

Halil BOLU¹

**SOUTHEASTERN ANATOLIA REGION INSECT FAUNA I
(COLEOPTERA I: CARABOIDEA; DYTISCOIDEA; BOSTRICHOIDEA;
CHRYSOMELOIDEA; CLEROIDEA; CUCUJOIDEA) OF TURKEY**

SUMMARY

The aim of this study was to determine Insect fauna Southeastern Anatolia Region. Surveys on insect species in various ecologies have been conducted in the provinces (Adıyaman, Batman, Gaziantep, Diyarbakır, Mardin, Siirt, Şanlıurfa, Şırnak) of Southeastern Anatolia region between the years 1948-2013. Almost 2600 species and subspecies among 180 families belonging to 13 insect orders are defined owing to these studies. Coleoptera species formed about 20% of the collected insects. Coleoptera included 32 families were recorded. During this study totally 268 species were found in 13 families and in 6 superfamilies of Coleoptera. Those superfamilies are Caraboidea, Dytiscoidea, Bostrichoidea, Chrysomeloidea, Cleroidea and Cucujoidea. The distribution of determined insect types according to the provinces, plant hosting and feeding type is also done. Information about their identification, host plants, and distribution in Southeastern Anatolia Region was presented as detailed.

Keywords: Southeastern Anatolia Region, Insect Fauna, Coleoptera, Turkey.

INTRODUCTION

Insects (Insecta) are the most numerous group of animals in the world, with over one million species that have been described (Price, 1997). Insects are difficult to study because they represent the most species-rich, yet one of the least known, of all taxa of living organisms, a problem that is compounded by a dearth of skilled entomologists. Although the number of described insect species is uncertain due to synonyms and the lack of a global list, most authorities recognize 900000–1000000 named morpho-species, representing 56% of all species known on Earth (Groombridge, 1992; Anonymous, 2003). Sensible estimates of the number of insects yet to be discovered range from another 1 million to 30 million species (Erwin, 1982; 1991), although most predict around 2–8 million more species (May, 1990; Gaston, 1991; Stork, 1997; Ødegaard, 2000). Conservative estimates suggest that 50–90% of the existing insect species on Earth have still to be discovered, yet the named insects alone comprise more than half of all known species of organism.

Insects constitute the most diverse form of animal life in terrestrial ecosystems. Most species are innocuous and essential components of natural

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ecosystems. Because they are cold-blooded, the rates of key physiological processes in their life cycles are determined by environmental conditions, especially temperature and precipitation. In general they have short generation times, high fecundity and high mobility (Moore and Allard, 2008). Turkey in fact seems to be like a small continent in terms of biological diversity. Despite the Anatolia is not a continent alone, it contains all properties of a continent that should have an ecosystem and habitat. Each of seven geographical regions in Turkey has a distinguishable climate, flora and fauna. The aim of this study is to make contribution to some faunistical records of Coleoptera of the Southeastern Anatolia Region of Turkey.

MATERIAL AND METHODS

Southeastern Anatolia Region (Adıyaman, Batman, Gaziantep, Diyarbakır, Mardin, Siirt, Şanlıurfa, Şırnak) entomology studies on insect species in different ecological provinces were made between the years 1948-2013 (Figure 1).

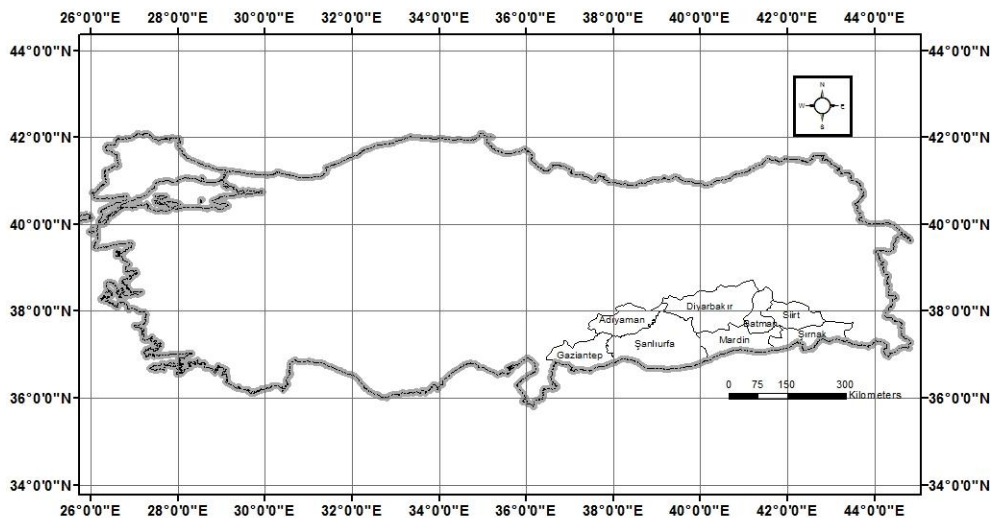


Figure 1. Sampling localities in Southeastern Anatolia Region of Turkey

In this study, we prepared for the inventory has reached the major advantage of the waterways:

- Currently in Turkey, published or unpublished entomology journals related to scanning,

- Giving more weight to faunistic studies, and in the meantime, the insect fauna of our country foreign scientific journals that publishes articles about scanning,

- Faculty of Agriculture, Faculty of Science and Regional Plant Protection Research Institute in the library of books on insect fauna and the screening of the booklet,

-The doctor and the master's thesis of entomology in the region on the scanning,

-Review of other studies on the insect fauna in the area.

In this study, we evaluated the information as described above were obtained.

RESULTS AND DISCUSSION

Surveys on insect species in various ecologies have been conducted in the provinces (adiyaman, batman, gaziantep, diyarbakir, mardin, siirt, şanlıurfa, şirnak) of southeastern anatolia region between the years 1948-2013. Almost 2600 species and subspecies almost 180 families belonging to 13 insect orders are defined owing to these studies. During this study totally 268 species were found in 13 families and in 6 superfamilies of coleoptera. Those superfamilies are caraboidea, dytiscoidea, bostrichoidea, chrysomeloidea, cleroidea and cucujoidea. The number and percentages of the species of the families are given on Table 1.

