

THE IMPORTANCE OF CERAMBYCOIDEA FOR TURKISH BIODIVERSITY ON THE BASE OF THE ENDEMICS (COLEOPTERA)

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[Özdikmen, H. 2012. The importance of Cerambycoidea for Turkish biodiversity on the base of the endemics (Coleoptera). Munis Entomology & Zoology, 7 (2): 1125-1140]

ABSTRACT. Endemism richness can be interpreted as the specific contribution of an area to global biodiversity. The degree of endemism for an area is often cited as a measure of the uniqueness of the fauna and consequently is important for prioritizing sites for conservation. Turkey has continental properties considering both species richness and endemism richness in terms of its covered area on the Earth. Turkish Cerambycoidea includes a total of 816 species group taxa (712 species and 104 subspecies belonging to 130 genera of 56 tribes of 12 subfamilies of 2 families). The endemism ratio for Turkish fauna of Cerambycoidea is 41.42% in 9 subfamilies of 2 families. Because, only 3 subfamilies in the family Cerambycidae (Prioninae Latreille, 1802; Aseminae Thomson, 1861 and Spondylidinae Audinet-Serville, 1832) do not include any endemic species. Consequently, Turkey can be interpreted as a "biodiversity hotspot" on the Earth in terms of the fauna of Cerambycoidea that is an important animal group for Turkish biodiversity in respect to both species richness and endemism richness.

KEY WORDS: Endemism, biodiversity, Cerambycidae, Vesperidae, Cerambycoidea, Coleoptera, Turkey.

As known, Turkey that has continental properties, is origin of many taxa and is a refugium (an area where conditions have enabled a species or a community of species to survive after extinction in surrounding areas) for effected living creatures from geological and climatical changes has more biological importance than any land in the World. As seen the whole World, an incredible variations have also been seen among the insects which are the most influenced living creatures from these changes occurred in the past in Turkey. Turkey appears a continental property changeable in very short distances in terms of climatical features and field structures.

According to Convention on Biological Diversity of United Nations (1992), "*Biological diversity*" means the variability among living organisms from all sources on the Earth. Turkey is at least a "*Country of origin of genetic resources*" that means the country which possesses those genetic resources in in-situ conditions. The objectives of this Convention, to be pursued in accordance with its relevant provisions, are the conservation of biological diversity, the sustainable use of its components and the fair and equitable sharing of the benefits arising out of the utilization of genetic resources, including by appropriate access to genetic resources and by appropriate transfer of relevant technologies, taking into account all rights over those resources and to technologies, and by appropriate funding. So, the works of biodiversity are based on to determine flora and fauna of whole world or somewhere on the Earth. To achieve the other objectives are based on this base. Hence, floral and/or faunal richness is the most important indicator on biodiversity.

Turkey has continental properties considering both species richness and endemism richness in terms of its covered area on the Earth. Endemism richness

can be interpreted as the specific contribution of an area to global biodiversity. The high values of endemism richness on an area emphasize their outstanding importance for global conservation of genetic resources. In addition to this, there is high overlap between regions of highest endemism richness and biodiversity hotspots. The degree of endemism for an area is often cited as a measure of the uniqueness of the fauna and consequently is important for prioritizing sites for conservation. However, the percentage of endemic species shows considerable variation between the different life forms. Currently determined ecoregions are based on vertebrates and plants. Invertebrates have not been evaluated sufficiently from the standpoint of this yet.

Löbl & Smetana (2010) stated many taxa for Turkey in their catalog. In the same time, the Turkish Dorcadioninae was evaluated by Özdikmen (2010) in detail. Then, Özdikmen (2011) added more than 150 misprints, wrong geographical records, wrong status of certain names, wrong synonyms, and so on to the Palaearctic Catalogue of Löbl & Smetana (2010). Later, Özdikmen (2012a) systematically arranged all Turkish taxa. According to Özdikmen (2012a), the ratio of endemism for Turkish longhorned beetles is approximately 40%. This status is proved that Turkey is in a position of the origin for many taxa among the longhorned beetles.

Moreover, Özdikmen (2012b,c,d,e) gave an annotated list of the Cerambycoidea (Vesperidae and Cerambycidae) that originally described from Turkey, with some important synonyms. Later, Özdikmen (2012f) gave addenda corrigenda for the list of Özdikmen (2012a). Consequently, our study is based on the mentioned references. It shows that Turkey has also both species richness and endemism richness in terms of the fauna of Cerambycoidea.

SUPERFAMILY CERAMBYCOIDEA Latreille, 1802

FAMILY VESPERIDAE Mulsant, 1839

SUBFAMILY VESPERINAE Mulsant, 1839

SPECIES *Vesperus ocellaris* Mulsant & Rey, 1863

[Type loc.: "Smyrne" (Turkey: İzmir prov.)]

FAMILY CERAMBYCIDAE Latreille, 1802

SUBFAMILY LEPTURINAE Latreille, 1802

SPECIES *Xylosteus kadleci* Miroshnikov, 2000

[Type loc.: Abant Lake env. (Turkey: Bolu prov.)]

SPECIES *Rhagium elmaliense* Schmid, 1999

[Type loc.: Elmalı (Turkey: Antalya prov.)]

SPECIES *Rhagium phrygium* K. Daniel, 1906

[Type loc.: Akşehir (Turkey: Konya prov.)]

SUBSPECIES *Rhagium inquisitor fortipes* Reitter, 1898

[Type loc.: Akbeç (Turkey: Hatay prov.)]

SPECIES *Akimerus berchmansii* Breit, 1915

[Type loc.: Buğlan pass (Turkey: Muş prov.)]

SPECIES *Stenocorus brunnescens* (Holzschuh, 1991)

[Type loc.: Şemdinli (Turkey: Hakkari prov.)]

SPECIES *Stenocorus homocerus* (K. Daniel, 1900)

[Type loc.: Asia minor (Turkey)]

SPECIES *Stenocorus auricomus* (Reitter, 1890)

[Type loc.: "Külek (Silicischer Taurus)" (Turkey: İçel prov.: Gülek)]

SPECIES *Stenocorus serratus* Holzschuh, 1974

[Type loc.: Buğlan pass (Turkey: Muş prov.)]

SPECIES *Brachyta delagrangi* Pic, 1891

[Type loc.: "not stated" [but undoubtedly Turkey: Hatay prov.: Akbeç from Pic (1892: 414)]]

SPECIES *Cortodera aestiva* Sama & Rapuzzi, 1999

[Type loc.: Sarıkamış (Turkey: Kars prov.)]

