Munis Entomology & Zoology
https://www.munisentzool.org/
ISSN 1306-3022

© MRG

PINACEAE TAXA (PINOPSIDA: PINALES) ASSOCIATED WITH LONGICORN BEETLE TAXA (COLEOPTERA: CERAMBYCIDAE) OF TURKEY

| Hüseyin Özdikmen* |

* Department of Biology, Faculty of Science, Gazi University, 06500 Ankara, TURKEY. Email: ozdikmen@gazi.edu.tr, ORCID ID: 0000-0001-9568-0093

[Özdikmen, H. 2023. Pinaceae taxa (Pinopsida: Pinales) associated with longicorn beetle taxa (Coleoptera: Cerambycidae) of Turkey. Munis Entomology & Zoology, 18 (2): 859-897**]**

ABSTRACT: The paper presents Pinaceae taxa (Pinales) associated with longicorn beetle taxa of Turkey for the first time. As a result, the members of Pinaceae family and therefore Pinales order are preferred by a total of 109 species or species-group taxa of longicorn beetles of Turkey.

KEY WORDS: Cerambycidae, Pinaceae, Pinales, Turkey

The Pinophyta or Pinophytina, also known as Coniferophyta or Coniferae, or commonly as conifers, are a division or subdivision of vascular land plants containing a single extant class, Pinopsida. They are cone-bearing seed plants, a subset of gymnosperms. All extant conifers are perennial woody plants with secondary growth. Subclass Pinidae comprises of three orders chiefly: Pinales, Cupressales and Araucariales. Almost all extant conifers are in the orders Pinales, Cupressales (Campbell & Reece, 2005; Güner et al., 2018; Resimli Türkiye Florası Elektronik Versiyonu, 2020). According to Güner et al. (2018) and Resimli Türkiye Florası Elektronik Versiyonu (2020), the order Pinales and therefore Pinaceae family includes fourteen species of six genera which are distributed more or less in all regions of Turkey.

PINACEAE

• Larch (*Larix* with two species as *Larix decidua* Mill., 1768 and *Larix kaempferi* (Lamb.) Carriere, 1856)

• Fir (*Abies* with two species as *Abies cilicica* (Antoine & Kotschy) Carrière, 1855 and *Abies nordmanniana* (Steven) Spach, 1841 that is represented by two subspecies as *Abies nordmanniana* (Steven) Spach ssp. *nordmanniana* (Steven) Spach, 1841 and *Abies nordmanniana* (Steven) Spach ssp. *equi-trojani* (Asch. & Sint. ex Boiss.) Coode & Cullen, 1965)

• Douglas-fir (*Pseudotsuga* with one species as *Pseudotsuga menziesii* (Mirb.) Franco, 1950, and its two varieties as *Pseudotsuga menziesii* var. *menziesii* (Mirb.) Franco and *Pseudotsuga menziesii* var. *glauca* (Beissn.) Franco, 1950)

• Cedar (*Cedrus* with one species as *Cedrus libani* A.Rich., 1823, and its nominative variety as *Cedrus libani* A.Rich. var. *libani* A.Rich., 1823)

• Spruce (*Picea* with one species as *Picea orientalis* (L.) Peterm., 1845)

Munis Entomology & Zoology
https://www.munisentzool.org/
ISSN 1306-3022

Mun. Ent. Zool. 18 (2)
(June, 2023)
© MRG

• Pine (*Pinus* with seven species as *Pinus sylvestris* L.,1753 that has two varieties as *Pinus sylvestris* L. var. *elicinii* Kandemir & Mataracı, 2018 and *Pinus sylvestris* L. var. *hamata* Steven, 1838; *Pinus nigra* J.F.Arnold, 1785 that is represented only by the subspecies *Pinus nigra* J.F.Arnold ssp. *pallasiana* (Lamb.) Holmboe, 1914 with three varieties as *Pinus nigra* ssp. *pallasiana* var. *pallasiana* (Lamb.) Holmboe, 1914, *Pinus nigra* ssp. *pallasiana* var. *fastigiata* Businský, 2008 and *Pinus nigra* ssp. *pallasiana* var. *yaltirikiana* Alptekin, 1987; *Pinus pinaster* Aiton, 1789; *Pinus brutia* Ten., 1815 that is represented by three varieties as *Pinus brutia* var. *brutia* Ten., 1815, *Pinus brutia* Ten. var. *eldarica* (Medw.) Silba, 1985 and *Pinus brutia* Ten. var. *pendulifolia* Frankis, 1993; *Pinus halepensis* Mill., 1768; *Pinus pinea* L., 1753 and *Pinus radiata* D.Don, 1837.

According to data from the year 2015 (OGM, 2015), forest area in Turkey is 22,342,935 hectares, this figure includes 28.6% of the country. There are approximately 150 species of trees in the forests. The members (fourteen species of six genera) of Pinales order and therefore Pinaceae family comprises of approximately 60% of the total forest area in Turkey. As the distribution area in forests of Turkey, Red Pine (*Pinus brutia*) with 5.610.215 hectares is the most common, after that in the order of areal size Black Pine (*Pinus nigra*) with 4.244.921 hectares, Scotch Pine (*Pinus sylvestris*) with 1.518.929 hectares, Fir (*Abies* spp.) with 584.781 hectares, Cedar (*Cedrus libani*) with 482.391 hectares, Spruce (*Picea orientalis*) with 322.857 hectares, Pistachio Pine (*Pinus pinea*) with 161.971 hectares and the other species of Pinaceae family.

In this work, longicorn beetle species-group taxa known from Turkey associated with the members of Pinaceae family (Pinales order) in Turkey and the other countries worldwide are presented. Each different species-group taxon is presented under the scientific name of the plant species based on available references and personal data. In the text, plant taxa distributed in Turkey are shown underlined in order to distinguish them from others. According to Özdikmen (2021a) and Danilevsky (2022) chiefly, the range in the World of each different species-group taxon of longicorn beetles in Turkey is also given under the scientific name with the abbreviations of countries and regions in the list at the end. Mainly Svacha & Danilevsky (1987, 1988, 1989), Cherepanov (1990a,b,c,d; 1991a,b), Bense (1995), Özdikmen (2013a,b, 2021b,c,d, 2022a,b), Hoskovec et al. (2022), Tavakilian (2022) and also Cerambycidae database of the author were used to determine of the host plants of each species-group taxon.

The species-group taxa from Turkey, of which larval developments are directly in the members of Pinaceae (Pinales), only are given below. It should not be forgotten that adults of species other than those given in the members of Pinaceae (Pinales) may also be encountered. These species are not actually Pinales forest species, but guest species. Therefore, these species are not mentioned in the present work.

RESULTS

PINACEAE

• Larch (*Larix* with two species as *Larix decidua* Mill., 1768 and *Larix kaempferi* (Lamb.) Carriere, 1856 in Turkey)

Larix decidua Miller

Aseminae
Arhopalus ferus (Mulsant, 1839)
Lamiinae
Monochamus (*Monochamus*) *sartor sartor* (Fabricius, 1787)
Lepturinae
Stictoleptura (*Melanoleptura*) *scutellata* (Fabricius, 1781)

Larix europaea de Candolle

Aseminae
Arhopalus ferus (Mulsant, 1839)
Arhopalus rusticus rusticus (Linnaeus, 1758)
Asemum striatum (Linnaeus, 1758)
Tetropium castaneum (Linnaeus, 1758)
Cerambycinae
Callidium (*Callidium*) *violaceum* (Linnaeus, 1758)
Lamiinae
Saperda (*Lopezcolonia*) *scalaris scalaris* (Linnaeus, 1758)
Lepturinae
Anastrangalia sanguinolenta (Linnaeus, 1760)
Oxymirus cursor (Linnaeus, 1758)
Rhagium (*Hagrium*) *bifasciatum* Fabricius, 1775
Rhagium (*Megarhagium*) *mordax* (Degeer, 1775)
Rhagium (*Rhagium*) *inquisitor inquisitor* (Linnaeus, 1758)

Larix gmelinii Ledebour ex Gordon

Aseminae
Tetropium castaneum (Linnaeus, 1758)
Cerambycinae
Callidium (*Callidium*) *violaceum* (Linnaeus, 1758)
Lamiinae
Lamia textor (Linnaeus, 1758)

Larix kaempferi Fortune ex Gordon

Aseminae
Arhopalus ferus (Mulsant, 1839)
Asemum striatum (Linnaeus, 1758)
Tetropium castaneum (Linnaeus, 1758)
Cerambycinae
Callidium (*Callidium*) *violaceum* (Linnaeus, 1758)
Lamiinae
Pogonocherus (*Pityphilus*) *fasciculatus fasciculatus* (Degeer, 1775)
Lepturinae
Rhagium (*Rhagium*) *inquisitor inquisitor* (Linnaeus, 1758)
Spondylidinae
Spondylis buprestoides (Linnaeus, 1758)

***Larix koreana* Nakai**

Aseminae
Asemum striatum (Linnaeus, 1758)
Tetropium castaneum (Linnaeus, 1758)

***Larix laricina* (Duroi) K. Koch**

Aseminae
Asemum striatum (Linnaeus, 1758)

***Larix occidentalis* Nuttall**

Lepturinae
Rhagium (*Rhagium*) *inquisitor inquisitor* (Linnaeus, 1758)

***Larix olgensis* A. Henry var. *amurensis* (Kolesnikov ex Dylis) Kitagawa**

Cerambycinae
Rhaphuma gracilipes (Faldermann, 1835)

***Larix* sp.**

Cerambycinae
Hylotrupes bajulus (Linnaeus, 1758)
Obrium brunneum (Fabricius, 1793)
Stromatium auratum (Böber, 1793)
Lamiinae
Acanthocinus (*Acanthocinus*) *aedilis* (Linnaeus, 1758)
Lepturinae
Judolia sexmaculata (Linnaeus, 1758)
Stictoleptura (*Aredolpona*) *rubra rubra* (Linnaeus, 1758)
Prioninae
Ergates faber faber (Linnaeus, 1760)
Stenopterinae
Molorchus (*Caenoptera*) *minor minor* (Linnaeus, 1758)

Accordingly, a total of 25 species-group taxa of 21 genera belonging to 7 subfamilies of longicorn beetles in Turkey are determined at least from nine species of *Larix*. The collective list of longicorn beetle taxa associated with the members of *Larix* can be presented as follows.

***Larix* spp.**

Aseminae
Arhopalus ferus (Mulsant, 1839)
Arhopalus rusticus rusticus (Linnaeus, 1758)
Asemum striatum (Linnaeus, 1758)
Tetropium castaneum (Linnaeus, 1758)

Cerambycinae
Callidium (*Callidium*) *violaceum* (Linnaeus, 1758)
Hylotrupes bajulus (Linnaeus, 1758)
Obrium brunneum (Fabricius, 1793)
Rhaphuma gracilipes (Faldermann, 1835)
Stromatium auratum (Böber, 1793)
Lamiinae
Acanthocinus (*Acanthocinus*) *aedilis* (Linnaeus, 1758)
Lamia textor (Linnaeus, 1758)
Monochamus (*Monochamus*) *sartor sartor* (Fabricius, 1787)
Pogonocherus (*Pityphilus*) *fasciculatus fasciculatus* (Degeer, 1775)
Saperda (*Lopezcolonia*) *scalaris scalaris* (Linnaeus, 1758)
Lepturinae
Anastrangalia sanguinolenta (Linnaeus, 1760)
Judolia sexmaculata (Linnaeus, 1758)
Oxymirus cursor (Linnaeus, 1758)
Rhagium (*Hagrium*) *bifasciatum* Fabricius, 1775
Rhagium (*Megarhagium*) *mordax* (Degeer, 1775)
Rhagium (*Rhagium*) *inquisitor inquisitor* (Linnaeus, 1758)
Stictoleptura (*Aredolpona*) *rubra rubra* (Linnaeus, 1758)
Stictoleptura (*Melanoleptura*) *scutellata* (Fabricius, 1781)
Spondylidinae
Spondylis buprestoides (Linnaeus, 1758)
Prioninae
Ergates faber faber (Linnaeus, 1760)
Stenopterinae
Molorchus (*Caenoptera*) *minor minor* (Linnaeus, 1758)

• Fir (*Abies* with two species as *Abies cilicica* (Antoine & Kotschy) Carrière, 1855 and *Abies nordmanniana* (Steven) Spach, 1841 that is represented by two subspecies as *Abies nordmanniana* (Steven) Spach ssp. *nordmanniana* (Steven) Spach, 1841 and *Abies nordmanniana* (Steven) Spach ssp. *equi-trojani* (Asch. & Sint. ex Boiss.) Coode & Cullen, 1965 in Turkey)

Abies alba Michaux

Cerambycinae
Obrium brunneum (Fabricius, 1793)
Xylotrechus (*Rusticoclytus*) *rusticus* (Linnaeus, 1758)
Lamiinae
Leiopus (*Leiopus*) *nebulosus nebulosus* (Linnaeus, 1758)
Monochamus (*Monochamus*) *sartor sartor* (Fabricius, 1787)
Pogonocherus (*Pogonocherus*) *eugeniae eugeniae* Ganglbauer, 1891
Saperda (*Lopezcolonia*) *scalaris scalaris* (Linnaeus, 1758)
Lepturinae
Oxymirus cursor (Linnaeus, 1758)
Rhagium (*Megarhagium*) *mordax* (Degeer, 1775)
Rhagium (*Rhagium*) *inquisitor inquisitor* (Linnaeus, 1758)
Stenurella (Stenurella) melanura (Linnaeus, 1758)

Munis Entomology & Zoology
https://www.munisentzool.org/
ISSN 1306-3022

Mun. Ent. Zool. 18 (2)
(June, 2023)
© MRG

Stictoleptura (*Aredolpona*) *rubra rubra* (Linnaeus, 1758)
Xylosteus spinolae Frivaldszky, 1837

Spondylidinae
Spondylis buprestoides (Linnaeus, 1758)

Stenopterinae
Molorchus (*Caenoptera*) *minor minor* (Linnaeus, 1758)
Molorchus (*Molorchus*) *marmottani marmottani* Brisout de Barneville, 1863

***Abies bornmuelleriana* Mattfeld**

Prioninae
Ergates faber faber (Linnaeus, 1760)