Table 1. Number of species of order Coleoptera on Southeastern Anatolia Region

Superfamily	Family	Number Species	%
Caraboidea	Carabidae	18	6,71
	Cicindellidae	6	2,23
Dytiscoidea	Dytiscidae	1	0,37
Bostrichoidea	Bostrichidae	3	1,12
	Dermestidae	9	3,36
Chrysomeloidea	Cerambycidae	60	22,39
	Chrysomelidae	82	30,60
	Bruchidae	17	6,34
Cleroidea	Trogossitidae	1	0,37
Cucujoidea	Coccinellidae	66	24,63
	Nitidulidae	2	0,75
	Phalacridae	2	0,75
	Silvanidae	1	0,37
Total	13	268	100,0

The distribution of insect species in the Southeastern Anatolia Region as a result of studies carried out in different provinces ecology, information on the host status and feeding has been given below.

Order Coleoptera (beetles)

Suborder Adephaga

Superfamily Caraboidea

Family Carabidae

Amara aenea (De Geer, 1774), Distribution: Diyarbakır Host plant: Karacadağ mountain

- Amara (Amara) eurynota* (Panzer, 1797), Distribution: Gaziantep Host plant: unknown
- Chlaenius festivus* (Panzer, 1796), Distribution: Southeastern Anatolia Region Host plant: unknown
- Corsyra fusula* (Fischer von Waldheim, 1820), Distribution: Diyarbakır, Mardin Host plant: *Amygdalus communis* L.
- Daptus vittatus* Fischer von Waldheim, 1823, Distribution: Diyarbakır, Mardin Host plant: *Amygdalus communis* L.
- Harpalus sp. nr.aeneus* F., Distribution: Diyarbakır Host plant: Karacadağ mountain
- Harpalus sp. nr.distinguendus*, Distribution: Gaziantep Host plant: unknown
- Harpalus (Harpalus) distinguendus distinguendus* (Duftschmid, 1812), Distribution: Gaziantep Host plant: unknown
- Harpalus (harpalophanus) haspesarmenus* Schaubeger, 1926, Distribution: Adıyaman Host plant: unknown
- Harpalus saxicola* Dejean, 1829, Distribution: Southeastern Anatolia Region Host plant: unknown
- Harpalus (s.str.) serripes* (Quensel, 1806), Distribution: Adıyaman Host plant: unknown
- Pseudoophonus rufipes* (De Geer, 1774), Distribution: Diyarbakır Host plant: unknown
- Parazuphium chevrolati* (Castelnau, 1833), Distribution: Southeastern Anatolia Region Host plant: unknown
- Zabrus blapoides* Creutz, 1799, Distribution: Diyarbakır Host plant: unknown
- Zabrus ruquulosus* Kraatz, 1884, Distribution: Siirt Host plant: unknown
- Zabrus sp. nr. socialis* Sch., Distribution: Diyarbakır Host plant: Karacadağ mountain
- Zabrus spinipes* (Fabricius, 1798), Distribution: Batman, Diyarbakır, Siirt Host plant: unknown
- Zabrus tenebrioides* (Goeze, 1777), Distribution: Adıyaman, Diyarbakır Host plant: unknown

Family Cicindellidae

- Cicindella campestris* Linnaeus, 1758, Distribution: Diyarbakır Host plant: unknown
- Cicindela herbacea* Klug, 1832, Distribution: Adıyaman, Gaziantep Host plant: unknown
- Calomera fischeri fischeri* (Adams, 1817), Distribution: Adıyaman, Gaziantep, Siirt, Şanlıurfa Host plant: unknown
- Homodela ismenia kilikiensis* (Mandl, 1961), Distribution: Adıyaman, Gaziantep Host plant: unknown
- Lophyridia fischeri* (Adams, 1817), Distribution: Adıyaman, Gaziantep, Mardin, Siirt, Şanlıurfa Host plant: unknown

Lophyridia littoralis (Mandl, 1967), Distribution: Mardin, Siirt, Şanlıurfa Host plant: unknown

Superfamily Dytiscoidea

Family Dytiscidae

Deronectes evelynae Fery and Hosseini, 1998, Distribution: Adıyaman, Gaziantep Host plant: unknown

Suborder Polyphaga

Superfamily Bostrichoidea

Family Bostrichidae

Rhyzopertha dominica (Fabricius, 1792), Distribution: Adıyaman, Diyarbakır, Mardin, Siirt, Şanlıurfa Host plant: *Triticum* spp., Flour, Storage pest

Sinoxylon sexdentatum (Olivier, 1790), Distribution: Adıyaman, Batman, Mardin, Siirt, Şanlıurfa Host plant: *Pistacia vera* L.

Stenomera assyrica Lesne, 1895, Distribution: Adıyaman, Batman, Mardin, Siirt, Şanlıurfa Host plant: *Pistacia vera* L.

Family Dermestidae

Attagenus (s.str.) orientalis Reitter in Schneider et Leder, 1878, Distribution: Mardin, Siirt, Şanlıurfa Host plant: Fruit, *Pistacia vera* L.

Attagenus (s.str.) quadrimaculatus Kraatz, 1858, Distribution: Gaziantep Host plant: unknown

Anthrenus (s.str.) delicatus Kiesenwetter, 1851, Distribution: Gaziantep Host plant: unknown

Anthrenus (s.str.) rotundulus rotundulus Reitter, 1889, Distribution: Gaziantep Host plant: unknown

Anthrenus (s.str.) simonis Reitter, 1881, Distribution: Diyarbakır Host plant: Light trap

Anthrenus (Nathrenus) pubifer Reitter, 1899, Distribution: Diyarbakır, Siirt Host plant: unknown

Anthrenus verbasci (Linnaeus, 1767), Distribution: Adıyaman, Batman, Diyarbakır, Gaziantep, Mardin, Siirt, Şanlıurfa, Şırnak Host plant: *Amygdalus communis* L., *Cucurbita* spp.

Trogoderma granarium Everts, 1898, Distribution: Adıyaman, Diyarbakır, Mardin, Siirt, Şanlıurfa Host plant: *Amygdalus communis* L., Storage pests, *Cucurbita* spp.

Trogoderma versicolor (Creutzer, 1799), Distribution: Diyarbakır Host plant: *Zea mays* L.

