



A checklist of the Kateretidae and Nitidulidae of Iran (Coleoptera: Cucujoidea)

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Abstract

The current knowledge of the geographic distribution of short-winged flower beetles and sap beetles (Kateretidae and Nitidulidae, respectively) from Iran is summarized. In total, 84 species of Nitidulidae (in 22 genera and 5 subfamilies: Epurinae, Carpophilinae, Cryptarchinae, Nitidulinae, Meligethinae) and 6 species of Kateretidae (in 4 genera: *Brachyleptus* Motschulsky, *Brachypterolus* Grouvelle, *Brachypterus* Kugelann, *Kateretes* Herbst) are listed. *Brachyleptus discolor* Reitter, *Brachypterus glaber* (Newman) (both Kateretidae), *Epuraea distincta* (Grimmer), *Soronia oblonga* (Brisout), *Lamiogethes bidens* (Brisout), *Lamiogethes medvedevi* (Kirejtshuk), *Sagittgethes devillei* (Grouvelle) and *Xerogethes rotundicollis* (Brisout) (Nitidulidae) are new records for Iran.

Key words: Coleoptera, sap beetles, short-winged flower beetles, checklist, Iran

Introduction

Nitidulidae Latreille, 1802, also known as sap beetles, are one of the largest and most diverse families belonging to the superfamily Cucujoidea and suborder Polyphaga. The family contains about 230 genera and more than 3000 species, widely distributed in all zoogeographical regions. Sap beetles are small beetles whose trophic and habitat requirements are extremely varied, utilizing a multitude of dietary niches.

Kateretidae Erichson, 1846, also known as short-winged flower beetles, are a small family of small-sized beetles, containing approximately 108 species in 16 genera. Until recently, Kateretidae were considered to be a subfamily in Nitidulidae, but were elevated to family status by Audisio (1984) and Kirejtshuk (1986). Our present knowledge of Iranian Kateretidae and Nitidulidae is based on several entomological expeditions which visited Iran. The most important were the Czechoslovak-Iranian expeditions in 1970 and 1973 (Jelínek 1981). In later years appeared a few publications with new records (Audisio 1991; Jelínek 1982a, 1982b). This paper presents previously unpublished data from the third Czechoslovak-Iranian expedition to Iran in 1977. Specific locations were given by Hoberlandt (1983). The aim of this paper is to summarize all available data on Iranian sap beetles and short-winged flower beetles.

Materials and methods

The published data on Kateretidae and Nitidulidae in Iran are summarized from previous reports as well as some original material collected from different regions of the country. The catalogue comprises the following data: the valid taxon name, synonymy, and published records with provincial distribution (see Fig. 1) or, when this information is not available, "Iran (no locality cited)" is given. The system, nomenclature, synonymy, and distribution follow Audisio (1993b) and Jelínek & Audisio (2007). The taxonomy, nomenclature, and extra-Iranian distribution used here follow the *Catalogue of Palaearctic Coleoptera* (Jelínek & Audisio 2007), except for *Meligethes* Stephens and relatives, which conform to the recent work of Audisio *et al.* (2009). The list of species is given alphabetically together with synonymies and distribution data. Also, the following acronyms of museums and depositories are used:

NKME = Naturkunde Museum Erfurt, Germany.

NMPC = National Museum (Natural History), Prague, Czech Republic.

coll. Orszulik = collection ing. Kamil Orszulik, Frýdek-Místek, Czech Republic.

SRIAU = Shahre Rey Islamic Azad University, Iran.

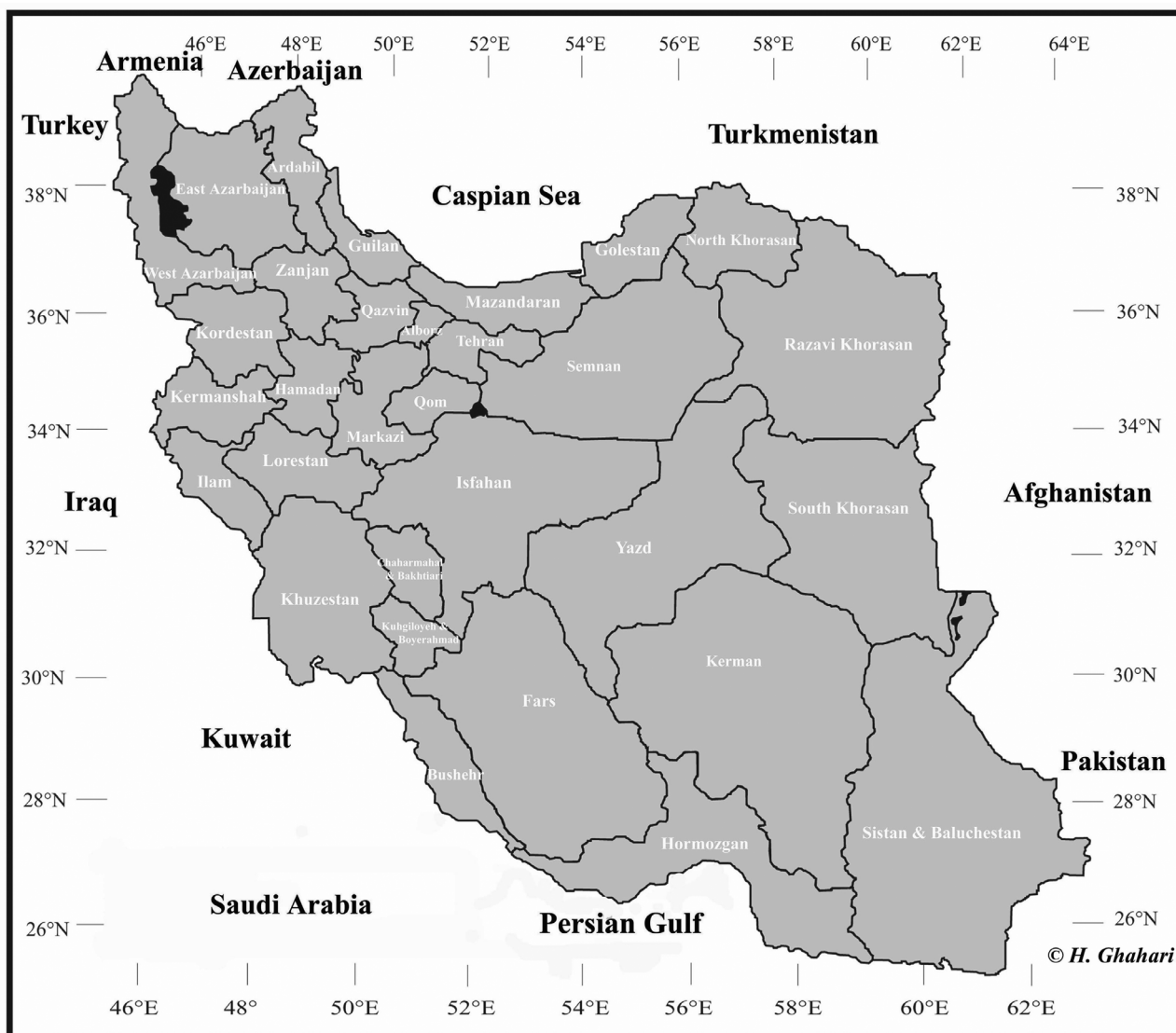


FIGURE 1.

Results

In total, 84 species of Nitidulidae and six species of Kateretidae have been recorded from Iran so far, and the list of species is given below with synonymies and distribution data. Among the listed species, eight species (two species of Kateretidae and six species of Nitidulidae) are new records for Iran.

Family Kateretidae Erichson, 1846

Genus *Brachyleptus* Motschulsky, 1845

***Brachyleptus aurosus* Reitter, 1885**

Brachyleptus reitteri Ganglbauer, 1899; *Brachyleptus tomentiventris* Reitter, 1896.

