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Distributional checklist of the Staphylinidae (Coleoptera) of Iran, with new and additional records

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A b s t r a c t : Based on a review of the literature of the Staphylinidae fauna of Iran, as well as study of limited new material, it was found that 594 species and subspecies in 150 genera belonging to 13 subfamilies of Staphylinidae can be reported from Iran. Amongst those, 104 species and subspecies (17,5 %) are known only from Iran. Additional records of 23 species are reported, among them seven first records from Iran. The actual staphylinid fauna of Iran is evidently very underreported and is probably at least triple what is known now.

K e y w o r d s : Coleoptera, Staphylinidae, checklist, fauna, new records, endemism, Iran.

Introduction

The beetle family Staphylinidae, or rove beetles, is now the most diverse family of animals or plants, with 56.768 species in 3.624 genera and 33 subfamilies described through 2009 (NEWTON 2007, updated to the end of 2009 from unpublished Newton database catalog), after recent addition of the smaller but still speciose related families Pselaphidae, Scaphidiidae and Scydmaenidae as subfamilies (see, e.g., GREBENNIKOV & NEWTON 2009 and earlier works cited there). As recently reviewed by THAYER (2005), the family is worldwide in distribution but more diverse in tropical and temperate regions than in arctic areas, and more diverse in moist forested areas than in drier areas or deserts. There are no true aquatic or marine species, but nearly all terrestrial, arboreal and even subterranean habitats are exploited by staphylinids (e.g., the moderate-sized subfamily Leptotyphlinae consists entirely of blind, flightless soil inhabitants). Although most species are free-living, several thousand species are associated as commensals with social insects like ants and termites, or found in nests of mammals and birds, or even on the bodies of mammals (tribe Amblyopinini in the Neotropical region). Many of these associations are obligate, and have resulted in highly modified body forms and life histories (see, e.g., KISTNER 1982). Most species are probably predators of other arthropods as far as known, but large numbers including several entire subfamilies are saprophagous on decaying plant matter (e.g., Osoriinae, Oxytelinae, Piestinae), fungivorous (e.g., Oxyporinae, Scaphidiinae), or have other specialized feeding habits such as pollen-feeding, but very few feed on green plants. A few species are of economic or medical importance, such as species of *Paederus* that cause serious dermatitis in Iran and else-

where (e.g., NIKBAKHTZADEH & TIRGARI 2008). For a thorough review of the classification of the 31 modern subfamilies (prior to inclusion of Scydmaeninae in 2009, and excluding the extinct subfamily Protactinae) as well as the distribution, ecology, biology, morphology and phylogeny of the family, see THAYER (2005).

Iran extends over an area of about 1.648.000 square kilometers. It is bordered in the north by the Caucasus Mts., Middle Asian natural regions and the Caspian Sea (-27 m below sea level); in the west by the Anatolian and Mesopotamian regions; in the east by the eastern part of the Iranian plateau (Afghanistan and adjacent west Pakistan) and the Baluch-Sindian region; and finally in the south by the Persian Gulf and Oman Sea, which are connected by the latter to the Indian Ocean (ZEHZAD et al. 2002). Iran is a huge country with varied ecosystems; from the subtropical Caspian shore with its rice and tea plantations, to the oilfields and sugar cane fields of Khuzestan; from the orchards and wheat fields of the province of Azerbaijan, to the deserts of Kavir and Lut with their oasis towns; from the central arid plateau, to the snowcapped Zagros and Elburz mountains.

Compared to most other areas of the Western Palaearctic region, the current knowledge of the fauna of the Staphylinidae of Iran must be considered rather incomplete, although this fauna has received substantial attention especially for some genera in recent years. For instance, before 2000 only 11 species of *Scopaeus* THOMSON had been reported, whereas today 23 species of *Scopaeus* are known from Iran (see checklist). According to ANLAŞ (2009b), some 520 species and subspecies of Staphylinidae have been previously recorded from Iran.

The purpose of the present study is to facilitate further systematic, ecological, biological and other studies on the Staphylinidae of Iran, by providing a current annotated list of all species known from Iran to the present time, an extensive bibliography of relevant literature cited to support this list, and a very preliminary and simple analysis of the fauna.