- SPECIES *Cortodera aksarayensis* Özdikmen & Özbek, 2012
 [Type loc.: Central env. (Turkey: Aksaray prov.)]
 SPECIES *Cortodera cirsii* Holzschuh, 1975
 [Type loc.: Nurdağı pass (Turkey: Adana prov.)]
 SUBSPECIES *Cortodera flavimana corallipes* Pesarini & Sabbadini, 2009
 [Type loc.: Aşkale (Turkey: Erzurum prov.)]
 SPECIES *Cortodera imrasanica* Sama & Rapuzzi, 1999
 [Type loc.: Çakıllı pass (Irmasan pass) (Turkey: Antalya prov.)]
 SPECIES *Cortodera longipilis* Pic, 1898
 [Type loc.: Akbez (Turkey: Hatay prov.)]
 SPECIES *Cortodera obscurans* Pic, 1892
 [Type loc.: Akbez (Turkey: Hatay prov.)]
 SPECIES *Cortodera omophloides* Holzschuh, 1975
 [Type loc.: "Kilik. Taurus, Namrun (Prov. Mersin)" (Turkey: İçel prov.)]
 SPECIES *Cortodera orientalis* Adlbauer, 1988
 [Type loc.: Nurdağı pass (Turkey: Osmaniye prov.)]
 SUBSPECIES *Cortodera pumila meltemae* Özdikmen, Mercan, Cihan, 2012
 [Type loc.: Kızılcahamam (Turkey: Ankara prov.)]
 SPECIES *Cortodera ranunculi* Holzschuh, 1975
 [Type loc.: Varto (Turkey: Muş prov.)]
 SPECIES *Cortodera rubripennis* Pic, 1891
 [Type loc.: Akbez (Turkey: Hatay prov.)]
 SPECIES *Cortodera simulatrix* Holzschuh, 1975
 [Type loc.: Şavşat (Turkey: Artvin prov.)]
 SPECIES *Cortodera uniformis* Holzschuh, 1975
 [Type loc.: Gümüşhane prov. (Turkey)]
 SPECIES *Cortodera wewalkai* Holzschuh, 1995
 [Type loc.: Turkey]
 SPECIES *Cortodera wittmeri* Holzschuh, 1995
 [Type loc.: Gümüşhane prov. (Turkey)]
 SPECIES *Cortodera zoiyai* Pesarini & Sabbadini, 2009
 [Type loc.: Kozak (Turkey: İzmir prov.)]
 SPECIES *Grammoptera merkl* Frivaldszky, 1884
 [Type loc.: "Achu-Dagh Asiae minoris" (Turkey)]
 SPECIES *Alosterna anatolica* Adlbauer, 1992
 [Type loc.: Elmah (Turkey: Antalya prov.)]
 SUBSPECIES *Alosterna tabacicolor tokatensis* Pic, 1901
 [Type loc.: Tokat prov. (Turkey)]
 SPECIES *Vadonia bolognai* Sama, 1982
 [Type loc.: Kavak (Turkey: Samsun prov.)]
 SPECIES *Vadonia ciliciensis* (Daniel & Daniel, 1891)
 [Type loc.: Cilician Taurus (Turkey: ?İçel prov.)]
 SPECIES *Vadonia danielorum* Holzschuh, 1984
 [Type loc.: Termessos (Turkey: Antalya prov.)]
 SPECIES *Vadonia frater* Holzschuh, 1981
 [Type loc.: Nurdağı pass (Turkey: Adana prov.)]
 SPECIES *Vadonia instigmata* Pic, 1890
 [Type loc.: Bitlis prov. (Turkey)]
 SPECIES *Vadonia ispirensis* Holzschuh, 1993
 [Type loc.: İspir (Turkey: Erzurum prov.)]
 SPECIES *Vadonia monostigma* (Ganglbauer, 1882)
 [Type loc.: Amasya prov. (Turkey)]
 SPECIES *Vadonia soror* Holzschuh, 1981
 [Type loc.: Pamukkale (Turkey: Denizli prov.)]
 SUBSPECIES *Vadonia soror tauricola* Holzschuh, 1993
 [Type loc.: Aydıncık (Turkey: İçel prov.)]
 SUBSPECIES *Anoploclera rufipes lucidipes* Sama, 1999
 [Type loc.: Erdemli (Turkey: İçel prov.)]
 SPECIES *Stictoleptura gevneensis* Özdikmen & Turgut, 2008
 [Type loc.: Alanya, Gevne valley (Turkey: Antalya prov.)]
 SUBSPECIES *Stictoleptura scutellata inscutellata* (Pic, 1892)
 [Type loc.: Akbez (Turkey: Hatay prov.)]
 SPECIES *Pedostrangalia tokatensis* Sama, 1996
 [Type loc.: Almus, Alanköy (Turkey: Tokat prov.)]
 SPECIES *Pedostrangalia kurda* Sama, 1996
 [Type loc.: Pülümür (Turkey: Tunceli prov.)]

SUBSPECIES *Rutpela maculata irmasanica* Sama, 1996

[Type loc.: Irmasan pass (Turkey: Antalya prov.)]

SPECIES *Solaia antonellae* Sama, 2003

[Type loc.: Abant (Turkey: Bolu prov.)]

SPECIES *Carlandrea syriaca* (Pic, 1891)

[Type loc.: Akbez (Turkey: Hatay prov.)]

SUBSPECIES *Stenurella bifasciata safronovi* Danilevsky, 2011

[Type loc.: Kemer, Beldibi (Turkey: Antalya prov.)]

SPECIES *Stenurella ferruginipes* (Pic, 1895)

[Type loc.: Taurus (Turkey)]

SPECIES *Stenurella pamphyliae* Rapuzzi & Sama, 2009

[Type loc.: Gündoğmuş (Turkey: Antalya prov.)]

SPECIES *Stenurella solaris* Rapuzzi & Sama, 2012

[Type loc.: Bitlis prov.: Tatvan and Reşadiye, and Van prov.: Gevaş (Turkey)]

SPECIES *Stenurella zehrae* Özdikmen, Mercan & Cihan, 2012

[Type loc.: Hacı Yakup village (Turkey: Düzce prov.)]

SUBFAMILY NECYDALINAE Latreille, 1825

SPECIES *Necydalis sabinelli* Sama, 1994

[Type loc.: Abant (Turkey: Bolu prov.)]

SUBFAMILY ASEMINAE Thomson, 1861: 139

SUBSPECIES *Asemum tenuicorne claricostulatum* Özdikmen & Aytar, 2012

[Type loc.: Çamlıyayla (Turkey: Içel prov.)]

SUBFAMILY SAPHANINAE Gistel, 1848

SUBSPECIES *Drymochares starcki ivani* Sama & Rapuzzi, 1993

[Type loc.: Abant (Turkey: Bolu prov.)]

SUBFAMILY DORCASOMINAE Lacordaire, 1868

SPECIES *Apatophysis anatolica* Heyrovsky, 1938

[Type loc.: Akşehir (Turkey: Konya prov.)]

SPECIES *Apatophysis kadlecı* Danilevsky, 2008

[Type loc.: Namrun (Turkey: Içel prov.)]

SPECIES *Apatophysis karsica* Danilevsky, 2008

[Type loc.: Yusufeli (Turkey: Artvin prov.)]

SPECIES *Apatophysis vedica* Danilevsky, 2008

[Type loc.: Ararat (Turkey: Kars prov.)]

SUBFAMILY CERAMBYCINAE Latreille, 1802

SPECIES *Trichoferus preissi* (Heyden, 1894)

[Type loc.: Mardin (Turkey)]

SPECIES *Trichoferus samaı* Kadlec & Rejzek, 2001

[Type loc.: Nemrut Mt., Kahta env. (Turkey: Adiyaman prov.)]

SPECIES *Trichoferus sbordonii* Sama, 1982

[Type loc.: Alanya (Turkey: Antalya prov.)]

SPECIES *Cerambyx heinzianus* Demelt, 1976

[Type loc.: Solhan (Turkey: Bingöl prov.)]

SUBSPECIES *Cerambyx scopoli nitidus* Pic, 1892

[Type loc.: "monts Amanus, pays d'Akbès" (Turkey: Hatay: Akbez)]

SUBSPECIES *Rosalia alpina syriaca* Pic, 1895

[Type loc.: Akbez (Turkey: Hatay prov.)]

SPECIES *Purpuricenus bitlisiensis* Pic, 1902

[Type loc.: Bitlis prov. (Turkey)]

SPECIES *Purpuricenus cornifrons* Sabbadini & Pesarini, 1992

[Type loc.: Bingöl prov. (Turkey)]

SUBSPECIES *Purpuricenus interscapillatus nudicollis* Demelt, 1968

[Type loc.: Içel prov. (Turkey)]

SPECIES *Purpuricenus nigrotatus* Pic, 1907

[Type loc.: Karsanti (Turkey: Adana prov.)]