***Abies cephalonica* Loudon**

Cerambycinae
Axinopalpis gracilis gracilis (Krynicki, 1832)
Lioderina linearis (Hampe, 1871)
Obrium brunneum (Fabricius, 1793)

Lamiinae
Pogonocherus (*Pogonocherus*) *eugeniae eugeniae* Ganglbauer, 1891

Lepturinae
Stictoleptura (*Aredolpona*) *rubra rubra* (Linnaeus, 1758)
Xylosteus kadleci Miroshnikov, 2000

Stenopterinae
Molorchus (*Caenoptera*) *minor minor* (Linnaeus, 1758)

***Abies cilicica* Antoine & Kotschy**

Cerambycinae
Callidium (*Callidium*) *syriacum* Pic, 1892
Hylotrupes bajulus (Linnaeus, 1758)
Isotomus comptus syriacus (Pic, 1902)
Obrium brunneum (Fabricius, 1793)
Ropalopus (*Ropalopus*) *clavipes* (Fabricius, 1775)

Lamiinae
Leiopus (*Leiopus*) *syriacus abieticola* Sama & Rapuzzi, 2010

Lepturinae
Rhagium (*Hagrium*) *bifasciatum* Fabricius, 1775
Rhagium (*Rhagium*) *inquisitor inquisitor* (Linnaeus, 1758)
Stictoleptura (*Aredolpona*) *rubra rubra* (Linnaeus, 1758)

Spondylidinae
Spondylis buprestoides (Linnaeus, 1758)

Stenopterinae
Molorchus (*Caenoptera*) *minor minor* (Linnaeus, 1758)

***Abies concolor* Gordon & Glen**

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

Lepturinae
Rhagium (*Rhagium*) *inquisitor inquisitor* (Linnaeus, 1758)

Abies firma Siebold & Zuccarini

Aseminae
Asemum striatum (Linnaeus, 1758)
Tetropium castaneum (Linnaeus, 1758)
Spondylidinae
Spondylis buprestoides (Linnaeus, 1758)

Abies grandis (Lambert) Lindley

Lepturinae
Rhagium (*Rhagium*) *inquisitor inquisitor* (Linnaeus, 1758)

Abies holophylla Maximowicz

Aseminae
Asemum striatum (Linnaeus, 1758)
Tetropium castaneum (Linnaeus, 1758)
Lamiinae
Acanthocinus (*Acanthocinus*) *aedilis* (Linnaeus, 1758)
Lepturinae
Rhagium (*Rhagium*) *inquisitor inquisitor* (Linnaeus, 1758)

Abies homolepis Siebold & Zuccarini

Aseminae
Asemum striatum (Linnaeus, 1758)

Abies lasiocarpa Hooker

Lepturinae
Rhagium (*Rhagium*) *inquisitor inquisitor* (Linnaeus, 1758)

Abies magnifica A. Murray

Lepturinae
Rhagium (*Rhagium*) *inquisitor inquisitor* (Linnaeus, 1758)

Abies mariesii Masters

Aseminae
Asemum striatum (Linnaeus, 1758)
Tetropium castaneum (Linnaeus, 1758)

Abies nephrolepis (Trautvetter) Maximowicz

Aseminae
Asemum striatum (Linnaeus, 1758)

Tetropium castaneum (Linnaeus, 1758)
Lepturinae
Rhagium (*Rhagium*) *inquisitor inquisitor* (Linnaeus, 1758)

Abies nordmanniana (Steven) Spach

Aseminae
Tetropium castaneum (Linnaeus, 1758)
Cerambycinae
Callidium (*Callidostola*) *aeneum longipenne* Plavilstshikov, 1940
Hybometopia starcki starcki Ganglbauer, 1889
Hylotrupes bajulus (Linnaeus, 1758)
Obrium brunneum (Fabricius, 1793)
Trichoferus fasciculatus fasciculatus (Faldermann, 1837)
Lamiinae
Mesosa (*Mesosa*) *curculionoides* (Linnaeus, 1760)
Parmena pontocircassica Danilevsky & Miroshnikov, 1985
Parmena striatopunctata Sama, 1994
Parmenopsis caucasica (Leder, 1879)
Pogonocherus (*Pityphilus*) *fasciculatus fasciculatus* (Degeer, 1775)
Pogonocherus (*Pityphilus*) *inermicollis* Reitter, 1894
Lepturinae
Anastrangalia dubia dubia (Scopoli, 1763)
Rhagium (*Hagrium*) *bifasciatum* Fabricius, 1775
Rhagium (*Rhagium*) *inquisitor inquisitor* (Linnaeus, 1758)
Stictoleptura (*Aredolpona*) *rubra rubra* (Linnaeus, 1758)

Abies numidica De Lannoy ex Carrière

Cerambycinae
Hylotrupes bajulus (Linnaeus, 1758)
Lepturinae
Anastrangalia dubia dubia (Scopoli, 1763)
Rhagium (*Rhagium*) *inquisitor inquisitor* (Linnaeus, 1758)
Stictoleptura (*Aredolpona*) *rubra rubra* (Linnaeus, 1758)
Prioninae
Ergates faber faber (Linnaeus, 1760)
Prionus coriarius (Linnaeus, 1758)

Abies pectinata A. P. de Candolle

Lepturinae
Rhagium (*Hagrium*) *bifasciatum* Fabricius, 1775
Aseminae
Tetropium castaneum (Linnaeus, 1758)

Abies pinsapo Boissier

Cerambycinae
Hylotrupes bajulus (Linnaeus, 1758)

Trichoferus fasciculatus fasciculatus (Faldermann, 1837)
Prioninae
Ergates faber faber (Linnaeus, 1760)

Abies sachalinensis Masters

Aseminae
Arhopalus rusticus rusticus (Linnaeus, 1758)
Asemum striatum (Linnaeus, 1758)
Tetropium castaneum (Linnaeus, 1758)
Cerambycinae
Callidium (*Callidium*) *violaceum* (Linnaeus, 1758)
Lamiinae
Pogonocherus (*Pityphilus*) *fasciculatus fasciculatus* (Degeer, 1775)
Stenopterinae
Molorchus (*Caenoptera*) *minor minor* (Linnaeus, 1758)

Abies veitchii Lindley

Aseminae
Asemum striatum (Linnaeus, 1758)
Tetropium castaneum (Linnaeus, 1758)

Abies sp.

Aseminae
Arhopalus rusticus rusticus (Linnaeus, 1758)
Asemum striatum (Linnaeus, 1758)
Tetropium castaneum (Linnaeus, 1758)
Tetropium fuscum fuscum (Fabricius, 1787)
Cerambycinae
Callidium (*Callidium*) *violaceum* (Linnaeus, 1758)
Hybometopia starcki ivani Sama, 1996
Nathrius brevipennis (Mulsant, 1839)
Rhaphuma gracilipes (Faldermann, 1835)
Ropalopus (*Ropalopus*) *macropus* (Germar, 1823)
Stromatium auratum (Böber, 1793)
Lamiinae
Acanthocinus (*Acanthocinus*) *griseus* (Fabricius, 1793)
Aegomorphus clavipes (Schrank, 1781)
Exocentrus punctipennis punctipennis Mulsant & Guillebeau, 1856
Lamia textor (Linnaeus, 1758)
Morimus orientalis Reitter, 1894
Pogonocherus (*Pityphilus*) *decoratus* Fairmaire, 1855
Pogonocherus (*Pogonocherus*) *eugeniae eugeniae* Ganglbauer, 1891
Lepturinae
Anastrangalia dubia dubia (Scopoli, 1763)
Anastrangalia sanguinolenta (Linnaeus, 1760)
Judolia cerambyciformis (Schrank, 1781)
Judolia sexmaculata (Linnaeus, 1758)

Leptura (*Leptura*) *quadrifasciata quadrifasciata* Linnaeus, 1758
Rhagium (*Rhagium*) *inquisitor inquisitor* (Linnaeus, 1758)
Rutpela maculata maculata (Poda, 1761)
Rutpela manca (Schaufuß, 1863)

Spondylidinae

Spondylis buprestoides (Linnaeus, 1758)

Stenopterinae

Molorchus (*Caenoptera*) *minor minor* (Linnaeus, 1758)

Accordingly, a total of 60 species-group taxa of 42 genera belonging to 7 subfamilies of longicorn beetles in Turkey are determined at least from twenty species of *Abies*. The collective list of longicorn beetle taxa associated with the members of *Abies* can be presented as follows.

Abies spp.

Aseminae

Arhopalus rusticus rusticus (Linnaeus, 1758)
Asemum striatum (Linnaeus, 1758)
Tetropium castaneum (Linnaeus, 1758)
Tetropium fuscum fuscum (Fabricius, 1787)

Cerambycinae

Axinopalpis gracilis gracilis (Krynicki, 1832)
Callidium (*Callidium*) *syriacum* Pic, 1892
Callidium (*Callidium*) *violaceum* (Linnaeus, 1758)
Callidium (*Callidostola*) *aeneum longipenne* Plavilstshikov, 1940
Hybometopia starcki ivani Sama, 1996
Hybometopia starcki starcki Ganglbauer, 1889
Hylotrupes bajulus (Linnaeus, 1758)
Isotomus comptus syriacus (Pic, 1902)
Lioderina linearis (Hampe, 1871)
Nathrius brevipennis (Mulsant, 1839)
Obrium brunneum (Fabricius, 1793)
Phymatodes (*Phymatodes*) *testaceus* (Linnaeus, 1758)
Rhaphuma gracilipes (Faldermann, 1835)
Ropalopus (*Ropalopus*) *clavipes* (Fabricius, 1775)
Ropalopus (*Ropalopus*) *macropus* (Germar, 1823)
Stromatium auratum (Böber, 1793)
Trichoferus fasciculatus fasciculatus (Faldermann, 1837)
Xylotrechus (*Rusticoclytus*) *rusticus* (Linnaeus, 1758)

Lamiinae

Acanthocinus (*Acanthocinus*) *aedilis* (Linnaeus, 1758)
Acanthocinus (*Acanthocinus*) *griseus* (Fabricius, 1793)
Aegomorphus clavipes (Schrank, 1781)
Exocentrus punctipennis punctipennis Mulsant & Guillebeau, 1856
Lamia textor (Linnaeus, 1758)
Leiopus (*Leiopus*) *nebulosus nebulosus* (Linnaeus, 1758)
Leiopus (*Leiopus*) *syriacus abieticola* Sama & Rapuzzi, 2010
Mesosa (*Mesosa*) *curculionoides* (Linnaeus, 1760)
Monochamus (*Monochamus*) *sartor sartor* (Fabricius, 1787)

Morimus orientalis Reitter, 1894
Parmena pontocircassica Danilevsky & Miroshnikov, 1985
Parmena striatopunctata Sama, 1994
Parmenopsis caucasica (Leder, 1879)
Pogonocherus (*Pityphilus*) *decoratus* Fairmaire, 1855
Pogonocherus (*Pityphilus*) *fasciculatus fasciculatus* (Degeer, 1775)
Pogonocherus (*Pityphilus*) *inermicollis* Reitter, 1894
Pogonocherus (*Pogonocherus*) *eugeniae eugeniae* Ganglbauer, 1891
Saperda (*Lopezcolonia*) *scalaris scalaris* (Linnaeus, 1758)

Lepturinae

Anastrangalia dubia dubia (Scopoli, 1763)
Anastrangalia sanguinolenta (Linnaeus, 1760)
Judolia cerambyciformis (Schrank, 1781)
Judolia sexmaculata (Linnaeus, 1758)
Leptura (*Leptura*) *quadrifasciata quadrifasciata* Linnaeus, 1758
Oxymirus cursor (Linnaeus, 1758)
Rhagium (*Hagrium*) *bifasciatum* Fabricius, 1775
Rhagium (*Megarhagium*) *mordax* (Degeer, 1775)
Rhagium (*Rhagium*) *inquisitor inquisitor* (Linnaeus, 1758)
Rutpela maculata maculata (Poda, 1761)
Rutpela manca (Schaufuß, 1863)
Stenurella (Stenurella) melanura (Linnaeus, 1758)
Stictoleptura (*Aredolpona*) *rubra rubra* (Linnaeus, 1758)
Xylosteus kadleci Miroshnikov, 2000
Xylosteus spinolae Frivaldszky, 1837

Prioninae

Ergates faber faber (Linnaeus, 1760)
Prionus coriarius (Linnaeus, 1758)

Spondylidinae

Spondylis buprestoides (Linnaeus, 1758)

Stenopterinae

Molorchus (*Caenoptera*) *minor minor* (Linnaeus, 1758)
Molorchus (*Molorchus*) *marmottani marmottani* Brisout de Barneville, 1863

• Douglas-fir (*Pseudotsuga* with one species as *Pseudotsuga menziesii* (Mirb.) Franco, 1950, and its two varieties as *Pseudotsuga menziesii* var. *menziesii* (Mirb.) Franco and *Pseudotsuga menziesii* var. *glauca* (Beissn.) Franco, 1950 in Turkey)

***Pseudotsuga menziesii* (Mirbel) Franco**

Aseminae

Arhopalus ferus (Mulsant, 1839)
Arhopalus rusticus rusticus (Linnaeus, 1758)
Asemum striatum (Linnaeus, 1758)

Cerambycinae

Callidium (*Callidium*) *violaceum* (Linnaeus, 1758)
Hylotrupes bajulus (Linnaeus, 1758)
Obrium brunneum (Fabricius, 1793)

Lamiinae
Pogonocherus (*Pityphilus*) *fasciculatus fasciculatus* (Degeer, 1775)
Lepturinae
Judolia cerambyciformis (Schrank, 1781)
Oxymirus cursor (Linnaeus, 1758)
Rhagium (*Hagrium*) *bifasciatum* Fabricius, 1775
Rhagium (*Megarhagium*) *mordax* (Degeer, 1775)
Rhagium (*Rhagium*) *inquisitor inquisitor* (Linnaeus, 1758)
Stenurella (Stenurella) melanura (Linnaeus, 1758)
Stictoleptura (*Aredolpona*) *rubra rubra* (Linnaeus, 1758)
Prioninae
Ergates faber faber (Linnaeus, 1760)
Prionus coriarius (Linnaeus, 1758)
Spondylidinae
Spondylis buprestoides (Linnaeus, 1758)
Stenopterinae
Molorchus (*Caenoptera*) *minor minor* (Linnaeus, 1758)

Accordingly, as seen above, a total of 18 species-group taxa of 15 genera belonging to 7 subfamilies of longicorn beetles in Turkey are determined from one species of *Pseudotsuga*.

