, collected in 20.X.2008 and emerged in 04-09.IV.2009, from wood of *Cedrus libani*, 62 specimens; Erdemli, Taurus, collected in 15.XI.2004 and

emerged in 10 and 21.IV.2005, from wood of *Cerodus libani*, 6 specimens.

**SUBGENUS CALLIDOSTOLA Reitter, 1913: 37**

**SPECIES *C. aeneum* (DeGeer, 1775: 89)**

**SUBSPECIES *C. a. pilosicollis* Özdikmen & Aytar, 2014: 599**

**Material examined:** **İçel:** Central. 2003, 2 specimens.

**Remarks:** The species is the first record for İçel province and Mediterranean Region of Turkey and thereby also for south Turkey. The subspecies was described on the base of the specimens in the present text.

**GENUS PHYMATODES Mulsant, 1839: 47**

**SUBGENUS PHYMATODES Mulsant, 1839: 47**

**SPECIES *P. testaceus* (Linnaeus, 1758: 396)**

**Material examined:** **İçel:** Central. 2003, 1 specimen; Erdemli, Sorgun road, 30.V.2006, on *Quercus* sp., 1 specimen; Gülnar, Köseçobanlı, 20.VI.2006, from wood of *Quercus ithaburensis*, 2 specimens; Çamliayla, Pamukluk, 25.IV.2007-14.V.2007, from wood of *Quercus cerris* and *Quercus infectoria*, 4 specimens; Çamliayla, Pamukluk, 14.IV.2008, from wood of *Quercus cerris*, 3 specimens; Mezitli, Sarılar, 14.IV.2009, from wood of *Quercus cerris*, 8 specimens; **Kahramanmaraş:** Andırın, 08.IV.2011, from wood of *Quercus cerris*, 3 specimens; **Niğde:** Alihoca, 12.VI.2010, with net, 1 specimen.

**Remarks:** The species is the first record for Kahramanmaraş province.

**SUBGENUS PHYMATODERUS Reitter, 1913: 39 nec Dejean, 1837**

**SPECIES *P. lividus* (Rossi, 1794: 98)**

**Material examined:** **Adana:** Central, 07.VII.2005, wood of furniture, 2 specimens; **İçel:** Gülnar, Büyükeceli, 28.VI.2003, with net, 1 specimen.

**Remarks:** The species is the first record for Adana province.

**SUBGENUS PARAPHYMATODES (Plavilstshikov, 1934: 215)**

**SPECIES *P. fasciatus* (Villers, 1789: 257)**

**Material examined:** **Adana:** Pozanti, 03.VI.2008, with net, 1 specimen; **İçel:** Tarsus, Melemez, 15.V.2007, *Vitis vinifera*, 1 specimen; Silifke, Değirmendere, 30.IV.2009, *Vitis vinifera*, 2 specimens; **Niğde:** Alihoca, 27.IV.2007, from wood of *Vitis vinifera*, 1 specimen; Alihoca, 01 and 21.V.2007, from wood of *Vitis vinifera*, 1 specimen; Çiftehane, 09.VI.2008, with net, 1 specimen.

**Remarks:** The species is the first record for Adana, İçel and Niğde provinces and Mediterranean Region and Central Anatolian Region of Turkey, and thereby also for Turkey with exact localities. The present specimens were published by Özdikmen et al. (2014) as a new record for Turkey.

**GENUS PLAGIONOTUS Mulsant, 1842: 1**

**SUBGENUS ECHINOCERUS Mulsant, 1862: 143**

**SPECIES *P. floralis* (Pallas, 1773: 724)**

**Material examined:** **Adana:** Karaisalı, 10.VIII.2010, on flower, 1 specimen; **İçel:** Aydınçık, 23.VI.2005, on flower, 1 specimen; Çamliayla, Pamukluk, 29.IV.2008, on flower, 1 specimen; Çamliayla, Fakılar, 18.VIII.2009, on flower, 1 specimen; Gülnar, Gezende, 13.VII.2011, on flower, 1 specimen; Erdemli, Karahıdırlı, 28.VII.2011, on flower, 1 specimen; **Kahramanmaraş:** Andırın, Akifiye, 27.VII.2010, with net, 1 specimen; **Niğde:** Alihoca, 24.VI.2009, on flower, 1 specimen; Alihoca, 07.VIII.2011, on flower, 1 specimen; **Osmaniye:** Karatepe, 27.VII.2011, on flower, 1 specimen.

**GENUS ISOTOMUS Mulsant, 1862: 143**

**SPECIES *I. comptus* (Mannerheim, 1825: 36)**

**SUBSPECIES *I. c. meridionalis* Özdikmen & Aytar, 2012: 691**

**Material examined:** **Osmaniye:** Karatepe, Gündoğan, 08.VII.2010, pheromone trap, 1 male specimen; Karatepe, Taurus, 22.VII.2010, on *Abies cilicica*, 1 female specimen.