- SPECIES *Anatolobrium eggeri* Adlbauer, 2004
 [Type loc.: Alanya (Turkey: Antalya prov.)]
 SPECIES *Delagrangaeus angustissimus* Pic, 1892
 [Type loc.: “Haute Syria” (Turkey: Hatay: Akbez)]
 SPECIES *Ropalopus hanae* Sama & Rejzek, 2002
 [Type loc.: Buğlan pass (Turkey: Muş prov.)]
 SPECIES *Ropalopus sculpturatus* (Pic, 1931)
 [Type loc.: Tokat prov. (Turkey)]
 SUBSPECIES *Phymatodes femoralis demelti* Heyrovsky, 1962
 [Type loc.: İstanbul prov. (Turkey)]
 SPECIES *Phymatodes kasnaki* (Sama, 2011)
 [Type loc.: Yukarıgökdere (Turkey: Isparta prov.)]
 SPECIES *Phymatodes magnanii* (Sama & Rapuzzi, 1999)
 [Type loc.: Akseki: Çakılı pass (Turkey: Antalya prov.)]
 SPECIES *Anaglyptus croceus* Pesarini & Sabbadini, 1997
 [Type loc.: Bozdağ (Turkey: İzmir prov.)]
 SUBSPECIES *Isotomus comptus meridionalis* Özdikmen & Aytaç, 2012
 [Type loc.: Karatepe (Turkey: Osmaniye prov.)]
 SPECIES *Isotomus syriacus* (Pic, 1902)
 [Type loc.: “Syrie” (Turkey: Hatay not Syria)]
 SPECIES *Chlorophorus convexifrons* Holzschuh, 1981
 [Type loc.: Samsun prov. and Manisa prov. (Turkey)]
 SPECIES *Chlorophorus cursor* Rapuzzi & Sama, 1999
 [Type loc.: Abant Lake (Turkey: Bolu prov.)]
 SPECIES *Chlorophorus niehuisi* Adlbauer, 1992
 [Type loc.: Buğlan pass (Turkey: Muş prov.)]
 SPECIES *Chlorophorus oezdikmeni* Sama & Rapuzzi, 2011
 [Type loc.: Andırın (Turkey: Kahramanmaraş prov.)]
 SPECIES *Chlorophorus robustior* (Pic, 1900)
 [Type loc.: Konya prov. (Turkey)]
 SUBSPECIES *Chlorophorus gratiosus sparsus* (Marseul, 1868)
 [Type loc.: “Adalia, Lycischen Taurus” (Turkey: Antalya prov.)]
 SPECIES *Chlorophorus grosseri* Sama & Rapuzzi, 2011
 [Type loc.: Mersindağı pass (Turkey: Şırnak prov.)]
 SPECIES *Chlorophorus wewalkai* Holzschuh, 1969
 [Type loc.: Kızılcahamam (Turkey: Ankara prov.)]
 SPECIES *Chlorophorus dominici* Sama, 1996
 [Type loc.: Devrekani (Turkey: Kastamonu prov.)]
 SPECIES *Pseudosphegthes longitarsus* Holzschuh, 1974
 [Type loc.: Buğlan pass (Turkey: Muş prov.)]
 SPECIES *Pseudosphegthes samai* Danilevsky, 2000
 [Type loc.: Niksar (Turkey: Tokat prov.)]
 SPECIES *Clytus buglamicus* Kadlec, 2005
 [Type loc.: Buğlan pass (Turkey: Muş prov.)]
 SPECIES *Clytus gulekanuş* Pic, 1904
 [Type loc.: Gülek (Turkey: İçel prov.)]
 SPECIES *Clytus insignitus* Fairmaire, 1866
 [Type loc.: “Kisilgye-Aole” (Turkey: ?İzmir prov. or Burdur prov.: Kızılcahamam)]
 SPECIES *Clytus kumalariensis* Johanides, 2001
 [Type loc.: Kumalar Mt. (Turkey: Afyon prov.)]
 SUBSPECIES *Clytus schneideri inapicalis* Pic, 1895
 [Type loc.: Erzurum prov. (Turkey)]
 SPECIES *Clytus schurmanni* Sama, 1996
 [Type loc.: Kızılcahamam (Turkey: Ankara prov.)]

SUBFAMILY STENOPTERINAE Gistel, 1848

- SPECIES *Stenopterus adlbaueri* Sama, 1995
 [Type loc.: Hakkari prov. (Turkey)]
 SPECIES *Stenopterus kraatzii* Pic, 1892
 [Type loc.: “Asie Mineure, Smyrna” (Turkey: İzmir prov.)]
 SPECIES *Molorchus abieticola* Holzschuh, 2007
 [Type loc.: Namrun (Turkey: İçel prov.)]
 SPECIES *Molorchus malmusii* (Sama, 1995)
 [Type loc.: Abant (Turkey: Bolu prov.)]
 SUBSPECIES *Molorchus marmottani frischii* (Sama, 1995)
 [Type loc.: Zorkun plateau (Turkey: Osmaniye prov.)]

SPECIES *Molorchus tenuitarsis* Holzschuh, 1981

[Type loc.: Namrun (Turkey: İçel prov.)]

SPECIES *Callimus akbesianus* Pic, 1892

[Type loc.: Akbez (Turkey: Hatay prov.)]

SUBFAMILY DORCADIONINAE Swainson, 1840

SPECIES *Dorcadion ingeae* Peks, 1993

[Type loc.: Keşan (Turkey Edirne prov.)]

SPECIES *Dorcadion abstersum* Holzschuh, 1982

[Type loc.: Sat Mt. (Turkey: Hakkari prov.)]

SPECIES *Dorcadion accola* Heyden, 1894

[Type loc.: Mardin prov. (Turkey)]

SPECIES *Dorcadion afflictum* Pesarini & Sabbadini, 1999

[Type loc.: Çorum prov. (Turkey)]

SPECIES *Dorcadion akpinarense* Bernhauer & Peks, 2010

[Type loc.: N Anamur (Turkey: İçel prov.)]

SPECIES *Dorcadion albicolle* Breuning, 1943

[Type loc.: Konya prov. (Turkey)]

SPECIES *Dorcadion albolineatum* Küster, 1847

[Type loc.: İstanbul prov. (Turkey)]

SPECIES *Dorcadion albonotatum* Pic, 1895

[Type loc.: Sipan Mt. (Turkey: Bitlis prov.)]

SPECIES *Dorcadion amanense* Breuning, 1943

[Type loc.: Amanos Mts. (Turkey)]

SPECIES *Dorcadion anatolicum* Pic, 1900

[Type loc.: Konya prov. (Turkey)]

SPECIES *Dorcadion arcivagum* Thomson, 1867

[Type loc.: Gülek, Taurus Mts. (Turkey: İçel prov.)]

SPECIES *Dorcadion ardashense* Breuning, 1975

[Type loc.: Yalınçam Mts. (Turkey: Ardahan prov.)]

SPECIES *Dorcadion bangi* Heyden, 1894

[Type loc.: Kastamonu prov. (Turkey)]

SUBSPECIES *Dorcadion bangi heinzorum* Braun, 1975

[Type loc.: Kastamonu prov., Çorum prov. (Turkey)]

SUBSPECIES *Dorcadion bangi roridum* Pesarini & Sabbadini, 1999

[Type loc.: Gerede (Turkey: Bolu prov.)]

SPECIES *Dorcadion banjkovski* Plavilstshikov, 1958

[Type loc.: Erzurum prov. (Turkey)]

SPECIES *Dorcadion beloni* Pic, 1891

[Type loc.: Siberia? (Turkey not Siberia)]

SPECIES *Dorcadion bernhauerorum* Peks, 2010

[Type loc.: İznik (Turkey: Bursa prov.)]

SPECIES *Dorcadion bisignatum* Jakovlev, 1900

[Type loc.: Artvin prov. (Turkey)]

SPECIES *Dorcadion bithyniense* Chevrolat, 1856

[Type loc.: Bursa prov. (Turkey)]

SPECIES *Dorcadion blandulum* Holzschuh, 1977

[Type loc.: Kuruca pass (Turkey: Bingöl prov.)]

