

Review article**Checklist of the Coleoptera (Hexapoda: Insecta) of Diyarbakır Province, Türkiye****Sadreddin TUSUN¹, Medeni AYKUT^{2,*}**¹ Dicle University, Ziya Gökalp Education Faculty, Department of Mathematics and Science, 21280 Diyarbakır, Türkiye² Dicle University, Ziya Gökalp Education Faculty, Department of Mathematics and Science, 21280 Diyarbakır, Türkiye*Corresponding Author e-mail: medeni.aykut@dicle.edu.tr

Abstract: This study presents a comprehensive checklist of the Coleoptera fauna of Diyarbakır Province, located in southeastern Türkiye at the intersection of Mesopotamia and Anatolia. The checklist based on the previously published faunistic and taxonomic studies. The species are arranged alphabetically within families and for each entrance the origin of reference to the published record is provided. A total of 703 taxa belonging to 47 families within the order Coleoptera are listed. The checklist was prepared aiming to provide an updated and integrative overview of the beetle diversity in the region. This work contributes to the knowledge of the Turkish entomofauna and serves as a valuable baseline for future faunistic, taxonomic, and ecological studies.

Keywords: Coleoptera, checklist, biodiversity, Diyarbakır, Türkiye

Citing: Tusun, S., & Aykut, M. (2026). Checklist of the Coleoptera (Hexapoda: Insecta) of Diyarbakır Province, Türkiye. *Acta Biologica Turcica*, 39(2), kswg20260202-19p.

Introduction

The order Coleoptera is the most successful insect order represent about 38% of all species in 39 insect orders. Represents one of the most diverse groups within the class Insecta, comprising a substantial proportion of global terrestrial biodiversity (Zhang, 2013). Beetles occupy a wide range of ecological niches and play essential roles in ecosystem functioning, including decomposition, nutrient cycling, pollination, and biological control (Ghannem et al., 2018). Despite their ecological importance and remarkable diversity, regional faunistic data for many parts of the world, including southeastern Türkiye, remain incomplete or fragmented.

Diyarbakır is located in the southeastern part of Türkiye within the Southeastern Anatolia Region, a geographically and ecologically heterogeneous area that serves as a transitional zone between Anatolian, Mesopotamian, and Irano-Turanian biogeographic regions. This unique positioning contributes to a potentially rich and diverse insect fauna. The province lies approximately between 37°30'–38°30' N latitudes

and 40°30'–41°30' E longitudes, with an average elevation of around 650–700 meters above sea level, although surrounding areas exhibit notable altitudinal variation (Çağlıyan and Dağlı, 2022).

The topography of Diyarbakır is characterized by a combination of basaltic plateaus, alluvial plains, and river valleys. Large parts of the province are covered by fertile plains formed by volcanic activity and fluvial processes, which provide suitable habitats for a variety of terrestrial and semi-aquatic beetle species. The climate is predominantly continental, with hot, dry summers and cold winters. The mean annual precipitation ranges between approximately 450 and 550 mm, with most rainfall occurring during the winter and spring months. These climatic conditions, together with seasonal variability, significantly influence habitat structure and insect distribution patterns (Karadoğan and Kavak, 2017).

One of the most defining geographical features of the region is the Tigris River (Dicle Nehri), which flows through Diyarbakır and plays a crucial role in shaping the local ecosystem. The river and its associated

riparian habitats support a wide range of aquatic and semi-aquatic Coleoptera, particularly within families such as Dytiscidae and Hydrophilidae. In addition to natural water systems, large-scale water management projects implemented in recent decades under the Southeastern Anatolia Project (GAP) have led to the construction of several dams, including the Dicle Dam. These artificial reservoirs have significantly altered local hydrology and created new aquatic habitats, potentially influencing species composition and distribution (Aykut, 2018; Taşar, 2018).

Land use in Diyarbakır is dominated by agricultural activities, particularly cereal cultivation, alongside steppe vegetation and fragmented natural habitats. This mosaic landscape structure, combining anthropogenic and natural elements, provides diverse ecological conditions that may support both generalist and specialized beetle species. However, increasing anthropogenic pressures, including urbanization, agricultural intensification, and habitat modification, may also pose threats to local biodiversity (Çağlıyan and Dağlı, 2022).

Although various entomological studies have been conducted in Türkiye, comprehensive faunistic assessments focusing specifically on Coleoptera in Diyarbakır are still limited. Existing records are often scattered across different taxonomic and regional studies, making it difficult to obtain an integrated understanding of the province's beetle fauna. Therefore, a consolidated checklist is essential to summarize current knowledge, identify faunal gaps, and provide a baseline for future ecological and biogeographical research.

The present study aims to compile a comprehensive checklist of Coleoptera species recorded from Diyarbakır province, based on both literature data and, where available, recent field observations. This work is expected to contribute to a better understanding of regional biodiversity and support future taxonomic, ecological, and conservation-oriented studies in southeastern Türkiye.

Material and Methods

This study is based on a comprehensive review of all published papers concerning the Coleoptera fauna and systematics of Diyarbakır Province. Relevant literature was carefully examined, and only species with clearly specified localities were included in the checklist. According to Zhang (2013), the order Coleoptera is represented by 207 families; however, in

the present study, only those families represented by at least one species recorded from Diyarbakır were included, while families with no records from the study area were excluded from the checklist. The classification was done based on Zhang (2013) and the families are arranged alphabetically.

Results

The literature review revealed a total of 703 Coleoptera taxa belonging to 47 families from Diyarbakır Province. These records demonstrate that the province supports a taxonomically diverse beetle fauna associated with terrestrial, aquatic, semi-aquatic, agricultural, and riparian habitats. The recorded taxa represent a broad range of ecological groups, including predators, herbivores, saproxylic species, decomposers, dung beetles, stored-product pests, and species associated with freshwater ecosystems.

The identified taxa are distributed mainly within the suborders Adephaga and Polyphaga, whereas no species record was found for the suborder Protocoleoptera. Adephaga is represented particularly by aquatic and ground-dwelling beetles belonging to families such as Carabidae, Dytiscidae, Gyrinidae, Haliplidae, and Noteridae. Polyphaga constitutes the largest component of the checklist and includes numerous species from families such as Chrysomelidae, Curculionidae, Cerambycidae, Scarabaeidae, Coccinellidae, Staphylinidae, Tenebrionidae, Buprestidae, Hydrophilidae, and Elateridae.

The richness of the recorded Coleoptera fauna reflects the ecological heterogeneity of Diyarbakır Province. Aquatic and semi-aquatic species are primarily associated with the Tigris River, streams, irrigation channels, reservoirs, and temporary water bodies, while terrestrial species occur in steppe habitats, agricultural lands, orchards, vineyards, forest patches, pasturelands, and human-modified environments. The relatively high number of species recorded from cultivated areas also indicates the importance of agricultural ecosystems in supporting both economically important pest species and beneficial predatory or parasitoid-associated beetles.

The checklist presented below was arranged according to the taxonomic classification adopted in the present study. Taxa are listed under their respective suborders, superfamilies, and families, and the families are presented alphabetically where appropriate. Species names are accompanied by the literature sources reporting their occurrence in

Diyarbakır Province. This systematic arrangement provides an integrated overview of the currently known Coleoptera fauna of the province and facilitates the identification of taxonomic groups requiring further faunistic and field-based investigation.

Phylum: Arthropoda von Siebold, 1848

Subphylum: Hexapoda Latreille, 1825

Class: Insecta Linnaeus, 1758

Order Coleoptera Linnaeus, 1758

Suborder: Protocoleoptera Tillyard, 1934

There is no record from this suborder.

Suborder: Adephaga Schellenberg, 1806

Superfamily: Caraboidea Latreille, 1802

Family: Cicindellidae Latreille, 1802

Cicindella campestris L., 1758: Bolu, 2016a.

Superfamily: Dytiscoidea Latreille, 1802

Family: Haliplidae Aubé, 1836

Peltodytes caesus (Duftschmid, 1805): Taşar, 2018.

Family: Noteridae Thomson, 1860

Noterus clavicornis (De Geer, 1774): Taşar, 2018.

Superfamily: Gyrinoidea Lech, 1815

Family: Gyrinidae Latreille, 1810

Gyrinus distinctus Aubé, 1838: Taşar, 2018.

Family: Carabidae Latreille, 1802

Amara aenea (De Geer, 1774): Bolu, 2016a.

Chlaenius festivus (Panzer, 1796): Bolu, 2016a.

Corsyra fusula (Fischer von Waldheim, 1820): Bolu, 2016a.

Daptus vittatus Fischer von Waldheim, 1823: Bolu, 2016a.

Harpalus aeneus Dejean, 1829: Bolu, 2016a.

Harpalus saxicola Dejean, 1829: Bolu, 2016a.

Pseudoophonus rufipes (De Geer, 1774): Bolu, 2016a.

Parazuphium chevrolati (Castelnau, 1833): Bolu, 2016a.

Zabrus asiaticus (Laporte de Castelnau, 1834): Duman, 2019.

Zabrus blapoides Creutz, 1799: Bolu, 2016a.

Zabrus sp. nr. *socialis* Sch.: Bolu, 2016a.

Zabrus polina (Gautier des Cottés, 1869): Duman, 2019.

Zabrus spinipes (Fabricius, 1798): Bolu, 2016a.

Zabrus tenebrioides (Goeze, 1777): Bolu, 2016a; Duman, 2019; Duman, 2021.

Family: Dytiscidae Leach, 1815

Agabus biguttatus (Olivier, 1795): Aykut and Esen, 2017; Aykut, 2018.

Agabus bipustulatus (Linnaeus, 1767): Aykut and Esen, 2017; Aykut, 2018.

Agabus caraboides (Sharp, 1882): Aykut and Esen, 2017; Aykut, 2018.

Agabus conspersus (Marsham, 1802): Aykut, 2018.

Agabus didymus (Olivier, 1795): Aykut, 2018.

Agabus faldermanni Zaitzev, 1927: Darılmaz and Kiyak, 2009.

Agabus nebulosus (Forster, 1771): Aykut, 2018; Uzen et al., 2021.

Agabus sturmii (Gyllenhal, 1808): Aykut and Esen, 2017.

Bidessus calabricus (Guignot, 1957): Aykut, 2018; Uzen et al., 2021.