• Cedar (*Cedrus* with one species as *Cedrus libani* A.Rich., 1823, and its nominative variety as *Cedrus libani* A.Rich. var. *libani* A.Rich., 1823 in Turkey)

***Cedrus atlantica* Manetti (= *libani* Barrel.)**

Cerambycinae
Nathrius brevipennis (Mulsant, 1839)
Ropalopus (*Ropalopus*) *clavipes* (Fabricius, 1775)
Lepturinae
Rhagium (*Rhagium*) *inquisitor inquisitor* (Linnaeus, 1758)

Prioninae
Ergates faber faber (Linnaeus, 1760)
Prionus coriarius (Linnaeus, 1758)
Stenopterinae
Molorchus (*Caenoptera*) *minor minor* (Linnaeus, 1758)

***Cedrus libani* A. Richard**

Cerambycinae
Callidium (*Callidium*) *syriacum* Pic, 1892
Semanotus russicus russicus (Fabricius, 1776)
Stenopterinae
Molorchus (*Molorchus*) *tenuitarsis* Holzschuh, 1981

***Cedrus* sp.**

Cerambycinae
Gracilia minuta (Fabricius, 1781)
Stromatium auratum (Böber, 1793)
Trichoferus fasciculatus fasciculatus (Faldermann, 1837)

Accordingly, a total of 12 species-group taxa of 11 genera belonging to 4 subfamilies of longicorn beetles in Turkey are determined at least from three species of *Cedrus*. The collective list of longicorn beetle taxa associated with the members of *Cedrus* can be presented as follows.

***Cedrus* spp.**

Cerambycinae
Callidium (*Callidium*) *syriacum* Pic, 1892
Gracilia minuta (Fabricius, 1781)
Nathrius brevipennis (Mulsant, 1839)
Ropalopus (*Ropalopus*) *clavipes* (Fabricius, 1775)
Semanotus russicus russicus (Fabricius, 1776)
Stromatium auratum (Böber, 1793)
Trichoferus fasciculatus fasciculatus (Faldermann, 1837)
Lepturinae
Rhagium (*Rhagium*) *inquisitor inquisitor* (Linnaeus, 1758)
Prioninae
Ergates faber faber (Linnaeus, 1760)
Prionus coriarius (Linnaeus, 1758)
Stenopterinae
Molorchus (*Caenoptera*) *minor minor* (Linnaeus, 1758)
Molorchus (*Molorchus*) *tenuitarsis* Holzschuh, 1981

• Spruce (*Picea* with one species as *Picea orientalis* (L.) Peterm., 1845 in Turkey)

***Picea abies* Linnaeus**

Aseminae
Arhopalus rusticus rusticus (Linnaeus, 1758)
Asemum striatum (Linnaeus, 1758)
Tetropium castaneum (Linnaeus, 1758)
Tetropium fuscum fuscum (Fabricius, 1787)
Cerambycinae
Callidium (*Callidium*) *violaceum* (Linnaeus, 1758)
Clytus (*Clytus*) *arietis arietis* (Linnaeus, 1758)
Hylotrupes bajulus (Linnaeus, 1758)
Obrium brunneum (Fabricius, 1793)
Lamiinae
Acanthocinus (*Acanthocinus*) *aedilis* (Linnaeus, 1758)
Acanthocinus (*Acanthocinus*) *griseus* (Fabricius, 1793)
Leiopus (*Leiopus*) *nebulosus nebulosus* (Linnaeus, 1758)

Monochamus (*Monochamus*) *galloprovincialis pistor* (Germar, 1818)
Monochamus (*Monochamus*) *sartor sartor* (Fabricius, 1787)
Pogonocherus (*Pityphilus*) *decoratus* Fairmaire, 1855
Pogonocherus (*Pityphilus*) *fasciculatus fasciculatus* (Degeer, 1775)
Saperda (*Lopezcolonia*) *scalaris scalaris* (Linnaeus, 1758)

Lepturinae

Anastrangalia sanguinolenta (Linnaeus, 1760)
Grammoptera (*Grammoptera*) *ruficornis ruficornis* (Fabricius, 1781)
Judolia sexmaculata (Linnaeus, 1758)
Leptura (*Leptura*) *aethiops* Poda, 1761
Leptura (*Leptura*) *quadrifasciata quadrifasciata* Linnaeus, 1758
Oxymirus cursor (Linnaeus, 1758)
Rhagium (*Hagrium*) *bifasciatum* Fabricius, 1775
Rhagium (*Rhagium*) *inquisitor inquisitor* (Linnaeus, 1758)
Stictoleptura (*Maculileptura*) *maculicornis* (Degeer, 1775)
Strangalia attenuata (Linnaeus, 1758)
Xylosteus spinolae Frivaldszky, 1837

Necydalinae

Necydalis (*Necydalis*) *major* Linnaeus, 1758

Prioninae

Ergates faber faber (Linnaeus, 1760)
Prionus coriarius (Linnaeus, 1758)

Stenopterinae

Molorchus (*Caenoptera*) *minor minor* (Linnaeus, 1758)

Picea ajsnensis Fischer ex Trautvetter & C.A. Meyer

Aseminae

Tetropium castaneum (Linnaeus, 1758)

Picea engelmanni Engelmann

Lepturinae

Rhagium (*Rhagium*) *inquisitor inquisitor* (Linnaeus, 1758)

Picea excelsa Link

Aseminae

Tetropium castaneum (Linnaeus, 1758)
Tetropium fuscum fuscum (Fabricius, 1787)

Cerambycinae

Obrium brunneum (Fabricius, 1793)
Ropalopus (*Ropalopus*) *clavipes* (Fabricius, 1775)
Ropalopus (*Ropalopus*) *femoratus* (Linnaeus, 1758)

Lamiinae

Mesosa (*Aplocnemia*) *nebulosa nebulosa* (Fabricius, 1781)
Monochamus (*Monochamus*) *sartor sartor* (Fabricius, 1787)

Lepturinae

Anastrangalia dubia dubia (Scopoli, 1763)
Rhagium (*Hagrium*) *bifasciatum* Fabricius, 1775

Rhagium (*Rhagium*) *inquisitor inquisitor* (Linnaeus, 1758)
Stictoleptura (*Aredolpona*) *rubra rubra* (Linnaeus, 1758)
Xylosteus spinolae Frivaldszky, 1837
Stenopterinae
Molorchus (*Caenoptera*) *minor minor* (Linnaeus, 1758)

Picea glauca (Moench) Voss

Aseminae
Asemum striatum (Linnaeus, 1758)
Tetropium fuscum fuscum (Fabricius, 1787)
Lepturinae
Rhagium (*Rhagium*) *inquisitor inquisitor* (Linnaeus, 1758)

Picea glehnii Masters

Aseminae
Tetropium castaneum (Linnaeus, 1758)
Cerambycinae
Callidium (*Callidium*) *violaceum* (Linnaeus, 1758)

Picea jezoensis (Siebold & Zuccarini) Carrière ssp. *hondoensis* (Mayr) P. A. Schmidt

Aseminae
Asemum striatum (Linnaeus, 1758)
Cerambycinae
Callidium (*Callidium*) *violaceum* (Linnaeus, 1758)
Spondylidinae
Spondylis buprestoides (Linnaeus, 1758)

Picea jezoensis Carrière

Aseminae
Arhopalus rusticus rusticus (Linnaeus, 1758)
Asemum striatum (Linnaeus, 1758)
Tetropium castaneum (Linnaeus, 1758)
Cerambycinae
Callidium (*Callidium*) *violaceum* (Linnaeus, 1758)
Lamiinae
Acanthocinus (*Acanthocinus*) *aedilis* (Linnaeus, 1758)
Acanthocinus (*Acanthocinus*) *griseus* (Fabricius, 1793)
Aegomorphus clavipes (Schrank, 1781)
Pogonocherus (*Pityphilus*) *fasciculatus fasciculatus* (Degeer, 1775)
Lepturinae
Leptura (*Leptura*) *aethiops* Poda, 1761
Rhagium (*Rhagium*) *inquisitor inquisitor* (Linnaeus, 1758)
Stenopterinae
Molorchus (*Caenoptera*) *minor minor* (Linnaeus, 1758)

Munis Entomology & Zoology
https://www.munisentzool.org/
ISSN 1306-3022
Mun. Ent. Zool. 18 (2)
(June, 2023)
© MRG

Picea koraiensis Nakai

Aseminae
Asemum striatum (Linnaeus, 1758)
Lamiinae
Acanthocinus (*Acanthocinus*) *griseus* (Fabricius, 1793)
Lepturinae
Rhagium (*Rhagium*) *inquisitor inquisitor* (Linnaeus, 1758)

Picea mariana Britton, Sterns & Poggenburg

Aseminae
Tetropium fuscum fuscum (Fabricius, 1787)

Picea orientalis Carrière

Aseminae
Arhopalus rusticus rusticus (Linnaeus, 1758)
Tetropium castaneum (Linnaeus, 1758)
Tetropium fuscum fuscum (Fabricius, 1787)
Cerambycinae
Hylotrupes bajulus (Linnaeus, 1758)
Isotomus speciosus speciosus (Schneider, 1787)
Obrium brunneum (Fabricius, 1793)
Phymatodes (*Phymatodes*) *testaceus* (Linnaeus, 1758)
Pyrrhidium sanguineum (Linnaeus, 1758)
Trichoferus fasciculatus fasciculatus (Faldermann, 1837)
Lamiinae
Acanthocinus (*Acanthocinus*) *aedilis* (Linnaeus, 1758)
Acanthocinus (*Acanthocinus*) *griseus* (Fabricius, 1793)
Monochamus (*Monochamus*) *galloprovincialis tauricola* Pic, 1912
Monochamus (*Monochamus*) *sartor sartor* (Fabricius, 1787)
Morimus verecundus verecundus (Faldermann, 1836)
Pogonocherus (*Pityphilus*) *fasciculatus fasciculatus* (Degeer, 1775)
Pogonocherus (*Pogonocherus*) *hispidulus* (Piller & Mitterpacher, 1783)
Saperda (*Lopezcolonia*) *scalaris scalaris* (Linnaeus, 1758)
Lepturinae
Anastrangalia dubia dubia (Scopoli, 1763)
Anastrangalia sanguinolenta (Linnaeus, 1760)
Leptura (*Leptura*) *aurulenta* Fabricius, 1793
Rhagium (*Hagrium*) *bifasciatum* Fabricius, 1775
Rhagium (*Megarhagium*) *mordax* (Degeer, 1775)
Rhagium (*Rhagium*) *inquisitor inquisitor* (Linnaeus, 1758)
Rutpela maculata maculata (Poda, 1761)
Stictoleptura (*Aredolpona*) *rubra rubra* (Linnaeus, 1758)
Prioninae
Ergates faber faber (Linnaeus, 1760)
Prionus coriarius (Linnaeus, 1758)
Spondylidinae
Spondylis buprestoides (Linnaeus, 1758)

Stenopterinae
Molorchus (*Caenoptera*) *minor minor* (Linnaeus, 1758)

Picea pungens Engelmann

Stenopterinae
Molorchus (*Caenoptera*) *minor minor* (Linnaeus, 1758)

Picea rubens Sargent

Aseminae
Tetropium fuscum fuscum (Fabricius, 1787)

Picea sitchensis (Bongard) Carr

Lepturinae
Rhagium (*Rhagium*) *inquisitor inquisitor* (Linnaeus, 1758)

Picea sp.

Aseminae
Arhopalus ferus (Mulsant, 1839)
Arhopalus rusticus rusticus (Linnaeus, 1758)
Asemum striatum (Linnaeus, 1758)
Cerambycinae
Hylotrupes bajulus (Linnaeus, 1758)
Lamiinae
Acanthocinus (*Acanthocinus*) *aedilis* (Linnaeus, 1758)
Lamia textor (Linnaeus, 1758)
Monochamus (*Monochamus*) *galloprovincialis transitivus* Lazarev, 2017

Lepturinae
Alosterna tabacicolor tabacicolor (Degeer, 1775)
Judolia cerambyciformis (Schrank, 1781)
Oxymirus cursor (Linnaeus, 1758)
Rhagium (*Rhagium*) *inquisitor inquisitor* (Linnaeus, 1758)
Rutpela maculata maculata (Poda, 1761)
Stenurella (Stenurella) melanura (Linnaeus, 1758)
Spondylidinae
Spondylis buprestoides (Linnaeus, 1758)
Stenopterinae
Molorchus (*Caenoptera*) *minor minor* (Linnaeus, 1758)
Molorchus (*Molorchus*) *marmottani marmottani* Brisout de Barneville, 1863

Accordingly, a total of 54 species-group taxa of 38 genera belonging to 8 subfamilies of longicorn beetles in Turkey are determined at least from fourteen species of *Picea*. The collective list of longicorn beetle taxa associated with the members of *Picea* can be presented as follows.

Picea spp.

