Acta Biologica Turcica, 39(2), kswg20260202-19p Received 5 May. 2026; Accepted 15 Jul. 2026; Published Online 16 Jul. 2026

ACTA BIOLOGICA TURCICA

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E-ISSN: 2458-7893, http://www.actabiologicaturcica.com

Research article

Checklist of the Coleoptera (Hexapoda: Insecta) of Diyarbakır Province, Türkiye

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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 Cottes, 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 Kıyak, 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 Kıyak, 2009.
Deronectes syriacus Wewalka, 1970: Darılmaz and Kıyak, 2009.
Dytiscus marginalis (Linnaeus, 1758): Aykut, 2018.
Graptodytes sedilloti phrygius Guignot, 1942: Darılmaz and Kıyak, 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 Kıyak, 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 (Fabricus, 1787): Uzen *et al.,* 2021.
Nebrioporus airumlus (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; Gözüaçık, 2012; Bolu *et al.,* 2018; Mart and İlkaya, 2021.
Helophorus (*Atracthelophorus*) *brevipalpis* Bedel, 1881: Gözüaçık, 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; Gözüaçık, 2012; Bolu *et al.,* 2018; Mart and İlkaya, 2021.
Helophorus (*Empleurus*) *nubilus* Fabricius, 1777: Bolu *et al.,* 2018; Mart and İlkaya, 2021.
Helophorus (Rhopalohelophorus) arvernicus 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; Aydoğan*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; Aydoğan *et al.,*2022.
Laccobius gracilis Motschulsky, 1855: Topkara and Ustaoğlu, 2014; Aydoğan *et al.,*2022.
Laccobius hindukuschi Chiesa, 1966: Taşar, 2018.
Laccobius sculptus D'orchymont, 1935: Aydoğan *et al.,*2022.
Laccobius simulatrix d'Orchymont, 1932: Taşar, 2018; Aydoğan *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 Ustaoğlu, 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: Staphylinoidea Latreille, 1802
Family: Hydraenidae Mulsant, 1844
Limnebius (Bilimneus) perparvulus Rey, 1884: Topkara and Ustaoğlu, 2014.
Ochthebius (Asiobates) striatus Castelnau, 1840: Topkara and Ustaoğlu, 2014.
Ochthebius (s.str.) lividipennis Peyron, 1858; Topkara and Ustaoğlu, 2014.

Family: Silphidae Latreille, 1807
Ablattari alaevigata 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 tetracarinatus (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 nigritula 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; Gözüaçık, 2012; Bolu *et al.,* 2018.
Aphodius fimetarius Linnaeus, 1758: Lodos *et al.,* 1984; Lodos *et al.*, 1999; Gözüaçık, 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; Gözüaçık, 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; Gözüaçık, 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; Gözüaçık, 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; Gözüaçık, 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; Gözüaçık, 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 Ménétriés, 1838: Pehlivan *et al.*, 1995; Bolu *et al.,* 2018.
Glaphyrus festivus Ménetriés, 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 Ménétriés, 1832: Bolu *et al.,* 2018.
Agrilus chlorophyllus Abeille de Perrin, 1904: Bolu *et al.,* 2018.
Agrilus convexicollis Redtenbacher 1849: Kısmalı, *et al.,* 1995; Bolu *et al.,* 2018.
Agrilus hastulifer Ratzerburg, 1837: Kısmalı, *et al.,* 1995; Bolu *et al.,* 2018.
Agrilus roscidus Kiesenwetter, 1857: Maral *et al.,* 2013; Bolu *et al.,* 2018.
Agrilus viridicaerulans Marseul, 1868: Kısmalı, *et. al,* 1995; Bolu *et al.,* 2018.
Anthaxia armeniaca armeniaca Obenberger, 1929: Kısmalı, *et. al,* 1995; Bolu *et al.,* 2018.
Anthaxia berytensis Abeille de Perrin, 1895: Kısmalı, *et. al,* 1995; Bolu *et al.,* 2018.
Anthaxia cichorii Olivier, 1790: Tozlu and Yardibi, 2013; Bolu *et al.,* 2018.
Anthaxia eugeniae eugeniae Ganglbauer, 1885: Kısmalı, *et. al,* 1995; Bolu *et. al,* 2018.
Anthaxia ghazi Cobos, 1965: Kısmalı, *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): Kısmalı, 1995; Bolu *et al.,* 2018.
Aurigena lugubris longcicollis 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): Kısmalı, *et al.,* 1995; Bolu *et al.,* 2018.
Capnodis cariosa hauseri (Obenberger, 1928): Kısmalı, *et al.,* 1995; Bolu *et al.,* 2018.
Capnodis miliaris Klug, 1829: Kısmalı, *et al.,* 1995; Bolu *et al.,* 2018.
Capnodis tenebrionis Linnaeus, 1758: Kısmalı, *et al.,* 1995; Bolu *et al.,* 2018.
Capnodis tenebricosa Oliver, 1790: Günaydın, 1978; Kısmalı, *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; Kısmalı *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: Kısmalı, *et al.,* 1995; Bolu *et al.,* 2005; Bolu and Özgen, 2011; Bolu *et al.,* 2018.
Julodis intricata Redtenbacher, 1843: Kısmalı, *et al.,* 1995; Bolu *et al.,* 2018.
Julodis onopordi Fabricius, 1787: Kısmalı, *et al.,* 1995; Bolu *et al.,* 2018.
Latipalpis stellio Kiesenwetter, 1857: Kısmalı, *et al.,* 1995; Bolu *et al.,* 2018.
Melanophila picta Fabricius, 1787: Kısmalı, *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): Kısmalı, *et al.,* 1995; Bolu *et al.,* 2018.
Scintillatrix solieri Laporte & Gory, 1837: Kısmalı, *et al.,* 1995; Bolu *et al.,* 2018.
Sphenoptera (*Trop.*) *anthaxoides* Reitter, 1895: Bolu *et al.,* 2005; Bolu and Özgen, 2011;
Sphenoptera coracina Steven, 1830: Kısmalı, *et al.,* 1995; Bolu *et al.,* 2018.
Sphenoptera simulatrix Reitter, 1895: Bolu *et al.,* 2018.
Sphenoptera (Tropeopeltis) tappesi Marseul, 1865: Kısmalı, *et al.,* 1995; Bolu *et al.,* 2005; Bolu *et al.,* 2009; Bolu and Özgen, 2011; Bolu *et al.,* 2011.
Sphenoptera tauricola Obenberger, 1927: Kısmalı, *et al.,* 1995; Bolu *et al.,* 2018.
Stigmatophorella quadrioculata Redtenbacher, 1843: Kısmalı, *et al.,* 1995; Bolu *et al.,* 2018.