Distribution within Iran. Khorasan, Tehran (Jelínek 1980, 1981), Iran (no locality cited) (Reitter 1919).

Distribution outside Iran. Afghanistan, Armenia, Azerbaijan, Bulgaria, Egypt, Greece, Iraq, Israel, Jordan, Lebanon, Russia, Syria, Turkey, Turkmenistan.

***Brachyleptus discolor* Reitter, 1896**

Brachyleptus rufipennis Pic, 1919.

Material examined. Khuzestan, Pol-e Tang, 60 km NW of Andimeshk (Loc. no. 284), 10.-11.iv.1977, 1 spec. (NMPC), (third Czechoslovak-Iranian expedition to Iran 1977). **New Iranian record.**

Distribution outside Iran. Armenia, Azerbaijan, Cyprus, Georgia, Iraq, Israel, Jordan, Lebanon, Russia, Syria, Turkey.

***Brachyleptus quadratus* (Sturm, 1844)**

Brachypterolus canescens Motschulsky, 1845.

Distribution within Iran. Semnan (Ghahari *et al.* 2012).

Distribution outside Iran. Armenia, Austria, Azerbaijan, Bosnia Herzegovina, Bulgaria, Croatia, Cyprus, Georgia, Greece, Hungary, Iraq, Israel, Jordan, Lebanon, Macedonia, Romania, Russia, Serbia and Montenegro, Slovakia, Syria, Turkey, Ukraine.

Genus *Brachypterolus* Grouvelle, 1913

***Brachypterolus pulicarius* (Linnaeus, 1758)**

Scaphidium scutellatum Panzer, 1792; *Dermestes lepturoides* Scopoli, 1793; *Catheretes gravidus* Illiger, 1798; *Brachypterolus laiticollis* Küster, 1848; *Brachypterolus flaviclavis* Rey, 1889; *Brachypterolus fuscopubens* Reitter, 1919; *Heterostomus mordelloides* Notman, 1920.

Distribution within Iran. Golestan (Ghahari *et al.* 2012).

Distribution outside Iran. Austria, Azores, Bosnia Herzegovina, Belarus, Bulgaria, China, Croatia, Denmark, Estonia, Finland, France, Germany, Great Britain, Hungary, Italy, Japan, Kazakhstan, Latvia, Lithuania, Mongolia, Norway, Poland, Russia, Serbia and Montenegro, South Korea, Sweden, Switzerland, the Netherlands, Ukraine, Nearctic Region.

Genus *Brachypterus* Kugelann, 1794

***Brachypterus glaber* (Newman, 1834)**

Brachypterus pubescens Erichson, 1843; *Cercus pubescens* P. H. Lucas, 1846; *Brachypterus meridionalis* Küster, 1848; *Brachypterus ater* Motschulsky, 1849; *Brachypterus unicolor* Küster, 1849; *Brachypterus collinus* Gistel, 1857; *Brachypterus lucasii* Murray, 1864.

Material examined. East Azarbaijan, Arasbaran (947 m), 2 spec., 20-26 July 2007, leg. M. Havaskary. **New Iranian record.**

Distribution outside Iran. Algeria, Azerbaijan, Azores, Belarus, Bosnia Herzegovina, Bulgaria, Croatia, Cyprus, Denmark, Estonia, Finland, France, Great Britain, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Malta, Macedonia, Morocco, Norway, Poland, Spain, Sweden, the Netherlands, Tunisia, Turkey.

Genus *Kateretes* Herbst, 1793

***Kateretes dalmatinus* (Sturm, 1844)**

Cercus testaceus Murray, 1864.

Distribution within Iran. East Azarbaijan (Jelínek 1981; Audisio *et al.* 2000).

Distribution outside Iran. Austria, Azerbaijan, Croatia, Greece, Hungary, Israel, Italy, Turkey.

Family Nitidulidae Latreille, 1802

Subfamily Epuraeinae Kirejtshuk, 1986

Genus *Epuraea* Erichson, 1843

***Epuraea aestiva* (Linnaeus, 1758)**

Anthribus testacea Olivier, 1790; *Nitidula obsoleta* Herbst, 1793; *Nitidula villosa* Thunberg, 1794; *Nitidula depressa* Illiger, 1798; *Nitidula convexiuscula* Mannerheim, 1843; *Epuraea bisignata* Sturm, 1844; *Epuraea ochracea* Sturm, 1844; *Nitidula vaccinii* Gistel, 1857; *Epuraea grandiclava* Roubal, 1939.

Distribution within Iran. Iran (no locality cited) (Jelínek & Audisio 2007).

Distribution outside Iran. Whole Palaearctic Region.

***Epuraea distincta* (Grimmer, 1841)**

Nitidula polyporina Gistel, 1857.

Material examined. Fars, Pasargad, 30°11'42'' N, 53°10'06'' E, 1870 m, 27.iv. 2010, A. Weigel leg., 1 spec. (NKME). **New Iranian record.**

Distribution outside Iran. Austria, Belarus, Bosnia Herzegovina, Croatia, Czech Republic, Finland, France, Germany, Great Britain, Hungary, Italy, Japan, Kazakhstan, Latvia, Moldavia, Poland, Romania, Russia, Slovakia, Slovenia, Switzerland, the Netherlands, Ukraine.

***Epuraea drapeta* Reitter, 1909**

Distribution within Iran. Khorasan, Kuhgiloyeh & Boyerahmad (Jelínek 1981; Audisio *et al.* 2000).

Distribution outside Iran. Tajikistan, Turkmenistan, Uzbekistan.

***Epuraea guttata* (Olivier, 1811)**

Nitidula decemguttata Fabricius, 1792.

Distribution within Iran. Alborz, Tehran (Audisio *et al.* 2000), Iran (no locality cited) (Sjöberg 1939; Horion 1960; Franz 1974).

Distribution outside Iran. Entire Palaearctic Region.

***Epuraea luteola* Erichson, 1843**

Nitidula intendens Walker, 1858; *Nitidula submaculata* Walker, 1859; *Haptoncus pubescens* Murray, 1864; *Haptoncus testacea* Murray, 1864; *Epuraea vulpecula* L. Redtenbacher, 1868; *Haptoncus paupercula* Reitter, 1873; *Epuraea texana* Crotch, 1874; *Haptoncura subquadrata* Reitter, 1877; *Haptoncus albertisi* Reitter, 1880; *Haptoncus floreola* Sharp, 1890.

Distribution within Iran. Guilan, Mazandaran (Sakenin *et al.* 2008b), Khuzestan (Azimi *et al.* 1993; Modarres Awal 1997 under *Haptoncus luteola* Erichson).

Distribution outside Iran. Afghanistan, Albania, Andorra, Arab Emirates, Azerbaijan, Bosnia Herzegovina, Bulgaria, Canary Islands, China, Croatia, Cyprus, France, Germany, Greece, India, Iraq, Israel, Italy, Japan, Korea, Malta, Macedonia, Morocco, Nepal, Pakistan, Portugal, Romania, Saudi Arabia, Serbia and Montenegro, Slovenia, Spain, Taiwan, Turkey, Ukraine.

***Epuraea marseuli* Reitter, 1873**

Nitidula pusilla Illiger, 1798; *Epuraea bickhardti* Sainte-Claire Deville, 1906; *Epuraea lenkorana* Méquignon, 1945; *Epuraea acuta* Biström, 1977.

Distribution within Iran. Golestan (Jelínek 1981; Audisio 1982; Audisio *et al.* 2000).

Distribution outside Iran. Entire Palaearctic Region.

***Epuraea melanocephala* (Marsham, 1802)**

Nitidula affinis Stephens, 1830; *Nitidula truncata* Stephens, 1830; *Nitidula discolor* Waltl, 1838; *Nitidula brunnea* Heer, 1841; *Nitidula ferruginea* Heer, 1841; *Nitidula heterochroa* Gistel, 1857.