Superfamily Chrysomeloidea

Family Cerambycidae

Agapanthia dahli (Richter, 1821), Distribution: Gaziantep, Siirt Host plant: unknown

- Agapanthia cardui* (Linnaeus, 1767), Distribution: Diyarbakır, Siirt Host plant: unknown
- Agapanthia (s.str) lais* Reiche & Saulcy, 1858, Distribution: Mardin Host plant: unknown
- Agapanthia kirbyi* (Gyllenhal, 1817), Distribution: Siirt Host plant: unknown
- Agapanthia walteri* Reitter, 1898, Distribution: Mardin Host plant: unknown
- Arhopalus syriacus* (Reitter, 1895), Distribution: Gaziantep, Şanlıurfa Host plant: unknown
- Aromia moschata* (Linnaeus, 1758), Distribution: Adıyaman Host plant: unknown
- Blepisanis vittipennis* (Reiche, 1877), Distribution: Adıyaman Host plant: unknown
- Calamobius filum* (Rossi, 1790), Distribution: Gaziantep Host plant: unknown
- Calchaenesthes oblongomaculata* (Guerin 1844), Distribution: Adıyaman, Gaziantep Host plant: unknown
- Callimellum angulatum* (Schränk, 1789), Distribution: Adıyaman Host plant: unknown
- Cardoria scutellata* (Fabricius, 1792), Distribution: Adıyaman Host plant: unknown
- Cerambyx dux* (Faldermann, 1837), Distribution: Adıyaman, Gaziantep Host plant: *Amygdalus communis* L.
- Cerambyx cerdo* Linnaeus, 1758, Distribution: Adıyaman, Şırnak Host plant: unknown
- Cerambyx nodulosus* Germar, 1817, Distribution: Adıyaman, Mardin Host plant: unknown
- Certallum ebulinum* (Linnaeus, 1767), Distribution: Adıyaman, Diyarbakır, Gaziantep, Mardin, Şanlıurfa Host plant: unknown
- Chlorophorus hungaricus* Seidlitz, 1891, Distribution: Gaziantep Host plant: unknown
- Chlorophorus sartor* (Müller, 1766), Distribution: Gaziantep Host plant: unknown
- Chlorophorus varius* (Müller, 1766), Distribution: Adıyaman, Diyarbakır, Gaziantep, Mardin, Siirt, Şanlıurfa Host plant: Fruit, *Vitis* spp.
- Chlorophorus varius damascenus* (Chevrolat, 1854), Distribution: Diyarbakır Host plant: *Prunus persica* (L.)
- Clytus rhamni* Germar, 1817 Distribution: Adıyaman, Gaziantep Host plant: *Amygdalus communis* L.
- Coptosia bithyniensis* (Ganglbauer, 1884), Distribution: Adıyaman, Diyarbakır Host plant: unknown
- Coptosia compacta* (Ménétries, 1832), Distribution: Adıyaman Host plant: unknown
- Cortodera colchica* Reitter, 1890, Distribution: Adıyaman Host plant: unknown
- Dorcadion cinerarium* (Fabricius, 1787), Distribution: Gaziantep, Şanlıurfa Host plant: unknown

- Dorcadion formosum* Kraatz, 1870, Distribution: Gaziantep Host plant: unknown
Dorcadion lameeri Théry, 1896, Distribution: Gaziantep Host plant: unknown
Dorcadion septemlineatum Walth, 1838, Distribution: Gaziantep Host plant: unknown
Dorcadion infernale Mulsant & Rey 1863, Distribution: Diyarbakır Host plant: unknown
Helladia armeniaca Frivaldsky, 1878, Distribution: Adıyaman, Diyarbakır Host plant: unknown
Helladia humeralis (Walth, 1838), Distribution: Adıyaman, Diyarbakır Host plant: unknown
Helladia millefolii (Adams, 1817), Distribution: Adıyaman Host plant: unknown
Lampropterus femoratus (Germar, 1824), Distribution: Adıyaman, Diyarbakır, Gaziantep Host plant: unknown
Mallosia herminae Reitter, 1890, Distribution: Şırnak Host plant: unknown
Musaria puncticollis (Faldermann, 1837), Distribution: Diyarbakır Host plant: unknown
Neomusaria balcanica (Frivaldsky, 1835), Distribution: Mardin Host plant: unknown
Neoplacionotus bobelayei (Brullé, 1832), Distribution: Adıyaman, Diyarbakır Host plant: unknown
Oberea oculata (Linnaeus, 1758), Distribution: Adıyaman, Şanlıurfa Host plant: unknown
Opsilia coerulescens (Scopoli, 1763), Distribution: Adıyaman, Diyarbakır Host plant: unknown
Osphranteria coerulescens Redtenbacher, 1850, Distribution: Adıyaman, Diyarbakır, Gaziantep, Mardin, Siirt, Şanlıurfa Host plant: *Amygdalus communis* L., *Malus domestica* Borkh., *Prunus armeniaca* L., *Prunus avium* L., *Vicia sativa* L., *Prunus persica* (L.), *Pistacia vera* L., *Prunus domestica* L.,
Oxyia argentata (Ménétriés, 1832), Distribution: Adıyaman, Diyarbakır, Siirt Host plant: unknown
Oxyia languida Mulsant, 1862, Distribution: Siirt Host plant: unknown
Pachytodes erraticus (Dalman, 1817), Distribution: Gaziantep Host plant: unknown
Paraplacionotus floralis (Pallas, 1773), Distribution: Adıyaman Host plant: unknown
Phymatodes testaceus (Linnaeus, 1758), Distribution: Adıyaman Host plant: unknown
Phytoecia geniculata Mulsant, 1862, Distribution: Gaziantep Host plant: unknown
Phytoecia puncticollis Faldermann, 1837, Distribution: Diyarbakır Host plant: unknown
Phytoecia virgula (Charpentier, 1825), Distribution: Adıyaman Host plant: unknown
Pilemia annulata (Hampe, 1852), Distribution: Adıyaman Host plant: unknown