Aseminae

Arhopalus rusticus rusticus (Linnaeus, 1758)
Asemum striatum (Linnaeus, 1758)
Tetropium castaneum (Linnaeus, 1758)
Tetropium fuscum fuscum (Fabricius, 1787)

Cerambycinae

Callidium (*Callidium*) *violaceum* (Linnaeus, 1758)
Clytus (*Clytus*) *arietis arietis* (Linnaeus, 1758)
Hylotrupes bajulus (Linnaeus, 1758)
Isotomus speciosus speciosus (Schneider, 1787)
Obrium brunneum (Fabricius, 1793)
Phymatodes (*Phymatodes*) *testaceus* (Linnaeus, 1758)
Pyrrhidium sanguineum (Linnaeus, 1758)
Ropalopus (*Ropalopus*) *clavipes* (Fabricius, 1775)
Ropalopus (*Ropalopus*) *femoratus* (Linnaeus, 1758)
Trichoferus fasciculatus fasciculatus (Faldermann, 1837)

Lamiinae

Acanthocinus (*Acanthocinus*) *aedilis* (Linnaeus, 1758)
Acanthocinus (*Acanthocinus*) *griseus* (Fabricius, 1793)
Aegomorphus clavipes (Schrank, 1781)
Lamia textor (Linnaeus, 1758)
Leiopus (*Leiopus*) *nebulosus nebulosus* (Linnaeus, 1758)
Mesosa (*Aplocnemia*) *nebulosa nebulosa* (Fabricius, 1781)
Monochamus (*Monochamus*) *galloprovincialis pistor* (Germar, 1818)
Monochamus (*Monochamus*) *galloprovincialis tauricola* Pic, 1912
Monochamus (*Monochamus*) *galloprovincialis transitivus* Lazarev, 2017
Monochamus (*Monochamus*) *sartor sartor* (Fabricius, 1787)
Morimus verecundus verecundus (Faldermann, 1836)
Pogonocherus (*Pityphilus*) *decoratus* Fairmaire, 1855
Pogonocherus (*Pityphilus*) *fasciculatus fasciculatus* (Degeer, 1775)
Pogonocherus (*Pogonocherus*) *hispidulus* (Piller & Mitterpacher, 1783)
Saperda (*Lopezcolonia*) *scalaris scalaris* (Linnaeus, 1758)

Lepturinae

Alosterna tabacicolor tabacicolor (Degeer, 1775)
Anastrangalia dubia dubia (Scopoli, 1763)
Anastrangalia sanguinolenta (Linnaeus, 1760)
Grammoptera (*Grammoptera*) *ruficornis ruficornis* (Fabricius, 1781)
Judolia cerambyciformis (Schrank, 1781)
Judolia sexmaculata (Linnaeus, 1758)
Leptura (*Leptura*) *aethiops* Poda, 1761
Leptura (*Leptura*) *aurulenta* Fabricius, 1793
Leptura (*Leptura*) *quadrifasciata quadrifasciata* Linnaeus, 1758
Oxymirus cursor (Linnaeus, 1758)
Rhagium (*Hagrium*) *bifasciatum* Fabricius, 1775
Rhagium (*Megarhagium*) *mordax* (Degeer, 1775)
Rhagium (*Rhagium*) *inquisitor inquisitor* (Linnaeus, 1758)
Rutpela maculata maculata (Poda, 1761)
Stenurella (Stenurella) melanura (Linnaeus, 1758)

Stictoleptura (*Aredolpona*) *rubra rubra* (Linnaeus, 1758)
Stictoleptura (*Maculileptura*) *maculicornis* (Degeer, 1775)
Strangalia attenuata (Linnaeus, 1758)
Xylosteus spinolae Frivaldszky, 1837

Necydalinae

Necydalis (*Necydalis*) *major* Linnaeus, 1758

Prioninae

Ergates faber faber (Linnaeus, 1760)
Prionus coriarius (Linnaeus, 1758)

Spondylidinae

Spondylis buprestoides (Linnaeus, 1758)

Stenopterinae

Molorchus (*Caenoptera*) *minor minor* (Linnaeus, 1758)
Molorchus (*Molorchus*) *marmottani marmottani* Brisout de Barneville, 1863

• Pine (*Pinus* with seven species as *Pinus sylvestris* L.,1753 that has two varieties as *Pinus sylvestris* L. var. *elicinii* Kandemir & Mataracı, 2018 and *Pinus sylvestris* L. var. *hamata* Steven, 1838; *Pinus nigra* J.F.Arnold, 1785 that is represented only by the subspecies *Pinus nigra* J.F.Arnold ssp. *pallasiana* (Lamb.) Holmboe, 1914 with three varieties as *Pinus nigra* ssp. *pallasiana* var. *pallasiana* (Lamb.) Holmboe, 1914, *Pinus nigra* ssp. *pallasiana* var. *fastigiata* Businský, 2008 and *Pinus nigra* ssp. *pallasiana* var. *yaltirikiana* Alptekin, 1987; *Pinus pinaster* Aiton, 1789; *Pinus brutia* Ten., 1815 that is represented by three varieties as *Pinus brutia* var. *brutia* Ten., 1815, *Pinus brutia* Ten. var. *eldarica* (Medw.) Silba, 1985 and *Pinus brutia* Ten. var. *pendulifolia* Frankis, 1993; *Pinus halepensis* Mill., 1768; *Pinus pinea* L., 1753 and *Pinus radiata* D.Don, 1837 in Turkey.

Pinus armandii Franchet

Aseminae

Arhopalus rusticus rusticus (Linnaeus, 1758)
Asemum striatum (Linnaeus, 1758)

Lamiinae

Acanthocinus (*Acanthocinus*) *aedilis* (Linnaeus, 1758)
Acanthocinus (*Acanthocinus*) *griseus* (Fabricius, 1793)

Lepturinae

Rhagium (*Rhagium*) *inquisitor inquisitor* (Linnaeus, 1758)

Spondylidinae

Spondylis buprestoides (Linnaeus, 1758)

Pinus ayacahuite Ehrenberg ex Shlechtendal

Lepturinae

Rhagium (*Rhagium*) *inquisitor inquisitor* (Linnaeus, 1758)

Pinus brutia Tenore

Aseminae
Arhopalus ferus (Mulsant, 1839)
Arhopalus rusticus rusticus (Linnaeus, 1758)
Cerambycinae
Hylotrupes bajulus (Linnaeus, 1758)
Icosium tomentosum atticum Ganglbauer, 1882
Trichoferus griseus (Fabricius, 1793)
Trichoferus kotschyi Ganglbauer, 1883
Lamiinae
Acanthocinus (*Acanthocinus*) *aedilis* (Linnaeus, 1758)
Acanthocinus (*Acanthocinus*) *griseus* (Fabricius, 1793)
Monochamus (*Monochamus*) *galloprovincialis tauricola* Pic, 1912
Pogonocherus (*Pogonocherus*) *anatolicus* K. Daniel & J. Daniel, 1898
Pogonocherus (*Pogonocherus*) *hispidulus* (Piller & Mitterpacher, 1783)
Pogonocherus (*Pogonocherus*) *perroudi perroudi* Mulsant, 1839
Lepturinae
Rhagium (*Rhagium*) *inquisitor inquisitor* (Linnaeus, 1758)
Rutpela maculata maculata (Poda, 1761)
Stenurella (*Priscostenurella*) *bifasciata bifasciata* (Müller, 1776)
Stenurella (Stenurella) melanura (Linnaeus, 1758)
Stictoleptura (*Aredolpona*) *rubra rubra* (Linnaeus, 1758)
Stictoleptura (*Stictoleptura*) *cordigera cordigera* (Fueßlins, 1775)
Prioninae
Callergates gaillardoti (Chevrolat, 1854)
Ergates faber faber (Linnaeus, 1760)
Prinobius myardi atropos Chevrolat, 1854
Prionus coriarius (Linnaeus, 1758)
Rhaesus serricollis (Motschulsky, 1838)

Pinus bungeana Zuccarini

Lamiinae
Anoplophora glabripennis (Motschulsky, 1854)

Pinus canariensis C. Smith

Aseminae
Cephalocrius syriacus (Reitter, 1895)
Saphaninae
Oxypleurus nodieri Mulsant, 1839

Pinus cembra Linnaeus

Lamiinae
Monochamus (*Monochamus*) *sartor sartor* (Fabricius, 1787)

Pinus contorta Douglas ex Loudon

Aseminae
Arhopalus ferus (Mulsant, 1839)
Asemum striatum (Linnaeus, 1758)
Cerambycinae
Phymatodes (*Phymatodes*) *testaceus* (Linnaeus, 1758)
Lepturinae
Rhagium (*Rhagium*) *inquisitor inquisitor* (Linnaeus, 1758)

Pinus coulteri D. Don

Lepturinae
Rhagium (*Rhagium*) *inquisitor inquisitor* (Linnaeus, 1758)

Pinus densiflora Siebold & Zuccarini

Aseminae
Arhopalus rusticus rusticus (Linnaeus, 1758)
Asemum striatum (Linnaeus, 1758)
Lamiinae
Acanthocinus (*Acanthocinus*) *aedilis* (Linnaeus, 1758)
Pogonocherus (*Pityphilus*) *fasciculatus fasciculatus* (Degeer, 1775)
Lepturinae
Leptura (*Leptura*) *aethiops* Poda, 1761
Leptura (*Leptura*) *quadrifasciata quadrifasciata* Linnaeus, 1758
Rhagium (*Rhagium*) *inquisitor inquisitor* (Linnaeus, 1758)
Stictoleptura (*Aredolpona*) *rubra rubra* (Linnaeus, 1758)
Spondylidinae
Spondylis buprestoides (Linnaeus, 1758)

Pinus echinata Miller

Aseminae
Arhopalus ferus (Mulsant, 1839)
Lepturinae
Rhagium (*Rhagium*) *inquisitor inquisitor* (Linnaeus, 1758)

Pinus elliottii Engelmann

Aseminae
Arhopalus ferus (Mulsant, 1839)
Arhopalus rusticus rusticus (Linnaeus, 1758)
Cephalocrius syriacus (Reitter, 1895)

Pinus halepensis Miller

Aseminae
Arhopalus ferus (Mulsant, 1839)
Cephalocrius syriacus (Reitter, 1895)

Munis Entomology & Zoology
https://www.munisentzool.org/
ISSN 1306-3022
Mun. Ent. Zool. 18 (2)
(June, 2023)
© MRG

Nothorhina punctata (Fabricius, 1798)

Cerambycinae

Gracilia minuta (Fabricius, 1781)
Hylotrupes bajulus (Linnaeus, 1758)
Nathrius brevipennis (Mulsant, 1839)
Penichroa fasciata (Stephens, 1831)
Trichoferus fasciculatus fasciculatus (Faldermann, 1837)

Lamiinae

Acanthocinus (*Acanthocinus*) *griseus* (Fabricius, 1793)
Monochamus (*Monochamus*) *galloprovincialis tauricola* Pic, 1912
Pogonocherus (*Pogonocherus*) *anatolicus* K. Daniel & J. Daniel, 1898
Pogonocherus (*Pogonocherus*) *perroudi perroudi* Mulsant, 1839

Lepturinae

Stictoleptura (*Stictoleptura*) *cordigera cordigera* (Fueßlins, 1775)

Prioninae

Callergates gaillardoti (Chevrolat, 1854)
Ergates faber faber (Linnaeus, 1760)

Saphaninae

Oxypleurus nodieri Mulsant, 1839

Stenopterinae

Molorchus (*Molorchus*) *marmottani marmottani* Brisout de Barneville, 1863

Pinus inops Solander

Aseminae

Asemum striatum (Linnaeus, 1758)

Lepturinae

Rhagium (*Rhagium*) *inquisitor inquisitor* (Linnaeus, 1758)

Pinus insignis Douglas ex Loudon (= *radiata*)

Lepturinae

Rhagium (*Rhagium*) *inquisitor inquisitor* (Linnaeus, 1758)

Saphaninae

Oxypleurus nodieri Mulsant, 1839

Pinus japonica Parlatore

Lepturinae

Stictoleptura (*Aredolpona*) *rubra rubra* (Linnaeus, 1758)

Pinus jeffreyi Balfour

Aseminae

Asemum striatum (Linnaeus, 1758)

Lepturinae

Rhagium (*Rhagium*) *inquisitor inquisitor* (Linnaeus, 1758)

Pinus koraiensis Siebold & Zuccarini

Aseminae
Asemum striatum (Linnaeus, 1758)
Tetropium castaneum (Linnaeus, 1758)
Lamiinae
Acanthocinus (*Acanthocinus*) *aedilis* (Linnaeus, 1758)
Lamia textor (Linnaeus, 1758)
Lepturinae
Rhagium (*Rhagium*) *inquisitor inquisitor* (Linnaeus, 1758)

Pinus maritima W. T. Aiton

Lamiinae
Morimus orientalis Reitter, 1894

Pinus massoniana D. Don

Lamiinae
Acanthocinus (*Acanthocinus*) *griseus* (Fabricius, 1793)
Anoplophora chinensis chinensis (Forster, 1771)
Anoplophora glabripennis (Motschulsky, 1854)
Spondylidinae
Spondylis buprestoides (Linnaeus, 1758)

Pinus monticola Douglas ex D. Don

Lepturinae
Rhagium (*Rhagium*) *inquisitor inquisitor* (Linnaeus, 1758)

Pinus mugo Turra

Lamiinae
Pogonocherus (*Pityphilus*) *fasciculatus fasciculatus* (Degeer, 1775)
Lepturinae
Stictoleptura (*Aredolpona*) *rubra rubra* (Linnaeus, 1758)

Pinus muricata D. Don

Aseminae
Arhopalus ferus (Mulsant, 1839)

Pinus nigra Arnold

Aseminae
Arhopalus ferus (Mulsant, 1839)
Arhopalus rusticus rusticus (Linnaeus, 1758)
Asemum striatum (Linnaeus, 1758)
Asemum tenuicorne claricostulatum Özdikmen & Aytar, 2012
Asemum tenuicorne tenuicorne Kraatz, 1879

Nothorhina punctata (Fabricius, 1798)

Cerambycinae

Hylotrupes bajulus (Linnaeus, 1758)
Icosium tomentosum atticum Ganglbauer, 1882
Purpuricenus neocaucasicus Rapuzzi & Sama, 2013

Lamiinae

Acanthocinus (*Acanthocinus*) *aedilis* (Linnaeus, 1758)
Acanthocinus (*Acanthocinus*) *griseus* (Fabricius, 1793)
Monochamus (*Monochamus*) *galloprovincialis pistor* (Germar, 1818)
Monochamus (*Monochamus*) *galloprovincialis tauricola* Pic, 1912
Monochamus (*Monochamus*) *sartor sartor* (Fabricius, 1787)
Pogonocherus (*Pityphilus*) *decoratus* Fairmaire, 1855
Pogonocherus (*Pogonocherus*) *eugeniae eugeniae* Ganglbauer, 1891
Pogonocherus (*Pityphilus*) *fasciculatus fasciculatus* (Degeer, 1775)
Pogonocherus (*Pogonocherus*) *perroudi perroudi* Mulsant, 1839

Lepturinae

Anastrangalia sanguinolenta (Linnaeus, 1760)
Leptura (*Leptura*) *quadrifasciata quadrifasciata* Linnaeus, 1758
Rhagium (*Hagrium*) *bifasciatum* Fabricius, 1775
Rhagium (*Rhagium*) *inquisitor inquisitor* (Linnaeus, 1758)
Rutpela maculata maculata (Poda, 1761)