SPECIES *Dorcadion bodemeyeri* K. Daniel, 1900

[Type loc.: "Asia Minor" (Turkey: Phrygia and Lycaonia)]

SPECIES *Dorcadion boluense* Breuning, 1962

[Type loc.: Bolu Mts. (Turkey: Bolu prov.)]

SUBSPECIES *Dorcadion boluense corallinum* Pesarini & Sabbadini, 1999

[Type loc.: Kızılcahamam, Çamlidere (Turkey: Ankara prov.)]

SUBSPECIES *Dorcadion boluense imitator* Pesarini & Sabbadini, 1999

[Type loc.: Karagöl (Turkey: Ankara prov.)]

SPECIES *Dorcadion boszdagense* Fairmaire, 1866

[Type loc.: Bozdağ (Turkey: İzmir prov.)]

SPECIES *Dorcadion bouilloni* Breuning & Ruspoli, 1975

[Type loc.: Mesudiye (Turkey: Ordu prov.)]

SPECIES *Dorcadion brauni* Breuning, 1979

[Type loc.: Tavas valley (Turkey: Denizli prov.)]

SPECIES *Dorcadion bremeri* Breuning, 1981

[Type loc.: Akyarma (Turkey: Afyon prov.)]

SPECIES *Dorcadion bulgharmaadense* Breuning, 1946

[Type loc.: Ulukışla (Maden village) (Turkey: Niğde prov.)]

- SPECIES *Dorcadion cachinno* Thomson, 1867
 [Type loc.: "Caramanie" (Turkey: Karaman prov.)]
- SPECIES *Dorcadion carinipenne* Pic, 1900
 [Type loc.: Hatay prov.: Akbez (Turkey not Syria)]
- SPECIES *Dorcadion carolisturani* Breuning & Ruspoli, 1971
 [Type loc.: Kümbet plateau (Turkey: Giresun prov.)]
- SPECIES *Dorcadion cinctellum* Fairmaire, 1866
 [Type loc.: "Kisilgye-Aole" (Turkey: ?Izmir prov. or Burdur prov.: Kizilkaya)]
- SPECIES *Dorcadion coiffaiti* Breuning, 1962
 [Type loc.: Manyas (Turkey: Balıkesir prov.)]
- SPECIES *Dorcadion condensatum* Küster, 1852
 [Type loc.: NW Turkey]
- SPECIES *Dorcadion confluens* Fairmaire, 1866
 [Type loc.: Bozdağ (Turkey: İzmir prov.)]
- SPECIES *Dorcadion crux* (Bilberg, 1817)
 [Type loc.: "Smyrna" (Turkey: İzmir prov.)]
- SPECIES *Dorcadion culminicola* Thomson, 1867
 [Type loc.: "Caramania" (Turkey: Taurus Mts.)]
- SPECIES *Dorcadion delagrangi* Pic, 1894
 [Type loc.: Akbez (Turkey: Hatay prov.)]
- SPECIES *Dorcadion deyrollei* Ganglbauer, 1884
 [Type loc.: Bitlis prov. (Turkey)]
- SUBSPECIES *Dorcadion dimidiatum korgei* Breuning, 1966
 [Type loc.: Pülümür (Turkey: Tunceli prov.)]
- SUBSPECIES *Dorcadion dimidiatum kelkiticum* Özdikmen & Hasbenli, 2004
 [Type loc.: Kelkit (Turkey: Gümüşhane prov.)]
- SUBSPECIES *Dorcadion divisum divisum* Germar, 1839
 [Type loc.: "Smyrna" (Turkey: İzmir prov.)]
- SUBSPECIES *Dorcadion divisum dissimile* Ganglbauer, 1884
 [Type loc.: European Turkey]
- SUBSPECIES *Dorcadion divisum intercisum* Kraatz, 1873
 [Type loc.: Sivas prov., Cilicia, Kurdistan (Turkey)]
- SUBSPECIES *Dorcadion divisum loratum* Thomson, 1867
 [Type loc.: "Smyrna" (Turkey: İzmir prov.)]
- SUBSPECIES *Dorcadion divisum oedemischense* Heyrovsky, 1932
 [Type loc.: Ödemiş (Turkey: İzmir prov.)]
- SUBSPECIES *Dorcadion divisum subdivisum* Breuning, 1955
 [Type loc.: Ankara prov. (Turkey)]
- SPECIES *Dorcadion dobrovljanskii* Suvorov, 1915
 [Type loc.: "Erivansk. g." (Turkey)]
- SPECIES *Dorcadion elazigi* Fuchs & Breuning, 1971
 [Type loc.: Elazığ prov. and Muş prov.: Buğlan pass (Turkey)]
- SPECIES *Dorcadion enricisturani* Breuning & Ruspoli, 1971
 [Type loc.: Tosya (Turkey: Kastamonu prov.)]
- SUBSPECIES *Dorcadion enricisturani densepunctatum* Braun, 1978
 [Type loc.: Vezirköprü (Turkey: Samsun prov.)]
- SUBSPECIES *Dorcadion equestre nogelli* Fairmaire, 1866
 [Type loc.: Bozdağ (Turkey: İzmir prov.)]
- SPECIES *Dorcadion formosum* Kraatz, 1871
 [Type loc.: not stated]
- SUBSPECIES *Dorcadion formosum ponticum* Breuning, 1964
 [Type loc.: "Pontic Alps" (Turkey)]
- SPECIES *Dorcadion gebzeense* Breuning, 1974
 [Type loc.: İzmit: Gebze (Turkey: Kocaeli prov.)]
- SPECIES *Dorcadion glabricolle* Breuning, 1943
 [Type loc.: Turkey (Anatolia and Kurdistan)]
- SUBSPECIES *Dorcadion halepense shitkamilense* Özdikmen et al., 2012
 [Type loc.: Şhitkamil (Turkey: Gaziantep prov.)]
- SPECIES *Dorcadion hampii* Mulsant & Rey, 1863
 [Type loc.: ["La Perse"] clearly mislabeled, should be Turkey]
- SUBSPECIES *Dorcadion hampii aureovittatum* Kraatz, 1873
 [Type loc.: Sivas prov. (Turkey)]
- SPECIES *Dorcadion heinzi* Breuning, 1964
 [Type loc.: Eğribel pass (Turkey: Giresun prov.)]
- SPECIES *Dorcadion holtzi* Pic, 1905
 [Type loc.: Cilician Taurus: Dümbelek Mt. (Turkey)]