Distribution within Iran. Northern Iran (no locality cited) (Audisio *et al.* 2000).

Distribution outside Iran. All of Europe as well as Algeria, Morocco, Tunisia.

***Epuraea sengleti* Audisio, 1991**

Distribution within Iran. Kordestan, Tehran (Audisio 1991; Audisio *et al.* 2000).

Distribution outside Iran. Endemic to Iran.

***Epuraea silacea* (Herbst, 1783)**

Epuraea deleta Sturm, 1844; *Epuraea laricina* Motschulsky, 1860; *Epuraea fagi* Brisout de Barneville, 1874.

Distribution within Iran. Mazandaran (Jelínek 1981 under *E. deleta* Sturm; Audisio *et al.* 2000).

Distribution outside Iran. Albania, Austria, Belarus, Belgium, Bosnia Herzegovina, Bulgaria, Czech Republic, Croatia, Denmark, Estonia, Finland, France, Germany, Georgia, Greece, Great Britain, Hungary, Ireland, Italy, Latvia, Lithuania, Macedonia, Moldavia, Mongolia, Norway, Poland, Romania, Russia, Serbia and Montenegro, Slovakia, Slovenia, Sweden, Switzerland, the Netherlands, Ukraine.

Subfamily Carpophilinae Erichson, 1842

Genus *Carpophilus* Stephens, 1830

Carpophilus bipustulatus (Heer, 1841)

Distribution within Iran. Mazandaran (Sakenin *et al.* 2008a).

Distribution outside Iran. Afghanistan, Austria, Bosnia Herzegovina, Bulgaria, Croatia, France, Germany, Georgia, Greece, Hungary, Italy, Romania, Russia, Slovakia, Spain, Switzerland, Syria, the Netherlands, Turkey, Ukraine.

Carpophilus dimidiatus (Fabricius, 1792)

Carpophilus pusillus Stephens, 1830; *Carpophilus auropilosus* Wollaston, 1854.

Distribution within Iran. Khuzestan (Azimi *et al.* 1993), generally distributed in Iran (Modarres Awal 1997).

Distribution outside Iran. Arab Emirates, Azores, Canary Islands, China, Cyprus, Egypt, Greece, Iraq, Italy, Japan, Jordan, Syria, the Netherlands, Turkey. Cosmopolitan species.

Carpophilus fumatus Boheman, 1851

Carpophilus ochropterus Klug, 1862.

Distribution within Iran. Mazandaran (Sakenin *et al.* 2011).

Distribution outside Iran. Azores, Iraq, Italy (Sicily), Morocco, Portugal, Turkey and Afrotropical region.

Carpophilus hemipterus (Linnaeus, 1758)

Silpha bimaculata Linnaeus, 1767; *Nitidula flexuosa* Herbst, 1790; *Nitidula quadriguttata* Thunberg, 1794; *Nitidula quadrata* Fabricius, 1798; *Nitidula cadaverina* Fabricius, 1801; *Stenus ficus* Fabricius, 1801; *Cateretes dimidiatus* Heer, 1841; *Cateretes pictus* Heer, 1841; *Carpophilus brevipennis* Germain, 1856; *Carpophilus atterimus* MacLeay, 1871; *Carpophilus circumdatus* Ragusa, 1892.

Distribution within Iran. Golestan (Khormali *et al.* 2002), generally distributed in Iran (Modarres Awal 1997).

Distribution outside Iran. Cosmopolitan.

Comments. *Zeteticontus abilis* (Silvestri 1915) (Hymenoptera: Encyrtidae) was collected from Savadkooh (Mazandaran province) as the parasitoid of *C. hemipterus*.

Carpophilus indicus Hisamatsu, 1963

Distribution within Iran. Hormozgan, Sistan & Baluchestan (Jelínek 1986 under *C. delkeskampi indicus* Hisamatsu).

Distribution outside Iran. Iraq, Jordan, Kuwait, Pakistan, Saudi Arabia, Taiwan, Oriental Region.

Carpophilus jelineki Audisio & Kirejtshuk, 1989

Carpophilus pictus Jelínek, 1986.

Distribution within Iran. Hormozgan (Jelínek 1986 under *C. pictus* Jelínek); Khorasan, Ab Garm Mortaza Ali, 20 km E Tabas, 12.V.2010, 1 spec., lgt. et coll. K. Orszulik.

Distribution outside Iran. Kuwait, Saudi Arabia, Oriental Region.

***Carpophilus mutilatus* Erichson, 1843**

Carpophilus pilosellus Motschulsky, 1858; *Carpophilus luridus* Murray, 1864.

Material examined. Isfahan, 27 km S Khur, 10.V.2010, 8 spec., lgt. et coll. K. Orszulik; Kerman, Shahdad, 60 km NE Kerman, 1.V.2010, 2 spec., lgt. et coll. K. Orszulik.

Distribution within Iran. Golestan (Khormali *et al.* 2002).

Distribution outside Iran. Afghanistan, Albania, Azores, Canary Islands (Tenerife), Cyprus, Egypt, France (Corsica), Greece, Israel, Italy, Japan, Jordan, Lebanon, Malta, Morocco, Portugal, Saudi Arabia, Spain, Syria, Taiwan, the Netherlands, Turkey. Cosmopolitan species.

***Carpophilus nepos* Murray, 1864**

Carpophilus freemani Dobson, 1956.

Material examined. Isfahan, 27 km S Khur, 10.v.2010, 7 spec., lgt. et coll. K. Orszulik.

Distribution within Iran. Markazi (Naeem & Akhyani 1988; Modarres Awal 1997 under *C. freemani* Dobson).

Distribution outside Iran. Azores, Canary Islands, Croatia, Egypt, Greece, Iraq, Italy, Japan, Jordan, Morocco, Portugal, Saudi Arabia, Spain, Syria, Tunisia, Turkey. Cosmopolitan species.

***Carpophilus obsoletus* Erichson, 1843**

Carpophilus immaculatus Lucas, 1846; *Carpophilus cribellatus* Motschulsky, 1858; *Carpophilus serriceus* Motschulsky, 1858; *Carpophilus strigipennis* Motschulsky, 1858.

Distribution within Iran. Khuzestan, Markazi (Modarres Awal 1997).

Distribution outside Iran. Algeria, Arab Emirates, China, Croatia, Cyprus, Egypt, Greece, India, Iraq, Israel, Italy, Japan, Lebanon, Malta, Morocco, Portugal, Saudi Arabia, Spain, Syria, Taiwan, Tunisia, Turkey, Yemen and Afrotropical and Oriental Region.

***Carpophilus quadrisignatus* Erichson, 1843**

Distribution within Iran. Iran (no locality cited) (Jelínek & Audisio 2007).

Distribution outside Iran. Algeria, Austria, Azores, Canary Islands (Tenerife), Egypt, France, Greece, Israel, Italy, Morocco, Saudi Arabia, Spain, Syria, Turkey, Ukraine, Yemen.

***Carpophilus truncatus* Murray, 1864**

Carpophilus floridanus Fall, 1910; *Carpophilus halli* Dobson, 1954.

Distribution within Iran. Khuzestan (Azimi *et al.* 1993), Mazandaran (Sakenin *et al.* 2008b), Markazi (Naeem & Akhyani 1988).

Distribution outside Iran. Austria, China, Croatia, Czech Republic, Egypt, France, Germany, Greece, Italy, Japan, Morocco, Poland, Slovakia, Slovenia, Taiwan, Turkey. Cosmopolitan species.

Genus *Urophorus* Murray, 1864

Urophorus aria Audisio, Jelínek & Kirejtshuk, 1990

Distribution within Iran. Golestan, Kerman (Audisio, Kirejtshuk & Jelínek *in* Kirejtshuk 1990; Audisio *et al.* 2000).

Distribution outside Iran. Endemic to Iran.