Prioninae

Callergates gaillardoti (Chevrolat, 1854)
Ergates faber faber (Linnaeus, 1760)
Prinobius myardi atropos Chevrolat, 1854
Rhaesus serricollis (Motschulsky, 1838)

Saphaninae

Oxypleurus nodieri Mulsant, 1839

Spondylidinae

Spondylis buprestoides (Linnaeus, 1758)

Stenopterinae

Molorchus (*Molorchus*) *marmottani marmottani* Brisout de Barneville, 1863

Pinus nigra subsp. *calabrica* (Loudon) E. Murray

Aseminae

Asemum tenuicorne tenuicorne Kraatz, 1879

Lepturinae

Rhagium (*Rhagium*) *inquisitor inquisitor* (Linnaeus, 1758)

Pinus nigra subsp. *laricio* (Poiret) Maire

Aseminae

Arhopalus ferus (Mulsant, 1839)
Asemum tenuicorne tenuicorne Kraatz, 1879
Cephalocrius syriacus (Reitter, 1895)

Cerambycinae

Hylotrupes bajulus (Linnaeus, 1758)
Obrium brunneum (Fabricius, 1793)

Lamiinae
Acanthocinus (*Acanthocinus*) *griseus* (Fabricius, 1793)
Pogonocherus (*Pityphilus*) *decoratus* Fairmaire, 1855
Pogonocherus (*Pogonocherus*) *perroudi perroudi* Mulsant, 1839
Prioninae
Ergates faber faber (Linnaeus, 1760)
Saphaninae
Oxypleurus nodieri Mulsant, 1839
Stenopterinae
Molorchus (*Molorchus*) *marmottani marmottani* Brisout de Barneville, 1863

Pinus nigra subsp. *salzmannii* (Dun.) Franco

Aseminae
Cephalocrius syriacus (Reitter, 1895)
Saphaninae
Oxypleurus nodieri Mulsant, 1839

Pinus pallasiana Lambert

Lamiinae
Leiopus (*Leiopus*) *syriacus abieticola* Sama & Rapuzzi, 2010

Pinus palustris Miller

Lepturinae
Rhagium (*Rhagium*) *inquisitor inquisitor* (Linnaeus, 1758)

Pinus parviflora Siebold & Zuccarini

Lamiinae
Anoplophora malasiaca (Thomson, 1865)
Pogonocherus (*Pityphilus*) *fasciculatus fasciculatus* (Degeer, 1775)

Pinus patula Schiede & Deppe ex Schlechtendal

Aseminae
Arhopalus ferus (Mulsant, 1839)

Pinus peuce Grisebach

Lamiinae
Acanthocinus (*Acanthocinus*) *griseus* (Fabricius, 1793)
Lepturinae
Rhagium (*Rhagium*) *inquisitor inquisitor* (Linnaeus, 1758)

Pinus pinaster Aiton

Aseminae
Arhopalus ferus (Mulsant, 1839)

Munis Entomology & Zoology
https://www.munisentzool.org/
ISSN 1306-3022
Mun. Ent. Zool. 18 (2)
(June, 2023)
© MRG

Cephalocrius syriacus (Reitter, 1895)
Lamiinae
Acanthocinus (*Acanthocinus*) *aedilis* (Linnaeus, 1758)
Acanthocinus (*Acanthocinus*) *griseus* (Fabricius, 1793)
Morimus orientalis Reitter, 1894
Prioninae
Ergates faber faber (Linnaeus, 1760)
Saphaninae
Oxypleurus nodieri Mulsant, 1839
Spondylidinae
Spondylis buprestoides (Linnaeus, 1758)

Pinus pinea Linnaeus

Aseminae
Arhopalus ferus (Mulsant, 1839)
Arhopalus rusticus rusticus (Linnaeus, 1758)
Cerambycinae
Penichroa fasciata (Stephens, 1831)
Lamiinae
Pogonocherus (*Pogonocherus*) *anatolicus* K. Daniel & J. Daniel, 1898
Lepturinae
Stictoleptura (*Aredolpona*) *rubra rubra* (Linnaeus, 1758)
Prioninae
Callergates gaillardoti (Chevrolat, 1854)
Saphaninae
Oxypleurus nodieri Mulsant, 1839

Pinus ponderosa Douglas ex Lawson & P. Lawson

Aseminae
Arhopalus ferus (Mulsant, 1839)
Asemum striatum (Linnaeus, 1758)
Lepturinae
Rhagium (*Rhagium*) *inquisitor inquisitor* (Linnaeus, 1758)

Pinus pumilio Haenkel

Lepturinae
Leptura (*Leptura*) *aethiops* Poda, 1761

Pinus radiata D. Don

Aseminae
Arhopalus ferus (Mulsant, 1839)
Cephalocrius syriacus (Reitter, 1895)
Cerambycinae
Hylotrupes bajulus (Linnaeus, 1758)
Lepturinae
Rhagium (*Rhagium*) *inquisitor inquisitor* (Linnaeus, 1758)

Saphaninae
Oxypleurus nodieri Mulsant, 1839

Pinus resinosa Aiton

Aseminae
Arhopalus ferus (Mulsant, 1839)
Asemum striatum (Linnaeus, 1758)
Lepturinae
Rhagium (*Rhagium*) *inquisitor inquisitor* (Linnaeus, 1758)

Pinus rigida Miller

Aseminae
Asemum striatum (Linnaeus, 1758)
Cerambycinae
Phymatodes (*Phymatodes*) *testaceus* (Linnaeus, 1758)
Lepturinae
Rhagium (*Rhagium*) *inquisitor inquisitor* (Linnaeus, 1758)

Pinus sabiniana Douglas ex D. Don

Lepturinae
Rhagium (*Rhagium*) *inquisitor inquisitor* (Linnaeus, 1758)

Pinus strobus Linnaeus

Aseminae
Asemum striatum (Linnaeus, 1758)
Cerambycinae
Phymatodes (*Phymatodes*) *testaceus* (Linnaeus, 1758)
Lamiinae
Acanthocinus (*Acanthocinus*) *aedilis* (Linnaeus, 1758)
Acanthocinus (*Acanthocinus*) *griseus* (Fabricius, 1793)
Monochamus (*Monochamus*) *galloprovincialis pistor* (Germar, 1818)
Pogonocherus (*Pityphilus*) *decoratus* Fairmaire, 1855
Pogonocherus (*Pityphilus*) *fasciculatus fasciculatus* (Degeer, 1775)
Lepturinae
Rhagium (*Rhagium*) *inquisitor inquisitor* (Linnaeus, 1758)

Pinus sylvestris Linnaeus

Aseminae
Arhopalus ferus (Mulsant, 1839)
Arhopalus rusticus rusticus (Linnaeus, 1758)
Asemum striatum (Linnaeus, 1758)
Cephalocrius syriacus (Reitter, 1895)
Nothorhina punctata (Fabricius, 1798)
Tetropium castaneum (Linnaeus, 1758)
Tetropium fuscum fuscum (Fabricius, 1787)

Cerambycinae
Callidium (*Callidostola*) *aeneum longipenne* Plavilstshikov, 1940
Callidium (*Callidium*) *violaceum* (Linnaeus, 1758)
Hylotrupes bajulus (Linnaeus, 1758)
Obrium brunneum (Fabricius, 1793)
Pyrrhidium sanguineum (Linnaeus, 1758)
Lamiinae
Acanthocinus (*Acanthocinus*) *aedilis* (Linnaeus, 1758)
Acanthocinus (*Acanthocinus*) *griseus* (Fabricius, 1793)
Monochamus (*Monochamus*) *galloprovincialis pistor* (Germar, 1818)
Monochamus (*Monochamus*) *galloprovincialis tauricola* Pic, 1912
Monochamus (*Monochamus*) *galloprovincialis transitivus* Lazarev, 2017
Monochamus (*Monochamus*) *sartor sartor* (Fabricius, 1787)
Morimus verecundus verecundus (Faldermann, 1836)
Pogonocherus (*Pityphilus*) *decoratus* Fairmaire, 1855
Pogonocherus (*Pityphilus*) *fasciculatus fasciculatus* (Degeer, 1775)
Pogonocherus (*Pogonocherus*) *hispidulus* (Piller & Mitterpacher, 1783)
Pogonocherus (*Pogonocherus*) *perroudi perroudi* Mulsant, 1839
Lepturinae
Anastrangalia dubia dubia (Scopoli, 1763)
Anastrangalia sanguinolenta (Linnaeus, 1760)
Etorofus (*Etorofus*) *pubescens* (Fabricius, 1787)
Euracmaeops marginatus (Fabricius, 1781)
Judolia cerambyciformis (Schrank, 1781)
Judolia sexmaculata (Linnaeus, 1758)
Leptura (*Leptura*) *aethiops* Poda, 1761
Rhagium (*Hagrium*) *bifasciatum* Fabricius, 1775
Rhagium (*Rhagium*) *inquisitor inquisitor* (Linnaeus, 1758)
Rutpela maculata maculata (Poda, 1761)
Stictoleptura (*Aredolpona*) *rubra rubra* (Linnaeus, 1758)
Stictoleptura (*Maculileptura*) *maculicornis* (Degeer, 1775)
Prioninae
Callergates gaillardoti (Chevrolat, 1854)
Ergates faber faber (Linnaeus, 1760)
Prionus coriarius (Linnaeus, 1758)
Saphaninae
Oxypleurus nodieri Mulsant, 1839
Spondylidinae
Spondylis buprestoides (Linnaeus, 1758)
Stenopterinae
Molorchus (*Caenoptera*) *minor minor* (Linnaeus, 1758)
Molorchus (*Molorchus*) *marmottani marmottani* Brisout de Barneville, 1863

Pinus tabulaeformis Hortulanorum ex C. Koch

Aseminae
Arhopalus rusticus rusticus (Linnaeus, 1758)
Asemum striatum (Linnaeus, 1758)
Tetropium castaneum (Linnaeus, 1758)

Spondylidinae
Spondylis buprestoides (Linnaeus, 1758)

Pinus taeda Linnaeus

Aseminae
Arhopalus rusticus rusticus (Linnaeus, 1758)
Cephalocrius syriacus (Reitter, 1895)

Pinus thunbergii Parlatore

Aseminae
Asemum striatum (Linnaeus, 1758)
Nothorhina punctata (Fabricius, 1798)
Lepturinae
Stictoleptura (*Aredolpona*) *rubra rubra* (Linnaeus, 1758)
Spondylidinae
Spondylis buprestoides (Linnaeus, 1758)

Pinus uncinata Miller non Ram.

Aseminae
Nothorhina punctata (Fabricius, 1798)
Lamiinae
Pogonocherus (*Pityphilus*) *fasciculatus fasciculatus* (Degeer, 1775)

Pinus yunnanensis Franchet

Lamiinae
Anoplophora glabripennis (Motschulsky, 1854)
Lepturinae
Rhagium (*Rhagium*) *inquisitor inquisitor* (Linnaeus, 1758)

Pinus sp.

Aseminae
Nothorhina punctata (Fabricius, 1798)
Tetropium castaneum (Linnaeus, 1758)
Tetropium fuscum fuscum (Fabricius, 1787)
Cerambycinae
Callidium (*Callidium*) *violaceum* (Linnaeus, 1758)
Clytus (*Clytus*) *arietis arietis* (Linnaeus, 1758)
Delagrangeus (*Delagrangeus*) *angustissimus angustissimus* Pic, 1892
Obrium brunneum (Fabricius, 1793)
Penichroa fasciata (Stephens, 1831)
Phymatodes (*Phymatodes*) *testaceus* (Linnaeus, 1758)
Ropalopus (*Ropalopus*) *femoratus* (Linnaeus, 1758)
Ropalopus (*Ropalopus*) *macropus* (Germar, 1823)
Stromatium auratum (Böber, 1793)
Xylotrechus (*Rusticoclytus*) *rusticus* (Linnaeus, 1758)

Munis Entomology & Zoology
https://www.munisentzool.org/
ISSN 1306-3022
Mun. Ent. Zool. 18 (2)
(June, 2023)
© MRG

Xylotrechus (Xylotrechus) stebbingi Gahan, 1906

Lamiinae

Deroplia troberti orientalis Özdikmen & Tezcan, 2020
Exocentrus adspersus Mulsant, 1846
Leiopus (*Leiopus*) *nebulosus nebulosus* (Linnaeus, 1758)
Morimus orientalis Reitter, 1894
Niphona picticornis Mulsant, 1839
Pogonocherus (*Pogonocherus*) *anatolicus* K. Daniel & J. Daniel, 1898
Pogonocherus (*Pityphilus*) *decoratus* Fairmaire, 1855
Pogonocherus (*Pogonocherus*) *eugeniae eugeniae* Ganglbauer, 1891

Lepturinae

Alosterna tabacicolor tabacicolor (Degeer, 1775)
Anastrangalia dubia dubia (Scopoli, 1763)
Etorofus (*Etorofus*) *pubescens* (Fabricius, 1787)
Euracmaeops marginatus (Fabricius, 1781)
Judolia cerambyciformis (Schrank, 1781)
Leptura (*Leptura*) *aurulenta* Fabricius, 1793
Oxymirus cursor (Linnaeus, 1758)
Rhagium (*Megarhagium*) *mordax* (Degeer, 1775)
Rhagium (*Rhagium*) *inquisitor inquisitor* (Linnaeus, 1758)
Rutpela manca (Schaufuß, 1863)
Stenurella (Stenurella) melanura (Linnaeus, 1758)
Stictoleptura (*Aredolpona*) *rubra rubra* (Linnaeus, 1758)
Stictoleptura (*Stictoleptura*) *cordigera cordigera* (Fueßlins, 1775)
Strangalia attenuata (Linnaeus, 1758)

Prioninae

Ergates faber faber (Linnaeus, 1760)

Spondylidinae

Spondylis buprestoides (Linnaeus, 1758)

Stenopterinae

Molorchus (*Caenoptera*) *minor minor* (Linnaeus, 1758)
Molorchus (*Molorchus*) *marmottani marmottani* Brisout de Barneville, 1863

Accordingly, a total of 84 species-group taxa of 51 genera belonging to 8 subfamilies of longicorn beetles in Turkey are determined at least from forty-four species of *Pinus*. The collective list of longicorn beetle taxa associated with the members of *Pinus* can be presented as follows.

Pinus spp.