Bidessus unistriatus (Goeze, 1777): Aykut, 2018.

Colymbetes fuscus (Linnaeus, 1758): Aykut, 2017; 2018.

Deronectes evelynae Fery and Hosseinie, 1998

Deronectes longipes Sharp, 1882: Darılmaz and Kiyak, 2009.

Deronectes syriacus Wewalka, 1970: Darılmaz and Kiyak, 2009.

Dytiscus marginalis (Linnaeus, 1758): Aykut, 2018.

Graptodytes sedilloti phrygius Guignot, 1942: Darılmaz and Kiyak, 2009.

Hydroglyphus geminus (Fabricius, 1792): Aykut, 2018; Uzen et al., 2021.

Hydroporus discretus (Fairmaire and Brisout, 1859): Aykut, 2018; Uzen et al., 2021.

Hydroporus kozlovskii (Zaitzev, 1927): Aykut, 2018.

Hydroporus marginatus (Duftschmid, 1805): Aykut, 2018.

Hydroporus palustris L., 1758: Uzen et al., 2021.

Hydroporus planus (Fabricius, 1782): Aykut, 2018.

Hydroporus pubescens (Gyllenhal, 1808): Aykut, 2018.

Hydroporus tessellatus (Drapiez, 1819): Aykut, 2018.

Hydroporus transgrediens (Gschwendtner, 1923): Aykut, 2018.

Hygrotus armeniacus (Zaitzev, 1927): Aykut, 2018.

Hygrotus confluens (Fabricius, 1787): Aykut, 2018; Aykut and Tuğal, 2023.

Hygrotus impressopunctatus (Schaller, 1783): Aykut, 2018.

Hygrotus inaequalis (Fabricius, 1777): Aykut, 2018.

Hygrotus lernaeus (Schaum, 1857): Darılmaz and Kiyak, 2009.
Hygrotus marklini (Gyllenhal, 1813): Aykut, 2018; Aykut and Tuğal, 2023.
Ilybius chalconatus (Panzer, 1796): Aykut, 2018.
Ilybius fuliginosus (Fabricius, 1792): Aykut and Esen, 2017; Aykut, 2018.
Laccophilus hyalinus (De Geer, 1774): Aykut and Esen, 2017; Aykut, 2018.
Laccophilus minutus (Linnaeus, 1758): Aykut and Esen, 2017; Aykut, 2018.
Laccophilus poecilus (Klug, 1834): Aykut, 2018; Aykut and Tuğal, 2023.
Liopterus haemorrhoidalis (Fabricius, 1787): Uzen et al., 2021.
Nebrioporus airumilus (Kolenati, 1845): Aykut, 2018; Aykut and Tuğal, 2023.
Nebrioporus stearinus (Kolenati, 1845): Aykut, 2018.
Platambus lunulatus (Fischer von Waldheim, 1829): Aykut, 2018.
Platambus maculatus (Linnaeus, 1758): Aykut, 2018; Aykut and Tuğal, 2023.
Rhantus suturalis (W.S. Macleay, 1825): Aykut, 2018.
Scarodytes halensis (Fabricius, 1787): Aykut and Esen, 2017; Aykut, 2018.

Suborder: Polyphaga Emery, 1886

Superfamily: Hydrophiloidea Latreille, 1802

Family: Helophoridae Latreille, 1802

Helophorus aquaticus (Linnaeus, 1758): Lodos et al., 1984; Gözüaık, 2012; Bolu et al., 2018; Mart and İlkaya, 2021.
Helophorus (*Atracthelophorus*) *brevipalpis* Bedel, 1881: Gözüaık, 2012; Bolu et al., 2018; Taşar, 2018.
Helophorus (*Atracthelophorus*) *daedalus* (d'Orchymont, 1932): Bolu et al., 2018; Mart and İlkaya, 2021.
Helophorus (*R.*) *hilaris* Sharp, 1916: Bolu et al., 2018.
Helophorus (*Atracthelophorus*) *lewisi* (Angus, 1985): Bolu et al., 2018; Mart and İlkaya, 2021.
Helophorus (*Eutrichelophorus*) *micans* (Faldermann, 1835): Lodos et al., 1984; Gözüaık, 2012; Bolu et al., 2018; Mart and İlkaya, 2021.
Helophorus (*Empleurus*) *nubilus* Fabricius, 1777: Bolu et al., 2018; Mart and İlkaya, 2021.
Helophorus (*Rhopalohelophorus*) *arvernicius* Mulsant, 1846: Taşar, 2018.
Helophorus (*Rhopalhelophorus*) *discrepans* (Rey, 1885): Mart and İlkaya, 2021.
Helophorus (*Rhopalhelophorus*) *frater* (d'Orchymont, 1926): Mart and İlkaya, 2021.

Helophorus (*Rhopalhelophorus*) *hilaris* (Sharp, 1916): Mart and İlkaya, 2021.
Helophorus (*Rhopalohelophorus*) *minutus* Fabricius, 1775: Taşar, 2018.
Helophorus (*Rhopalhelophorus*) *pallidipennis* (Mulsant & Wachanru, 1852): Bolu et al., 2018; Mart and İlkaya, 2021.
Helophorus (*Rhopalohelophorus*) *subcarinatus* Angus, 1985: Taşar, 2018.
Helophorus syriacus Kuwert, 1885: Bolu et al., 2018; Mart and İlkaya, 2021.

Family: Hydrophilidae Latreille, 1802

Anacaena limbata (Fabricius, 1792): Mart and İlkaya, 2021.
Anacaena lutescens (Stephens, 1829): Mart and İlkaya, 2021.
Anacaena rufipes (Guillebeau, 1896): Mart and İlkaya, 2021.
Coelostoma orbiculare (Fabricius, 1775): Mart and İlkaya, 2021; Aydoğān et al., 2022.
Enochrus bicolor (Fabricius, 1792): Taşar, 2018.
Enochrus calabricus (Ferro, 1986): Taşar, 2018.
Enochrus halophilus (Bedel, 1878): Taşar, 2018.
Enochrus ochropterus (Marsham, 1802): Taşar, 2018.
Enochrus politus (Küster, 1849): Taşar, 2018.
Enochrus (*Lumetus*) *quadripunctatus* (Herbst, 1797): Mart and İlkaya, 2021.
Enochrus (*Lumetus*) *fuscipennis* (Thomson, 1884): Mart and İlkaya, 2021.
Helochares lividus (Forster, 1771): Taşar, 2018.
Helochares obscurus (O. F. Müller, 1776): Taşar, 2018.
Helochares punctatus Sharp, 1869: Taşar, 2018.
Hydrobius fuscipes (Linnaeus, 1758): Mart and İlkaya, 2021.
Hydrochara caraboides (Linnaeus, 1758): Taşar, 2018.
Hydrochara dichroma (Fairmaire, 1982): Mart and İlkaya, 2021.
Hydrochara flavipes (Steven, 1808): Taşar, 2018.
Hydrophilus piceus (Linnaeus, 1758): Taşar, 2018.
Laccobius alternus Motschulsky, 1855: Taşar, 2018.
Laccobius bipunctatus (Fabricius, 1775): Taşar, 2018; Aydoğān et al., 2022.
Laccobius gracilis Motschulsky, 1855: Topkara and Ustaoglu, 2014; Aydoğān et al., 2022.
Laccobius hindukuschi Chiesa, 1966: Taşar, 2018.
Laccobius sculptus D'orchymont, 1935: Aydoğān et al., 2022.
Laccobius simulatrix d'Orchymont, 1932: Taşar, 2018; Aydoğān et al., 2022.

Laccobius (*Dimorpholaccobius*) *sipylus* (d'Orchymont), 1839: Bolu et al., 2018; Mart and İlkaya, 2021.

Laccobius sulcatulus Reitter, 1909: Bolu et al., 2018; Aydoğan et al., 2022.

Laccobius syriacus (Guillebeau, 1896): Topkara and Ustaoglu, 2014; Mart and İlkaya, 2021; Aydoğan et al., 2022.

Paracymus chalceolus (Solsky, 1874): Taşar, 2018.

Sphaeridium marginatum (Fabricius, 1787): Zeybek et al., 2024.

Sphaeridium scarabaeoides (Linnaeus, 1758): Zeybek et al., 2024.

Superfamily: Staphylinioidea Latreille, 1802

Family: Hydraenidae Mulsant, 1844

Limnebius (*Bilimneus*) *perparvulus* Rey, 1884: Topkara and Ustaoglu, 2014.

Ochthebius (*Asiobates*) *striatus* Castelnau, 1840: Topkara and Ustaoglu, 2014.

Ochthebius (*s.str.*) *lividipennis* Peyron, 1858; Topkara and Ustaoglu, 2014.

Family: Silphidae Latreille, 1807

Ablattari alaeigata Fabricius, 1775: Bolu et al., 2018.

Aclypea undata Muller, 1776: Bolu et al., 2018.

Family: Staphylinidae Latreille, 1802

Anotylus inustus Gravenhorst, 1806: Anlaş, 2009; Özgen et al., 2010; Özgen and Anlaş, 2011; Bolu et al., 2018.

Anotylus tetracarlinatus (Block, 1799): Şimşek and Bolu, 2016; Bolu et al., 2018.

Aleochara tristis Gravenhorst, 1806: Tezcan and Anlaş, 2009; Özgen and Anlaş, 2011; Şimşek and Bolu, 2016; Bolu et al., 2018.

Astenus melanurus Küster, 1853: Anlaş, 2009; Özgen and Anlaş, 2011; Bolu et al., 2018; Özgen and Örgel, 2021.

Bledius furcatus Olivier, 1811: Anlaş, 2009; Özgen and Anlaş, 2011; Bolu et al., 2018.

Bolitobius castaneus Stephens, 1832: Özgen and Anlaş, 2011; Bolu et al., 2018.

Bryoporus multipunctus Hampe, 1867: Özgen and Anlaş, 2011; Bolu et al., 2018.

Carpelimus bilineatus Stephens, 1834: Özgen and Anlaş, 2011; Bolu et al., 2018.

Carpelimus corticinus Gravenhorst, 1802: Özgen and Anlaş, 2011; Bolu et al., 2018.