Urophorus humeralis (Fabricius, 1798)

Carpophilus punctatus Fleutiaux, 1887; *Carpophilus rickseckeri* Fall, 1910.

Material examined. Kerman, Shahdad, 60 km NE Kerman, 1.v.2010, 2 spec., lgt. et coll. K. Orszulik.

Distribution within Iran. Khuzestan (Azimi *et al.* 1993; Modarres Awal 1997 under *C. humeralis* Fabricius), Iran (no locality cited) (Williams *et al.* 1983; Audisio *et al.* 2000).

Distribution outside Iran. Cosmopolitan.

Subfamily Cryptarchinae C.G. Thomson, 1859

Genus *Cryptarcha* Shuckard, 1840

Cryptarcha incognita Iablokoff-Khuzorian, 1966

Distribution within Iran. Fars (Audisio 1993b).

Distribution outside Iran. Armenia.

Subfamily Nitidulinae Latreille, 1802

Genus *Nitidula* Fabricius, 1775

Nitidula carnaria (Schaller, 1783)

Nitidula quadripustulata Fabricius, 1792; *Nitidula guttalis* Herbst, 1793; *Nitidula variata* Stephens, 1830; *Nitidula flavipennis* Heer, 1841.

Material examined. Mazandaran, 15 km E of Baladeh, vic. Valashid, 36°12'13'' N, 51°52'31'' E, 1980 m, 7.v.2010, A. Weigel leg., 1 spec. (NKME).

Distribution within Iran. East Azarbaijan (Sakenin *et al.* 2011), Tehran (Jelínek 1981; Audisio *et al.* 2000).

Distribution outside Iran. Holarctic.

Nitidula eremita Audisio, 1990

Nitidula ciliata Erichson, 1843.

Material examined. Hormozgan, Isin (loc. no.320), 28.iv.-6.v.1977, 1 spec. (NMPC), (third Czechoslovak-Iranian expedition to Iran 1977).

Distribution within Iran. Hormozgan (Audisio *et al.* 2000), Iran (no locality cited) (Jelínek & Audisio 2007).

Distribution outside Iran. Algeria, Arab Emirates, Egypt, Iraq, Israel, Libya, Saudi Arabia, Tunisia.

***Nitidula flavomaculata* Rossi, 1790**

Nitidula flexuosa Olivier, 1790; *Nitidula latiplaga* Solsky, 1876.

Distribution within Iran. Lorestan, Tehran (Jelínek 1964; Audisio *et al.* 2000).

Distribution outside Iran. Holarctic.

Genus *Omosita* Erichson, 1843

***Omosita discoidea* (Fabricius, 1775)**

Nitidula cincta Heer, 1841; *Omosita inversa* LeConte, 1857.

Material examined. Mazandaran, 15 km E of Baladeh, vic. Valashid, 36°12'13'' N, 51°52'31'' E, 1980 m, 7.v.2010, A. Weigel leg., 1 spec. (NKME).

Distribution within Iran. Iran (no locality cited) (Audisio *et al.* 2000).

Distribution outside Iran. Holarctic and Neotropical Regions.

Genus *Pocadius* Erichson, 1843

***Pocadius ferrugineus* (Fabricius, 1775)**

Nitidula striata Olivier, 1790; *Sphaeridium pilosum* P. Rossi, 1794; *Nitidula fulva* Marsham, 1802; *Pocadius thoracicus* Reitter, 1888; *Pocadius rottrautae* Kniephof, 1913.

Distribution within Iran. Golestan (Jelínek 1981; Audisio *et al.* 2000).

Distribution outside Iran. Palaearctic.

Genus *Soronia* Erichson, 1843

Soronia elongata Cameron, 1903

Distribution within Iran. East Azarbaijan (Sakenin *et al.* 2008a), West Azarbaijan (Sakenin *et al.* 2011).

Distribution outside Iran. Armenia, Cyprus, Jordan, Lebanon, Morocco, Syria, Turkey.

***Soronia grisea* (Linnaeus, 1758)**

Silpha maculata DeGeer, 1774; *Nitidula varia* Fabricius, 1781; *Dermestes variegatus* Geoffroy, 1785; *Nitidula colon* Olivier, 1811; *Soronia japonica* Reitter, 1873; *Soronia conicollis* Roubal, 1923.

Distribution within Iran. East Azarbaijan (Sakenin *et al.* 2011), Mazandaran (Sakenin *et al.* 2008b).

Distribution outside Iran. Palaearctic.

***Soronia oblonga* Brisout, 1863**

Material examined. East Azarbaijan, 25 km south east of Mianeh, 177 km east of Tabriz (37 17 N, 47 46 E), (loc. no 274), 27.3.1977, 1 spec. (NMPC), (third Czechoslovak-Iranian expedition to Iran 1977). **New Iranian record.**

Distribution outside Iran. Algeria, Bosnia Herzegovina, Bulgaria, Croatia, France, Greece, Italy, Morocco, Serbia and Montenegro, Slovenia, Spain, Tunisia, Turkey.

Subfamily Meligethinae C.G. Thomson, 1859

Genus *Afrogethes* Audisio & Cline, 2009

***Afrogethes buduensis* (Ganglbauer, 1899)**

Distribution within Iran. Iran (no locality cited) (Jelínek & Audisio 2007).

Distribution outside Iran. Albania, Armenia, Austria, Bosnia Herzegovina, Bulgaria, Croatia, Cyprus, Georgia, Hungary, Iraq, Israel, Italy, Jordan, Kazakhstan, Lebanon, Macedonia, Romania, Russia, Serbia and Montenegro, Slovakia, Syria, Turkey, Ukraine, Uzbekistan.

***Afrogethes pectinatus* (Schilsky, 1894)**

Distribution within Iran. Ardabil (Ghahari *et al.* 2012 under *Meligethes pectinatus*).

Distribution outside Iran. Armenia, Georgia, Turkey.

Genus *Astylogethes* Kirejtshuk, 1992

***Astylogethes substrigosus* (Erichson, 1845)**

Meligethes subrugosus auct. non Gyllenhal, 1808; *Meligethes turbidescens* Easton, 1957

Distribution within Iran. Kuhgiloyeh & Boyerahmad (Jelínek 1981; Audisio *et al.* 2000).

Distribution outside Iran. Whole Palaearctic Region.

Genus *Boragogethes* Audisio & Cline, 2009

***Boragogethes rosenhaueri* (Reitter, 1871)**

Meligethes krueperi Reitter, 1873; *Meligethes kirschenblatti* Kirejtshuk, 1979.

Distribution within Iran. Semnan (Sakenin *et al.* 2008a).

Distribution outside Iran. Albania, Armenia, Azerbaijan, Austria, Belarus, Bosnia Herzegovina, Bulgaria, Croatia, Czech Republic, Germany, Georgia, Greece, Hungary, Italy, Kazakhstan, Poland, Romania, Russia, Serbia and Montenegro, Slovakia, Slovenia, Syria, Turkey, Ukraine.

***Boragogethes symphyti* (Heer, 1841)**

Meligethes reclairei Scholz, 1933; *Meligethes glabripennis* Roubal, 1943.

Distribution within Iran. Iran (no locality cited) (Jelínek & Audisio 2007).

Distribution outside Iran. Whole Europe, Algeria, Turkey.

Genus *Brassicogethes* Audisio & Cline, 2009

***Brassicogethes aeneus* (Fabricius, 1775)**

Distribution within Iran. Iran (no locality cited) (Hashemi 1976; Modarres Awal 1997).

Distribution outside Iran. Holarctic.

Comments. *Phradis morionellus* (Holmgren) (Hymenoptera: Ichneumonidae) was collected from Sari (Mazandaran province) as the parasitoid of *Brassicogethes* sp. (prob. *B. aeneus*).

***Brassicogethes anthracinus* Brisout, 1863**

Distribution within Iran. Tehran (Audisio *et al.* 2000).