- SPECIES *Dorcadion holzschuhi* Breuning, 1974
 [Type loc.: Buğlan pass (Turkey: Muş prov.)]
 SPECIES *Dorcadion iconiense* Daniel, 1900
 [Type loc.: Konya prov. (Turkey)]
 SPECIES *Dorcadion infernale* Mulsant & Rey, 1863
 [Type loc.: ["La Perse"] clearly mislabeled, should be Turkey]
 SUBSPECIES *Dorcadion infernale asperatum* Breuning, 1947
 [Type loc.: Diyarbakır prov. (Turkey)]
 SUBSPECIES *Dorcadion infernale edremitense* Breuning, 1966
 [Type loc.: Edremit (Turkey: Balıkesir prov.)]
 SPECIES *Dorcadion inikiliense* Bernhauer & Peks, 2010
 [Type loc.: İznik: Lake env. (Turkey: Bursa prov.)]
 SPECIES *Dorcadion intrusum* Pesarini & Sabbadini, 2009
 [Type loc.: Near Gelibolu (Turkey: Edirne prov.)]
 SPECIES *Dorcadion inspersum* Holzschuh, 1982
 [Type loc.: Kuzgunkiran (Turkey: Van prov.)]
 SPECIES *Dorcadion investitum* Breuning, 1970 in Braun, 1978
 [Type loc.: Horasan: Tahir pass (Turkey: Erzurum prov.)]
 SPECIES *Dorcadion ispartense* Breuning, 1962
 [Type loc.: Bozanönü (Turkey: Isparta prov.)]
 SPECIES *Dorcadion ivani* Pesarini & Sabbadini, 2011
 [Type loc.: Bingöl prov. (Turkey)]
 SPECIES *Dorcadion jacobleviellum* Plavilstshikov, 1951
 [Type loc.: Erzurum prov. (Turkey)]
 SPECIES *Dorcadion janatai* Kadlec, 2006
[Type loc.: Karaoğlan Mt. (Turkey: Tunceli prov.)]
 SPECIES *Dorcadion kagyzmanicum* Suvorov, 1915
 [Type loc.: Kağızman (Turkey: Kars prov.)]
 SPECIES *Dorcadion karsense* Suvorov, 1915
 [Type loc.: Kağızman (Turkey: Kars prov.)]
 SPECIES *Dorcadion kasikoporanum* Pic, 1902
 [Type loc.: Tuzluca: Kazkoparan village (Turkey: Iğdır prov.)]
 SPECIES *Dorcadion kazanciense* Bernhauer & Peks, 2010
 [Type loc.: N Anamur (Turkey: İçel prov.)]
 SPECIES *Dorcadion kindermanni* Walth, 1838
 [Type loc.: Turkey]
 SPECIES *Dorcadion kraetschmeri* Bernhauer, 1988
 [Type loc.: Akseki (Turkey: Antalya prov.)]
 SPECIES *Dorcadion kurdistanum* Breuning, 1944
 [Type loc.: Diyarbakır prov. (Turkey)]
 SPECIES *Dorcadion kurucanum* Holzschuh, 2007
 [Type loc.: Kuruca pass (Turkey: Elazığ prov.)]
 SPECIES *Dorcadion ladikanum* Braun, 1976
 [Type loc.: Ladik (Turkey: Samsun prov.)]
 SUBSPECIES *Dorcadion laeve micula* Plavilstshikov, 1937
 [Type loc.: Oltu (Turkey: Erzurum prov.)]
 SPECIES *Dorcadion lameerei* Théry, 1896
 [Type loc.: Kastamonu prov. (Turkey)]
 SPECIES *Dorcadion ledouxii* Breuning, 1974
 [Type loc.: Ilıca (Turkey: Erzurum prov.)]
 SPECIES *Dorcadion linderi* Tournier, 1872
 [Type loc.: ["Espagne"] clearly mislabeled, should be Turkey]
 SPECIES *Dorcadion lodosi* Sabbadini & Pesarini, 1992
 [Type loc.: Bucakışla (Turkey: Karaman prov.)]
 SUBSPECIES *Dorcadion lodosi abanozense* Bernhauer & Peks, 2010
 [Type loc.: N Anamur (Turkey: İçel prov.)]
 SPECIES *Dorcadion lohsei* Braun, 1976
 [Type loc.: Sertavul pass (Turkey: İçel prov.)]
 SPECIES *Dorcadion longulum* Breuning, 1943
 [Type loc.: Bozdağ (Turkey: İzmir prov.)]
 SPECIES *Dorcadion maceki* Holzschuh, 1965
 [Type loc.: Abant (Turkey: Bolu prov.)]
 SPECIES *Dorcadion martini* Bernhauer, 1988
 [Type loc.: Nallıhan (Turkey: Ankara prov.)]
 SPECIES *Dorcadion menradi* Holzschuh, 1989
 [Type loc.: Afşin (Turkey: Kahramanmaraş prov.)]

- SPECIES *Dorcadion merkli* Ganglbauer, 1884
 [Type loc.: Akdağ, ?Kütahya prov. (Turkey)]
- SPECIES *Dorcadion micans* Thomson, 1867
 [Type loc.: “Armenia” (clearly N Turkey)]
 SUBSPECIES *Dorcadion micans susheriense* Breuning, 1970
 [Type loc.: Susehri (Turkey: Sivas prov.)]
- SPECIES *Dorcadion miminfernale* Breuning, 1970
 [Type loc.: Binboğa Mts. (Turkey: Kahramanmaraş prov.)]
- SPECIES *Dorcadion muchei* Breuning, 1962
 [Type loc.: Çankırı prov. (Turkey)]
- SPECIES *Dorcadion multimaculatum* Pic, 1932
 [Type loc.: Ödemiş (Turkey: İzmir prov.)]
- SPECIES *Dorcadion narlianum* Özdikmen, Mercan & Cihan, 2012
 [Type loc.: Narlı (Turkey: Kahramanmaraş prov.)]
- SPECIES *Dorcadion nigrostriatum* Adlbauer, 1982
 [Type loc.: Tunceli prov. (Turkey)]
- SPECIES *Dorcadion nihalae* Rapuzzi & Sama, 2012
 [Type loc.: Zara (Turkey: Sivas prov.)]
- SPECIES *Dorcadion nobile* Hampe, 1852
 [Type loc.: not stated]
- SPECIES *Dorcadion obtusum* Breuning, 1944
 [Type loc.: Turkey]
 SUBSPECIES *Dorcadion obtusum marashense* Breuning, 1948
 [Type loc.: Kahramanmaraş prov. (Turkey)]
- SPECIES *Dorcadion oezdurali* Önalp, 1988
 [Type loc.: Ahır Mt. (Turkey: Kahramanmaraş prov.)]
- SPECIES *Dorcadion olympicum* Kraatz, 1873
 [Type loc.: Bursa prov. (Turkey)]
 SUBSPECIES *Dorcadion olympicum convexum* Breuning, 1943
 [Type loc.: Akdağ, ?Kütahya prov. (Turkey)]
 SUBSPECIES *Dorcadion olympicum flavosuturale* Krätschmer, 1987
 [Type loc.: Uluabat Lake (Turkey: Bursa prov.)]
- SPECIES *Dorcadion ortrudae* Braun, 1978
 [Type loc.: Gökşun (Turkey: Kahramanmaraş prov.)]
- SPECIES *Dorcadion paracinerarium* Breuning, 1974
 [Type loc.: Mut: Sertavul pass (Turkey: İçel prov.)]
- SPECIES *Dorcadion pararafipenne* Braun, 1976
 [Type loc.: Abant (Turkey: Bolu prov.)]
 SUBSPECIES *Dorcadion pararafipenne rassei* Braun, 1976
 [Type loc.: Gerede and central (Turkey: Bolu prov.)]
- SPECIES *Dorcadion parescherichi* Breuning, 1966
 [Type loc.: Boğazkale (Turkey: Çorum prov.)]
- SPECIES *Dorcadion pavesii* Pesarini & Sabbadini, 1999
 [Type loc.: Yüksekova (Turkey: Hakkari prov.)]
- SPECIES *Dorcadion peksi* Bernhauer, 2010
 [Type loc.: N Anamur (Turkey: İçel prov.)]
- SPECIES *Dorcadion pergamenum* Pesarini & Sabbadini, 2009
 [Type loc.: Bergama (Turkey: İzmir prov.)]
- SPECIES *Dorcadion petrovitzi* Heyrovsky, 1964
 [Type loc.: İçel prov. (Turkey)]
- SPECIES *Dorcadion piochardi* Kraatz, 1873
 [Type loc.: Samsun prov., Amasya prov., Akdağ (?Kütahya prov.) (Turkey)]
- SPECIES *Dorcadion pittinorum* Pesarini & Sabbadini, 1999
 [Type loc.: Çorum prov. (Turkey)]
- SPECIES *Dorcadion pluto* Thomson, 1867
 [Type loc.: [“Siberia”] clearly mislabeled, should be Turkey]
- SPECIES *Dorcadion poletti* Breuning, 1948
 [Type loc.: Caria: Denizli prov.: Babadağ (Turkey)]
- SPECIES *Dorcadion praetermissum* Pesarini & Sabbadini, 1999
 [Type loc.: Uludağ (Turkey: Bursa prov.)]
 SUBSPECIES *Dorcadion praetermissum mikhaili* Özdikmen, 2010
 [Type loc.: Abant (Turkey: Bolu prov.)]
- SPECIES *Dorcadion preissi* Heyden, 1894
 [Type loc.: Kastamonu prov. (Turkey)]
- SPECIES *Dorcadion pseudarcivagum* Breuning, 1943
 [Type loc.: Amasya (Turkey)]