Coproporus colchicus Kraatz, 1858: Özgen and Anlaş, 2011; Bolu et al., 2018.

Lamprinodes fairmairei Leprieur, 1853: Anlaş, 2009; Özgen and Anlaş, 2011; Bolu et al., 2018.

Luzea nigrigula Erichson, 1840: Özgen and Anlaş, 2011; Bolu et al., 2018.

Lordithon exoletus Erichson, 1839: Özgen and Anlaş, 2011; Bolu et al., 2018.

Medon semiobscurus Fauvel, 1875: Özgen and Anlaş, 2011; Bolu et al., 2018.

Micrillus testaceus Erichson, 1840: Özgen and Anlaş, 2011; Bolu et al., 2018.

Ocypus mus (Brulle, 1832): Özgen and Örgel, 2021.

Paederus fuscipes Curtis, 1840: Özgen and Anlaş, 2011; Bolu et al., 2018; Özgen and Örgel, 2021.

Philonthus atratus Gravenhorst, 1802: Özgen and Anlaş, 2011; Bolu et al., 2018.

Philonthus concinnus Gravenhorst, 1802: Özgen and Anlaş, 2011; Bolu et al., 2018.

Philonthus cruentatus (Gmelin, 1790): Özgen and Örgel, 2021.

Sepedophilus littoreus Linnaeus, 1758: Özgen and Anlaş, 2011; Bolu et al., 2018.

Scopaeus ebneri Scheerpeltz, 1929: Özgen and Anlaş, 2011; Bolu et al., 2018.

Staphylinus caesareus Cederhjelm, 1798: Özgen and Örgel, 2021.

Tachinus fimetarius Gravenhorst, 1802: Özgen and Anlaş, 2011; Bolu et al., 2018.

Tachyporus chrysomelinus Linnaeus, 1758: Özgen and Anlaş, 2011; Bolu et al., 2018.

Tachyporus hypnorum Fabricius, 1775: Özgen and Anlaş, 2011; Özgen et al., 2011

Tachyporus nitidulus (Fabricius, 1781): Özgen et al., 2010; Özgen and Anlaş, 2011; Özgen et al., 2011; Şimşek, 2012; Şimşek and Bolu, 2016; Bolu et al., 2018.

Tachyporus pusillus Gravenhorst, 1806: Özgen and Anlaş, 2011; Bolu et al., 2018.

Xantholinus rufipennis Erichson, 1839: Ergül et al., 1972; Bolu et al., 2018.

Superfamily: Scarabaeoidea Latreille, 1802

Family: Aphodiidae Latreille, 1802

Aphodius consputus Creutzer, 1799: Pehlivan et al., 1995; Bolu et al., 2018.

Aphodius ghardimaouensis Balthasar, 1829: Pehlivan et al., 1995; Bolu et al., 2018.

Aphodius granarius Linnaeus, 1767: Lodos et al., 1984; Lodos et al., 1999; Gözüaçık, 2012; Bolu et al., 2018.

Aphodius erraticus Linnaeus, 1758: Lodos et al., 1984; Lodos et al., 1999; Gözüaık, 2012; Bolu et al., 2018.
Aphodius fimetarius Linnaeus, 1758: Lodos et al., 1984; Lodos et al., 1999; Gözüaık, 2012; Bolu et al., 2018.
Aphodius fritsehi Balthasar, 1933: Pehlivan et al., 1995; Bolu et al., 2018.
Aphodius immundus Creutzer, 1799: Pehlivan et al., 1995; Lodos et al., 1999; Bolu et al., 2018.
Aphodius lineimargo Reitter, 1892: Pehlivan et al., 1995; Bolu et al., 2018.
Aphodius luridus Fabricius, 1775: Lodos et al., 1984; Lodos et al., 1999; Gözüaık, 2012; Bolu et al., 2018.
Acrossus luridus Fabricius, 1775: Lodos et al., 1984; Lodos et al., 1999; Bolu et al., 2018.
Aphodius melanostichus Schmidt, 1840: Lodos et al., 1984; Lodos et al., 1999; Gözüaık, 2012; Bolu et al., 2018.
Aphodius moestus Fabricius, 1801: Pehlivan et al., 1995; Bolu et al., 2018.
Aphodius persicus Petrovitz, 1961: Pehlivan et al., 1995; Bolu et al., 2018.
Aphodius quadriguttatus Herbst, 1783: Lodos et al., 1984; Lodos et al., 1999; Gözüaık, 2012; Bolu et al., 2018.
Aphodius quadrimaculatus Linnaeus, 1761: Lodos et al., 1999; Bolu et al., 2018.
Aphodius tessulatus Paykull, 1798: Lodos et al., 1984; Gözüaık, 2012; Bolu et al., 2018.
Aphodius transvolgensis Semenov, 1898: Pehlivan et al., 1995; Bolu et al., 2018.
Aphodius satellitus Herbst, 1789: Pehlivan et al., 1995; Bolu et al., 2018.
Aphodius serotinus Panzer, 1799: Pehlivan et al., 1995; Bolu et al., 2018.
Aphodius sphaculatus Panzer, 1798: Pehlivan et al., 1995; Bolu et al., 2018.
Aphodius subterraneus Linnaeus, 1758: Lodos et al., 1984; Gözüaık, 2012; Bolu et al., 2018.
Aphodius zurcheri Reitter, 1908: Pehlivan et al., 1995; Bolu et al., 2018.
Paracoptochirus singularis Harold, 1868: Pehlivan et al., 1995; Bolu et al., 2018.

Family: Cetoniidae Leach, 1815

Oxythyrea cinctella (Schaum, 1841): Sadıkoğlu, 2025.
Potosia cuprea Reitter, 1898: Pehlivan et al., 1995; Bolu et al., 2018.
Potosia speciosa Adams, 1817: Pehlivan et al., 1995; Bolu et al., 2018.

Potosia subpilosa Desbrochers des Loges, 1869: Pehlivan et al., 1995; Bolu et al., 2018.
Potosia vidua Gory & Perch., 1833: Pehlivan et al., 1995; Bolu et al., 2018.
Valgus hemipterus Linnaeus, 1758: Lodos et al., 1999; Bolu et al., 2018.

Family: Glaphyridae W. S. MacLeay, 1819

Eulasia alepensis (Menetries, 1832): Pehlivan et al., 1995; Bolu et al., 2018.
Eulasia chalybaea Linnaeus, 1758: Pehlivan et al., 1995; Bolu et al., 2018.
Eulasia fastuosa Reitter, 1890: Pehlivan et al., 1995; Bolu et al., 2018.
Eulasia ithaea (Reitter, 1890): Pehlivan et al., 1995; Bolu et al., 2018.
Eulasia praeusta Champenois, 1896: Pehlivan et al., 1995; Bolu et al., 2018.
Eulasia pretiosa Reitter, 1890: Pehlivan et al., 1995; Bolu et al., 2018.
Eulasia vittata Fabricius, 1775: Pehlivan et al., 1995; Bolu et al., 2018.
Euonthophagus atramentarius Ménétrés, 1838: Pehlivan et al., 1995; Bolu et al., 2018.
Glaphyrus festivus Ménétrés, 1836: Pehlivan et al., 1995; Bolu et al., 2018.
Glaphyrus micans Faldermann, 1835: Pehlivan et al., 1995; Bolu et al., 2018.
Glaphyrus varians Reitter, 1903: Pehlivan et al., 1995; Bolu et al., 2018.
Pygopleurus angulatus Fairmaire, 1884: Pehlivan et al., 1995; Bolu et al., 2018.
Pygopleurus foina Reitter, 1890: Pehlivan et al., 1995; Bolu et al., 2018.
Pygopleurus kareli Petrovitz, 1962: Pehlivan et al., 1995; Bolu et al., 2018.
Pygopleurus mithridates Petrovitz, 1962: Pehlivan et al., 1995; Bolu et al., 2018.
Pygopleurus rufovillosus Reitter, 1907: Pehlivan et al., 1995; Bolu et al., 2018.
Pygopleurus vulpes Fabricius, 1781: Pehlivan et al., 1995; Bolu et al., 2018.
Oxythyrea cinctella Schaum, 1841: Pehlivan et al., 1995; Bolu et al., 2018.
Palaeonthophagus lucidus Illiger, 1800: Pehlivan et al., 1995; Bolu et al., 2018.

Family: Rutelidae Latreille, 1802

Anisoplia austriaca Herbst, 1783: Pehlivan et al., 1995; Lodos et al., 1999; Bolu et al., 2018.

Anisoplia farraria Erichson, 1848: Pehlivan et al., 1995; Bolu et al., 2018.
Anisoplia leucaspis Laporte de Castelnau, 1840: Bolu et al., 2018.
Anisoplia noahi Petrovitz, 1873: Pehlivan et al., 1995; Bolu et al., 2018.
Anisoplia segetum Herbst, 1783: Pehlivan et al., 1995; Bolu et al., 2018.
Anisoplia syriaca Reitter, 1903: Pehlivan et al., 1995; Bolu et al., 2018.
Anomala osmanlis Blanchard, 1851: Pehlivan et al., 1995; Bolu et al., 2018.
Anomala solida Erichson, 1848: Pehlivan et al., 1995; Bolu et al., 2018.
Blitopertha nazarena Marseul, 1878: Adıgüzel, 1975; Karaca et al., 2012; Bolu et al., 2018.
Pharaonus varicoloreus Burmeister, 1844: Karaat and Göven, 1985; Karaat et al., 1986; Bolu et al., 2018.