Distribution outside Iran. Albania, Armenia, Azerbaijan, Austria, Belarus, Belgium, Bosnia Herzegovina, Bulgaria, Croatia, Czech Republic, France, Georgia, Germany, Greece, Hungary, Italy, Macedonia, Moldavia, Poland, Portugal, Russia, Serbia and Montenegro, Slovakia, Slovenia, Spain, Switzerland, the Netherlands, Turkey, Ukraine.

***Brassicogethes coracinus* (Sturm, 1845)**

Meligethes pumilus Erichson, 1845; *Meligethes decoloratus* Förster, 1849; *Meligethes epuraeoides* Reitter, 1875; *Meligethes basalis* Reitter, 1919.

Distribution within Iran. Guilan (Sakenin *et al.* 2011).

Distribution outside Iran. Palaeartic.

***Brassicogethes erysimicola* (Audisio & De Biase, 2001)**

Meligethes aenescens Ganglbauer, 1899.

Distribution within Iran. Iran (no locality cited) (Jelínek & Audisio 2007).

Distribution outside Iran. Albania, Armenia, Azerbaijan, Austria, Bosnia Herzegovina, Bulgaria, Croatia, Czech Republic, France, Georgia, Germany, Greece, Hungary, Italy, Lebanon, Romania, Russia, Serbia and Montenegro, Slovakia, Slovenia, Spain, Switzerland, Syria, Turkey, Ukraine.

***Brassicogethes prometheus* (Jelínek, 1982)**

Meligethes ponticus Jelínek, 1982.

Distribution within Iran. Northern Iran (no locality cited) (Jelínek 1982b; Audisio 1993a; Audisio *et al.* 2000).

Distribution outside Iran. Georgia, Russia, Turkey.

***Brassicogethes viridescens* (Fabricius, 1787)**

Nitidula rufipes Fabricius, 1775; *Nitidula azureus* Heer, 1841; *Meligethes pratincola* Gistel, 1857; *Meligethes virescens* Thomson, 1862; *Meligethes germanicus* Reitter, 1871; *Meligethes discolor* Reitter, 1872; *Meligethes coloreus* Rey, 1889; *Meligethes perviridis* Reitter, 1896; *Meligethes bohemicus* Obenberger, 1914.

Distribution within Iran. Mazandaran, Tehran (Audisio & De Biase 1999; Audisio *et al.* 2000).

Distribution outside Iran. Holarctic.

Genus *Clypeogethes* Kirejtshuk, 1979

***Clypeogethes lepidii* (Miller, 1852)**

Meligethes subtilis Brisout, 1866; *Meligethes hypocrita* Brisout, 1867; *Meligethes chalybaeus* Reitter, 1871; *Meligethes solitarius* Reitter, 1872.

Material examined. Yazd, Kharanaq, 60 km NE Yazd, 9.v.2010, 2 spec., lgt. et coll. K. Orszulik.

Distribution within Iran. East Azarbaijan, Kerman, Tehran (Jelínek 1981; Audisio *et al.* 2000), Fars (Audisio *et al.* 2000).

Distribution outside Iran. Afghanistan, Albania, Armenia, Austria, Azerbaijan, Belarus, Bosnia Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, France, Germany, Greece, Hungary, Iraq, Israel, Italy, Jordan, Kyrgyzstan, Lebanon, Macedonia, Moldavia, Poland, Russia, Serbia and Montenegro, Slovakia, Slovenia, Spain, Switzerland, Syria, Tajikistan, Turkey, Turkmenistan, Ukraine, Uzbekistan.

Genus *Fabogethes* Audisio & Cline, 2009

***Fabogethes brachialis* (Erichson, 1845)**

Meligethes dives Reitter, 1872.

Distribution within Iran. Northern Iran (no locality cited) (Kirejtshuk 1977; Jelínek 1981 under *M. opacus* Rosenhauer; Audisio 1993b; Audisio *et al.* 2000).

Distribution outside Iran. Albania, Andorra, Armenia, Austria, Azerbaijan, Belgium, Bosnia Herzegovina, Bulgaria, Croatia, Czech Republic, France, Georgia, Germany, Greece, Hungary, Italy, Kazakhstan, Macedonia, Moldavia, Poland, Romania, Russia, Serbia and Montenegro, Slovakia, Slovenia, Spain, Switzerland, the Netherlands, Turkey, Ukraine.

***Fabogethes diversus* (Schilsky, 1893)**

Meligethes tschistiyakovae Kirejtshuk, 1990; *Meligethes yakushenkoi* Kirejtshuk, 1992.

Distribution within Iran. Iran (no locality cited) (Jelínek & Audisio 2007).

Distribution outside Iran. Armenia, Azerbaijan, Georgia, Kazakhstan, Russia, Turkey, Turkmenistan.

***Fabogethes nigrescens* (Stephens, 1830)**

Meligethes subrugosus Stephens, 1830; *Meligethes xanthocerus* Stephens, 1830; *Meligethes picipes* Sturm, 1845; *Meligethes funebris* Förster, 1849; *Meligethes seminulum* LeConte, 1857; *Meligethes saulcyi* Reitter, 1872; *Meligethes medius* Rey, 1889; *Meligethes pallipes* Rey, 1889; *Meligethes subsimilis* Rey, 1889.

Distribution within Iran. Iran (no locality cited) (Jelínek & Audisio 2007).

Distribution outside Iran. Holarctic.

Genus *Genistogethes* Audisio & Cline, 2009

***Genistogethes carinulatus* (Frster, 1849)**

Nitidula eythropus Gyllenhal, 1808; *Meligethes carbonarius* Förster, 1849; *Meligethes binodulus* Rey, 1889; *Meligethes*

coriaceus Rey, 1889; *Meligethes crenulatus* Rey, 1889; *Meligethes misellus* Rey, 1889; *Meligethes pusillus* Rey, 1889; *Meligethes teter* Rey, 1889.

Distribution within Iran. Iran (no locality cited) (Jelínek & Audisio 2007).

Distribution outside Iran. Albania, Andorra, Armenia, Austria, Belarus, Belgium, Bosnia Herzegovina, Bulgaria, Croatia, Czech Republic, Estonia, Finland, France, Georgia, Germany, Great Britain, Greece, Hungary, Ireland, Italy, Jordan, Latvia, Lebanon, Lithuania, Luxembourg, Macedonia, Moldavia, Norway, Poland, Portugal, Romania, Russia, Serbia and Montenegro, Slovakia, Slovenia, Spain, Sweden, Switzerland, Syria, the Netherlands, Turkey, Ukraine.

***Genistogethes zapparolii* (Audisio, 1989)**

Distribution within Iran. East Azarbaijan (Audisio *et al.* 2000).

Distribution outside Iran. Syria, Turkey.

Genus *Lamiogethes* Audisio & Cline, 2009

Lamiogethes atrovirens (Jelínek, 1982)

Distribution within Iran. Golestan (Jelínek 1982a; Audisio 1988; Audisio *et al.* 2000).

Distribution outside Iran. Armenia, Azerbaijan, Georgia, Russia, Turkey.

***Lamiogethes bidens* (Brisout, 1863)**

Material examined. West Azarbaijan, Ourmieh (1384 m), 2 spec., August 2008, leg. N. Samin, dep. SRIAU. **New Iranian record.**

Distribution outside Iran. Albania, Andorra, Armenia, Austria, Belarus, Belgium, Bosnia Herzegovina, Bulgaria, Croatia, Czech Republic, France, Georgia, Germany, Great Britain, Greece, Hungary, Ireland, Italy, Liechtenstein, Luxembourg, Macedonia, Moldavia, Poland, Portugal, Romania, Russia, Serbia and Montenegro, Slovakia, Slovenia, Spain, Sweden, Switzerland, the Netherlands, Turkey, Ukraine.

***Lamiogethes brunnicornis* (Sturm, 1845)**

Meligethes letzneri Reitter, 1873.