Pilemia hirsutula (Frölich, 1793), Distribution: Adıyaman Host plant: unknown
Plagionotus arcuatus (Linnaeus, 1758), Distribution: Diyarbakır Host plant: unknown
Plagionotus floralis (Pallas, 1773), Distribution: Adıyaman Host plant: Trifolium
Pseudovadonia livida (Fabricius, 1776), Distribution: Adıyaman, Gaziantep Host plant: unknown
Purpuricenys budensis (Götz, 1783), Distribution: Adıyaman, Gaziantep, Siirt Host plant: *Amygdalus communis* L.
Ropalopus clavipes (Fabricius, 1775), Distribution: Adıyaman Host plant: unknown
Stenopterus kraatzi (Pic, 1892), Distribution: Adıyaman Host plant: unknown
Stenopterus rufus (Linnaeus, 1767), Distribution: Adıyaman, Gaziantep Host plant: unknown
Stenurella bifasciata (O.F. Müller, 1776), Distribution: Gaziantep Host plant: unknown
Stictoleptura cordigera (Füssli, 1775), Distribution: Adıyaman, Gaziantep Host plant: unknown
Stictoleptura tripartita (Heyden, 1889), Distribution: Adıyaman Host plant: unknown
Stromatium unicolor (Olivier, 1795), Distribution: Gaziantep Host plant: unknown

Family Chrysomelidae

Altica deserticola (Weise, 1889), Distribution: Batman Host plant: unknown
Antipus macropus (Illiger, 1800), Distribution: Diyarbakır, Siirt Host plant: *Pistacia vera* L.
Aphthona atrocaerulea (Stephens, 1831), Distribution: Mardin, Siirt Host plant: unknown
Aphthona franzi Heikertinger, 1944, Distribution: Diyarbakır Host plant: unknown
Aphthona flaviceps Allard, 1859, Distribution: Diyarbakır Host plant: *Pistacia vera* L.
Aphthona gracilis Fadermann, 1837, Distribution: Diyarbakır Host plant: unknown
Aphthona maculata Allard, 1876, Distribution: Diyarbakır Host plant: *Pistacia vera* L.
Aphthona semicyanea melanopeza Jacob, 1900-1901, Distribution: Diyarbakır Host plant: unknown
Cassida sp., Distribution: Diyarbakır Host plant: *Pistacia vera* L.
Cassida brevis Weise, 1884, Distribution: Siirt Host plant: unknown
Cassida linnavuorii Borowiec, 1986, Distribution: Mardin Host plant: unknown
Cassida margaritacea Schaller, 1783, Distribution: Diyarbakır Host plant: unknown
Cassida nobilis Linnaeus, 1758, Distribution: Diyarbakır, Mardin Host plant: *Amygdalus communis* L.

- Cassida palaestina* Reiche, 1858, Distribution: Diyarbakır, Gaziantep Host plant: unknown
- Cassida pannonica* Suffrian, 1844, Distribution: Diyarbakır Host plant: unknown
- Cassida prasina* Illiger, 1798, Distribution: Gaziantep Host plant: unknown
- Cassida saucia* Weise, 1889, Distribution: Batman, Gaziantep Host plant: unknown
- Cassida subferruginea* Schrank, 1776, Distribution: Siirt, Şanlıurfa Host plant: unknown
- Cassida viridis* Linnaeus, 1758, Distribution: Diyarbakır, Şanlıurfa Host plant: unknown
- Chaetocnema montenegrina* Heikertinger, 1912, Distribution: Diyarbakır Host plant: unknown
- Cheilotoma musciformis* (Goeze, 1777), Distribution: Gaziantep Host plant: unknown
- Chrysolina polita* (Linnaeus, 1758), Distribution: Mardin Host plant: unknown
- Chrysolina chalcites* (Germar, 1824), Distribution: Diyarbakır Host plant: unknown
- Chrysolina sahlbergi* (Ménétriés, 1832), Distribution: Diyarbakır Host plant: unknown
- Chrysomelina chalcites* (Germar, 1824), Distribution: Diyarbakır Host plant: unknown
- Cryptocephalus duplicatus* Suffrian, 1847, Distribution: Siirt Host plant: unknown
- Cryptocephalus moraei* (Linnaeus, 1758), Distribution: Diyarbakır Host plant: unknown
- Cryptocephalus octacosmus* Bedel, 1891, Distribution: Diyarbakır, Mardin Host plant: unknown
- Clytra cingulata* Weise, 1898, Distribution: Diyarbakır, Gaziantep Host plant: unknown
- Clytra bodemeyeri* Weise, 1900, Distribution: Gaziantep, Mardin, Siirt Host plant: unknown
- Clytra novempunctata* Olivier, 1808, Distribution: Gaziantep, Mardin, Siirt Host plant: unknown
- Colaphellus sophiae* (Schaller, 1783), Distribution: Diyarbakır Host plant: unknown
- Coptocephala gebleri* Gebler, 1841, Distribution: Diyarbakır Host plant: unknown
- Cyaniris limbata* Steven, 1806, Distribution: Diyarbakır, Gaziantep, Mardin, Siirt, Şanlıurfa Host plant: unknown
- Cyaniris viridana* Lacordaire, 1848, Distribution: Southeastern Anatolia Region Host plant: unknown
- Entomoscelis adonidis* (Pallas, 1771), Distribution: Diyarbakır, Gaziantep Host plant: unknown

Epitrix hirtipennis (Melsheimer, 1847), Distribution: Diyarbakır Host plant: *Pistacia vera* L.

Exosome thoracica Rdt., Distribution: Şanlıurfa Host plant: unknown

Galeruca interrupta Illiger, 1802, Distribution: Mardin Host plant: *Prunus avium* L.

Gastrophysa polygoni (Linnaeus, 1758), Distribution: Diyarbakır Host plant: unknown

Gynandrophthalma limbata Steven, 1806, Distribution: Adıyaman, Diyarbakır, Gaziantep, Mardin, Siirt, Şanlıurfa Host plant: *Pistacia vera* L.

Gynandrophthalma viridana Lacordaire, 1848, Distribution: Adıyaman, Batman, Diyarbakır, Gaziantep, Mardin, Siirt, Şanlıurfa Host plant: *Vitis* spp.

Gonioctena fornicata (Brüggemann, 1873), Distribution: Diyarbakır, Mardin Host plant: unknown

Hermaeophaga ruficollis (Lucas, 1849), Distribution: Diyarbakır Host plant: *Pistacia vera* L.