**Remarks:** The species is the first record for Osmaniye province and Mediterranean Region of Turkey and thereby also for south Turkey. The subspecies was described on the base of the specimens in the present text.

**GENUS CHLOROPHORUS Chevrolat, 186: 290**

**SUBGENUS CHLOROPHORUS Chevrolat, 1863: 290**

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

**SUBSPECIES *C. v. damascenus* (Chevrolat, 1854: 483)**

**Material examined:** **Adana:** Karaisalı, 10.VIII.2010, on flower, 1 specimen; **İçel:** Çamliayla, Fakılar, 18.VIII.2003, on *Rubus caesius*, 1 specimen; Çamliayla, 19.VIII.2003, on *Rubus* sp., 2 specimens; Tarsus, Karabucak, 02.VI.2004, with net, 1 specimen; Tarsus, Çamalan, 09.VIII.2005, with net, 1 specimen; Silifke, forest store, 20.VI.2006, on *Ficus carica*, 1 specimen; Mut, Central, 20.VI.2006, with net, 1 specimen; Tarsus, Dörtler, 14.V.2007, from wood of *Ficus carica*, 1 specimen; Gülnar, Gezende, 13.VII.2011, on flower, 1 specimen; **Kahramanmaraş:** Andırın, 27.VII.2010, with net, 1 specimen; **Niğde:** Alihoca, 06.VI.2003, on flower, 1 specimen; Alihoca, 07.VIII.2011, on flower, 1 specimen; **Osmaniye:** Karatepe, 27.VII.2011, with net, 1 specimen.

**SUBGENUS PERDEROMACULATUS Özdikmen, 2011: 537**

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

**Material examined:** Adana: Pozanti, 09.VI.2008, with net, 1 specimen; Karaisalı, 10.VIII.2010, on flower, 1 specimen; İçel: Bozyazı, Kozçağacı, 23.VI.2005, with net, 1 specimen; Aydınçık, 23.VI.2005, on flower, 2 specimens; Çamlyayla, Pamukluk, 05.VI.2006, on flower, 2 specimens; Çamlyayla, Pamukluk, 06.VI.2006, on flower, 1 specimen; Erdemli, Karahıdırlı, 26.VI.2006, on flower, 1 specimen; Erdemli, Karahıdırlı, 18.VI.2009, on flower, 1 specimen; Silifke, Değirmendere, 25.IV.2009, from wood of *Morus alba*, 2 specimens; Kahramanmaraş: Andırın, Akifiye, 27.VII.2010, with net, 3 specimens; Niğde: Alihoca, 09.VI.2008, with net, 1 specimen.

**Remarks:** The species is the first record for Adana and Niğde provinces.

**SUBGENUS HUMEROMACULATUS Özdikmen, 2011: 537**

**SPECIES C. nivipictus (Kraatz, 1879: 91)**

**Material examined:** İçel: Çamlyayla, Pamukluk, 05.VI.2006, on flower, 1 specimen; Erdemli, Karahıdırlı, 26.VI.2006, on flower, 4 specimens; Aydınçık, 27.VI.2006, on flower, 1 specimen; Anamur, Abanoz road, 27.VI.2006, *Quercus cerris*, 1 specimen; Kahramanmaraş: Andırın, Akifiye, 27.VII.2010, with net, 1 specimen; Niğde: Alihoca, 09.VI.2008, with net, 1 specimen.

**Remarks:** The species is the first record for Kahramanmaraş province.

**GENUS XYLOTRECHUS Chevrolat, 1860: 456**

**SUBGENUS XYLOTRECHUS (Chevrolat, 1860: 456)**

**SPECIES X. antilope (Schoenherr, 1817: 465)**

**SUBSPECIES X. a. antilope (Schoenherr, 1817: 465)**

**Material examined:** Adana: Feke, Buğlayan, 25.VII.2008, with net, 1 specimen; İçel: Erdemli, Hacıalanı, 30.VI.2011, pheromone trap, 1 specimen.

**Remarks:** The species is the first record for Adana and İçel provinces and Mediterranean Region of Turkey and thereby also for south Turkey.