Family: Scarabaeidae Latreille, 1802

Acrossus luridus (Fabricius, 1775): Özgen et al., 2014; Zeybek et al., 2024.
Aphodius contaminatus (Herbst, 1783): Zeybek et al., 2024.
Aphodius fimetarius (Linnaeus, 1758): Zeybek et al., 2024.
Aphodius (Otophorus) haemorrhoidalis (Linnaeus, 1758): Zeybek et al., 2024.
Aphodius (Acrossus) luridus (Fabricius, 1775): Şenyüz et al., 2013.
Biralus satellitius (Herbst, 1789): Zeybek et al., 2024.
Caccobius schreberi Linnaeus, 1767: Pehlivan et al., 1995; Lodos et al., 1999; Bolu et al., 2018.
Cheironitis pamphilus (Ménétriés, 1849): Zeybek and Çıkman, 2019; Zeybek et al., 2024.
Colobopterus erraticus (Linnaeus, 1758): Zeybek et al., 2024.
Copris hispanus cavolinii (Petagna, 1792): Sadıkoğlu, 2025.
Epicometis (Tropinota) hirta (Poda, 1761): Bolu et al., 2005; Maral et al. 2013; Bolu et al., 2018.
Eulasia arctos (Pallas, 1781): Sert and Özdemir, 2019.
Eulasia papaveris (Sturm, 1843): Sert and Özdemir, 2019.
Euonthophagus amyntas alces (Fabricius, 1792): Şenyüz et al., 2013; Zeybek et al., 2024.
Euonthophagus atramentarius (Ménétriés, 1832): Zeybek et al., 2024.
Gymnopleurus flagellatus Fabricius, 1787: Pehlivan et al., 1995; Lodos et al., 1999; Bolu et al., 2018.

Gymnopleurus geoffroyi geoffroyi Fuessly, 1775: Pehlivan et al., 1995; Lodos et al., 1999; Şenyüz et al., 2013; Bolu et al., 2018.
Gymnopleurus mopsus Pallas, 1781: Pehlivan et al., 1995; Lodos et al., 1999; Bolu et al., 2018.
Onitis damoetas Steven, 1806: Pehlivan et al., 1995; Lodos et al., 1999; Gözüaçık, 2012; Bolu et al., 2018.
Onitis humerosus Pallas, 1771: Pehlivan et al., 1995; Gözüaçık, 2012; Bolu et al., 2018.
Onthophagus fissicornis Steven, 1809: Lodos et al., 1999; Bolu et al., 2018.
Onthophagus fissinasus Fairmaire, 1895: Şenyüz et al., 2013; Bolu et al., 2018.
Onthophagus (Furconthophagus) furcatus (Fabricius, 1781): Lodos et al., 1999; Özgen et al., 2011; Bolu et al., 2018; Zeybek et al., 2024.
Onthophagus lucidus (Sturm, 1800): Gözüaçık, 2012; Şenyüz et al., 2013; Bolu et al., 2018.
Onthophagus taurus Schreber, 1759: Özgen et al., 2014; Zeybek et al., 2024.
Onthophagus sürmeli Petrovitz, 1963: Pehlivan et al., 1995; Bolu et al., 2018.
Oxythyrea cinctella (Schaum, 1841): Sert and Özdemir, 2019.
Polyphylla fullo Linnaeus, 1758: Karagöz et al., 2011; Özgen et al., 2014.
Protaetia (Potosia) funebris funebris (Gory & Percheron, 1833): Sert and Özdemir, 2019.
Protaetia (Potosia) funebris funesta (Méné-triès, 1836): Sert and Özdemir, 2019.
Scarabaeus pius Illiger, 1803: Pehlivan et al., 1995; Özgen et al., 2014; Bolu et al., 2018.
Scarabaeus sacer (Linnaeus, 1758): Zeybek et al., 2024.
Tropinota (= *Epicometis*) *hirta* (Poda, 1761): Kaplan, 2019.
Tropinota senicula Ménétries, 1832: Sert and Özdemir, 2019.

Family: Melolonthidae Latreille, 1802

Amphimallon caucasicus Gyllenhal, 1817 : Pehlivan et al., 1995; Bolu et al., 2018.
Amphimallon persicus Petrovitz, 1963: Pehlivan et al., 1995; Bolu et al., 2018.
Anoxia meridionalis Reitter, 1890: Pehlivan et al., 1995; Bolu et al., 2018.
Haplidia migliaccidi Baraud, 1975: Pehlivan et al., 1995; Bolu et al., 2018.
Haplidia transversa Fabricius, 1801: Pehlivan et al., 1995; Bolu et al., 2018.

Homaloplia labrata Burmeister, 1855: Pehlivan *et al.*, 1995; Bolu *et al.*, 2018.

Polyphylla fullo Linnaeus, 1758: Karagöz *et al.*, 2011; Bolu *et al.*, 2018.

Superfamily: Buprestoidea Leach, 1815

Family: Buprestidae Leach, 1815

Acmaeoderella vetusta Ménériés, 1832: Bolu *et al.*, 2018.

Agrilus chlorophyllus Abeille de Perrin, 1904: Bolu *et al.*, 2018.

Agrilus convexicollis Redtenbacher 1849: Kismalı, *et al.*, 1995; Bolu *et al.*, 2018.

Agrilus hastulifer Ratzerburg, 1837: Kismalı, *et al.*, 1995; Bolu *et al.*, 2018.

Agrilus roscidus Kiesenwetter, 1857: Maral *et al.*, 2013; Bolu *et al.*, 2018.

Agrilus viridicaerulans Marseul, 1868: Kismalı, *et al.*, 1995; Bolu *et al.*, 2018.

Anthaxia armeniaca armeniaca Obenberger, 1929: Kismalı, *et al.*, 1995; Bolu *et al.*, 2018.

Anthaxia berytensis Abeille de Perrin, 1895: Kismalı, *et al.*, 1995; Bolu *et al.*, 2018.

Anthaxia cichorii Olivier, 1790: Tozlu and Yardibi, 2013; Bolu *et al.*, 2018.

Anthaxia eugeniae eugeniae Ganglbauer, 1885: Kismalı, *et al.*, 1995; Bolu *et al.*, 2018.

Anthaxia ghazi Cobos, 1965: Kismalı, *et al.*, 1995; Bolu *et al.*, 2018.

Anthaxia (s.str.) *lucens* Küster, 1852; Bolu and Özgen, 2011; Bolu *et al.*, 2018.

Anthaxia tractata Abeille de Perin, 1901: Bolu and Özgen, 2011.

Aurigena lugubris (Fabricius, 1777): Kismalı, 1995; Bolu *et al.*, 2018.

Aurigena lugubris longicollis Kraatz, 1881: Bolu *et al.*, 2005; Bolu *et al.*, 2018.

Aurigena viridicoerulans Marseul, 1868: Günaydın, 1978; Bolu, 2002; Bolu *et al.*, 2018.

Buprestis (*Ancylocheira*) *dalmatina* Mannerheim, 1837: Bolu *et al.*, 2020.

Capnodis carbonaria (Klug, 1829): Kismalı, *et al.*, 1995; Bolu *et al.*, 2018.

Capnodis cariosa hauseri (Obenberger, 1928): Kismalı, *et al.*, 1995; Bolu *et al.*, 2018.

Capnodis miliaris Klug, 1829: Kismalı, *et al.*, 1995; Bolu *et al.*, 2018.

Capnodis tenebrionis Linnaeus, 1758: Kismalı, *et al.*, 1995; Bolu *et al.*, 2018.

Capnodis tenebricosa Oliver, 1790: Günaydın, 1978; Kismalı, *et al.*, 1995; Bolu *et al.*, 2018.

Chalcophorella quadrioculata Redtenbacher, 1843: Bolu and Özgen, 2011; Bolu *et al.*, 2018.

Chalcophorella stigmatica (Schoenherr, 1817): Maçan, 1986; Kismalı *et al.*, 1995; Bolu *et al.*, 2018.

Chrysobothris affinis Fabricius, 1794: Bolu and Özgen, 2011; Bolu *et al.*, 2018.

Chrysobothris samai Curletti & Magnani, 1988: Bolu and Özgen, 2011; Bolu *et al.*, 2018.

Julodis armeniaca Marseul, 1865: Kismalı, *et al.*, 1995; Bolu *et al.*, 2005; Bolu and Özgen, 2011; Bolu *et al.*, 2018.

Julodis intricata Redtenbacher, 1843: Kismalı, *et al.*, 1995; Bolu *et al.*, 2018.

Julodis onopordi Fabricius, 1787: Kismalı, *et al.*, 1995; Bolu *et al.*, 2018.

Latipalpis stellio Kiesenwetter, 1857: Kismalı, *et al.*, 1995; Bolu *et al.*, 2018.

Melanophila picta Fabricius, 1787: Kismalı, *et al.*, 1995; Bolu *et al.*, 2018.

Meliboeus heydeni Abeille de Perrin, 1897: Bolu and Özgen, 2011; Bolu *et al.*, 2018.

Perotis lugubris Fabricius, 1777: Maçan, 1986; Bolu *et al.*, 2005; Bolu and Özgen, 2011;

Ptosima flavoguttata (Illiger, 1803): Kismalı, *et al.*, 1995; Bolu *et al.*, 2018.

Scintillatrix solieri Laporte & Gory, 1837: Kismalı, *et al.*, 1995; Bolu *et al.*, 2018.

Sphenoptera (*Trop.*) *anthaxoides* Reitter, 1895: Bolu *et al.*, 2005; Bolu and Özgen, 2011;

Sphenoptera coracina Steven, 1830: Kismalı, *et al.*, 1995; Bolu *et al.*, 2018.

Sphenoptera simulatrix Reitter, 1895: Bolu *et al.*, 2018.

Sphenoptera (*Tropeopeltis*) *tappesi* Marseul, 1865: Kismalı, *et al.*, 1995; Bolu *et al.*, 2005; Bolu *et al.*, 2009; Bolu and Özgen, 2011; Bolu *et al.*, 2011.

Sphenoptera tauricola Obenberger, 1927: Kismalı, *et al.*, 1995; Bolu *et al.*, 2018.

Stigmatophorella quadrioculata Redtenbacher, 1843: Kismalı, *et al.*, 1995; Bolu *et al.*, 2018.

Superfamily: Byrrhoidea Latreille, 1804

Family: Dryopidae Latreille, 1802

Dryops rufipes (Krynicky, 1832): Taşar, 2018.

Family: Heteroceridae W. S. MacLeay, 1825

Heterocerus fenestratus Thunberg, 1784: Taşar and Mascagni, 2014; Bolu *et al.*, 2018.

Family: Hydrochidae Thomson, 1859

Hydrochus flavipennis Kuster, 1852: Taşar, 2018.

Family: Histeridae Gyllenhal, 1808

Atholus bimaculatus (Linnaeus, 1758): Zeybek et al., 2024.

Superfamily: Elateroidea Leach, 1815

Famil: Cantharidae Latreille, 1802

Cantharis decipiens Baudi, 1871: Kaplan, 2019.