Distribution within Iran. Golestan, Mazandaran (Ghahari *et al.* 2012 under *M. brunnicornis*).

Distribution outside Iran. Whole Palaearctic Region.

***Lamiogethes bucciarellii* (Audisio, 1976)**

Distribution within Iran. Isfahan (Sakenin *et al.* 2008a).

Distribution outside Iran. Albania, Armenia, Bulgaria, Georgia, Greece, Israel, Italy, Jordan, Macedonia, Serbia and Montenegro, Syria, Turkey.

***Lamiogethes dieckmanni* (Audisio & Jelínek, 1984)**

Distribution within Iran. Iran (no locality cited) (Jelínek & Audisio 2007).

Distribution outside Iran. Armenia, Azerbaijan, Georgia, Russia, Turkey.

***Lamiogethes difficilis* (Heer, 1841)**

Meligethes lucifer Reitter, 1872; *Meligethes milleri* Reitter, 1872; *Meligethes parvus* Rey, 1889; *Meligethes schenkingi* Reitter, 1919.

Distribution within Iran. Iran (no locality cited) (Jelínek & Audisio 2007).

Distribution outside Iran. Albania, Andorra, Austria, Azerbaijan, Belarus, Belgium, Bosnia Herzegovina, Bulgaria, China, Croatia, Czech Republic, Denmark, Estonia, Finland, France, Georgia, Germany, Great Britain, Greece, Hungary, Ireland, Italy, Japan, Kazakhstan, Kyrgyzstan, Latvia, Liechtenstein, Lithuania, Luxembourg, Macedonia, Malta, Moldavia, North Korea, Norway, Poland, Portugal, Romania, Russia, Serbia and Montenegro, Slovakia, Slovenia, Spain, Sweden, Switzerland, Tajikistan, the Netherlands, Turkey, Ukraine, Uzbekistan.

***Lamiogethes haemorrhoidalis* (Frster, 1849)**

Meligethes floribundus Reitter, 1877; *Meligethes praestans* Kirejtshuk, 1977.

Distribution within Iran. Golestan, Mazandaran (Kirejtshuk 1977 under *M. praestans* sp. n.; Jelínek 1981 under *M. praestans*; Audisio *et al.* 2000).

Distribution outside Iran. Albania, Andorra, Armenia, Austria, Azerbaijan, Belarus, Belgium, Bosnia Herzegovina, Bulgaria, Croatia, Czech Republic, Denmark, France, Georgia, Germany, Great Britain, Hungary, Italy, Latvia, Luxembourg, Macedonia, Moldavia, Poland, Romania, Russia, Serbia and Montenegro, Slovakia, Slovenia, Spain, Sweden, Switzerland, the Netherlands, Turkey, Ukraine.

***Lamiogethes laeti* (Easton, 1956)**

Distribution within Iran. Mazandaran (Jelínek 1981; Audisio *et al.* 2000), Northern Iran (no locality cited) (Kirejtshuk 1977 under “*M. laeti*”; Audisio 1978; Audisio *et al.* 2000).

Distribution outside Iran. Algeria, Armenia, Azerbaijan, Georgia, Italy (Sicily), Libya, Russia, Tunisia.

***Lamiogethes medvedevi* (Kirejtshuk, 1978)**

Material examined. Golestan, 20 km NW Dasht (loc.no. 376), 530 m, 19.-21.vi.1977, 1 male, (NMPC), (third Czechoslovak-Iranian expedition to Iran 1977). **New Iranian record.**

Distribution outside Iran. Georgia, Russia, Turkey.

***Lamiogethes morosus* (Erichson, 1845)**

Meligethes lewisii Reitter, 1873; *Meligethes memnonius* Erichson, 1845.

Distribution within Iran. Iran (no locality cited) (Jelínek & Audisio 2007).

Distribution outside Iran. Whole Palaearctic Region.

***Lamiogethes pedicularius* (Gyllenhal, 1808)**

Nitidula viduata Heer, 1841; *Meligethes fuliginosus* Erichson, 1845; *Meligethes bituberculatus* Förster, 1849; *Meligethes luctuosus* Förster, 1849; *Meligethes melanarius* Förster, 1849; *Meligethes austriacus* Reitter, 1871; *Meligethes aestimabilis* Reitter, 1872.

Distribution within Iran. Hamadan, Lorestan (Grouvelle 1912 under *M. aestimabilis* Reitter; Audisio *et al.* 2000).
Distribution outside Iran. Whole Palaearctic Region.

***Lamiogethes persicus* (Faldermann, 1837)**

Meligethes tenebrosus Förster, 1849; *Meligethes sinuatus* Rey, 1889.

Distribution within Iran. Iran (no locality cited) (Falderman 1837; Jelínek 1981; Audisio & De Biase 1993; Audisio *et al.* 2000).

Distribution outside Iran. Albania, Andorra, Armenia, Austria, Azerbaijan, Belarus, Belgium, Bosnia Herzegovina, Bulgaria, China, Croatia, Czech Republic, France, Georgia, Germany, Great Britain, Greece, Hungary, Ireland, Italy, Kazakhstan, Kyrgyzstan, Liechtenstein, Luxembourg, Macedonia, Moldavia, Poland, Romania, Russia, Serbia and Montenegro, Slovakia, Slovenia, Spain, Sweden, Switzerland, Tajikistan, the Netherlands, Turkey, Ukraine, Uzbekistan.

Genus *Sagittogethes* Audisio & Cline, 2009

***Sagittogethes ater* (Brisout, 1863)**

Distribution within Iran. Iran (no locality cited) (Jelínek & Audisio 2007).

Distribution outside Iran. Albania, Austria, Bosnia Herzegovina, Bulgaria, Croatia, France, Germany, Greece, Hungary, Iraq, Italy, Poland, Romania, Serbia and Montenegro, Slovenia, Syria, Turkey, Ukraine.

***Sagittogethes devillei* (Grouvelle, 1912)**

Material examined. Hormozgan, Bushehr, Senderk, south of Bashagard (26 46 N, 57 20 E), 220 m (loc. no 327), 12-13. 5. 1977, 1 spec. (NMPC), (third Czechoslovak-Iranian expedition to Iran 1977). **New Iranian record.**

Distribution outside Iran. Armenia, Austria, Bulgaria, France, Georgia, Germany, Italy, Kazakhstan, Mongolia, Russia, Serbia and Montenegro, Switzerland, Ukraine.

***Sagittogethes distinctus* (Sturm, 1845)**

Meligethes confusus Brisout, 1872; *Meligethes minimus* Rey, 1889.

Material examined. Mazandaran, 15 km SW Chalus, 490 m (loc.no 394), 9.vii.1977, 2 spec. (NMPC), (third Czechoslovak-Iranian expedition to Iran 1977).

Distribution within Iran. Golestan (Audisio & Jelínek 1990; Audisio *et al.* 2000), Mazandaran (Jelínek 1981, 1982c under *M. obscurus* Erichson; Audisio *et al.* 2000);

Distribution outside Iran. Albania, Armenia, Austria, Azerbaijan, Belarus, Belgium, Bosnia Herzegovina, Bulgaria, Croatia, Czech Republic, Denmark, Estonia, Finland, France, Georgia, Germany, Greece, Hungary, Iraq, Italy, Latvia, Liechtenstein, Lithuania, Macedonia, Moldavia, Poland, Portugal, Romania, Russia, Serbia and Montenegro, Slovakia, Slovenia, Spain, Sweden, Switzerland, the Netherlands, Turkey, Ukraine.

***Sagittogethes hladili* (Jelínek, 1982)**

Distribution within Iran. Bushehr (Audisio 1988; Audisio *et al.* 2000).

Distribution outside Iran. Armenia, Georgia, Iraq, Syria, Turkey.

Sagittogethes hoffmanni (Reitter, 1871)

Meligethes niger Brisout, 1863; *Meligethes parvulus* Brisout, 1872; *Meligethes japonicus* Reitter, 1873; *Meligethes peneckeii* Marcu, 1939.