Superfamily: Byrrhoidea Latreille, 1804
Family: Dryopidae Latreille, 1802
Dryops rufipes (Krynicki, 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; Gözüaçık *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): Gözüaçık *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: Gözüaçık *et al.*, 2012; Bolu, 2016a; Kaplan, 2017.
Coccinella quatuordecimpustulata Linnaeus, 1758: Gözüaçık *et al.*, 2012; Bolu, 2016a.
Epilachna chiysomeline (Fabricius, 1775): Lodos, 1977b.
Exochomus flavipes (Thunberg, 1781): Bolu, 2016a.
Exochomus nigromaculatus (Goeze, 1977): Özgen and Karasavuran, 2010; Gözüaçık *et al.*, 2012; Bolu, 2016a; Kaçar and Dilmen, 2025.
Exochomus quadripustulatus (Linnaeus, 1758): Lodos, 1977b; Gözüaçık *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): Gözüaçık *et al*., 2012; Bolu, 2016a.
Henosepilachna elaterii Rossi, 1794: Bolu, 2016a.
Hippodamia variegata (Goeze, 1977): Gözüaçık *et al*., 2012; Bolu, 2016a; Şimşek and Bolu, 2016; Balıkçı and Bayhan, 2024; Kaçar and Dilmen, 2025.
Hyperaspis femorata (Motschulsky, 1837): Bolu, 2016a.
Hyperaspis quadrimaculata (Redtenbacher, 1844): Bolu, 2016a; Şimşek and Bolu, 2016; Balıkçı and Bayhan, 2024; Kaçar 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) caneparii Fürsch &Uygun, 1980: Gözüaçık *et al*., 2012; Bolu, 2016a.
Nephus includens Kirsch, 1870: Gözüaçık *et al*., 2012; Bolu, 2016a.
Nephus ludyi Weise, 1879: Gözüaçık *et al*., 2012; Bolu, 2016a.
Nephus nigricans Weise, 1879: Özgen and Karasavuran, 2010; Duman *et al*., 2013; Bolu, 2016a; Şimşek and Bolu, 2016; Balıkçı and Bayhan, 2024.
Nephus quadrimaculatus (Herbst, 1783): Gözüaçık *et al*., 2012; Bolu, 2016a.
Oenopia conglobata (Linnaeus, 1758): Gözüaçık *et al*., 2012; Bolu, 2016a; Şimşek and Bolu, 2016; Balıkçı and Bayhan, 2024.
Oenopia oncina (Olivier, 1808): Gözüaçık *et al*., 2012; Bolu, 2016a.
*Pharoscymnus numidicus (*Pic, 1900): Bolu, 2016a.
Pharoscymnus pharoides (Marseul, 1868): Gözüaçık *et al*., 2012; Bolu, 2016a; Şimşek and Bolu, 2016.
Platynaspis luteorubra (Goeze, 1777): Gözüaçık *et al*., 2012; Bolu, 2016a; Balıkçı and Bayhan, 2024.
Propylea quatuordecimpunctata (Linnaeus, 1758): Bolu, 2016a; Kaçar and Dilmen, 2025.
Psyllobora bisoctonotata (Mulsant, 1850): Bolu, 2016a.
Psyllobora vigintiduopunctata (Linnaeus,1758): Lodos, 1977b; Gözüaçık *et al*., 2012; Bolu, 2016a; Kaplan, 2017.
Rodolia cardinalis (Mulsant, 1850): Bolu, 2016a.
Scymnus apetzi Mulsant, 1846: Bolu, 2016a; Balıkçı and Bayhan, 2024.
Scymnus (Pullus) araraticus Iablokoff-Khnzorian, 1969: Bolu, 2016a; Balıkçı and Bayhan, 2024.
Scymnus (Pullus) auritus Thunberg, 1795: Gözüaçık *et al*., 2012; Bolu, 2016a.
Scymnus bivulnerus Capra & Fürsch, 1967: Gözüaçık *et al*., 2012; Duman *et al*., 2013; Bolu, 2016a.
Scymnus flagellisiphonatus (Fürsch, 1970): Gözüaçık *et al*., 2012; Duman *et al*., 2013; Bolu, 2016a; Şimşek and Bolu, 2016; Balıkçı and Bayhan, 2024.
Scymnus flavicollis Redtenbacher, 1843: Bolu, 2016a.
Scymnus frontalis Fabricius, 1787: Gözüaçık *et al*., 2012; Bolu, 2016a.
Scymnus inderihensis Mulsant, 1850: Gözüaçık *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; Balıkçı and Bayhan, 2024.
Scymnus mediterraneus Iablokoff-Khnzorian, 1972: Bolu, 2016a.