Family: Elateridae Leach, 1815

Aeoloderma crucifer (Rossi, 1790): Özgen et al., 2012.
Agriotes lineatus Linnaeus, 1767: Karaat, 1986; Bolu et al., 2018.

Cardiophorus nigratissimus Buysson, 1891: Kabalak and Sert, 2005; Kesdek et al., 2006; Bolu et al., 2018; Sert and Özdemir, 2019.

Cardiophorus vestigialis Erichson, 1840: Özgen et al., 2012.

Drasterius bimaculatus (Rossi, 1790): Özgen et al., 2012; Sadıkoğlu, 2025.

Melanotus fusciceps Gyllenhal, 1817: Kesdek et al., 2006; Surgut and Varlı, 2012;

Superfamily: Bostrichoidea Latreille, 1802

Family: Bostichidae Latreille, 1802

Xylopertha reflexicauda (Lesne 1937): Özgen and Háva, 2021.

Family: Dermestidae Latreille, 1804

Anthrenus (s.str.) simonis Reitter, 1881: Bolu, 2016a.

Anthrenus (Nathrenus) pubifer Reitter, 1899: Bolu, 2016a.

Anthrenus (Nathrenus) pubifer Reitter, 1899: Bolu, 2016a.

Anthrenus verbasci (Linnaeus, 1767): Bolu, 2016a.

Trogoderma granarium Everts, 1898: Bolu, 2016a.

Trogoderma versicolor (Creutzer, 1799): Bolu, 2016a.

Family: Bostrichidae Latreille, 1802

Rhyzopertha dominica (Fabricius, 1792): Bolu, 2016a.

Superfamily: Cleroidea Latreille, 1802

Family: Trogossitidae Latreille, 1802

Tenebroides mauritanicus Linnaeus, 1758: Bolu, 2016a.

Superfamily: Cucujoidea Latreille, 1802

Family: Silvanidae Kirby, 1837

Oryzaephilus surinamensis (Linnaeus, 1758): Bolu, 2016a.

Superfamily: Cleroidea Latreille, 1802

Family: Malachiidae Latreille, 1802

Malachius aeneus (Linnaeus, 1758): Sert and Özdemir, 2019.

Family: Phalacridae Leach, 1815

Olibrus flaviZea mays L.is (Sturm, 1807): Bolu, 2016a.

Stilbus apicalis (Melsheimer, 1844): Bolu, 2016a.

Family: Nitidulidae Latreille, 1802

Carpophilus nepos Murray, 1864: Balıkçı and Bayhan, 2024.

Family: Coccinellidae Latreille, 1807

Adalia bipunctata Linnaeus, 1758: Lodos, 1977b; Gözüaık et al., 2012; Bolu, 2016a; Balıkçı and Bayhan, 2024; Kaçar and Dilmen, 2025.

Adalia decempunctata (Linnaeus, 1758): Bolu, 2016a; Kaçar and Dilmen, 2025.

Adalia fasciatopunctata revelierei (Mulsant, 1866): Bolu, 2016a.

Adonia variegata (Goeze, 1777): Lodos, 1977b; Bolu, 2016a.

Chilocorus bipustulatus (Linnaeus, 1758): Bolu, 2016a.

Clitostethus arcuatus (Rossi, 1794): Gözüaık et al., 2012; Bolu, 2016a.

Coccinella bipunctata (Linnaeus, 1758): Kaplan, 2017

Coccinella septempunctata (Linnaeus, 1758): Lodos, 1977a; Duman et al., 2013; Şimşek and Bolu, 2016; Bolu, 2016a.; Kaplan, 2017; Sert and Özdemir, 2019; Balıkçı and Bayhan, 2024.

Coccinula sinuatomarginata (Faldermann, 1837): Bolu, 2016a.

Coccinella undecimpunctata Linnaeus, 1758: Gözüaık et al., 2012; Bolu, 2016a; Kaplan, 2017.

Coccinella quatuordecimpustulata Linnaeus, 1758: Gözüaık et al., 2012; Bolu, 2016a.

Epilachna chiysomeline (Fabricius, 1775): Lodos, 1977b.

Exochomus flavipes (Thunberg, 1781): Bolu, 2016a.

Exochomus nigromaculatus (Goeze, 1777): Özgen and Karasavuran, 2010; Gözüaık et al., 2012; Bolu, 2016a; Kaçar and Dilmen, 2025.

Exochomus quadripustulatus (Linnaeus, 1758): Lodos, 1977b; Gözüaık et al., 2012; Sert and Özdemir, 2019.

Harmonia axyridis (Pallas, 1773): Balıkçı and Bayhan, 2024.

Harmonia quadripunctata (Pontoppidan, 1763): Bolu, 2016a.

Henosepilachna argus (Geoffroy, 1762): Gözüaık et al., 2012; Bolu, 2016a.

Henosepilachna elaterii Rossi, 1794: Bolu, 2016a.

Hippodamia variegata (Goeze, 1777): Gözüaık et al., 2012; Bolu, 2016a; Şimşek and Bolu, 2016; Balıkı and Bayhan, 2024; Kaar and Dilmen, 2025.

Hyperaspis femorata (Motschulsky, 1837): Bolu, 2016a.

Hyperaspis quadrimaculata (Redtenbacher, 1844): Bolu, 2016a; Şimşek and Bolu, 2016; Balıkı and Bayhan, 2024; Kaar and Dilmen, 2025.

Hyperaspis repensis (Herbst, 1783): Bolu, 2016a.

Hyperaspis polita Weise, 1885: Bolu, 2016a.

Myrrha octodecimquttata (Linnaeus, 1758): Bolu, 2016a.

Myzia oblongoquttata (Linnaeus, 1758): Bolu, 2016a.

Nephus (Sidis) caneparıi Fürsch & Uygun, 1980: Gözüaık et al., 2012; Bolu, 2016a.

Nephus includens Kirsch, 1870: Gözüaık et al., 2012; Bolu, 2016a.

Nephus ludyi Weise, 1879: Gözüaık et al., 2012; Bolu, 2016a.

Nephus nigricans Weise, 1879: Özgen and Karasavuran, 2010; Duman et al., 2013; Bolu, 2016a; Şimşek and Bolu, 2016; Balıkı and Bayhan, 2024.

Nephus quadrimaculatus (Herbst, 1783): Gözüaık et al., 2012; Bolu, 2016a.

Oenopia conglobata (Linnaeus, 1758): Gözüaık et al., 2012; Bolu, 2016a; Şimşek and Bolu, 2016; Balıkı and Bayhan, 2024.

Oenopia oncina (Olivier, 1808): Gözüaık et al., 2012; Bolu, 2016a.

Pharoscymnus numidicus (Pic, 1900): Bolu, 2016a.

Pharoscymnus pharoides (Marseul, 1868): Gözüaık et al., 2012; Bolu, 2016a; Şimşek and Bolu, 2016.

Platynaspis luteorubra (Goeze, 1777): Gözüaık et al., 2012; Bolu, 2016a; Balıkı and Bayhan, 2024.

Propylea quatuordecimpunctata (Linnaeus, 1758): Bolu, 2016a; Kaar and Dilmen, 2025.

Psyllobora bisoctonotata (Mulsant, 1850): Bolu, 2016a.

Psyllobora vigintiduopunctata (Linnaeus, 1758): Lodos, 1977b; Gözüaık et al., 2012; Bolu, 2016a; Kaplan, 2017.

Rodolia cardinalis (Mulsant, 1850): Bolu, 2016a.

Scymnus apetzı Mulsant, 1846: Bolu, 2016a; Balıkı and Bayhan, 2024.

Scymnus (Pullus) araraticus Iablokoff-Khnzorian, 1969: Bolu, 2016a; Balıkı and Bayhan, 2024.

Scymnus (Pullus) auritus Thunberg, 1795: Gözüaık et al., 2012; Bolu, 2016a.

Scymnus bivulnerus Capra & Fürsch, 1967: Gözüaık et al., 2012; Duman et al., 2013; Bolu, 2016a.

Scymnus flagellisiphonatus (Fürsch, 1970): Gözüaık et al., 2012; Duman et al., 2013; Bolu, 2016a; Şimşek and Bolu, 2016; Balıkı and Bayhan, 2024.

Scymnus flavicollis Redtenbacher, 1843: Bolu, 2016a.

Scymnus frontalis Fabricius, 1787: Gözüaık et al., 2012; Bolu, 2016a.

Scymnus inderihensis Mulsant, 1850: Gözüaık et al., 2012; Bolu, 2016a.

Scymnus interruptus (Goeze, 1777): Bolu, 2016a.

Scymnus levaillanti Mulsant, 1850: Duman et al., 2013; Bolu, 2016a.

Scymnus marginalis (Rossi, 1794): Bolu, 2016a; Balıkı and Bayhan, 2024.

Scymnus mediterraneus Iablokoff-Khnzorian, 1972: Bolu, 2016a.

Scymnus nigrinus Kugelann, 1794: Bolu, 2016a.

Scymnus pallipediformis Gunther, 1958: Gözüaık et al., 2012; Duman et al., 2013; Bolu, 2016a.

Scymnus quadriguttatus (Fürsch & Kreissl, 1967): Özgen and Karasavuran, 2010; Gözüaık et al., 2012; Bolu, 2016a.

Scymnus quadrimaculatus (Herbst, 1783): Bolu, 2016a.

Scymnus rubromaculatus (Goeze, 1777): Özgen and Karasavuran, 2010; Bolu, 2016a; Balıkı and Bayhan, 2024.

Scymnus subvillosus (Goeze, 1777): Lodos, 1977b; Özgen and Karasavuran, 2010; Bolu, 2016a; Şimşek and Bolu, 2016.

Scymnus syriacus (Marseul, 1868): Gözüaık et al., 2012; Bolu, 2016a.

Stethorus gilvifrons (Mulsant, 1850): Özgen and Karasavuran, 2010; Bolu, 2016a; Şimşek and Bolu, 2016.

Stethorus punctillum (Weise, 1891): Gözüaık et al., 2012; Bolu, 2016a; Kaar and Dilmen, 2025.

Synharmonia conglobata (Linnaeus, 1758): Bolu, 2016a.

Tea vigintiduopunctata (Linnaeus, 1758): Bolu, 2016a.