- SPECIES *Dorcadion pseudinfernale* Breuning, 1943
 [Type loc.: Amanos Mts. (Turkey)]
- SPECIES *Dorcadion pseudobithyniense* Breuning, 1962
 [Type loc.: Balıkesir prov. (Turkey)]
- SPECIES *Dorcadion pseudocinctellum* Breuning, 1943
 [Type loc.: Akşehir (Turkey: Konya prov.)]
- SPECIES *Dorcadion pseudoholosericeum* Breuning, 1962
 [Type loc.: Sinop prov. (Turkey)]
- SPECIES *Dorcadion pseudopreissi* Breuning, 1962
 [Type loc.: Sinop prov. (Turkey)]
- SPECIES *Dorcadion punctipenne* Küster, 1852
 [Type loc.: Anatolia (Turkey)]
- SPECIES *Dorcadion punctulicollis* Breuning, 1944
 [Type loc.: Diyarbakır prov. (Turkey)]
- SPECIES *Dorcadion pygmaeum* Breuning, 1947
 [Type loc.: Kurdistan (Turkey)]
- SPECIES *Dorcadion quadripustulatum* Kraatz, 1873
 [Type loc.: Çanakkale prov. (Turkey)]
- SPECIES *Dorcadion rigattii* Breuning, 1966
 [Type loc.: Zara (Turkey: Sivas)]
- SPECIES *Dorcadion rizeanum* (Breuning & Villiers, 1967)
 [Type loc.: Sivrikaya (Turkey: Rize prov.)]
- SPECIES *Dorcadion robustum* Ganglbauer, 1884
 [Type loc.: Amasya prov. (Turkey)]
- SPECIES *Dorcadion rolandmenradi* Peks, 1992
 [Type loc.: Bursa prov.: Ballısaray, Kütahya prov. (Turkey)]
- SPECIES *Dorcadion rufipenne* Breuning, 1946
 [Type loc.: Ilgaz Mt. (Turkey: Kastamonu prov.)]
 SUBSPECIES *Dorcadion rufipenne major* Breuning, 1962
 [Type loc.: Sinop prov. (Turkey)]
- SPECIES *Dorcadion rufoapicale* Breuning, 1943
 [Type loc.: Bayburt prov. (Turkey)]
- SUBSPECIES *Dorcadion scabricolle balikesirensis* Breuning, 1962
 [Type loc.: Balıkesir prov. (Turkey)]
- SUBSPECIES *Dorcadion scabricolle caramanicum* Daniel & Daniel, 1903
 [Type loc.: Cilician Taurus (Turkey)]
- SUBSPECIES *Dorcadion scabricolle paphlagonicum* Breuning, 1962
 [Type loc.: Kastamonu prov. (Turkey)]
- SUBSPECIES *Dorcadion scabricolle uludaghicum* Breuning, 1970
 [Type loc.: Uludağ (Turkey: Bursa prov.)]
- SPECIES *Dorcadion schultzei* Heyden, 1894
 [Type loc.: Mardin prov. (Turkey)]
- SPECIES *Dorcadion scrobicollis* Kraatz, 1873
 [Type loc.: Anatolia (Turkey)]
 SUBSPECIES *Dorcadion scrobicollis morulum* Holzschuh, 1965
 [Type loc.: Tokat prov. (Turkey)]
- SPECIES *Dorcadion semibrunneum* Pic, 1903
 [Type loc.: Bozdağ (Turkey: İzmir prov.)]
 SUBSPECIES *Dorcadion semibrunneum anamasum* Pic, 1934
 [Type loc.: Pisidian Taurus: Isparta prov.: Anamas Mts. (Turkey)]
- SPECIES *Dorcadion semilineatum* Fairmaire, 1866
 [Type loc.: Bozdağ (Turkey: İzmir prov.)]
- SPECIES *Dorcadion semivelutinum* Kraatz, 1873
 [Type loc.: Sivas prov. (Turkey)]
 SUBSPECIES *Dorcadion septemlineatum abanti* Braun, 1976
 [Type loc.: Abant (Turkey: Bolu prov.)]
- SUBSPECIES *Dorcadion septemlineatum demirciense* Breuning, 1966
 [Type loc.: Anatolia: ?Manisa prov.: Demirci (Turkey)]
- SUBSPECIES *Dorcadion septemlineatum novemlineatum* Kraatz, 1873
 [Type loc.: Bilecik prov., Eskişehir prov. (Turkey)]
- SUBSPECIES *Dorcadion septemlineatum octolineatum* Kraatz, 1873
 [Type loc.: ?İstanbul prov.: Karaköy, Bursa prov. (Turkey)]
- SPECIES *Dorcadion sinopense* Breuning, 1962
 [Type loc.: Sinop prov. (Turkey)]
- SPECIES *Dorcadion sinuatevittatum* Pic, 1937
 [Type loc.: Carian Taurus: Denizli: Babadağ (Turkey)]

- SPECIES *Dorcadion sodale* Hampe, 1852
 [Type loc.: Unknown (clearly Turkey)]
 SUBSPECIES *Dorcadion sodale trapesunticum* Breuning, 1946
 [Type loc.: Trabzon prov. (Turkey)]
 SUBSPECIES *Dorcadion sodale blumenthali* Breuning, 1966
 [Type loc.: Giresun prov. (Turkey)]
 SPECIES *Dorcadion sonjae* Peks, 1993
 [Type loc.: Elmapınarı and Çaybağ (Turkey: Elazığ prov.)]
 SPECIES *Dorcadion steineri* Holzschuh, 1977
 [Type loc.: Çamlıhemşin: Hacırvanak plateau (Turkey: Rize prov.)]
 SPECIES *Dorcadion subatritarse* Breuning, 1966
 [Type loc.: Boğazkale (Turkey: Çorum prov.)]
 SPECIES *Dorcadion subcinctellum* Breuning, 1962
 [Type loc.: Yazihan: Hamidiye village (Turkey: Malatya prov.)]
 SPECIES *Dorcadion subinterruptum* Pic, 1900
 [Type loc.: Konya prov. (Turkey)]
 SPECIES *Dorcadion subsericatum* Pic, 1901
 [Type loc.: "Syria" (mistaken information, clearly Turkey: Kastamonu prov.)]
 SUBSPECIES *Dorcadion subsericatum vulneratum* Pesarini & Sabbadini, 1999
 [Type loc.: Masruf pass (Turkey: Kastamonu prov.)]
 SPECIES *Dorcadion subvestitum* Daniel, 1900
 [Type loc.: Bozdağ-Ödemiş (Turkey: İzmir prov.)]
 SPECIES *Dorcadion syriense* Breuning, 1943
 [Type loc.: Amanos Mts. (Turkey)]
 SPECIES *Dorcadion theophilei* Pic, 1898
 [Type loc.: Trabzon prov. (Turkey)]
 SPECIES *Dorcadion turcicum* Breuning, 1963
 [Type loc.: Erdek: Paşalimanı (Turkey: Balıkesir prov.)]
 SPECIES *Dorcadion ultrichi* Bernhauer, 1988
 [Type loc.: Malatya prov. (Turkey)]
 SPECIES *Dorcadion weyersii* Fairmaire, 1866
 [Type loc.: "Kisilgye-Aole" (Turkey: İzmir prov. or Burdur prov.: Kızılkaya)]
 SPECIES *Dorcadion janssensii* Breuning, 1966
 [Type loc.: Tatos Mts. (Turkey: Rize prov.)]
 SPECIES *Dorcadion triste* Frivaldszky, 1845
 [Type loc.: "Smyrna" (Turkey: İzmir prov.)]
 SUBSPECIES *Dorcadion triste phrygicum* Peks, 1993
 [Type loc.: Ova SE Korkuteli (Turkey: Antalya prov.)]
 SPECIES *Dorcadion wolffi* Krätschmer, 1985
 [Type loc.: Ören (Turkey: Balıkesir prov.)]
 SPECIES *Dorcadion angorense* Ganglbauer, 1897
 [Type loc.: "Angora" (Turkey: Ankara prov.)]
 SPECIES *Dorcadion escherichi* Ganglbauer, 1897
 [Type loc.: "Angora" (Turkey: Ankara prov.)]
 SPECIES *Dorcadion glabrofasciatum* K. Daniel, 1900
 [Type loc.: "Bithynia" (Turkey)]
 SPECIES *Dorcadion ledereri* Thomson, 1865
 [Type loc.: Turkey]
 SPECIES *Dorcadion parallelum* Küster, 1847
 [Type loc.: Turkey]
 SPECIES *Dorcadion walteri* Holzschuh, 1991
 [Type loc.: Alpu Bey village (Turkey: Bolu prov.)]
 SPECIES *Neodorcadion exornatoides* Breuning, 1962
 [Type loc.: Balıkesir prov. (Turkey)]
 SPECIES *Neodorcadion orientale* Ganglbauer, 1884
 [Type loc.: Turkey]