**SUBGENUS TURANOCLYTUS Sama, 1994: hevrolat, 1860: 456**

**SPECIES T. sieversi (Ganglbauer, 1890)**

**Material examined:** Adana: Saimbeyli, 19.VI.2009, from wood of *Astragalus* sp., 1 specimen; Elazığ: Central, Sakabaşı (Picirik) village, 29.III.2012, from wood of *Astragalus* sp., 1 specimen; İçel: Erdemli, Sorgun, 05-08.V.2005, from wood of *Astragalus* sp., 4 specimens; Silifke, 20.VII.2011, from wood of *Astragalus* sp., 1 specimen; Kahramanmaraş: Göksun, Çardak, 12.V.2010, from wood of *Astragalus* sp., 1 specimen; Niğde: Alihoca, 20 and 29.V.2008, from wood of *Astragalus* sp., 1 specimen; Ulukışla, Çiftköy, 08.VI.2008, from wood of *Astragalus* sp., 1 specimen; Malatya: Pötürge, Kubbe pass, 13.IV.2011, from wood of *Astragalus* sp., 1 specimen.

**Remarks:** The species is the first record for Adana, Elazığ, İçel, Kahramanmaraş, Niğde and Malatya provinces, and thereby also Central Anatolian Region and Eastern Anatolian Region of Turkey.

**GENUS CLYTUS Laicharting, 1784: 88**

**SPECIES C. ciliciensis (Chevrolat, 1863: 334)**

**Material examined:** İçel: Mezitli, Davultepe, V.2006, with net, 1 specimen; Çamlyayla, Central, 10.VI.2006, on flower, 1 specimen.

**SPECIES C. rhamnii Germar, 1817: 223**

**SUBSPECIES C. r. temesiensis (Germar, 1824: 519)**

**Material examined:** Adana: Pozanti, 09.VI.2008, with net, 1 specimen; Karaisalı, 10.VIII.2010, on flower, 1 specimen; Balıkesir: Kazdağı, 09.VI.2011, on *Cistus creticus*, 1 specimen; İçel: Erdemli, Karahıdırlı, 26.VI.2006, on flower, 1 specimen; Mut, Alahan, 19.VI.2008, on flower, 1 specimen; Çamlyayla, Fakılar, 18.VIII.2009, on flower, 1 specimen; Erdemli, Hacıalan road, 18.VI.2009, on flower, 1 specimen; Kahramanmaraş: Andırın, Akifiye, 27.VII.2010, with net, 2 specimens; Niğde: Alihoca, 29.VI.2009, with net, 1 specimen; Osmaniye: Karatepe, Taurus, 27.VII.2011, on flower, 1 specimen.

**Remarks:** The species is the first record for Balıkesir and Niğde provinces.

**SPECIES C. taurusiensis (Pic, 1903: 139)**

**Material examined:** İçel: Çamlyayla, Central, 05.VI.2006, 1 specimen; Silifke, Değirmendere, 25.IV.2009, from wood of *Morus alba*, 2 specimens; Silifke, Değirmendere, 30.IV.2009, from wood of *Morus alba*, 1 specimen; Silifke, Değirmendere, 05.V.2009, from wood of *Morus alba*, 1 specimen; Gülnar, Gezende, 13.VII.2011, on flower, 1 specimen; Kahramanmaraş: Göksun, Değirmendere, 25.IV.2009, *Vitis vinifera*, 1 specimen.

**Remarks:** The species is the first record for Kahramanmaraş province.

**SUBFAMILY STENOPTERINAE Gistel, 1848: [9] (unnumbered section)**

**GENUS STENOPTERUS Illiger, 1804: 120**

**SPECIES S. rufus (Linnaeus, 1767: 642)**

**SUBSPECIES S. r. syriacus Pic, 1892: 22**

**Material examined:** Adana: Feke, Buğlayan, 25.VI.2009, on flower, 1 specimen; Feke, Süphandere, 02.VII.2009, on flower, 1 specimen; İçel: Mut, Dandi, 07.VI.2003, with net, 1 specimen; Anamur, Saryayla, 26.VI.2005, 1 specimen; Erdemli, Karahıdırlı, 16.VI.2008, 1 specimen; Kızılkaya (Çamlyayla part), 16.VI.2009, 1 specimen; Central, Toroslar, Kızılbağ, 16.VI.2009, on flower, 1 specimen; Niğde: Alihoca, 07.VI.2009, on flower, 1 specimen.

**Remarks:** The species is the first record for Adana province.

**GENUS MOLORCHUS Fabricius, 1792: 356****SUBGENUS CAENOPTERA Thomson, 1859: 150****SPECIES *M. juglandis* Sama, 1982: 219**

**Material examined:** Adana: Karaisalı, 17.III.2011-23.IV.2011, *Juglans regia*, 4 specimens; İçel: Mut, Kozlar, 07.V.2006, *Juglans regia*, 3 specimens; Çamliya, 20.IV.2008, *Juglans regia*, 1 specimen; Çamliya, 30.X.2008, *Cornus sanguinea*, 1 specimen; Kahramanmaraş: Andırın, 25.III.2011-07.V.2011, *Juglans regia*, 4 specimens; Niğde: Çiftehane, 15-29.IV.2009, *Juglans regia*, 3 specimens.