Aseminae

Arhopalus ferus (Mulsant, 1839)
Arhopalus rusticus rusticus (Linnaeus, 1758)
Asemum striatum (Linnaeus, 1758)
Asemum tenuicorne claricostulatum Özdikmen & Aytar, 2012
Asemum tenuicorne tenuicorne Kraatz, 1879
Cephalocrius syriacus (Reitter, 1895)
Nothorhina punctata (Fabricius, 1798)
Tetropium castaneum (Linnaeus, 1758)
Tetropium fuscum fuscum (Fabricius, 1787)

Cerambycinae

Callidium (*Callidostola*) *aeneum longipenne* Plavilstshikov, 1940
Callidium (*Callidium*) *violaceum* (Linnaeus, 1758)
Clytus (*Clytus*) *arietis arietis* (Linnaeus, 1758)
Delagrangeus (*Delagrangeus*) *angustissimus angustissimus* Pic, 1892
Gracilia minuta (Fabricius, 1781)
Hylotrupes bajulus (Linnaeus, 1758)
Icosium tomentosum atticum Ganglbauer, 1882
Nathrius brevipennis (Mulsant, 1839)
Obrium brunneum (Fabricius, 1793)
Penichroa fasciata (Stephens, 1831)
Phymatodes (*Phymatodes*) *testaceus* (Linnaeus, 1758)
Purpuricenus neocaucasicus Rapuzzi & Sama, 2013
Pyrrhidium sanguineum (Linnaeus, 1758)
Ropalopus (*Ropalopus*) *femoratus* (Linnaeus, 1758)
Ropalopus (*Ropalopus*) *macropus* (Germar, 1823)
Stromatium auratum (Böber, 1793)
Trichoferus fasciculatus fasciculatus (Faldermann, 1837)
Trichoferus griseus (Fabricius, 1793)
Trichoferus kotschyi Ganglbauer, 1883
Xylotrechus (*Rusticoclytus*) *rusticus* (Linnaeus, 1758)
Xylotrechus (Xylotrechus) stebbingi Gahan, 1906

Lamiinae

Acanthocinus (*Acanthocinus*) *aedilis* (Linnaeus, 1758)
Acanthocinus (*Acanthocinus*) *griseus* (Fabricius, 1793)
Anoplophora chinensis chinensis (Forster, 1771)
Anoplophora glabripennis (Motschulsky, 1854)
Anoplophora malasiaca (Thomson, 1865)
Deroplia troberti orientalis Özdikmen & Tezcan, 2020
Exocentrus adspersus Mulsant, 1846
Lamia textor (Linnaeus, 1758)
Leiopus (*Leiopus*) *nebulosus nebulosus* (Linnaeus, 1758)
Leiopus (*Leiopus*) *syriacus abieticola* Sama & Rapuzzi, 2010
Monochamus (*Monochamus*) *galloprovincialis pistor* (Germar, 1818)
Monochamus (*Monochamus*) *galloprovincialis tauricola* Pic, 1912
Monochamus (*Monochamus*) *galloprovincialis transitivus* Lazarev, 2017
Monochamus (*Monochamus*) *sartor sartor* (Fabricius, 1787)
Morimus orientalis Reitter, 1894
Morimus verecundus verecundus (Faldermann, 1836)
Niphona picticornis Mulsant, 1839
Pogonocherus (*Pityphilus*) *decoratus* Fairmaire, 1855
Pogonocherus (*Pityphilus*) *fasciculatus fasciculatus* (Degeer, 1775)
Pogonocherus (*Pogonocherus*) *anatolicus* K. Daniel & J. Daniel, 1898
Pogonocherus (*Pogonocherus*) *eugeniae eugeniae* Ganglbauer, 1891
Pogonocherus (*Pogonocherus*) *hispidulus* (Piller & Mitterpacher, 1783)
Pogonocherus (*Pogonocherus*) *perroudi perroudi* Mulsant, 1839

Lepturinae

Alosterna tabacicolor tabacicolor (Degeer, 1775)
Anastrangalia dubia dubia (Scopoli, 1763)
Anastrangalia sanguinolenta (Linnaeus, 1760)

Munis Entomology & Zoology
https://www.munisentzool.org/
ISSN 1306-3022
Mun. Ent. Zool. 18 (2)
(June, 2023)
© MRG

Etorofus (*Etorofus*) *pubescens* (Fabricius, 1787)
Euracmaeops marginatus (Fabricius, 1781)
Judolia cerambyciformis (Schrank, 1781)
Judolia sexmaculata (Linnaeus, 1758)
Leptura (*Leptura*) *aethiops* Poda, 1761
Leptura (*Leptura*) *aurulenta* Fabricius, 1793
Leptura (*Leptura*) *quadrifasciata quadrifasciata* Linnaeus, 1758
Oxymirus cursor (Linnaeus, 1758)
Rhagium (*Hagrium*) *bifasciatum* Fabricius, 1775
Rhagium (*Megarhagium*) *mordax* (Degeer, 1775)
Rhagium (*Rhagium*) *inquisitor inquisitor* (Linnaeus, 1758)
Rutpela maculata maculata (Poda, 1761)
Rutpela manca (Schaufuß, 1863)
Stenurella (*Priscostenurella*) *bifasciata bifasciata* (Müller, 1776)
Stenurella (Stenurella) melanura (Linnaeus, 1758)
Stictoleptura (*Aredolpona*) *rubra rubra* (Linnaeus, 1758)
Stictoleptura (*Maculileptura*) *maculicornis* (Degeer, 1775)
Stictoleptura (*Stictoleptura*) *cordigera cordigera* (Fueßlins, 1775)
Strangalia attenuata (Linnaeus, 1758)

Prioninae

Callergates gaillardoti (Chevrolat, 1854)
Ergates faber faber (Linnaeus, 1760)
Prinobius myardi atropos Chevrolat, 1854
Prionus coriarius (Linnaeus, 1758)
Rhaesus serricollis (Motschulsky, 1838)

Saphaninae

Oxypleurus nodieri Mulsant, 1839

Spondylidinae

Spondylis buprestoides (Linnaeus, 1758)

Stenopterinae

Molorchus (*Caenoptera*) *minor minor* (Linnaeus, 1758)
Molorchus (*Molorchus*) *marmottani marmottani* Brisout de Barneville, 1863

CONCLUSIONS

As a result, as seen in the list presented below, the members of Pinales and therefore Pinaceae family are preferred by a total of 109 species or species-group taxa (of 65 genera in 9 subfamilies) of longicorn beetles of Turkey. This figure includes 10.59% of the total longicorn beetle fauna of Turkey, while the members (fourteen species of six genera of one family) of Pinales order comprises of approximately 60% of the total forest area in Turkey. According to the present study, longicorn beetle taxa have been determined for all members of Pinaceae family in Turkey. This situation is in agreement with the mentioned result.

Among the most preferred genera by longicorn beetles, *Pinus* with 84 species-group taxa are strikingly prevailing, *Abies* with 60 species-group taxa and *Picea* with 54 species-group taxa follow *Pinus*. Then, *Larix* with 25 species-group taxa, *Pseudotsuga* with 18 species-group taxa and *Cedrus* with 12 species-group taxa are remarkable genera. This result is in agreement with their number of species of these genera associated with longicorn beetle species-group taxa in Turkey. From this perspective, *Pinus* with 44 species is also strikingly prevailing, *Abies* with 20

species and *Picea* with 14 species follow *Pinus*. Then, *Larix* with 9 species is remarkable genus. Also, the genera with the least number of species are *Cedrus* with 3 species and *Pseudotsuga* with only one species.

Besides, among the longicorn beetles associated with the members of Pinaceae family, only nine species or species-group taxa as *Asemum tenuicorne claricostulatum* Özdikmen & Aytar, 2012 (Aseminae subfamily), *Delagrangeus* (*D.*) *angustissimus angustissimus* Pic, 1892, *Hybometopia starcki ivani* Sama, 1996, *Isotomus comptus syriacus* (Pic, 1902), *Purpuricenus neocaucasicus* Rapuzzi & Sama, 2013 (Cerambycinae subfamily), *Deroplia troberti orientalis* Özdikmen & Tezcan, 2020, *Leiopus* (*L.*) *syriacus abieticola* Sama & Rapuzzi, 2010 (Lamiinae subfamily), *Xylosteus kadleci* Miroshnikov, 2000 (Lepturinae subfamily), and *Molorchus* (*M.*) *tenuitarsis* Holzschuh, 1981 (Stenopterinae subfamily) are endemics to Turkey.

The present study is the first to determine longicorn beetle species or species-group taxa associated with the members of Pinales and therefore Pinaceae family in Turkey.

A list of longicorn beetles associated with the members of Pinales order in Turkey

PINACEAE

Aseminae

***Arhopalus ferus* (Mulsant, 1839)**
E: AL AU BE BH BU BY CR CT CZ DE EN FR GB GE GR HU IR IT LA LT LU MA MC MD NL NT PL PT RO SK SL SP ST SV SZ UK **N:** AG MO MR TU **A:** AB AR ES CY FE GG IS JO KZ LE NO NE SY TR WS **AUSi**

***Arhopalus rusticus rusticus* (Linnaeus, 1758)**
E: AL AU BE BH BU BY CR CT CZ DE EN FI FR GB GE GR HU IR IT LA LS LT LU MC MD NL NR NT PL RO SK SL SP ST SV SZ TR UK **N:** MO **A:** AB AR ES FE FUJ GAN GG GUI HAI HEB HEI HUB IN JA JIL JIX KZ LIA MG NMO NC SC SCH SHA SHN TD TR WS YUN ZHE **AUSi NTRi**

***Asemum striatum* (Linnaeus, 1758)**
E: AL AU BE BH BU BY CR CT CZ DE EN FI FR GB GE GR HU IR IT LA LS LT LU MD NL NR NT PL RO SK SL SP ST SV SZ UK **A:** AB AR BEI ES FE GAN GG HEB HEI HUB JIL KI KZ LIA MG NC NIN NMO QIN SC SCH SHA SHN SHX WS TIA TR XIN YUN ZHE **NAR NTR**

***Asemum tenuicorne claricostulatum* Özdikmen & Aytar, 2012**
A: TR

***Asemum tenuicorne tenuicorne* Kraatz, 1879**
E: GR IT PL SP ST SV (Gotska Sandön) UK **A:** ?GG ?TR

***Cephalocrius syriacus* (Reitter, 1895)**
E: AL AZ CR FR GR IT PT SP **N:** AG CI MO MR TU **A:** CY IS JO LE SY TR **AUSi NTRi**

***Nothorhina punctata* (Fabricius, 1798)**
E: AL AU BH BY BU CR CT CZ EN FI FR GE GR IT LA LT NR NT PL PT SK SP ST SV UK **A:** JA KZ SK TR WS

***Tetropium castaneum* (Linnaeus, 1758)**
E: AL AU BE BH BU BY CR CT CZ DE EN FI FR GB GE GR HU IR IT LA LS LT LU MD ME NL NR NT PL RO SB SK SL SP ST SV SZ UK **A:** AB AR ES FE FUJ GAN GG HEB HEI JA JIL KZ MG NC NIN NMO QIN SC SHA SHX TR WS XIN YUN ZHE

***Tetropium fuscum fuscum* (Fabricius, 1787)**
E: AU BE BH BU BY CR CT CZ DE EN FI FR GB GE HU IT LA LS LT MD NL NR NT PL RO SB SK SL ST SV SZ UK **A:** GG KZ TR WS XIN **NAR**

Munis Entomology & Zoology
https://www.munisentzool.org/
ISSN 1306-3022

Mun. Ent. Zool. 18 (2)
(June, 2023)
© MRG

Cerambycinae

***Axinopalpis gracilis gracilis* (Krynicki, 1832)**
E: AL AU BH BU CR CT CR CZ GE GR HU IT MC MD ME PL RO SB SK SL ST UK **A:** GG IS SY TR

***Callidium* (*Callidium*) *syriacum* Pic, 1892**
A: SY TR

***Callidium* (*Callidium*) *violaceum* (Linnaeus, 1758)**
E: AL AU BE BH BU BY CR CT CZ DE EN FI FR GB GE HU IR IT LA LS LT LU MD ME NL NR NT PL RO SB SK SL SP ST SV SZ UK **A:** AB AR ES FE GG HEI JA JIL LIA KZ MG NC NMO TR WS XIN

***Callidium* (*Callidostola*) *aeneum longipenne* Plavilstshikov, 1940**
E: ST **A:** AB GG TR

***Clytus* (*Clytus*) *arietis arietis* (Linnaeus, 1758)**
E: AL AU BE BH BU BY CR CT CZ DE EN FI FR GB GE GR HU IR IT LA LS LT LU MC MD ME NL NR NT PL PT RO SB SK SL SP ST SV SZ TR UK **N:** MR **A:** TR

***Delagrangeus* (*Delagrangeus*) *angustissimus angustissimus* Pic, 1892**
A: TR

***Gracilia minuta* (Fabricius, 1781)**
E: AL AU AZ BE BH BU CR CT CZ DE ?EN FI FR GB GE GR HU IR IT KZ ?LA LT LU MA MD ME NL NT NR PL PT RO SB SK SL SP ST SV ?SZ TR UK **N:** AG CI EG MO MR TU **A:** AB AR GG GUI HEN IN NE NO NW SHA TR WS **AURi NARi NTRi ORR**

***Hybometopia starcki ivani* Sama, 1996**
A: TR

***Hybometopia starcki starcki* Ganglbauer, 1889**
E: ST **A:** GG TR

***Hylotrupes bajulus* (Linnaeus, 1758)**
E: AL AU BE BU BH BY CR CT CZ DE EN FI FR GB GE GR HU IR IT LA LS LT LU MA MC MD ME NL NR NT PL PT RO SB SK SP ST SV SV SZ TR UK **N:** AG CI EG LB MO MR TU **A:** AB AR CY GG IQ IS JO JIA LE SHG SY TR WS **AFR AUR NAR NTR ORR**

***Icosium tomentosum atticum* Ganglbauer, 1882**
E: BH BU CR CY FRi GR IT MA **A:** AB CY JO IS LE SY TR

***Isotomus comptus syriacus* (Pic, 1902)**
A: TR

***Isotomus speciosus speciosus* (Schneider, 1787)**
E: AL AU BU CR CZ GE GR HU MD PL RO SB SK SL SK ST UK **A:** ?AB ?AR ?GG TR