SUBFAMILY LAMIINAE Latreille, 1825: 401

- SPECIES *Parmena lukati* Sama, 1994
 [Type loc.: Kekova (Turkey: Antalya prov.)]
 SPECIES *Parmena mutilloides* Sabbadini & Pesarini, 1992
 [Type loc.: Beyşehir (Turkey: Konya prov.)]
 SPECIES *Parmena sericata* Sama, 1996
 [Type loc.: Borçka: Cankurtaran pass (Turkey: Artvin prov.)]
 SPECIES *Parmena striatopunctata* Sama, 1994
 [Type loc.: Ardanuç (Turkey: Artvin prov.)]

- SUBSPECIES *Monochamus galloprovincialis tauricola* Pic, 1912
 [Type loc.: “?Taurus” (S Turkey)]
- SPECIES *Morimus orientalis* Reitter, 1894
 [Type loc.: “Anatolia” (Turkey)]
- SPECIES *Pogonocherus barbarae* Rapuzzi & Sama, 2012
 [Type loc.: Nur Mts. (Turkey: Hatay prov.)]
- SPECIES *Leiopus lisae* Rapuzzi & Sama, 2012
 [Type loc.: Tunceli prov. (Turkey)]
- SUBSPECIES *Leiopus syriacus abieticola* Sama & Rapuzzi, 2010
 [Type loc.: Göksun (Turkey: Kahramanmaraş prov.)]
- SUBSPECIES *Leiopus syriacus tauricus* Sama & Rapuzzi, 2010
 [Type loc.: İçel prov.: Namrun = Çamlıyayla and Antalya prov. (Turkey)]
- SUBSPECIES *Tetrops praeustus anatolicus* Özdikmen & Turgut, 2008
 [Type loc.: Hadim (Turkey: Konya prov.)]
- SPECIES *Tetrops warncketi* Holzschuh, 1977
 [Type loc.: Akseki (Turkey: Antalta prov.)]
- SPECIES *Oberea resslii* Demelt, 1963
 [Type loc.: Kızılcahamam (Turkey: Ankara prov.)]
- SPECIES *Mallosia nonnigra* Özdikmen & Aytar, 2012
 [Type loc.: Erdemli (Turkey: İçel prov.)]
- SUBSPECIES *Mallosia scovitzii devexula* Holzschuh, 1989
 [Type loc.: Uludere (Turkey: Hakkari prov.)]
- SPECIES *Micromallosia heinzorum* (Holzschuh, 1991)
 [Type loc.: Yolçatı (Turkey: Bingöl prov.)]
- SPECIES *Micromallosia heydeni* (Ganglbauer, 1888)
 [Type loc.: Malatya prov. (Turkey)]
- SPECIES *Micromallosia theresae* Pic, 1900
 [Type loc.: Kurdistan (Turkey)]
- SPECIES *Coptosia bithynensis* (Ganglbauer, 1884)
 [Type loc.: Bursa prov. (Turkey)]
- SPECIES *Coptosia demelti* (Breuning, 1973)
 [Type loc.: Namrun (Turkey: İçel prov.)]
- SPECIES *Coptosia minuta* (Pic, 1891)
 [Type loc.: “Syrie” (Turkey: Hatay prov.: Amanos Mts.)]
- SPECIES *Coptosia schuberti* (Fuchs, 1965)
 [Type loc.: Namrun (Turkey: İçel prov.)]
- SPECIES *Coptosia tauricola* (Breuning, 1943)
 [Type loc.: Taurus Mts. (Turkey)]
- SPECIES *Coptosia anularis* (Holzschuh, 1984)
 [Type loc.: Süvarihalil pass (Turkey: Hakkari prov.)]
- SPECIES *Coptosia behen* (Sama & Rejzek, 1999)
 [Type loc.: Gemecik (Turkey: Erzincan prov.)]
- SPECIES *Coptosia chehrensensis* (Breuning, 1943)
 [Type loc.: ?Konya prov.: Akşehir (Turkey)]
- SPECIES *Semiangusta katarinae* (Holzschuh, 1974)
 [Type loc.: Buğlan pass (Turkey: Muş prov.)]
- SPECIES *Phytoecia alinae* Kasatkin, 2011
 [Type loc.: Buğlan pass (Turkey: Muş prov.)]
- SUBSPECIES *Phytoecia annulata wawerkana* Reitter, 1905
 [Type loc.: “Akbès” (Turkey: Hatay prov.: Akbez)]
- SPECIES *Phytoecia breverifonotata* (Pic, 1952)
 [Type loc.: “Asie Min., Brousse” (Turkey: Bursa prov.)]
- SPECIES *Phytoecia griseomaculata* (Pic, 1891)
 [Type loc.: “Akbès” (Turkey: Hatay prov.: Akbez)]
- SPECIES *Phytoecia konyaensis* Danilevsky, 2010
 [Type loc.: Aksaray (Turkey: Konya prov.)]
- SPECIES *Phytoecia samii* Özdikmen & Turgut, 2010
 [Type loc.: Derebucak (Turkey: Konya prov.)]
- SPECIES *Phytoecia smatanai* (Holzschuh, 2003)
 [Type loc.: Seydişehir (Turkey: Konya prov.)]
- SPECIES *Phytoecia demelti* (Sama, 2003)
 [Type loc.: Silifke (Turkey: İçel prov.)]
- SUBSPECIES *Phytoecia ferrugata dilaticollis* Pic, 1900
 [Type loc.: “Asia Minor” (Turkey)]
- SUBSPECIES *Phytoecia humeralis caneri* Özdikmen & Turgut, 2010
 [Type loc.: Osmaniye prov., Hatay prov., Gaziantep prov. (Turkey: Amanos Mts.)]