Vibidia duodecimguttata (Poda, 1761): Bolu, 2016a.

Superfamily: Tenebrionoidea Latreille, 1802

Family: Mycetophagidae Leach, 1815

Typhae stercorea (Linnaeus, 1758): Bolu, 2016b.

Family: Tenebrionidae Latreille, 1802

Alphitobius diaperinus (Panzer): Aydın and Kismali, 1990.
Alphitobius laevigatus (Fabricius, 1781): Aydın and Kismali, 1990.
Alphitophagus bifasciatus (Say, 1824): Kasap, 1988.
Anatolica gibbosa Steven, 1829: Kasap, 1988.
Blaps abbreviata Ménétériés, 1836: Lodos, 1977a; Lodos, 1977b.
Blaps mortisaga (L.1758): Lodos, 1977a; Lodos, 1977b.
Blaps tibialis Reiche, 1857: Bolu, 2016b; Sadıkoğlu, 2025.
Blaps taeniolata Ménétériés, 1832: Lodos, 1977a; Lodos, 1977b.
Ceratanisus diyarbakiricus Ivan Chigray, 2020: Nabozhenko and Yıldırım, 2020.
Dendarus punctatus (Serville, 1825): Lodos, 1977a; Lodos, 1977b.
Dendarus(Pandarinus) tenellus Mulsant & Rey, 1854: Lodos, 1977a; Lodos, 1977b; Bolu, 2016b.
Entomogonus (Delonuropis) doguanatolicus, Nabozhenko, 2018: Nabozhenko et al., 2018.
Gonocephalum costatum Brullé, 1832: Lodos, 1977a; Lodos, 1977b; Bolu, 2016b.
Gonocephalum pusillum (Fabricius, 1791): Lodos, 1977a; Lodos, 1977b.
Gonocephalum rusticum (Olivier, 1811): Kasap, 1988.
Gonocephalum setulosum (Faldermann, 1837): Lodos, 1977a; Lodos, 1977b.
Opatroides punctulatus Brullé, 1832: Kasap, 1988; Sadıkoğlu, 2025.
Opatrum geminatum Brullé, 1832: Kasap, 1988; Bolu, 2016b.
Opatrum sabulosum (L. 1761): Kasap, 1988.
Opatrum verrucosum Germar, 1817: Kasap, 1988.
Pedinus femoralis (L. 1767): Lodos, 1977a; Lodos, 1977b.
Pedinus (s. str.) strabonis Seidlitz, 1893: Bolu, 2016b.
Tenebrio molitor (L.): Aydın and Kismali, 1990.
Tenebrio obscurus Fabricius, 1792: Aydın and Kismali, 1990.
Tribolium castaneum (Herbst, 1797): Aydın and Kismali, 1990; Bolu, 2016b.
Tribolium confusum Jacquelin du Val, 1868 : Kasap, 1988; Bolu, 2016b.

Family: Meloidae Gyllenhal, 1810

Alosimus armeniacus (Faldermann, 1837): Bolu, 2016b.
Alosimus castaneus Escherich, 1896: Bolu, 2016b.

Alosimus chalybaeus Tausch: Kaszap, 1968.
Alosimus decolor AB.: Kaszap, 1968.
Alsimum luteus (Waltl, 1838): Bolu, 2016b.
Apalus necydalaeus (Pallas, 1782): Bolu, 2016b.
Cerocoma dahlia Kraatz, 1863: Bolu, 2016b.
Cerocoma syriaca Abeille de Perrin, 1880: Bolu, 2016b.
Micromerus bitlisensis Kaszap, 1958: Bolu, 2016b.
Micromerus dersinensis Kaszap, 1968: Bolu, 2016b.
Mylabris ciliciensis (Escherich, 1899): Bolu, 2016b.
Mylabris fusca (Olivier, 1811): Bolu, 2016b.
Meloe cicatricosus Leach, 1815: Bolu, 2016b.
Meloe mediterraneus Müller, 1925: Bolu, 2016b.
Stenodera caucasica (Pallas, 1781): Bolu, 2016b.

Family: Anthicidae Latreille, 1819

Anthelephila caeruleipennis (La Ferte-Senectere, 1847): Bolu, 2016b.
Notoxus appendicinus Heberdey, 1936: Bolu, 2016b.

Superfamily: Chrysomeloidea Latreille, 1802

Family: Bruchidae Latreille, 1802

Acanthoscelides obtectus (Say, 1831): Bolu, 2016a.
Bruchus ervi Frölich, 1799: Bolu, 2016a.
Bruchus dentipes (Baudi, 1886): Bolu, 2016a.
Bruchus nubilus (Boheman, 1833): Bolu, 2016a.
Bruchus tetragonus (Baudi, 1886): Bolu, 2016a.
Bruchus tristis Bohemann, 1833: Bolu, 2016a.
Bruchus ulicis Mulsant & Rey, 1858: Bolu, 2016a.
Bruchidius albopictus (Allard, 1883): Bolu, 2016a.
Bruchidius anobioides (Baudi, 1886): Bolu, 2016a.
Bruchidius bimaculatus (Olivier, 1795): Bolu, 2016a.
Bruchidius fulvus (Allard, 1883): Bolu, 2016a.
Bruchidius trifolii (Motschulsky, 1873): Bolu, 2016a.
Bruchidius quinqueguttatus (Olivier, 1795): Bolu, 2016a.
Callosobruchus maculatus (Fabricius, 1775): Bolu, 2016a.

Family: Cerambycidae Latreille, 1802

Agapanthia cardui (Linnaeus, 1767): Bolu, 2016a.
Agapanthia suturalis (Fabricius, 1787): Özdikmen et al., 2021.
Anoplophora chinensis (Forster, 1771): Özdikmen and Şekerci, 2021; Oğuzoğlu et al., 2024.
Cerambyx carinatus (Küster, 1845): Özdikmen et al., 2021.
Cerambyx cerdo Linnaeus, 1758: Özdikmen et al., 2021.

Certallum ebulinum (Linnaeus, 1767): Bolu, 2016a; Özdikmen et al., 2021.
Chlorophorus damascenus (Chevrolat, 1854): Özdikmen et al., 2021; Ataş et al., 2022, Ataş and Çoruh, 2023.
Chlorophorus varius (Müller, 1766): Bolu, 2016a.
Chlorophorus varius damascenus (Chevrolat, 1854): Bolu et al., 2010; Bolu, 2016a.
Coptosia bithyniensis (Ganglbauer, 1884): Bolu, 2016a.
Dorcadion infernale Mulsant & Rey 1863: Bolu, 2016a; Özdikmen, 2021.
Dorcadion invicinum Pic, 1902: Özdikmen, 2021.
Dorcadion (Pedestredorcadion) kurdistanum Breuning, 1944: Özdikmen, 2021.
Dorcadion cf. mesopotamicum Breuning, 1944: Özdikmen et al., 2021.
Dorcadion (Pedestredorcadion) punctulicollis Breuning, 1944: Özdikmen, 2021.
Helladia armeniaca Frivaldsky, 1878: Bolu, 2016a.
Helladia humeralis (Waltl, 1838): Bolu, 2016a.
Lampropterus femoratus (Germar, 1824): Bolu, 2016a.
Musaria puncticollis (Faldermann, 1837): Bolu, 2016a.
Neoplagionotus bobelayei (Brullé, 1832): Bolu, 2016a.
Opsilia coerulescens (Scopoli, 1763): Bolu, 2016a.
Osphranteria coerulescens Redtenbacher, 1850: Kaplan, 2013; Bolu, 2016a; Özdikmen et al., 2021.
Osphranteria coerulescens inaurata Holzschuh, 1981: Bolu et al., 2009
Oxyilia argentata (Ménétriés, 1832): Bolu, 2016a.
Phytoecia armeniaca Frivaldszky, 1878: Özdikmen, 2021.
Phytoecia bangi Pic, 1897: Özdikmen et al., 2021.
Phytoecia puncticollis Faldermann, 1837: Bolu, 2016a.
Phytoecia speciosa Frivaldszky, 1884: Özdikmen, 2021.
Plagionotus arcuatus (L., 1758): Bolu, 2016a; Özdikmen et al., 2021.
Purpuricenus variicollis Özdikmen, 2023: Özdikmen et al., 2023.

Family: Chrysomelidae Latreille, 1802

Altica palustris (Weise, 1888): Özdikmen et al., 2021.
Antipus macropus (Illiger, 1800): Bolu, 2016a.
Aphthona franzi Heikertinger, 1944: Bolu, 2016a.
Aphthona flaviceps Allard, 1859: Bolu, 2016a.
Aphthona gracilis Fadermann, 1837: Bolu, 2016a.
Aphthona maculata Allard, 1876: Bolu, 2016a.
Aphthona semicyanea melanopeza Jacob, 1900-1901: Bolu, 2016a.

Bruchus pisorum (L. 1758): Lodos, 1977a.
Calomicrus lividus (Joannis, 1866): Aslan et al., 2020; Güven et al., 2024.
Cassida brevis Weise, 1884: Özdikmen et al., 2021.
Cassida denticollis Suffrian, 1844: : Özdikmen et al., 2021.
Cassida margaritacea Schaller, 1783: Bolu, 2016a; : Özdikmen et al., 2021.
Cassida nobilis L., 1758: Bolu, 2016a.
Cassida palaestina Reiche, 1858: Bolu, 2016a; Güven et al., 2024.
Cassida pannonica Suffrian, 1844: Bolu, 2016a.
Cassida viridis L., 1758: Bolu, 2016a.
Chaetocnema montenegrina Heikertinger, 1912: Bolu, 2016a.
Chaetocnema tibialis (Illiger, 1807): Maral et al., 2013.
Chrysolina chalcites (Germar, 1824): Bolu, 2016a.
Chrysolina coerulans angelica (Reiche & Saulcy, 1858): Özdikmen et al., 2021.
Chrysolina herbacea (Duftschmid, 1825): Sadıkoğlu, 2025.
Chrysolina herbacea alacris Bechyné, 1950: Güven et al., 2024.
Chrysolina orientalis (Olivier, 1807): Aslan et al., 2020.
Chrysolina sahlbergi (Ménétriés, 1832): Bolu, 2016a.
Chrysomelina chalcites (Germar, 1824): Bolu, 2016a.
Clytra cingulata Weise, 1898: Bolu, 2016a.
Clytra weisei Monros, 1953: Aslan et al., 2020; Özdikmen et al., 2021.
Colaphellus sophiae (Schaller, 1783): Bolu, 2016a.
Coptocephala gebleri Gebler, 1841: Bolu, 2016a; Güven et al., 2026.
Crepidodera aurata (Marshall, 1802): Maral, 2013.
Cryptocephalus anticus Suffrian, 1848: Aslan et al., 2020.
Cryptocephalus fulvus schatzmayri Burlini, 1969: Özdikmen et al., 2021.
Cryptocephalus macellus Suffrian, 1860: Güven et al., 2026.
Cryptocephalus moraei (Linnaeus, 1758): Bolu, 2016a.
Cryptocephalus ocellatus Drapiez, 1819: Güven et al., 2026.
Cryptocephalus octacosmus Bedel, 1891: Bolu, 2016a; Güven et al., 2024.
Cryptocephalus phaleratus Tappes, 1871: Güven et al., 2026.
Cryptocephalus populi Suffrian, 1848: Özdikmen et al., 2021.
Cyaniris limbata Steven, 1806: Bolu, 2016a.
Cyaniris viridana Lacordaire, 1848: Bolu, 2016a.