Hispa atra Linnaeus, 1767, Distribution: Batman, Diyarbakır, Gaziantep, Siirt Host plant: unknown

Labidostomis asiatica Faldermann, 1837, Distribution: Diyarbakır, Gaziantep Host plant: unknown

Labidostomis brevipennis Faldermann, 1837, Distribution: Diyarbakır, Mardin Host plant: *Amygdalus communis* L.

Labidostomis cyanicornis Germar, 1822, Distribution: Siirt Host plant: unknown

Labidostomis decipiens Faldermann, 1837, Distribution: Şanlıurfa Host plant: unknown

Labidostomis longimana (Linnaeus, 1761), Distribution: Siirt Host plant: *Pistacia vera* L.

Labidostomis mesopotamica Heyden, 1886, Distribution: Mardin Host plant: unknown

Labidostomis oertzeni Weise, 1889, Distribution: Diyarbakır, Mardin, Siirt Host plant: unknown

Labidostomis propinqua Faldermann, 1837, Distribution: Diyarbakır Host plant: unknown

Lema melanopa Linnaeus, 1758, Distribution: Diyarbakır, Siirt Host plant: unknown

Longitarsus sp., Distribution: Diyarbakır Host plant: *Pistacia vera* L.

Longitarsus albineus (Foudras, 1860), Distribution: Diyarbakır Host plant: unknown

Longitarsus alfieri Pic 1923, Distribution: Diyarbakır Host plant: *Pistacia vera* L.

Longitarsus anchusae (Paykull, 1799), Distribution: Diyarbakır Host plant: unknown

Longitarsus dichrous Iablokoff-Khnzorian 1962, Distribution: Diyarbakır Host plant: unknown

Longitarsus fallax Weise, 1888, Distribution: Diyarbakır Host plant: unknown

- Longitarsus ganglbaueri* Heikertinger, 1912, Distribution: Diyarbakır Host plant: unknown
- Longitarsus lycopi* (Foudras, 1860), Distribution: Diyarbakır Host plant: unknown
- Longitarsus parvulus* (Paykull, 1799), Distribution: Diyarbakır Host plant: unknown
- Longitarsus salviae* Gruev, 1975, Distribution: Diyarbakır Host plant: *Pistacia vera* L.
- Longitarsus suturellus* (Duftschmid, 1825), Distribution: Diyarbakır, Şanlıurfa Host plant: unknown
- Longitarsus ochroleucus* (Marsham, 1802), Distribution: Diyarbakır Host plant: *Pistacia vera* L.
- Oulema melanopa* (Linnaeus, 1758), Distribution: Mardin Host plant: *Prunus avium* L.
- Pachybrachis fimbriolatus* (Suffrian, 1848), Distribution: Diyarbakır Host plant: unknown
- Phaedon cochleariae* (Fabricius, 1792), Distribution: Diyarbakır, Gaziantep Host plant: unknown
- Phratora vitellinae* (Linnaeus, 1758), Distribution: Diyarbakır, Mardin Host plant: unknown
- Phyllotreta corrugata* Reiche, 1858, Distribution: Diyarbakır, Gaziantep Host plant: unknown
- Phytodecta fornicatus* Brüggen, 1873, Distribution: Adıyaman, Batman, Diyarbakır, Gaziantep, Mardin, Siirt, Şanlıurfa, Şırnak Host plant: *Amygdalus communis* L., *Avena sativa* L.
- Plagioderia versicolora* (Laicharting, 1781), Distribution: Diyarbakır, Mardin Host plant: unknown
- Prasocuris junci* (Brahm, 1790), Distribution: Diyarbakır Host plant: unknown
- Psylliodes anatolica* Gök & Çilbıroğlu, 2004, Distribution: Diyarbakır Host plant: *Pistacia vera* L.
- Psylliodes hyoscyami* (Linnaeus, 1758), Distribution: Diyarbakır Host plant: unknown
- Psylliodes sophiae* Heikertinger, 1914, Distribution: Diyarbakır Host plant: unknown
- Rhaphidopalpa foveicollis* Lucas, 1849, Distribution: Adıyaman, Batman, Diyarbakır, Gaziantep, Mardin, Siirt, Şanlıurfa, Şırnak Host plant: *Amygdalus communis* L., *Avena sativa* L.
- Smaragdina limbata* (Steven, 1806), Distribution: Diyarbakır, Mardin Host plant: *Amygdalus communis* L., *Prunus avium* L.
- Smaragdina scutellaris* (Lefevre, 1872), Distribution: Diyarbakır, Mardin Host plant: *Amygdalus communis* L.
- Smaragdina unipunctata* (Olivier, 1808), Distribution: Diyarbakır, Gaziantep, Mardin, Şanlıurfa Host plant: *Prunus avium* L.

Smaragdina viridana (Lacordaire, 1848), Distribution: Mardin Host plant: *Prunus avium* L.

Family Bruchidae

Acanthoscelides obtectus (Say, 1831), Distribution: Southeastern Anatolia Region Host plant: unknown

Bruchus ervi Frölich, 1799, Distribution: Diyarbakır, Gaziantep, Mardin, Şanlıurfa Host plant: *Lens culinaris* Medik.

Bruchus dentipes (Baudi, 1886), Distribution: Southeastern Anatolia Region Host plant: unknown

Bruchus lentis Frölich, 1799, Distribution: Gaziantep Host plant: *Lens culinaris* Medik.

Bruchus nubilus (Boheman, 1833), Distribution: Adıyaman, Batman, Diyarbakır, Gaziantep, Mardin, Siirt, Şanlıurfa Host plant: Legumes and forage crops

Bruchus tetragonus (Baudi, 1886), Distribution: Southeastern Anatolia Region Host plant: unknown

Bruchus tristis Bohemann, 1833, Distribution: Adıyaman, Batman, Diyarbakır, Gaziantep, Mardin, Siirt, Şanlıurfa Host plant: Legumes and forage crops

Bruchus ulicis Mulsant & Rey, 1858, Distribution: Adıyaman, Batman, Diyarbakır, Gaziantep, Mardin, Siirt, Şanlıurfa Host plant: Legumes and forage crops

Bruchidius albopictus (Allard, 1883), Distribution: Southeastern Anatolia Region Host plant: unknown

Bruchidius anobioides (Baudi, 1886), Distribution: Southeastern Anatolia Region Host plant: unknown