***Lioderina linearis* (Hampe, 1871)**
E: AU BH BU CR GR HU MC SK **A:** TR

***Nathrius brevipennis* (Mulsant, 1839)**
E: AU AZ BE BH BU CR CZ DEi FIi GB GE HU IR IT MA MC MD ME NL NRi PL PT RO SB SK ST SL SP SVi ?SZ TR UK **N:** AG EG LB MO TU **A:** AB AR GG IN IS KZ LE SHX SY TR NARi NTRi

***Obrium brunneum* (Fabricius, 1793)**
E: AL AU BE BH BU BY CR CT CZ DE EN FR GB GE GR HU IR IT LA LS LT LU MD NL NT PL RO SB SK SL SP ST SV SZ UK **A:** AB AR GG TR

***Penichroa fasciata* (Stephens, 1831)**
E: AL BH BU CR FR GR IT MA MC ME PT SB SL SP ST TR UK **N:** AG LB MO TU **A:** AB AR CY GG IN IS SY TR

***Phymatodes* (*Phymatodes*) *testaceus* (Linnaeus, 1758)**
E: AL AU BE BH BU BY CR CT CZ DE EN FI FR GB GE GR HU IR IT LA LS LT LU MC MD ME NL NR NT PL PT RO SB SK SL SP ST SV SZ TR UK **N:** AG MO MR TU **A:** AB AR CY FE GG IQ IS JA KZ LE ?NC TR SC SY WS **NAR**

***Purpuricenus neocaucasicus* Rapuzzi & Sama, 2013**
A: TR

***Pyrrhidium sanguineum* (Linnaeus, 1758)**
E: AL AU BE BH BU BY CR CT CZ DE ?EN FI FR GB GE GR HU IR IT ?LA LS LT LU MD ME NL NR NT PL PT RO SB SK SL SP ST SV SZ TR UK **N:** AG TU **A:** AB AR GG IN SY TR

***Rhaphuma gracilipes* (Faldermann, 1835)**
E: BY CT ?LT NT PL ?RO ST ?UK **A:** BEI ES FE HEI JIL KZ MG NC NMO SC TR WS

***Ropalopus* (*Ropalopus*) *clavipes* (Fabricius, 1775)**
E: AL AU BE BH BU BY CR CT CZ DE FR GE GR HU IT LA LT LU MA MC MD ME NL NT PL RO SB SK SL SP ST SZ TR UK **A:** AB AR GG FE IN KZ IQ TR WS

***Ropalopus* (*Ropalopus*) *femoratus* (Linnaeus, 1758)**
E: AU BE BH BU BY CR CT CZ FR GE HU IT LA ?LT LU MD PL RO SK SL SP ST SV SZ TR UK

***Ropalopus* (*Ropalopus*) *macropus* (Germar, 1823)**
E: AU BH BU BY CR CT CZ GE HU LA LT MD PL RO SB SK SL ST ?SZ TR UK **A:** AB AR GG IN TR

***Semanotus russicus russicus* (Fabricius, 1776)**
E: AL AU BU CR CZ GB GR HU IT RO SB SK ST UK **A:** AB AR GG JO LE SY TR

***Stromatium auratum* (Böber, 1793)**
E: AL BH BU CR FR GR HU IT MA MC ME PT RO SB SP ST TR UK **N:** AG MO TU LB **A:** AB AR CY GG IN IQ IS JO LE SY TM TR

***Trichoferus fasciculatus fasciculatus* (Faldermann, 1837)**
E: AL BU CR FR GR IT MA ME PT RO SB SP UK **N:** AG EG LB MO TU **A:** AB AR CY GG IN IQ IS JO LE SY TR

***Trichoferus griseus* (Fabricius, 1793)**
E: AL BH BU CR FR GR IT MA ME PT RO SB SP ?ST TR UK **N:** AG EG LB MO TU **A:** CY ?GG IQ IS JO LE SY TR

***Trichoferus kotschyi* Ganglbauer, 1883**
E: GR (Samos) **A:** LE SY TR

***Xylotrechus* (*Rusticoclytus*) *rusticus* (Linnaeus, 1758)**
E: AL AU BE BH BU BY CR CT CZ DE EN FI FR GE GR HU IT LA LT LU MC MD ME NR NT PL PT RO SB SK SL SP ST SV SZ UK **N:** AG MO **A:** AB AR ES FE GG HEI JIA JIL IN KZ LIA MG NC NMO SC TD TM TR WS XIN

***Xylotrechus* (*Xylotrechus*) *stebbingi* Gahan, 1906**
Ei: ALi BUi CRi FRi GEi GRi ITi PTi SLi SPi SZi **N:** TUi **A:** AF BT ISi LEi NP PA SD SYi TAI TD TRi UP XIN XIZ **ORR**

Lamiinae

***Acanthocinus* (*Acanthocinus*) *aedilis* (Linnaeus, 1758)**
E: AL AN AU BE BH BU BY CR CT CZ DE EN FI FR GB GE GR HU IR IT LA LS LT LU MC MD ME NL NR NT PL PT RO SB SK SL SP ST SV SZ TR UK **A:** AB AR ES FE GG HEI HEN HUB JIL JIX KZ MG NC NMO SHA SC SHN TR WS

***Acanthocinus* (*Acanthocinus*) *griseus* (Fabricius, 1793)**
E: AL AN AU BE BU BY CR CT CZ EN FI FR GE GR HU IT NT LA LS LT MC MD ME ND NR PL PT RO SB SK SL SP ST SV SZ TR UK **A:** ?AB ?AR CY ES ?FUJ ?GAN ?GG ?GUA ?GUI ?GUX ?HEB ?HEI ?HEN ?HUB ?JIL ?JIX KZ LE ?LIA MG ?NMO ?SHA SY TR WS ?XIN ?ZHE

***Aegomorphus clavipes* (Schrank, 1781)**
E: AL AU BH BU CR CT CZ DE EN FI FR GE GR HU IT LA LT MD ME NR NT PL RO SB SK SL SP ST SV SZ TR UK **N:** AG MO TU **A:** AB AR ES FE GG HEB KZ JA MG NC NE TR WS XIN

***Anoplophora chinensis chinensis* (Forster, 1771)**
Ei: AU CR FR GE IT NL TR **A:** ANH FUJ GAN GUA GUI GUX HAI HEB HEN HKG HUB HUN JIA JIL JIX LIA SC SCH SHA SHN SHX TAI TRi YUN ZHE **ORR**

***Anoplophora glabripennis* (Motschulsky, 1854)**
Ei: AU CZ FI FR GB GE IT ME NL SK SZ TR **A:** ANH FE FUJ GAN GUI GUX HEB HEI HEN HUB HUN JIA JIL JIX LIA ?NC NIN NMO SC SCH SHA SHN SHX TRi XIZ YUN ZHE **AURi NARi ORRi**

***Anoplophora malasiaca* (Thomson, 1865)**
Ei: AU CR CZ GE IT NL **A:** CH JA NC SC TRi

***Deroplia troberti orientalis* Özdikmen & Tezcan, 2020**
A: TR

***Exocentrus adspersus* Mulsant, 1846**
E: AL AU BE BH BU CR CZ CY GE GR HU IT LU MC MD ME NL PL RO SB SK SL SP ST SV SZ TR UK **A:** AB AR GG SY TR

***Exocentrus punctipennis punctipennis* Mulsant & Guillebeau, 1856**
E: AL AU BH BU BY CR CT CZ FR GE GR HU IT LU MD PL RO SK SL SP ST SZ ?TR UK

Munis Entomology & Zoology
https://www.munisentzool.org/
ISSN 1306-3022

Mun. Ent. Zool. 18 (2)
(June, 2023)
© MRG

***Lamia textor* (Linnaeus, 1758)**
E: AL AU BE BH BU BY CR CT CZ DE EN FI FR GB GE GR HU IR IT LA LT LU MC MD ME NL NR NT PL RO SB SK SL SP ST SV SZ TR UK **A:** AB AR ES FE GG HEB HEI JA JIL KZ MG NC NMO SC SHN TR WS XIN

***Leiopus* (*Leiopus*) *nebulosus nebulosus* (Linnaeus, 1758)**
E: ?AL ?AU BE BH BU ?CR CT[Kaliningrad] DE EN FI FR GB GE ?GR ?HU IR IT LA LS LU ?MD ?ME NL NR PL ?PT RO ?SB SL ?SP SV SZ TR UK **A:** ?KZ

***Leiopus* (*Leiopus*) *syriacus abieticola* Sama & Rapuzzi, 2010**
A: TR

***Mesosa* (*Aplocnemia*) *nebulosa nebulosa* (Fabricius, 1781)**
E: AL AU BE BH BU BY CR CT CZ DE FR GB GE GR HU IR IT SL LU MD ME NL NR PL PT RO SB SK SL SP ST SV SZ TR UK **A:** AB AR GG TR

***Mesosa* (*Mesosa*) *curculionoides* (Linnaeus, 1760)**
E: AL AU BH BU BY CR CT CZ FR GE GR HU IT ?LA LT MC MD ME NR PL PT RO SB SK SL SP ST SV SZ TR UK **A:** AB AR GG IN TR

***Monochamus* (*Monochamus*) *galloprovincialis pistor* (Germar, 1818)**
E: AL AU BH BU BY CR CT CZ DE EN FI FR GE GR HU IT LA LT MC MD ME NL NT PL RO SB SK SL ST SV SZ TR UK **A:** KI KZ WS

***Monochamus* (*Monochamus*) *galloprovincialis tauricola* Pic, 1912**
A: JO SY TR

***Monochamus* (*Monochamus*) *galloprovincialis transitivus* Lazarev, 2017**
A: AB AR GG ST TR

***Monochamus* (*Monochamus*) *sartor sartor* (Fabricius, 1787)**
E: AU BH BU BY CR CZ FR GB GE HU IT LS PL RO SK SL SZ UK **A:** TR

***Morimus orientalis* Reitter, 1894**
E: BU TR **A:** TR

***Morimus verecundus verecundus* (Faldermann, 1836)**
E: ST UK (Crimea) **A:** AB AR GG IN TM TR

***Niphona* (*Niphona*) *picticornis* Mulsant, 1839**
E: AL BH BU CR FR GR IT MA ME SP **N:** AG MO TU **A:** CY IS JO LE SY TR

***Parmena pontocircassica* Danilevsky & Miroshnikov, 1985**
E: ST UK (Crimea) **A:** AB AR GG TR

***Parmena striatopunctata* Sama, 1994**
A: GG TR

***Parmenopsis caucasica* (Leder, 1879)**
E: ST **A:** GG TR

***Pogonocherus* (*Pityphilus*) *decoratus* Fairmaire, 1855**
E: AL AU BE BH BU BY CR CT CZ DE EN FR FI GE GR HU IT LA LT MD ME NL NR NT PL SB SK SL SP ST SV SZ TR UK **A:** TR WS

***Pogonocherus* (*Pityphilus*) *fasciculatus fasciculatus* (Degeer, 1775)**
E: AL AU BE BU BY CR CT CZ DE EN FI FR GB GE GR HU IR IT KZ LA LS LT LU MA MC MD ME NL NR NT PL RO SB SK SL SP ST SV SZ UK **N:** MR **A:** AB AR ES FE GG HEI KZ MG ?NC NE SC TR WS XIZ

***Pogonocherus* (*Pityphilus*) *inermicollis* Reitter, 1894**
E: ST **A:** GG TR

***Pogonocherus* (*Pogonocherus*) *anatolicus* K. Daniel & J. Daniel, 1898**
E: GR (Rodos) **A:** CY LE SY TR

***Pogonocherus* (*Pogonocherus*) *eugeniae eugeniae* Ganglbauer, 1891**
E: AL AU BH CR CZ GR IT RO TR **A:** ?TR

***Pogonocherus* (*Pogonocherus*) *hispidulus* (Piller & Mitterpacher, 1783)**
E: AL AU BE BH BU BY CR CT CZ EN FR GR HU IR IT LA LS LT LU MC MD ME NL NT PL PT RO SB SK SL SP ST SZ UK **A:** AB AR GG KZ TR

***Pogonocherus* (*Pogonocherus*) *perroudi perroudi* Mulsant, 1839**
E: AL BH BU CR FR GR IT SP ST TR UK **N:** AG EG MO TU **A:** GG CY IS LE TR

***Saperda* (*Lopezcolonia*) *scalaris scalaris* (Linnaeus, 1758)**
E: AL AU BE BH BU BY CR CT CZ DE EN FI FR GB GE GR HU IR IT LA LT LU MD ME NE NL NR NT PL RO SB SK SP ST SV SZ TR UK **N:** AG **A:** AB AR GG KZ TR

Lepturinae

***Alosterna tabacicolor tabacicolor* (Degeer, 1775)**
E: AL AU BE BH BU BY CR CT CZ DE EN FI FR GB GE GR HU IR IT KZ LA LS LT LU MC MD ME NE NL NR NT PL RO SB SK SL SP ST SV SZ TR UK **A:** KZ TR WS

***Anastrangalia dubia dubia* (Scopoli, 1763)**
E: AL AN AU BH BU ?BY CR CZ FR GE GR HU IT LS LT MC ME PL RO SB SK SL SP SZ UK **N:** AG **A:** TR

***Anastrangalia sanguinolenta* (Linnaeus, 1760)**
E: AL AU BH BU BY CR CT CZ DE EN FI FR GB GE GR HU IR IT LA LS LT MC MD ME NL NR NT PL RO SB SK SL SP ST SV SZ UK **A:** AB AR GG KZ TR WS **NTRi**

***Etorofus* (*Etorofus*) *pubescens* (Fabricius, 1787)**
E: AL AU BH BU BY CR CT CZ DE EN FI FR GE GR IT LA LT MC ME NR NT PL RO SB SK SL SP ST SV SZ UK **A:** ?GG TR

***Euracmaeops marginatus* (Fabricius, 1781)**
E: AU BH BY CR CT CZ EN FI FR GE GR HU IT LA ?LT ME NL NR NT PL ?SB SK SL SP ST SV SZ UK **A:** ES FE GAN KZ MG NMO TR WS

***Grammoptera* (*Grammoptera*) *ruficornis ruficornis* (Fabricius, 1781)**
E: AL AU BE BH BU BY CR CT CZ DE EN FR GB GE GR HU IR IT LA LS LT MC MD ME NL NR PL PT RO SB SK SL SP ST SV SZ TR UK **A:** TR