Entomoscelis adonidis (Pallas, 1771): Bolu, 2016a; Aslan et al., 2020; Özdikmen et al., 2021; Güven et al., 2024.

Epitrix hirtipennis (Melsheimer, 1847): Bolu, 2016a.

Exosoma thoracicum (Redtenbacher, 1843): Aslan et al., 2020; Güven et al., 2024.

Galeruca interrupta (Illiger, 1802): Özdikmen et al., 2021.

Galeruca spectabilis (Faldermann, 1837): Özdikmen et al., 2021.

Gastrophysa polygoni (Linnaeus, 1758): Bolu, 2016a; Güven et al., 2024.

Gynandrophthalma limbata Steven, 1806: Bolu, 2016a.

Gynandrophthalma viridana Lacordaire, 1848: Bolu, 2016a.

Gonioctena fornicata (Brüggemann, 1873): Bolu, 2016a; Güven et al., 2024.

Hermaeophaga ruficollis (Lucas, 1849): Bolu, 2016a.

Hispa atra Linnaeus, 1767: Bolu, 2016a.

Labidostomis asiatica Faldermann, 1837: Bolu, 2016a; Özdikmen et al., 2021.

Labidostomis basanica J. Sahlberg, 1913: Regalin, 2002; Aslan and Warchalowski, 2005.

Labidostomis brevipennis Faldermann, 1837: Bolu, 2016a.

Labidostomis oertzeni Weise, 1889: Bolu, 2016a.

Labidostomis propinqua Faldermann, 1837: Bolu, 2016a.

Lema melanopa Linnaeus, 1758: Bolu, 2016a.

Leptinetarsa decemlineata (Thomas, 1823): Lodos 1977b

Longitarsus albineus (Foudras, 1860): Bolu, 2016a.

Longitarsus alfieri Pic 1923: Bolu, 2016a.

Longitarsus anchusae (Paykull, 1799): Bolu, 2016a.

Longitarsus dichrous lablokoff-Khnzorian 1962: Bolu, 2016a.

Longitarsus fallax Weise, 1888: Bolu, 2016a.

Longitarsus ganglbaueri Heikertinger, 1912: Bolu, 2016a.

Longitarsus lycopi (Foudras, 1860): Bolu, 2016a.

Longitarsus parvulus (Paykull, 1799): Bolu, 2016a.

Longitarsus salviae Gruev, 1975: Bolu, 2016a.

Longitarsus suturellus (Duftschmid, 1825): Bolu, 2016a.

Longitarsus ochroleucus (Marsham, 1802): Bolu, 2016a.

Oulema melanopus (Linnaeus, 1758): Sadıkoğlu, 2025; Güven et al., 2024; Güven et al., 2026.

Pachybrachis fimbriolatus (Suffrian, 1848): Bolu, 2016a.

Pachybrachis glycyrrhizae (Olivier, 1808): Güven et al., 2026.

Pachybrachis mendax mendax (Suffrian, 1860): Güven et al., 2026.

Pachybrachis scripticollis Faldermann, 1837: Sert and Özdemir, 2019; Güven et al., 2026.

Phaedon cochleariae (Fabricius, 1792): Bolu, 2016a.

Phratora vitellinae (Linnaeus, 1758): Bolu, 2016a.

Phyllotreta corrugata Reiche, 1858: Bolu, 2016a.

Phytodecta fornicatus Brüggemann, 1873: Bolu, 2016a.

Plagioderma versicolora (Laicharting, 1781): Bolu, 2016a.

Prasocuris junci (Brahm, 1790): Bolu, 2016a.

Psylliodes anatolica Gök & Çilbıroğlu, 2004: Bolu, 2016a.

Psylliodes hyoscyami (L., 1758): Bolu, 2016a.

Psylliodes inflata Reiche and Saulcy, 1858: Aslan et al., 2020.

Psylliodes sophiae Heikertinger, 1914: Bolu, 2016a.

Rhaphidopalpa foveicollis Lucas, 1849: Bolu, 2016a.

Smaragdina limbata (Steven, 1806): Maral et al., 2013; Bolu, 2016a; Özdikmen et al., 2021; Güven et al., 2024.

Smaragdina scutellaris (Lefevre, 1872): Bolu, 2016a; Özdikmen et al., 2021.

Smaragdina unipunctata (Olivier, 1808): Bolu, 2016a.

Tituboea macropus (Illiger, 1800): Aslan et al., 2020; Özdikmen et al., 2021.

Superfamily: Curculionoidea Latreille, 1802

Family: Attelabidae Billberg, 1820

Coenorrhinus aequatus (Linnaeus, 1767): Bolu, 2016b.

Rhynchites equatus Germar, 1819: Sert and Özdemir, 2019.

Family: Brentidae Billberg, 1820

Alocentron curvirostre (Gyllenhal, 1833): Bolu, 2016b.

Aspidapion radiolus (Marsham, 1802): Bolu, 2016b.

Catapion pubescens (Kirby, 1811): Bolu, 2016b.

Ceratapion basicorne (Illiger, 1807): Bolu, 2016b.

Ceratapion carduorum (Kirby, 1808): Bolu, 2016b.

Ceratapion fremuthi (Wanat, 1995): Bolu, 2016b.

Ceratapion gibbifrons (Hustache, 1932): Bolu, 2016b.

Eutrichapion sp. pr. punctigerum (Paykull, 1792): Bolu, 2016b.

Malvapion malvae (Fabricius, 1775): Bolu, 2016b.

Protapion trifolii (Linnaeus, 1768): Bolu, 2016b.

Protapion truqui (Reiche et De Sauley, 1858): Bolu, 2016b.

Rhopalapion longirostre (Olivier, 1807): Bolu, 2016b.

Squamapion elongatum (Germar, 1817): Bolu, 2016b.
Squamapion phocopus (Eppelsheim, 1888): Bolu, 2016b.

Family: Curculionidae Latreille, 1802

Alocentron curvirostre (Gyllenhal, 1833): Bolu, 2016b.
Anthonomus amygdali Hustache, 1930: Maral et al., 2013; Bolu, 2016b.
Anthonomus baudueri Desbrochers, 1875: Bolu, 2016b.
Anthonomus bituberculatus Thomson, 1868: Bolu, 2016b.
Anthonomus brunnipennis Curtis, 1840: Bolu, 2016b.
Anthonomus variabilis (Hoffman, 1963): Bolu, 2016b.
Apion aeneum Fabricius, 1775: Bolu, 2016b.
Apion aestimatum Faust, 1890: Bolu, 2016b.
Apion apricans Herbst, 1797: Bolu, 2016b.
Apion arrogans (Wencker, 1858): Lodos, 1977a; Lodos, 1977b; Bolu, 2016b.
Apion assimile Kirby, 1808: Bolu, 2016b.
Apion beckeri Desbrochers, 1875: Bolu, 2016b.
Apion carduorum Kirby, 1808: Bolu, 2016b.
Apion dissimile Germar, 1817: Bolu, 2016b.
Apion neorelictum (Bajtenov & Lodos, 1977): Lodos, 1986; Bolu, 2016b.:
Apion (Kalcapion) pallipes Kirby, 1808: Bolu, 2016b.
Apion seniculus Kirby, 1808: Bolu, 2016b.
Apion transversum Bajt. et Lodos (1977): Lodos, 1986; Bolu, 2016b.
Apion (Protapion) trifolii: Bolu, 2016b.
Aspidapion radiolus (Marsham, 1802): Bolu, 2016b.
Bangasternus orientalis (Capiomont, 1873): Bolu, 2016b; Sert and Özdemir, 2019.
Bothynoder punctiventris Schoenherr, 1834: Lodos, 1977a; Lodos, 1977b.
Brachytemnus porcatus (Germar, 1823): Bolu, 2016b.
Calosirus ovulum (Schultze, 1897): Bolu, 2016b.
Catapion burdigalense (Wencker, 1859): Bolu, 2016b.
Catapion pubescens (Kirby 1811): Bolu, 2016b.
Ceratapion basicorne (Illiger, 1807): Bolu, 2016b.
Ceratapion beckeri (Desbrochers, 1875): Bolu, 2016b.
Ceratapion carduorum (Kirby, 1808): Bolu, 2016b.
Ceratapion fremuthi (Wanat, 1995): Bolu, 2016b.
Ceratapion gibbifrons (Hustache, 1932): Bolu, 2016b.
Ceutorhynchus trimaculatus (Fabricius, 1775): Bolu, 2016b.
Ceutorhynchus angustus Dieckmann & Smreczynski, 1972: Bolu, 2016b.
Ceuthorrhynchus caucasicus Kirsch, 1877: Bolu, 2016b.