Bruchidius bimaculatus (Olivier, 1795), Distribution: Adıyaman, Batman, Diyarbakır, Gaziantep, Mardin, Siirt, Şanlıurfa Host plant: Legumes and forage crops

Bruchidius fulvus (Allard, 1883), Distribution: Diyarbakır Host plant: Licorice

Bruchidius foveolatus (Gyllenhal, 1833), Distribution: Southeastern Anatolia Region Host plant: unknown

Bruchidius trifolii (Motschulsky, 1873), Distribution: Southeastern Anatolia Region Host plant: unknown

Bruchidius quinqueguttatus (Olivier, 1795), Distribution: Adıyaman, Batman, Diyarbakır, Gaziantep, Mardin, Siirt, Şanlıurfa Host plant: Legumes and forage crops

Caryedon palestinicus Southgate, 1979, Distribution: Şanlıurfa Host plant: Light trap

Callosobruchus maculatus (Fabricius, 1775), Distribution: Adıyaman, Batman, Diyarbakır, Gaziantep, Mardin, Siirt, Şanlıurfa Host plant: Legumes and forage crops.

Superfamily Cleroidea

Family Trogossitidae

Tenebroides mauritanicus Linnaeus, 1758, Distribution: Adıyaman, Diyarbakır, Mardin, Siirt, Şanlıurfa Host plant: *Amygdalus communis* L., the pests of flour, *Cucurbita* spp.

Superfamily Cucujoidea

Family Coccinellidae

Adalia bipunctata (Linnaeus, 1758), Distribution: Adıyaman, Batman, Diyarbakır, Mardin, Siirt, Şanlıurfa Host plant: *Amygdalus communis* L., *Gossypium hirsutum* L., *Zea mays* L. Host insect: Aphididae, Coccoidea

Adalia decempunctata (Linnaeus, 1758), Distribution: Diyarbakır, Mardin Host plant: *Amygdalus communis* L. Host insect: Aphididae, Coccoidea

Adalia fasciatopunctata revelierei (Mulsant, 1866), Distribution: Diyarbakır, Mardin Host plant: Unknown Host insect: Aphididae, Coccoidea

Adonia variegata (Goeze, 1777), Distribution: Adıyaman, Batman, Diyarbakır, Gaziantep, Mardin, Siirt, Şanlıurfa, Şırnak Host plant: *Zea mays* L., *Gossypium hirsutum* L., *Olea europaea* L., *Pistacia vera* L., Vegetables Host insect: Polyphagous, Aphididae, Coccoidea

Chilocorus bipustulatus (Linnaeus, 1758), Distribution: Diyarbakır, Gaziantep, Mardin, Siirt Host plant: *Amygdalus communis* L., *Prunus avium* L., *Pistacia vera* L. Host insect: Coccoidea

Clitostethus arcuatus (Rossi, 1794), Distribution: Diyarbakır Host plant: unknown

Coccinella conglobata Linnaeus, 1758, Distribution: Gaziantep Host plant: *Pistacia vera* L.

Coccinella septempunctata Linnaeus, 1758, Distribution: Adıyaman, Batman, Diyarbakır, Gaziantep, Mardin, Siirt, Şanlıurfa, Şırnak Host plant: *Trifolium*, *Amygdalus communis* L., *Prunus avium* L., *Zea mays* L., *Gossypium hirsutum* L., *Olea europaea* L., *Pistacia vera* L., Vegetables Host insect: Polyphagous

Coccinella undecimpunctata Linnaeus, 1758, Distribution: Adıyaman, Batman, Diyarbakır, Gaziantep, Mardin, Siirt, Şanlıurfa Host plant: *Trifolium*, *Amygdalus communis* L., *Zea mays* L., *Gossypium hirsutum* L., *Olea europaea* L., *Pistacia vera* L., Vegetables Host insect: Polyphagous

Coccinula sinuatomarginata (Faldermann, 1837), Distribution: Southeastern Anatolia Region Host plant: unknown

Coccinella quatuordecimpustulata Linnaeus, 1758, Distribution: Southeastern Anatolia Region Host plant: unknown

Exochomus flavipes (Thunberg, 1781), Distribution: Southeastern Anatolia Region Host plant: unknown

Exochomus nigromaculatus (Goeze, 1777), Distribution: Adıyaman, Batman, Diyarbakır, Gaziantep, Mardin, Siirt, Şanlıurfa Host plant: *Trifolium*, *Amygdalus communis* L., *Pistacia vera* L., Vegetables Host insect: Polyphagous