- SPECIES *Phytoecia anatolica* Fuchs & Breuning, 1971
 [Type loc.: Misis (Turkey: Adana prov.)]
 SPECIES *Phytoecia griseicornis* Pic, 1892
 [Type loc.: "Syrie" (Turkey: Amanos Mts. not Syria)]
 SPECIES *Phytoecia tuerki* Ganglbauer, 1884
 [Type loc.: Bursa prov. (Turkey)]
 SPECIES *Phytoecia adusta* Reitter, 1889
 [Type loc.: Erzurum prov. (Turkey)]
 SPECIES *Phytoecia longicornis* (Pesarini & Sabbadini, 2009)
 [Type loc.: Buğlan pass (Turkey: Bingöl prov.)]
 SPECIES *Phytoecia pauliraputii* (Sama, 1993)
 [Type loc.: Akhisar (Turkey: Manisa prov.)]
 SPECIES *Phytoecia salvicola* Holzschuh, 1989
 [Type loc.: Harput (Turkey: Elazığ prov.)]
 SPECIES *Phytoecia suworowi* Pic, 1905
 [Type loc.: "Caucase" (Turkey: Kars prov. and Erzurum prov.: Oltu not Caucasus)]
 SPECIES *Phytoecia annulipes* Mulsant & Rey, 1863
 [Type loc.: "Caramanie" (Turkey: Karaman prov.)]
 SPECIES *Phytoecia bialookii* Danilevsky, 2010
 [Type loc.: Bitlis prov.: Tatvan: Güroymak env. and Muş prov.: Buğlan pass (Turkey)]
 SPECIES *Phytoecia kartalensis* Danilevsky, 2010
 [Type loc.: Mihaliçık env.: Kartal pass (Turkey: Eskişehir prov.)]
 SPECIES *Phytoecia shokhini* Kasatkin, 2010
 [Type loc.: Ovacık (Turkey: Tunceli prov.)]
 SPECIES *Phytoecia samai* Özdikmen & Turgut, 2008
 [Type loc.: Küllü village (Turkey: Osmaniye prov.)]
 SUBSPECIES *Phytoecia vittipennis inhumeralis* (Pic, 1900)
 [Type loc.: Kızıldağ (Turkey: Adana prov.)]
 SPECIES *Phytoecia volkovitshi* Danilevsky, 2010
 [Type loc.: Birecik (Turkey: Urfa prov.)]
 SPECIES *Agapanthia kindermanni* Pic, 1905
 [Type loc.: Turkey]
 SPECIES *Agapanthia lateralis* Ganglbauer, 1884
 [Type loc.: "Constantinopol" (Turkey: İstanbul prov.)]
 SPECIES *Agapanthia schmidti* Holzschuh, 1975
 [Type loc.: Gürün (Turkey: Sivas prov.)]
 SPECIES *Agapanthia simplicicornis* Reitter, 1898
 [Type loc.: Mardin prov. (Turkey)]
 SPECIES *Agapanthia subflavida* Pic, 1903
 [Type loc.: "Anatolie" (Turkey)]
 SPECIES *Agapanthia fallax* Holzschuh, 1974
 [Type loc.: Buğlan pass (Turkey: Muş prov.)]
 SPECIES *Agapanthia naciya* Rapuzzi & Sama, 2012
 [Type loc.: Çamalan and Namrun (Turkey: Içel prov.)]
 SPECIES *Agapanthia ozdikmeni* Rapuzzi & Sama, 2012
 [Type loc.: Çamalan and Namrun (Turkey: Içel prov.)]
 SPECIES *Agapanthia pesarinii* Sama & Rapuzzi, 2010
 [Type loc.: Çamalan and Namrun (Turkey: Içel prov.)]

AN EVALUATION FOR TURKISH FAUNA

In accordance with this, the superfamily CERAMBYCOIDEA Latreille, 1802 includes currently 4 families as Cerambycidae Latreille, 1802; Disteniidae Thomson, 1861; Oxypeltidae Lacordaire, 1868 and Vesperidae Mulsant, 1839, and only two families as Cerambycidae Latreille, 1802 and Vesperidae Mulsant, 1839 are represented in Turkey. So Turkish CERAMBYCOIDEA includes a total of 824 species group taxa (721 species and 103 subspecies belonging to 130 genera of 56 tribes of 12 subfamilies of 2 families).

As seen below, the endemism ratio for Turkish fauna of Cerambycoidea is 42.35% in 10 subfamilies of 2 families. Because, only 3 subfamilies in the family Cerambycidae (Prioninae Latreille, 1802 and Spondylidinae Audinet-Serville, 1832) do not include any endemic species.

SUPERFAMILY CERAMBYCOIDEA Latreille, 1802

721 species and 103 subspecies (Turkish fauna)

332 species and 121 subspecies (originally described taxa from Turkey)

Ratio for Turkish fauna: 54.98%

260 species and 89 subspecies (endemics)

Ratio for Turkish fauna: 42.35%

FAMILY VESPERIDAE Mulsant, 1839: 214**SUBFAMILY VESPERINAE Mulsant, 1839: 214**

1 species (Turkish fauna)

1 species (originally described taxa from Turkey)

Ratio for Turkish fauna: 100%

1 species (endemics)

Ratio for Turkish fauna: 100%

FAMILY CERAMBYCIDAE Latreille, 1802: 211

720 species (with nominative subspecies) and 103 subspecies (Turkish fauna)

331 species and 121 subspecies (originally described taxa from Turkey)

Ratio for Turkish fauna: 54.85%

259 species and 89 subspecies (endemics)

Ratio for Turkish fauna: 42.23%

SUBFAMILY PRIONINAE Latreille, 1802: 212

12 species (Turkish fauna)

1 species (originally described taxa from Turkey)

Ratio for Turkish fauna: 8.33%

None (endemics)

Ratio for Turkish fauna: 0%

SUBFAMILY LEPTURINAE Latreille, 1802: 218

134 species and 23 subspecies (Turkish fauna)

67 species and 21 subspecies (originally described taxa from Turkey)

Ratio for Turkish fauna: 56.05%

43 species and 12 subspecies (endemics)

Ratio for Turkish fauna: 35.03%

SUBFAMILY NECYDALINAE Latreille, 1825: 401

2 species (Turkish fauna)

1 species (originally described taxa from Turkey)

Ratio for Turkish fauna: 50%

1 species (endemics)

Ratio for Turkish fauna: 50%

SUBFAMILY ASEMINAE Thomson, 1861: 139

8 species and 1 subspecies (Turkish fauna)

1 species and 1 subspecies (originally described taxa from Turkey)

Ratio for Turkish fauna: 22.20%

1 subspecies (endemics)
Ratio for Turkish fauna: 11.11%

SUBFAMILY SAPHANINAE Gistel, 1848: [1]

4 species and 1 subspecies (Turkish fauna)

2 subspecies (originally described taxa from Turkey)
Ratio for Turkish fauna: 40%

1 subspecies (endemics)
Ratio for Turkish fauna: 20%

SUBFAMILY SPONDYLIDINAE Audinet-Serville, 1832: 123

1 species (Turkish fauna)

None (originally described taxa from Turkey)
Ratio for Turkish fauna: 0%

None (endemics)
Ratio for Turkish fauna: 0%

SUBFAMILY DORCASOMINAE Lacordaire, 1868: 456

4 species (Turkish fauna)

4 species (originally described taxa from Turkey)
Ratio for Turkish fauna: 100%

4 species (endemics)
Ratio for Turkish fauna: 100%

SUBFAMILY CERAMBYCINAE Latreille, 1802: 211

135 species and 14 subspecies (Turkish fauna)

40 species and 13 subspecies (originally described taxa from Turkey)
Ratio for Turkish fauna: 35.57%

29 species and 8 subspecies (endemics)
Ratio for Turkish fauna: 24.83%

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

21 species and 2 subspecies (Turkish fauna)

11 species and 2 subspecies (originally described taxa from Turkey)
Ratio for Turkish fauna: 56.52%

6 species and 1 subspecies (endemics)
Ratio for Turkish fauna: 30.43%

SUBFAMILY DORCADIONINAE Swainson, 1840: 290

201 species and 42 subspecies (Turkish fauna)

138 species and 66 subspecies (originally described taxa from Turkey)
Ratio for Turkish fauna: 83.95%

130 species and 59 subspecies (endemics)
Ratio for Turkish fauna: 77.77%

SUBFAMILY LAMIINAE Latreille, 1825: 401

198 species and 20 subspecies (Turkish fauna)

76 species and 19 subspecies (originally described taxa from Turkey)
Ratio for Turkish fauna: 43.58%

52 species and 9 subspecies (endemics)
Ratio for Turkish fauna: 27.98%

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