**Remarks:** The species is the first record for Adana and Kahramanmaraş provinces.

**SUBGENUS MOLORCHUS Fabricius, 1792: 356****SPECIES *M. kiesewetteri* Mulsant & Rey, 1861: 189****SUBSPECIES *M. k. hircus* Abeille de Perrin, 1881: 133**

**Material examined:** İçel: Tarsus, Ekişehir, 22.VI.2007, 3 specimens; Çamliya, Pınarlıbük, Erguvan, 30.X.2007-10.IV.2008, 4 specimens; Niğde: Alihoca, 05.VIII.2007, from wood of *Juglans regia*, 10 specimens.

**Remarks:** The species is the first record for Niğde province.

**GENUS NATHRIUS Brèthes, 1916:****SPECIES *N. brevipennis* (Mulsant, 1839: 105)**

**Material examined:** Adana: Karaisalı, 17.III.2011, *Juglans regia*, 4 specimens; İçel: Mut, Kozlar, 07.V.2006, *Juglans regia*, 1 specimen; Tarsus, Meşelik district, 17.IV.2008, *Ceratonia* sp., 1 specimen; Çamliya, 04.V.2008, *Juglans regia*, 2 specimens; Kahramanmaraş: Andırın, 25.III.2011 and 07.V.2011, 2 specimens; Niğde: Çiftehane, 15-29.IV.2009, *Juglans regia*, 3 specimens; Alihoca, 25.V.2008 and 01.V.2009, *Juglans regia*, 18 specimens.

**Remarks:** The species is the first record for Adana, Kahramanmaraş and Niğde provinces and thereby Central Anatolian Region of Turkey.

**GENUS CALLIMUS Mulsant, 1846: [5]****SUBGENUS CALLIMUS Mulsant, 1846: [5]****SPECIES *C. angulatus* (Schränk, 1789 77)****SUBSPECIES *C. a. angulatus* (Schränk, 1789 77)**

**Material examined:** Adana: Feke, Buğlayan, 25.VI.2009, on flower, 2 specimens; İçel: Mut, Dandi, 07.VI.2003, with net, 1 specimen; Gülnar, Daşdüştü, 24.V.2006, on *Quercus* sp., 2 specimens; Erdemli, Sargunlu, 30.V.2006, on *Quercus* sp., 1 specimen; Erdemli, Karahıdırlı, 16.VI.2008, on flower, 2 specimens; Çamliya, Karakoyak, 16.VI.2009, on flower, 1 specimen; Çamliya, Kızılkaya, 16.VI.2009, on flower, 1 specimen; Niğde: Alihoca, 07.VI.2009, 1 specimen.

**Remarks:** The species is the first record for Adana and Niğde provinces and thereby Central Anatolian Region of Turkey.

**SUBGENUS LAMPROPTERUS Mulsant, 1862: 214****SPECIES *C. femoratus* (Germar, 1824: 519)**

**Material examined:** Adana: Feke, Buğlayan, 25.VI.2009 and 02.VII.2009, on flower, 4 specimens; Feke, Süphandere, 02.VII.2009, on flower, 3 specimens; Karaisalı, 10.VIII.2010, with net, 1 specimen; İçel: Mut, Dandi, 07.VI.2003, with net, 1 specimen; Anamur, Sarıya, 26.VI.2005, on flower, 2 specimens; Çamliya, Pamukluk, 14.V.2007 and 10.IV.2008-09.V.2008, from wood of *Quercus cerris* and *Quercus infectoria*, 45 specimens; Central, Akdeniz, Kızılbağ, 16.VI.2009, on flower, 2 specimens; Kahramanmaraş: Andırın, Akifiye, 24.IV.2011, *Quercus cerris*, 5 specimens; Niğde: Alihoca, 07.VI.2009, on flower, 1 specimen.

Consequently, a total of eight taxa among the examined fifty-eight taxa are endemic to Turkey as *Aseum tenuicorne claricostulatum*, *Trichoferus preissi*, *Cerambyx scopolii nitidus*, *Purpuricenus nigronotatus*, *Anatolobrium eggeri*, *Delagrangeus angustissimus angustissimus*, *Callidium aeneum pilosicollis* and *Isotomus comptus meridionalis*. Namely, about 15% of the examined taxa in the present work comprise of endemic taxa.

A total of sixty species are the first records for different provinces in Turkey to the present work.

Also only one species is the first record for Turkey as *Phymatodes fasciatus* (Villers, 1789).

Finally, a total of four species group taxa, the species *Calchaenesthes primis* and the subspecies *Aseum tenuicorne claricostulatum*, *Callidium aeneum pilosicollis* and *Isotomus comptus meridionalis* were described on the base of the specimens in the present work.

Note: This work is based on the Master Thesis of the first author.



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