- Exochomus pubescens* Küster, 1848, Distribution: Şanlıurfa Host plant: Trifolium,
- Adalia fasciatopunctata revelierei* Mulsant, 1866, Distribution: Diyarbakır, Mardin Host plant: *Pistacia vera* L. Host insect: Aphididae, Coccoidea
- Exochomus quadripustulatus* (Linnaeus, 1758), Distribution: Adıyaman, Batman, Diyarbakır, Gaziantep, Mardin, Siirt, Şanlıurfa Host plant: *Amygdalus communis* L., *Pistacia vera* L., Vegetables Host insect: Polyphagous
- Harmonia quadripunctata* (Pontoppidan, 1763), Distribution: Diyarbakır, Mardin Host plant: *Amygdalus communis* L. Host insect: Polyphagous
- Henosepilachna argus* (Geoffroy, 1762), Distribution: Southeastern Anatolia Region Host plant: Unknown Host insect: Polyphagous
- Henosepilachna elaterii* Rossi, 1794, Distribution: Southeastern Anatolia Region Host plant: Unknown Host insect: Polyphagous
- Hippodamia variegata* (Goeze, 1777), Distribution: Diyarbakır, Mardin, Şanlıurfa Host plant: *Amygdalus communis* L., *Pistacia vera* L., Host insect: Polyphagous
- Hyperaspis femorata* (Motschulsky, 1837), Distribution: Southeastern Anatolia Region Host plant: Unknown Host insect: Polyphagous
- Hypraspis quadrimaculata* Redtenbacher, 1843, Distribution: Adıyaman, Batman, Diyarbakır, Gaziantep, Mardin, Siirt, Şanlıurfa Host plant: *Amygdalus communis* L., *Cicer arietinum* L., *Zea mays* L., *Gossypium hirsutum* L., *Lens culinaris*, *Pistacia vera* L., *Cucumis melo* L., *Citrullus lanatus* L., Host insect: Polyphagous
- Hyperaspis repensis* (Herbst, 1783), Distribution: Adıyaman, Batman, Diyarbakır, Gaziantep, Mardin, Siirt, Şanlıurfa Host plant: *Amygdalus communis* L., *Pistacia vera* L. Host insect: Polyphagous
- Hyperaspis polita* Weise, 1885, Distribution: Diyarbakır, Şanlıurfa Host plant: Vegetables Host insect: Polyphagous
- Myrrha octodecimquttata* (Linnaeus, 1758), Distribution: Diyarbakır, Mardin Host plant: Unknown Host insect: Polyphagous
- Myzia oblongoquttata* (Linnaeus, 1758), Distribution: Southeastern Anatolia Region Host plant: Unknown Host insect: Polyphagous
- Nephus (Sidis) caneparıi* Fürsch & Uygun, 1980, Distribution: Diyarbakır, Mardin Host plant: *Amygdalus communis* L. Host insect: Polyphagous
- Nephus (Sidis) hiekei* (Fursch, 1965), Distribution: Adıyaman, Gaziantep, Mardin, Şanlıurfa Host plant: *Olea europaea* L. Host insect: Polyphagous
- Nephus includens* Kirsch, 1870, Distribution: Southeastern Anatolia Region Host plant: Unknown Host insect: Polyphagous
- Nephus ludyi* Weise, 1879, Distribution: Adıyaman, Batman, Diyarbakır, Gaziantep, Mardin, Siirt, Şanlıurfa Host plant: *Pistacia vera* L. Host insect: Polyphagous
- Nephus nigricans* Weise, 1879, Distribution: Adıyaman, Batman, Diyarbakır, Gaziantep, Mardin, Siirt, Şanlıurfa Host plant: *Amygdalus communis* L., *Cicer arietinum* L., *Zea mays* L., *Gossypium hirsutum* L., *Lens culinaris* L., *Cucumis*

- melo* L., *Olea europaea* L., *Pistacia vera* L., Trifolium, Vegetables, *Vitis* spp., *Citrillus lanatus* L. Host insect: Polyphagous
- Nephus quadrimaculatus* (Herbst, 1783), Distribution: Southeastern Anatolia Region Host plant: Unknown Host insect: Polyphagous
- Oenopia conglobata* (Linnaeus, 1758), Distribution: Adıyaman, Batman, Diyarbakır, Mardin, Siirt, Şanlıurfa Host plant: *Amygdalus communis* L., *Zea mays* L., *Pistacia vera* L., *Prunus avium* L., Alfalfa Host insect: Polyphagous
- Oenopia oncina* (Olivier, 1808) Distribution: Diyarbakır, Mardin, Siirt Host plant: *Amygdalus communis* L., *Pistacia vera* L. Host insect: Polyphagous
- Pharoscymnus numidicus* (Pic, 1900), Distribution: Diyarbakır, Mardin Host plant: *Amygdalus communis* L., *Pistacia vera* L. Host insect: Polyphagous
- Pharoscymnus pharoides* (Marseul, 1868), Distribution: Adıyaman, Batman, Diyarbakır, Gaziantep, Mardin, Siirt, Şanlıurfa Host plant: *Amygdalus communis* L., *Pistacia vera* L. Host insect: Polyphagous
- Platynaspis luteorubra* (Goeze, 1777), Distribution: Diyarbakır, Mardin, Şanlıurfa Host plant: *Amygdalus communis* L., Vegetables Host insect: Polyphagous
- Propylea quatuordecimpunctata* (Linnaeus, 1758), Distribution: Diyarbakır, Şanlıurfa Host plant: *Punica granatum* L., Vegetables, Host insect: Polyphagous
- Psyllobora bisoctonotata* (Mulsant, 1850), Distribution: Mardin Host plant: *Prunus avium* L. Host insect: Polyphagous
- Psyllobora vigintiduopunctata* (Linnaeus, 1758), Distribution: Diyarbakır, Mardin, Siirt, Şanlıurfa Host plant: *Amygdalus communis* L., Alfalfa Host insect: Polyphagous
- Rodolia cardinalis* (Mulsant, 1850), Distribution: Southeastern Anatolia Region Host plant: unknown Host insect: unknown
- Scymnus apetzi* Mulsant, 1846, Distribution: Adıyaman, Batman, Diyarbakır, Gaziantep, Mardin, Siirt, Şanlıurfa Host plant: *Gossypium hirsutum* L., *Olea europaea* L., *Pistacia vera* L. Host insect: Polyphagous
- Scymnus (Pullus) araraticus* Iablokoff-Khnzorian, 1969, Distribution: Adıyaman, Batman, Diyarbakır, Gaziantep, Mardin, Siirt, Şanlıurfa Host plant: *Amygdalus communis* L., *Zea mays* L., *Olea europaea* L., *Punica granatum* L., *Pistacia vera* L., Vegetables Host insect: Polyphagous
- Scymnus (Pullus) auritus* Thunberg, 1795, Distribution: Diyarbakır, Mardin Host plant: *Amygdalus communis* L. Host insect: Polyphagous
- Scymnus bivulnerus* Capra & Fürsch, 1967, Distribution: Adıyaman, Batman, Diyarbakır, Gaziantep, Mardin, Siirt, Şanlıurfa Host plant: *Cucumis melo* L., *Avena sativa* L., *Pistacia vera* L., Vegetables, *Citrillus lanatus* L. Host insect: Polyphagous
- Scymnus flagellisiphonatus* (Fürsch, 1970), Distribution: Adıyaman, Batman, Diyarbakır, Gaziantep, Mardin, Siirt, Şanlıurfa Host plant: *Amygdalus communis* L., *Pistacia vera* L., Vegetables Host insect: Polyphagous