Scymnus nigrinus Kugelann, 1794: Bolu, 2016a.
Scymnus pallipediformis Gunhter, 1958: Gözüaçık *et al*., 2012; Duman *et al*., 2013; Bolu, 2016a.
Scymnus quadriguttatus (Fürsch & Kreissl, 1967): Özgen and Karasavuran, 2010; Gözüaçık *et al*., 2012; Bolu, 2016a.
Scymnus quadrimaculatus (Herbst, 1783): Bolu, 2016a.
Scymnus rubromaculatus (Goeze, 1777): Özgen and Karasavuran, 2010; Bolu, 2016a; Balıkçı and Bayhan, 2024.
Scymnus subvillosus (Goeze, 1777): Lodos, 1977b; Özgen and Karasavuran, 2010; Bolu, 2016a; Şimşek and Bolu, 2016.
Scymnus syriacus (Marseul, 1868): Gözüaçık *et al*., 2012; Bolu, 2016a.
Stethorus gilvifrons (Mulsant, 1850): Özgen and Karasavuran, 2010; Bolu, 2016a; Şimşek and Bolu, 2016.
Stethorus punctillum (Weise, 1891): Gözüaçık *et al*., 2012; Bolu, 2016a; Kaçar 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 Kısmalı, 1990.
Alphitobius laevigatus (Fabricius, 1781): Aydın and Kısmalı, 1990.
Alphitophagus bifasciatus (Say, 1824): Kasap, 1988.
Anatolica gibbosa Steven, 1829: Kasap, 1988.
Blaps abbreviata Ménétriés, 1836: Lodos, 1977a; Lodos, 1977b.
Blaps mortisaga (L.1758): Lodos, 1977a; Lodos, 1977b.
Blaps tibialis Reiche, 1857: Bolu, 2016b; Sadıkoğlu, 2025.
Blaps taeniolata Ménétriés, 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 (Delonurops) 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 Kısmalı, 1990.
Tenebrio obscurus Fabricius, 1792: Aydın and Kısmalı, 1990.
Tribolium castaneum (Herbst, 1797): Aydın and Kısmalı, 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.
Alsimus luteus (Waltl, 1838): Bolu, 2016b.
Apalus necydalaeus (Pallas, 1782): Bolu, 2016b.
Cerocoma dahli Kraatz, 1863: Bolu, 2016b.
Cerocoma syriaca Abeille de Perrin, 1880: Bolu, 2016b.
Micromerus bitlisensis Kaszab, 1958: Bolu, 2016b.
Micromerus dersinemsis Kaszab, 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) punctulicolle 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
Oxylia 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 (Marsham, 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.
Gynandrophtalma limbata Steven, 1806: Bolu, 2016a.
Gynandrophtalma 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 alfierii Pic 1923: Bolu, 2016a.
Longitarsus anchusae (Paykull, 1799): Bolu, 2016a.
Longitarsus dichrous Iablokoff-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 Brüggem, 1873: Bolu, 2016a.
Plagiodera versicolora (Laicharting, 1781): Bolu, 2016a.
Prasocuris junci (Brahm, 1790): Bolu, 2016a.
Psylliodes anatolica Gök & Çilbiroğlu, 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.
Bothynoders 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.
Ceutorrhynchus 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.
Myllocerus 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 pterygomalıs 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 Guerin, 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. concavirostris Fåhraeus, 1840 : Bolu, 2016b.
Sitona callosus Gyllenhal, 1834: Lodos, 1977a; Lodos, 1977b; Bolu, 2016b.
Sitona concavirostris 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 Fahaeus, 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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