***Judolia cerambyciformis* (Schrank, 1781)**
E: AL AU BE BH BU BY CR CT CZ DE ?EN FR GB GE GR HU IR IT LA LS LT LU MC MD ME NL NT PL PT RO SB SK SL SP ST SZ TR UK **A:** TR

***Judolia sexmaculata* (Linnaeus, 1758)**
E: AN AU BY CT CZ EN FI FR GB GE GR HU IR IT LA LT NR NT PL RO SK SP ST SV SZ UK **A:** KZ TR

***Leptura* (*Leptura*) *aethiops* Poda, 1761**
E: AL AU BE BH BY CH CT CZ DE EN FR GE GR HU IT LA LS LT LU MD NL NT PL RO SB SK SL SP ST SZ TR UK **A:** ?AR ?AB ES FE FUJ ?GG GUX HEB HEI JA JIL JIX KZ MG NC QIN SC SHA TR WS YUN

***Leptura* (*Leptura*) *aurulenta* Fabricius, 1793**
E: AL AN AU BE BH ?BY BU CR CT CZ FR GE GB GR IR HU IT LU MC MD ME PL PT RO SB SK SL SP ST SZ TR UK **N:** AG TU **A:** TR

***Leptura* (*Leptura*) *quadrifasciata quadrifasciata* Linnaeus, 1758**
E: AL AN AU BE BH BU BY CR CT CZ DE EN FI FR GB GE GR HU IR IT LA LS LT LU MD ME NL NR NT PL RO SB SK SL SP ST SV SZ TR UK **A:** ES FE JA KO KZ MG QIN SCH SHA WS XIN

***Oxymirus cursor* (Linnaeus, 1758)**
E: AL AN AU BE BH BU BY CR CT CZ DE EN FI FR GE GR HU IT LA LS LT LU MC MD NL NR NT PL RO SB SK SL SP ST SV SZ UK **A:** TR WS

***Rhagium* (*Hagrium*) *bifasciatum* Fabricius, 1775**
E: AL AU BE BH BU ?BY CR CT CZ DE EN FI FR GB GE GR HU IR IT ?LA LS ?LT LU MC MD ME NL NR PL PT RO SB SK SL SP ST SZ TR UK **A:** AB AR GG IN TR

***Rhagium* (*Megarhagium*) *mordax* (Degeer, 1775)**
E: AL AU BE BH BU BY CR CT CZ DE EN FI FR GB GE GR HU IR IT LA LT LU LS MC MD ME NL NR NT PL RO SB SK SL SP ST SV SZ ?TR UK **A:** ES KZ TM TR WS

***Rhagium* (*Rhagium*) *inquisitor inquisitor* (Linnaeus, 1758)**
E: AL AU BE BH BU BY CR CT CZ DE EN FI FR GB GE GR HU IR IT LA LS LT MD ME NE NL NR NT PL PT RO SB SK SL SP ST SV SZ TR UK **A:** ES KZ MG TR WS

***Rutpela maculata maculata* (Poda, 1761)**
E: AL AU BE BH BU BY CR CT CZ DE EN FI FR GB GE GR HU IR IT LA ?LT LU MC MD ME NL NR NT PL RO SB SK SL ST SV SZ TR UK **A:** KZ TR

***Rutpela manca* (Schaufuß, 1863)**
E: BU FR IT PT SP ST TR UK **A:** AB AR GG IN TR SY

***Stenurella* (*Priscostenurella*) *bifasciata bifasciata* (Müller, 1776)**
E: AU BE BH BY CR CT CZ EN FR GE HU IT LA LS LT LU MD ME NL NT PL PT RO SB SK SL SP ST SZ TR UK **A:** AB AR ES GG IN IQ KZ TR WS XIN

***Stenurella (Stenurella) melanura* (Linnaeus, 1758)**
E: AL AU BE BH BU BY CR CT CZ DE EN FI FR GB GE GR HU IR IT LA LS LT LU MC MD ME NL NT NR PL PT RO SB SK SL SP ST SV SZ TR UK **A:** ?GG ?AR ?AB ES FE JA KZ MG TR WS XIN

***Stictoleptura* (*Aredolpona*) *rubra rubra* (Linnaeus, 1758)**
E: AL AU BE BH BU BY CR CT CZ DE EN FI FR GB GE GR HU IR IT LA LS LT LU MD ME NL NR NT PL PT RO SB SK SL SP ST SV SZ TR UK **A:** ES KZ TR WS

Munis Entomology & Zoology
https://www.munisentzool.org/
ISSN 1306-3022

Mun. Ent. Zool. 18 (2)
(June, 2023)
© MRG

***Stictoleptura* (*Maculileptura*) *maculicornis* (Degeer, 1775)**
E: AL AU BE BH BU BY CR CT CZ EN FI FR GE GR HU IT LA LT LU MC MD NR NT PL RO SB SK SL ST SV SZ TR UK **A:** ?GG

***Stictoleptura* (*Melanoleptura*) *scutellata* (Fabricius, 1781)**
E: AL AU BE BH BU BY CR CT CZ DE FR GB GE GR HU IR IT LA LU MC MD ME PL PT RO SB SK SL SP ST SV SZ TR UK

***Stictoleptura* (*Stictoleptura*) *cordigera cordigera* (Fueßlins, 1775)**
E: BE BU DE FR GB GE GR (north-east) IT NL RO SP SZ RO ST TR UK **N:** LB **A:** AB AR CY GG IN IQ IS LE SY TR

***Strangalia attenuata* (Linnaeus, 1758)**
E: AL AU BE BH BU BY CR CT CZ DE EN FI FR GE HU IR IT LA LS LT LU MC MD NL NR NT NE PL RO SK SL SP ST SV SZ TR UK **A:** AB AR ES FE HEB GG JA JIX KZ MG NC NE SC SW TR WS XIN

***Xylosteus kadleci* Miroshnikov, 2000**
A: TR

***Xylosteus spinolae* Frivaldszky, 1837**
E: AU BH BU CR IT MC RO SL TR

Necydalinae

***Necydalis* (*Necydalis*) *major* Linnaeus, 1758**
E: AL AU BE BH BU BY CR CT CZ DE EN FI FR GE GR HU IT LA LT LU MD ME NL NR NT PL RO SB SK SP ST SV SZ TR UK **A:** AB GG ES FE ?IN JA KZ MG NC SHA TR WS XIN

Prioninae

***Callergates gaillardoti* (Chevrolat, 1854)**
E: GR (Rodos, Samos, Lesbos) **N:** EGi **A:** CY LE SY TR

***Ergates faber faber* (Linnaeus, 1760)**
E: AL AN AU BE BH BU BY CR CT CZ FR GBi GE GR HU IT LA LT ME NL PL PT SB SK SL SP ST SV SZ TR UK **N:** MO **A:** AR ?AB GG IQ SY TR

***Prinobius myardi atropos* Chevrolat, 1854**
A: CY IS JO LE SY TR

***Prionus coriarius* (Linnaeus, 1758)**
E: AL AU BE BH BU BY CR CT CZ DE EN FI FR GB GE GR HU IR IT KZ LA LS LT LU MD ME NL NR NT PL PT RO SB SK SL SP ST SV SZ TR UK **N:** AG MO TU **A:** AB AR GG IN KZ SY TR WS

***Rhaesus serricollis* (Motschulsky, 1838)**
E: AL BU GR MC ME ST TR **N:** EGi **A:** AB AR CY GG IN IS LE SY TR

Saphaninae

***Oxypleurus nodieri* Mulsant, 1839**
E: CR BH FR GR IT PT SP UK **N:** AG CI MO MR TU **A:** GG IS LE TR

Spondylidinae

***Spondylis buprestoides* (Linnaeus, 1758)**
E: AL AU BE BH BU BY CR CT CZ DE EN FI FR GB GE GR HU IT LA LT LU MC MD ME NL NR NT PL PT RO SB SK ST SL SP SV SZ UK **N:** MO **A:** AB ANH AR ES FE FUJ GG GUA GUI HAI HEB HEI HEN HKG HUB JA JIA JIX KZ MG NMO NC SC SCH SHA TAI TR WS YUN ZHE

Stenopterinae

***Molorchus* (*Caenoptera*) *minor minor* (Linnaeus, 1758)**
E: AL AU BE BH BU BY CR CT CZ DE EN FI FR GB GE GR HU IR IT LA LS LT LU MD ME NL NR NT PL RO SB SK SL SP ST SV SZ UK **A:** BEI ES FE GAN GG HEI LIA KZ MG NC QIN SC SHA TR WS XIN **NTRi**

***Molorchus* (*Molorchus*) *marmottani marmottani* Brisout de Barneville, 1863**
E: AU BU CT CZ FR GE IT PL SK SP ST SZ **A:** TR

***Molorchus* (*Molorchus*) *tenuitarsis* Holzschuh, 1981**
A: TR

LITERATURE CITED

Bense, U. 1995. Illustrated key to the Cerambycidae (excl. Dorcadionini) and Vesperidae of Europe. Margraf Verlag, Germany, 512 pp.

Campbell, N. & Reece, J. 2005. Biology, 7th edition, San Francisco, CA: Benjamin Cummings, 1312 p.

Cherepanov, A. I. 1990a. Cerambycidae of Northern Asia. Volume 1: Prioninae, Disteniinae, Lepturinae, Aseminae. E. J. Brill Publishing Company, Leiden, Netherlands, 642 pp.

Cherepanov, A. I. 1990b. Cerambycidae of North Asia. Volume 2, Cerambycinae, Part I. E.J. Brill, Leiden, The Netherlands. 292 pp.

Cherepanov, A. I. 1990c. Cerambycidae of North Asia. Volume 2, Cerambycinae, Part II. E.J. Brill, Leiden, The Netherlands. 354 pp.

Cherepanov, A. I. 1990d. Cerambycidae of North Asia. Volume 3, Lamiinae, Part I. E.J. Brill, Leiden, The Netherlands. 300 pp.

Cherepanov, A. I. 1991a. Cerambycidae of North Asia. Volume 3, Lamiinae, Part II. E.J. Brill, Leiden, The Netherlands. 308 pp.

Cherepanov, A. I. 1991b. Cerambycidae of North Asia. Volume 3, Lamiinae, Part III. E.J. Brill, Leiden, The Netherlands. 395 pp.

Danilevsky, M. L. 2022. Catalogue of Palaearctic Chrysomeloidea (Vesperidae, Disteniidae, Cerambycidae). Available from: https://www.cerambycidae.net/catalog.pdf (Retrieved July 15, 2022).

Güner, A., Kandemir, A., Menemen, Y., Yıldırım, H., Aslan, S., Ekşi, G., Güner, I. & Çimen, A. Ö. (eds.) 2018. Resimli Türkiye Florası, volume 2. ANG Vakfı Nezahat Gökyiğit Botanik Bahçesi Yayınları, İstanbul. 1054 pp. (In Turkish).

Hoskovec, M., Navratil, D., Jelinek, P., & Rejzek, M. 2022. Cerambycidae. Longhorn beetles (Cerambycidae, Coleoptera) of the West Palaearctic region, neighboring territories and countries of the former Soviet Russia. Available from: http://www.cerambyx.uochb.cz/ (Retrieved August 26, 2022).

OGM (Orman Genel Müdürlüğü). 2015. Türkiye Orman Varlığı 2015. Orman Genel Müdürlüğü. Ankara-2015, 36 pp. (In Turkish).

Özdikmen, H. 2013a. Review on the biology of Turkish Cerambycoidea (Coleoptera) Part I – Vesperidae and Cerambycidae (Prioninae). Munis Entomology & Zoology, 8 (1): 278-284.

Özdikmen, H. 2013b. Review on the biology of Turkish Cerambycoidea (Coleoptera) Part II – Cerambycidae (AseminaeDorcasominae). Munis Entomology & Zoology, 8 (1): 438-443.

Özdikmen, H. 2021a. An annotated catalogue: Cerambycoidea (Cerambycidae and Vesperidae) of Turkey (Coleoptera). Munis Entomology & Zoology, 16 (Suplement): 1273-1556.

Özdikmen, H. 2021b. Longicorn beetles of coniferous forests in Turkey: Part I. Prioninae, Aseminae, Saphaninae, Spondylidinae (Coleoptera: Cerambycidae). Munis Entomology & Zoology, 16 (2): 1235-1266.

Özdikmen, H. 2021c. Longicorn beetles of coniferous forests in Turkey: Part II. Lepturinae (Coleoptera: Cerambycidae). Munis Entomology & Zoology, 16 (Supplement): 1621-1656.

Özdikmen, H. 2021d. Longhorned beetles (Coleoptera: Cerambycidae) preferring *Pinus* species as host plant in Turkey. Munis Entomology & Zoology, 16 (1): 501-552.

Özdikmen, H. 2022a. Longicorn beetles of coniferous forests in Turkey: Part III. Cerambycinae and Stenopterinae (Coleoptera: Cerambycidae). Munis Entomology & Zoology, 17 (1): 154-189.

Özdikmen, H. 2022b. Longicorn beetles of coniferous forests in Turkey: Part IV. Lamiinae (Coleoptera: Cerambycidae). Munis Entomology & Zoology, 17 (1): 223-251.

Resimli Türkiye Florası Elektronik Versiyonu. 2020. Türkiye Florası. Available from: https://turkiyeflorasi.org.tr/eflora/index.php?sayfa=hiyerarsi_takson_page&no=18 (Date of access: 2020.09.29).

Svacha, P. & Danilevsky, M. L. 1987. Cerambycoid larvae of Europe and Soviet Union. Part 1. Acta Universitatis Carolinae. Biologica, 30 (1986): 1-186.

Svacha, P. & Danilevsky, M. L. 1988. Cerambycoid larvae of Europe and Soviet Union (Coleoptera, Cerambycoidea). Part II. Acta Universitatis Carolinae. Biologica, 31 (3-4): 121-284.

Svacha, P. & Danilevsky, M. L. 1989. Cerambycoid larvae of Europe and Soviet Union (Coleoptera, Cerambycoidea). Part III. Acta Universitatis Carolinae. Biologica, 32 (1-2): 1-205.

Tavakilian, G. 2022. Base de données Titan sur les Cerambycidés ou Longicornes. Available from: http://titan.gbif.fr/ (Retrieved July 22, 2022).