- Scymnus flavicollis* Redtenbacher, 1843, Distribution: Adıyaman, Batman, Diyarbakır, Mardin, Siirt, Şanlıurfa Host plant: *Zea mays* L., *Gossypium hirsutum* L., Vegetables Host insect: Polyphagous
- Scymnus frontalis* Fabricius, 1787, Distribution: Southeastern Anatolia Region Host plant: Unknown Host insect: Polyphagous
- Scymnus inderihensis* Mulsant, 1850, Distribution: Diyarbakır, Mardin, Şanlıurfa Host plant: *Avena sativa* L. Host insect: Polyphagous
- Scymnus interruptus* (Goeze, 1777), Distribution: Adıyaman, Diyarbakır, Mardin, Siirt, Şanlıurfa Host plant: *Gossypium hirsutum* L., Vegetables Host insect: Polyphagous
- Scymnus levaillantii* Mulsant, 1850, Distribution: Adıyaman, Batman, Diyarbakır, Mardin, Siirt, Şanlıurfa Host plant: *Zea mays* L., *Gossypium hirsutum* L., *Avena sativa* L., *Punica granatum* L. Host insect: Polyphagous
- Scymnus marginalis* (Rossi, 1794), Distribution: Diyarbakır, Şanlıurfa Host plant: Vegetables, Host insect: Polyphagous
- Scymnus mediterraneus* Iablokoff-Khnzorian, 1972, Distribution: Diyarbakır, Mardin Host plant: Unknown Host insect: unknown
- Scymnus nigrinus* Kugelann, 1794, Distribution: Diyarbakır Host plant: *Cucumis melo* L., *Citrillus lanatus* L. Host insect: Polyphagous
- Scymnus pallipediformis* Günther, 1958, Distribution: Adıyaman, Batman, Diyarbakır, Gaziantep, Mardin, Siirt, Şanlıurfa Host plant: *Amygdalus communis* L., *Zea mays* L., *Cucumis melo* L., *Pistacia vera* L., *Punica granatum* L., Alfalfa, Vegetables, *Vitis* spp., *Citrillus lanatus* L. Host insect: Polyphagous
- Scymnus rubromaculatus* (Goeze, 1777), Distribution: Adıyaman, Batman, Diyarbakır, Mardin, Şanlıurfa Host plant: *Zea mays* L., *Cucumis melo* L., Alfalfa, *Punica granatum* L., Vegetables, *Vitis* spp., *Citrillus lanatus* L. Host insect: Polyphagous
- Scymnus suturalis* Thunberg, 1795, Distribution: Adıyaman, Batman, Diyarbakır, Gaziantep, Mardin, Siirt, Şanlıurfa Host plant: *Pistacia vera* L., Host insect: Polyphagous
- Scymnus subvillosus* (Goeze, 1777), Distribution: Adıyaman, Batman, Diyarbakır, Gaziantep, Mardin, Siirt, Şanlıurfa Host plant: *Amygdalus communis* L., *Zea mays* L., *Pistacia vera* L., Alfalfa, Vegetables, *Vitis* spp., *Prunus avium* L. Host insect: Polyphagous
- Scymnus syriacus* (Marseul, 1868), Distribution: Adıyaman, Batman, Diyarbakır, Gaziantep, Mardin, Siirt, Şanlıurfa Host plant: *Pistacia vera* L., *Prunus avium* L. Host insect: Polyphagous
- Scymnus quadriguttatus* Fursch & Kreissl 1971, Distribution: Adıyaman, Batman, Diyarbakır, Gaziantep, Mardin, Siirt, Şanlıurfa Host plant: *Prunus avium* L., *Cucumis melo* L., *Pistacia vera* L., *Punica granatum* L., Vegetables, *Vitis* spp., *Citrillus lanatus* L. Host insect: Polyphagous
- Scymnus quadrimaculatus* (Herbst, 1783) Distribution: Adıyaman, Gaziantep, Mardin, Şanlıurfa Host plant: *Olea europaea* L. Host insect: Polyphagous

Coccinella undecimpunctata Linnaeus, 1758 Distribution: Southeastern Anatolia Region Host plant: Unknown Host insect: Polyphagous

Stethorus gilvifrons (Mulsant, 1850), Distribution: Adıyaman, Batman, Diyarbakır, Gaziantep, Mardin, Siirt, Şanlıurfa Host plant: *Amygdalus communis* L., *Zea mays* L., *Gossypium hirsutum* L., *Olea europaea* L., *Pistacia vera* L., Alfalfa, Vegetables, *Vitis* spp., *Citrillus lanatus* L. Host insect: Polyphagous

Stethorus punctillum (Weise, 1891), Distribution: Adıyaman, Batman, Diyarbakır, Gaziantep, Mardin, Siirt, Şanlıurfa Host plant: *Gossypium hirsutum* L., *Pistacia vera* L., Host insect: Polyphagous

Synharmonia conglobata (Linnaeus, 1758), Distribution: Adıyaman, Batman, Diyarbakır, Gaziantep, Mardin, Siirt, Şanlıurfa Host plant: *Olea europaea* L., *Pistacia vera* L., *Punica granatum* L., Alfalfa, Vegetables, Host insect: Polyphagous

Tea vigintiduopunctata (Linnaeus, 1758), Distribution: Southeastern Anatolia Region Host plant: Unknown Host insect: Polyphagous

Vibidia duodecimguttata (Poda, 1761), Distribution: Southeastern Anatolia Region Host plant: Unknown Host insect: Polyphagous.

Family Nitidulidae

Cybocephalus fodori minor (Endrödy-Younga, 1965), Distribution: Mardin, Siirt Host plant: *Vitis* spp.

Cybocaphalus sp., Distribution: Diyarbakır Host plant: *Pistacia vera* L.

Family Phalacridae

Olibrus flaviZea mays L.is (Sturm, 1807), Distribution: Diyarbakır, Mardin, Host plant: *Amygdalus communis* L.

Stilbus apicalis (Melsheimer, 1844), Distribution: Diyarbakır, Mardin, Host plant: *Amygdalus communis* L.

Family Silvanidae

Oryzaephilus surinamensis (Linnaeus, 1758), Distribution: Adıyaman, Diyarbakır, Mardin, Siirt, Şanlıurfa, Host plant: *Amygdalus communis* L., Storage pests, the pests of flour, *Cucurbita* spp.

CONCLUSIONS

The aim of this study is to make contribution to some faunistical records of Coleoptera of the Southeastern Anatolia Region of Turkey. This region has different climatic conditions and contains different habitats. Coleoptera contains both important phytophagous and also zoophagous insects.

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