Distribution within Iran. Iran (no locality cited) (Jelínek & Audisio 2007).

Distribution outside Iran. Albania, Algeria, Armenia, Austria, Azerbaijan, Belarus, Bosnia Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, France, Greece, Hungary, Italy, Japan, Kazakhstan, Lebanon, Macedonia, Moldavia, Morocco, Portugal, Romania, Russia, Serbia and Montenegro, Slovakia, Slovenia, Spain, Sweden, Syria, Turkey, Ukraine, Uzbekistan.

Sagittogethes incanus (Sturm, 1845)

Meligethes gredleri Reitter, 1873.

Distribution within Iran. Golestan (Kirejtshuk 1977; Jelínek 1981; Audisio *et al.* 2000).

Distribution outside Iran. Albania, Algeria, Armenia, Austria, Belarus, Belgium, Bosnia Herzegovina, Bulgaria, Croatia, Czech Republic, France, Georgia, Germany, Great Britain, Greece, Hungary, Iraq, Israel, Italy, Jordan, Lebanon, Macedonia, Moldavia, Morocco, Poland, Portugal, Romania, Serbia and Montenegro, Slovakia, Slovenia, Spain, Switzerland, Syria, the Netherlands, Turkey, Ukraine.

Sagittogethes maurus (Sturm, 1845)

Meligethes calvus Reitter, 1871; *Meligethes durus* Reitter, 1871; *Meligethes meridionalis* Reitter, 1871; *Meligethes rufimanus* Sahlberg, 1913.

Material examined. Mazandaran, Alborz Mts., Haraz Chay (loc. no. 69), 23.-24.vii.1970, 1 spec. (NMPC), (third Czechoslovak-Iranian expedition to Iran 1977).

Distribution within Iran. East Azarbaijan, Golestan (Jelínek 1981; Audisio *et al.* 2000), Northern Iran (no locality cited) (Jacobson 1913; Audisio *et al.* 2000).

Distribution outside Iran. Whole Palaearctic Region (excluding North Africa).

Sagittogethes perceptus (Jelínek & Spornraft, 1979)

Distribution within Iran. Kuhgiloyeh & Boyerahmad, Zagros Mts., Kuh-e Dena, Sisakht (Jelínek & Spornraft 1979; Jelínek 1981; Audisio *et al.* 2000).

Distribution outside Iran. Endemic to Iran.

Sagittogethes pharetra (Easton, 1957)

Distribution within Iran. Mazandaran, Tehran (Jelínek 1981; Audisio *et al.* 2000).

Distribution outside Iran. Afghanistan, India, Pakistan, Turkmenistan, Uzbekistan.

Sagittogethes tauricus (Jelínek & Spornraft, 1979)

Material examined. Mazandaran, N Iran, 8 km NE Ziaran, 2400 m (loc.no.400), 10.-16.vii.1977, 38 spec. (NMPC), (third Czechoslovak-Iranian expedition to Iran 1977).

Distribution within Iran. Northern Iran (no locality cited) (Jelínek & Spornraft 1979; Audisio *et al.* 2000).

Distribution outside Iran. Armenia, Azerbaijan, Iraq, Turkey, Ukraine.

***Sagittogethes umbrosus* (Sturm, 1845)**

Meligethes transsylvanicus Petri, 1912.

Distribution within Iran. Tehran (Sakenin *et al.* 2008a).

Distribution outside Iran. Albania, Andorra, Armenia, Austria, Azerbaijan, Belarus, Belgium, Bosnia Herzegovina, Bulgaria, Croatia, Czech Republic, Denmark, Estonia, Finland, France, Georgia, Germany, Great Britain, Greece, Hungary, Ireland, Italy, Kazakhstan, Kyrgyzstan, Latvia, Liechtenstein, Lithuania, Luxembourg, Macedonia, Moldavia, Norway, Poland, Portugal, Romania, Russia, Serbia and Montenegro, Slovakia, Slovenia, Spain, Sweden, Switzerland, the Netherlands, Turkey, Ukraine.

Genus *Stachygethes* Audisio & Cline, 2009

***Stachygethes nanus* (Erichson, 1845)**

Meligethes marrubii Brisout, 1863; *Meligethes dalmatinus* Reitter, 1871; *Meligethes spinipes* Reitter, 1871; *Meligethes schneideri* Reitter, 1878; *Meligethes rugicollis* Rey, 1889.

Material examined. Kerman, Sarbizhan, 140 km S Kerman, 2700 m, 5.v.2010, 1 spec., lgt. et coll. K. Orszulik; Kuhgiloyeh & Boyerahmad, Zagros Mts., Mazandaran, Alboorz Mts., Kandavan pass, southern slope, 2700-2900 m (loc. no. 395), 19 spec. (NMPC), (third Czechoslovak-Iranian expedition to Iran 1977).

Distribution within Iran. Golestan, Mazandaran, Tehran (Jelínek 1981; Audisio *et al.* 2000); Sisakht (Jelínek 1981; Audisio *et al.* 2000).

Distribution outside Iran. Albania, Andorra, Armenia, Austria, Azerbaijan, Belarus, Belgium, Bosnia Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, France, Georgia, Germany, Great Britain, Greece, Hungary, Iraq, Israel, Italy, Jordan, Kazakhstan, Lebanon, Luxembourg, Macedonia, Moldavia, Poland, Portugal, Romania, Russia, Serbia and Montenegro, Slovakia, Slovenia, Spain, Sweden, Switzerland, Syria, the Netherlands, Turkey, Ukraine.

***Stachygethes ruficornis* (Marshall, 1802)**

Meligethes flavipes Sturm, 1845; *Meligethes moestus* Erichson, 1845; *Meligethes ruficornis* Miller, 1852; *Meligethes pruinosus* Rey, 1889.

Distribution within Iran. Iran (no locality cited) (Jelínek & Audisio 2007).

Distribution outside Iran. Whole Palaearctic Region.

***Stachygethes saxatilis* (Audisio, 1988)**

Distribution within Iran. Iran (no locality cited) (Jelínek & Audisio 2007).

Distribution outside Iran. Turkey.

***Stachygethes zarudnyi* Kirejtshuk, 1984**

Distribution within Iran. Northern Iran (no locality cited) (Kirejtshuk 1984; Audisio 1993a, 1993b; Audisio *et al.* 2000).

Distribution outside Iran. Turkey.

Genus *Thymogethes* Audisio & Cline, 2009

***Thymogethes acicularis* (Brisout, 1863)**

Meligethes angulosus Rebmann, 1940.

Distribution within Iran. East Azarbaijan (Audisio *et al.* 2000).

Distribution outside Iran. Albania, Armenia, Austria, Azerbaijan, Belarus, Belgium, Bosnia Herzegovina, Bulgaria, Croatia, Czech Republic, France, Georgia, Germany, Greece, Hungary, Italy, Macedonia, Poland, Romania, Russia, Serbia and Montenegro, Slovakia, Slovenia, Spain, Switzerland, Turkey, Ukraine.

***Thymogethes egenus* (Erichson, 1845)**

Meligethes menthae Brisout, 1863; *Meligethes alutaceus* Rey, 1889; *Meligethes mucronatus* Rey, 1889.

Material examined. Mazandaran, 8 km NE Ziara, 2400 m (loc.no.400), 10.-16.vii.1977, 31 spec. (NMPC), (third Czechoslovak-Iranian expedition to Iran 1977).

Distribution within Iran. Mazandaran, Tehran (Jelínek 1981; Audisio *et al.* 2000), Semnan (Grouvelle 1912; Audisio *et al.* 2000).