Ceuthorrhynchus deplanatus Schultze, 1901: Bolu, 2016b.
Ceuthorrhynchus sp. nr. suturalis Fabricius, 1775: Bolu, 2016b.
Ceutorhynchus carinatus Gyllenhal, 1837: Bolu, 2016b.
Ceutorhynchus contractus (Marsham, 1802): Bolu, 2016b.
Ceutorhynchus erysemi Olivier, 1790: Bolu, 2016b.
Ceuthorrhynchus pleurastigma (Marsham, 1802): Lodos, 1977a; Lodos, 1977b.
Ceutorhynchus sinapicola Dieckmann, 1975: Bolu, 2016b.
Ceutorhynchus sophiae (Gyllenhal, 1837): Bolu, 2016b.
Ceutorhynchus subpilosus C.N.F. Brisout de Barneville, 1869: Bolu, 2016b.
Ceutorhynchus sulcicollis (Paykull 1800): Bolu, 2016b; Sert and Özdemir, 2019.
Ceutorhynchus trimaculatus (Fabricius, 1775): Bolu, 2016b.
Chlorophorus varius (Müller, 1766): Bolu, 2016b.
Coeliodes rubricus Gyllenhal, 1837: Bolu, 2016b.
Coenorrhinus aequatus Voss, 1933: Bolu, 2016b.
Coniocleonus nigrosuturatus (Goeze, 1777): Sadıkoğlu, 2025.
Curculio elephas (Gyllenhal, 1836): Lodos, 1977a; Lodos, 1977b; Bingöl 1978.
Epirhynchites smyrnensis (Desbrochers des Loges, 1869): Bolu, 2016b.
Eptacus arachnoides (Stierlin, 1861): Bolu, 2016b.
Eusomus ovulum Germar, 1824: Bolu, 2016b.
Eutrichapion sp. pr. punctigerum (Paykull, 1792): Bolu, 2016b.
Holotrichapion pisi (Fabricius, 1801): Bolu, 2016b.
Hypera farinosa (Boheman, 1842): Bolu, 2016b; Sert and Özdemir, 2019.
Hypera meles (Fabricius, 1793): Bolu, 2016b.
Hypera nigrirostris (Fabricius, 1775): Bolu, 2016b.
Hypera jucundus Capiomont, 1868: Bolu, 2016b.
Hypera postica (Gyllenhal, 1813): Bolu, 2016b.
Hypera trilineata Marsham, 1802: Bolu, 2016b.
Hypera variabilis (Herbst, 1795): Efil, 2018; Sert and Özdemir, 2019.
Hypera zoilus Scopoli, 1763: Bolu, 2016b.
Larinus brenskei Faust, 1900: Bolu, 2016b.
Larinus jaceae (Fabricius, 1775): Bolu, 2016b.
Larinus latus (Herbst, 1784): Bolu, 2016b; Bolu et al., 2023.
Larinus minutus Gyllenhal, 1835: Sert and Özdemir, 2019.

Larinus sp. pr. *nanus* Lucas, 1846: Bolu, 2016b.
Larinus onopordi Fabricius, 1787: Sert and Özdemir, 2019; Bolu et al., 2023.
Larinus turbinatus Gyllenhal, 1835: Bolu, 2016b.
Larinus sturnus Schaller, 1873: Bolu et al., 2023.
Lepidotychius winkleri Franz, 1940: Bolu, 2016b.
Lixus ascanii (Linnaeus, 1767): Bolu, 2016b.
Lixus cardui Olivier, 1807: Kaplan, 2019; Sert and Özdemir, 2019.
Lixus circumcinctus Boheman, 1835: Bolu, 2016b.
Lixus elegantulus Boheman, 1843: Bolu, 2016b; Bolu et al., 2023.
Lixus junci Boheman, 1836: Bolu, 2016b.
Lixus obesus Petri, 1904: Bolu, 2016b.
Lixus recurvus Olivier, 1807: Bolu et al., 2023.
Lixus scolopax Bohemann, 1836: Bolu et al., 2023.
Lixus subtilis (Boheman, 1836): Bolu, 2016b.
Malvapion malvae (Fabricius, 1775): Bolu, 2016b.
Mecaspis alternans (Herbst, 1795): Bolu, 2016b.
Melanobaris dalmatina (H. Brisout, 1870): Bolu, 2016b.
Microtrogus cuprifer (Panzer, 1799): Bolu, 2016b.
Mogulones crucifer (Pallas, 1771): Bolu et al., 2023.
Myloccerus damascenus Miller, 1861: Bolu, 2016b.
Otiorhynchus peregrinus Stierlin, 1861: Bolu, 2016b.
Otiorhynchus sulcatus (Fabricius, 1775): Bolu et al., 2023.
Oxystoma ochropus (Germar, 1818): Bolu, 2016b.
Pachytychius hordei (Brullé, 1832): Lodos, 1977a; Lodos, 1977b; Bolu, 2016b.
Polydrusus mollis (Strom, 1768): Lodos, 1977a; Lodos, 1977b.
Polydrusus ponticus Faust, 1888: Lodos, 1977a; Lodos, 1977b; Bolu, 2016b.
Polydrusus pterygomalis Boheman, 1840: Lodos, 1977a; Lodos, 1977b.
Polydrusus (Scythodrusus) *roseiceps* Pesarini, 1975: Lodos, 1977a; Lodos, 1977b; Maral et al., 2013; Bolu, 2016b.
Protapion fulvipes (Geoffroy, 1785): Bolu, 2016b.
Protapion trifolii (Linnaeus, 1768): Bolu, 2016b.
Protapion varipes (Germar, 1817): Bolu, 2016b.
Pseudocoeliodes rubricus (Gyllenhal, 1837): Bolu, 2016b.
Rhopalapion longirostre (Olivier, 1807): Bolu, 2016b.
Rhinusa asellus (Gravenhorst, 1807): Bolu et al., 2023.
Rhinusa tetra (Fabricius, 1792): Bolu et al., 2023.
Scolytus amygdali Guérin, 1847: Maral et al., 2013.
Scolytus rugulosus Muller, 1818: Maral et al., 2013.
Sibinia femoralis Germar, 1824: Bolu, 2016b.

Sibinia reitteri Desbrochers, 1895: Bolu, 2016b.
Sitona bicolor sub sp. *concaviostris* Fähræus, 1840 : Bolu, 2016b.
Sitona callosus Gyllenhal, 1834: Lodos, 1977a; Lodos, 1977b; Bolu, 2016b.
Sitona concaviostris Hochhuth, 1851: Lodos, 1977a; Lodos, 1977b.
Sitona crinitus (Herbst, 1795): Lodos, 1977a; Lodos, 1977b; Bolu, 2016b.
Sitona hispidulus Germar, 1817: Sert and Özdemir, 2019.
Sitona humeralis Stephens, 1831: Lodos, 1977a; Lodos, 1977b; Bolu, 2016b; Sert and Özdemir, 2019.
Sitona lineellus (Bonsdorff, 1785): Bolu, 2016b.
Sitona lividipes Fahæus, 1840: Bolu, 2016b.
Sitona longulus Gyllenhal, 1834: Bolu, 2016b.
Sitona macularius (Marsham, 1802): Bolu, 2016b; Sert and Özdemir, 2019.
Sitona puncticollis Stephens, 1831: Lodos, 1977a; Lodos, 1977b; Bolu, 2016b.
Sitophilus granarius (Linnaeus, 1758): Lodos and Kalkandelen, 1981; Bolu, 2016b.
Squamapion atomarium (Kirby, 1808): Bolu, 2016b.
Squamapion elongatum (Germar, 1817): Bolu, 2016b.
Squamapion phocopus (Eppelsheim, 1888): Bolu, 2016b.
Squamapion vivinum (Kirby, 1808): Bolu, 2016b.
Stenocarus cardui (Herbst, 1784): Bolu, 2016b.
Stenocarus ruficornis (Stephens, 1831): Bolu et al., 2023.
Tychius aureolus Kiesenwetter, 1852: Bolu, 2016b; Bolu et al., 2023.
Tychius bicolor (C. Brisout, 1862): Bolu, 2016b.
Tychius callidus Caldara, 1990: Bolu, 2016b.
Tychius consputus Kiesenwetter, 1864: Bolu, 2016b.
Tychius meliloti Stephens, 1831: Bolu, 2016b.
Tychius picirostris (Fabricius, 1787): Bolu, 2016b.
Tychius quinquepunctatus (Linnaeus, 1758): Bolu, 2016b.

Family: Rhynchitidae Latreille, 1802

Coenorrhinus aequatus (Linnaeus, 1767): Bolu, 2016b.
Epirhynchites smyrnensis (Desb. des Loges, 1869): Maral et al., 2013; Bolu, 2016b.
Rhynchites auratus (Scopoli, 1763): Bolu, 2016b.
Rhynchites smyrnensis Desbrochers, 1869: Bolu, 2016b.
Tatianaerhynchites aequatus (Linnaeus, 1767): Maral et al., 2013.

Family: Scolytidae (Linnaeus, 1758)

Chaetoptelius vestitus (Mulsant & Rey 1860): Bolu, 2016b.

Carphoborus perisi Chapuis, 1873: Bolu, 2016b.

Scolytus rugulosus (Müller, 1818): Kaplan, 2019.

Scolytus amygdali Guerin-Méneville, 1847: Bolu, 2016b.

Discussion

The order Coleoptera is currently represented by approximately 210 families. In the present study, 703 species belonging to 47 families were recorded and listed from Diyarbakır Province. However, no records were available for nearly 160 families, indicating a considerable gap in the faunistic knowledge of Coleoptera in the region. This situation clearly demonstrates that faunistic studies on Coleoptera in Diyarbakır are still insufficient and fragmented.

The absence of records for a large proportion of families highlights the need for more detailed, systematic, and comprehensive surveys in the area. It is evident that further field-based and taxonomic studies are necessary to better document the coleopteran diversity of Diyarbakır Province.

This checklist is intended to serve as a preliminary reference and baseline for future studies, providing a foundation for subsequent faunistic, ecological, and taxonomic research in the region.

Acknowledgment

We wish to express our sincere thanks to Dr. Osman Solmaz, a member of the English Language Teaching Department at Ziya Gökalp Education Faculty, Dicle University, for improving the English of an earlier version and providing linguistic assistance.

Ethical Approval

No need to ethical approval for this study.

Conflicts of Interest

The authors declare that they have no conflict of interest.

Funding Statement

This study was supported by the Research Fund of Dicle University (DUBAP), project no ZGEF.25.004.

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