Distribution outside Iran. Albania, Armenia, Austria, Azerbaijan, Belarus, Belgium, Bosnia Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Georgia, Germany, Greece, Hungary, Iraq, Israel, Italy, Jordan, Kazakhstan, Latvia, Lebanon, Liechtenstein, Lithuania, Macedonia, Moldavia, Poland, Romania, Russia, Saudi Arabia, Serbia and Montenegro, Slovakia, Slovenia, Spain, Sweden, Switzerland, Syria, The Netherlands, Turkey, Turkmenistan, Ukraine.

***Thymogethes funereus* (Jelínek, 1967)**

Material examined. Mazandaran, 8 km NE Ziara, 2400 m (loc.no.400), 10.-16.vii.1977, 5 spec. (NMPC), (third Czechoslovak-Iranian expedition to Iran 1977).

Distribution within Iran. Iran (no locality cited) (Jelínek & Audisio 2007).

Distribution outside Iran. Albania, Armenia, Azerbaijan, Bosnia Herzegovina, Bulgaria, Croatia, Georgia, Greece, Italy, Macedonia, Russia, Serbia and Montenegro, Slovenia, Turkey, Ukraine.

***Thymogethes klapperichi* (Easton, 1957)**

Meligethes ahriman Jelínek, 1981.

Examined material. Yazd, Shir Kuh, 5 km S Taft, 1600-1700 m, 23.v.2008, leg. Mühle, 1 ex. (NKME).

Distribution within Iran. Fars (Jelínek 1981 under *M. ahriman*; Audisio *et al.* 2000), Western Iran (no locality cited) (Jelínek 1981 under *M. ahriman*; Audisio *et al.* 2000).

Distribution outside Iran. Afghanistan, India (Kashmir), Pakistan, Tajikistan, Turkmenistan, Uzbekistan.

Genus *Xerogethes* Audisio & Cline, 2009

Xerogethes discoideus (Erichson, 1845)

Nitidula glaucii Kolenati, 1846; *Meligethes maculatus* Schilsky, 1894; *Meligethes anatolicus* Schilsky, 1903.

Distribution within Iran. Kerman (Jelínek 1981 under *M. glaucii*).

Distribution outside Iran. Armenia, Austria, Azerbaijan, Bulgaria, Croatia, Czech Republic, Georgia, Greece, Hungary, Iraq, Kazakhstan, Poland, Romania, Russia, Serbia and Montenegro, Slovakia, Turkey, Ukraine.

Xerogethes kraatzi (Reitter, 1871)

Meligethes frivaldszkyi Reitter, 1875; *Meligethes assyricus* Obenberger, 1914; *Meligethes basimargo* Reitter, 1919.

Distribution within Iran. East Azarbaijan (Kirejtshuk 1977 under *M. brisouti* Reitter; Audisio *et al.* 2000), Khorasan (Audisio *et al.* 2000).

Distribution outside Iran. Albania, Armenia, Austria, Azerbaijan, Bulgaria, Croatia, Cyprus, Czech Republic, Georgia, Greece, Hungary, Iraq, Poland, Romania, Russia, Serbia and Montenegro, Slovakia, Turkey, Ukraine.

Xerogethes rotundicollis (Brisout, 1863)

Meligethes obsoletus Rey, 1889.

Material examined. Kordestan, Sanandaj (1479 m), 1 spec., September 2008, leg. H. Ghahari, dep. SRIAU. **New Iranian record.**

Distribution outside Iran. Albania, Algeria, Andorra, Belgium, Bosnia Herzegovina, Bulgaria, Croatia, Cyprus, Egypt, France, Georgia, Germany, Great Britain, Greece, Hungary, Iraq, Israel, Italy, Jordan, Lebanon, Libya, Malta, Macedonia, Morocco, Portugal, Romania, Russia, Serbia and Montenegro, Slovenia, Spain, Syria, Switzerland, The Netherlands, Tunisia, Turkey, Ukraine.

Genus *Meligethinus* Grouvelle, 1906

Meligethinus gedrosiacus Jelínek, 1981

Distribution within Iran. Khorasan, Khuzestan, Tehran, Yazd (Audisio *et al.* 2000).

Distribution outside Iran. Arab Emirates, Saudi Arabia.

Genus *Pria* Stephens, 1830

Pria dulcamarae (Scopoli, 1763)

Silpha truncatella Marsham, 1802; *Nitidula olivacea* Gyllenhal, 1813; *Cormyphora mandibularis* Laporte, 1840; *Nitidula breviscula* Kolenati, 1846.

Distribution within Iran. Iran (no locality cited) (Jelínek & Audisio 2007).

Distribution outside Iran. Whole Palaearctic Region.

Discussion

From our research only six species of the family Kateretidae are listed from the fauna of Iran, but with 84 species the family Nitidulidae is rather diverse in Iran (Fig. 2). However, since Iran is a large country with a wide variety of geographical regions and climates, we expect that a large number of species remain to be discovered. Research on the natural enemies and host plants of Iranian Nitidulidae are valuable topics which should be considered by researchers, and we hope that this checklist will help facilitate this research.

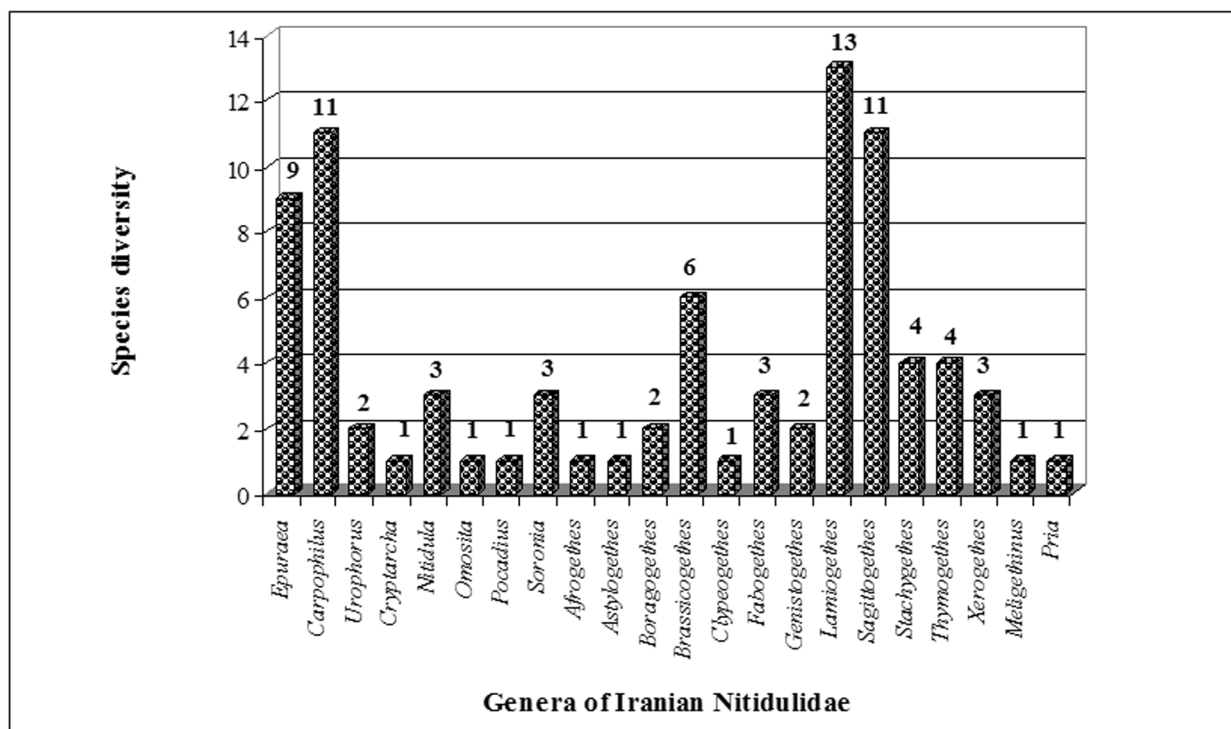


FIGURE 2. Species diversity of the genera of Iranian Nitidulidae.

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