Methods

In the preparation of this list, we consulted the Catalogus Coleopterorum Regionis Palaearcticae (WINKLER 1925), Coleopterorum Catalogus (BERNHAEUER & SCHUBERT 1910, 1911, 1912, 1914, 1916; BERNHAEUER & SCHEERPELTZ 1926; SCHEERPELTZ 1933, 1934), Coléoptères Staphylinides de la Région Paléarctique Occidentale (COIFFAIT 1972a, 1974, 1978, 1982, 1984), Catalog of the Staphylinidae (HERMAN 2001) and Catalogue of Palaearctic Coleoptera (LÖBL & SMETANA 2004). We also studied many other publications that concern the fauna of Coleoptera or Staphylinidae from Iran and adjacent regions, including many primary taxonomic revisions or reviews that include descriptions of new species or new records from Iran (see References). The distribution of species within Iran is given briefly in "Provinces and/or Localities" when present in the cited literature, but in some cases no such data was included there and we were not able to trace more detailed or original records of the species from Iran (in which case, "Not cited" is entered).



Map 1: Provinces of Iran (by H. Ghahari).

In the checklist, the family Staphylinidae is divided into four informal groups of subfamilies (Omaliine, Tachyporine, Oxytelinae and Staphylininae Groups, following LAWRENCE & NEWTON (1982), and the subfamilies are presented according to HERMAN (2001) and LÖBL & SMETANA (2004). Below the subfamily level (i.e., supertribe (Pselaphinae and Scydmaeninae only), tribe, subtribe (Paederinae and Staphylininae only), genus and species) taxa are presented in alphabetical order. Subgenera are not cited, and synonyms are included (in their original combinations) only if they themselves have been described from or cited from Iran. The classification generally follows LÖBL & SMETANA (2004) except for certain more recent changes, including at higher levels the reduction of Scydmaenidae to a subfamily of Staphylinidae and reduction of its former subfamilies to supertribes (GREBENNIKOV & NEWTON 2009) and changes in the tribal classification of Oxytelinae (MAKRANCZY 2006), as well as changes or additions at the generic and specific levels resulting from recent revisions.

For finalizing the checklist, besides the bibliographical resources, the authors also used information and advice from the following specialists concerning the status of some species of Staphylinidae in Iran: Dr. Adriano Zanetti (Omaliinae species), Dr. Alexandr Rvykin (Steninae species), Dr. Johannes Frisch (Paederinae: *Scopaeus* ERICHSON species), Dr. Mikhail Gildenkov (Oxytelinae: *Carpelimus* LEACH and *Thinodromus* KRAATZ species) and Volker Brachat (Pselaphinae species).

A series of non-taxonomic publications that list Staphylinidae species (among other insects) from Iran has appeared recently, by GHAHARI et al. (2009a-c) and SAKENIN et al. (2008a-d, 2010). More than 60 of the Staphylinidae species listed in these publications are mentioned from Iran for the first time. However, many of these new records

appear questionable to us, and to some of the specialists we consulted in particular groups (see previous paragraph). The authors of these papers gave no indication of the basis for their staphylinid identifications. Because of these doubts, we decided not to include apparently new Iranian records from those cited works in this checklist, pending confirmation of the identifications of these species from Iran.

The references cited in the bibliography are only those directly referred to in the text or checklist. References for authorship of names of species and higher taxa are not included as such, although many of these references are included anyway because they contain information about the distribution of species within Iran. Full references for all names of species and higher taxa can be found in LÖBL & SMETANA (2004) for taxa described through 2001, and also for many subfamilies in HERMAN (2001), and in the case of genera and higher taxa also in the online resource NEWTON & THAYER (2005). References for more recently described taxa are generally included because they refer to Iran. The overall distribution of the non-endemic staphylinid species in the checklist can also be found in LÖBL & SMETANA (2004) and for many subfamilies in HERMAN (2001).

Results

In this study, the current situation of Staphylinidae species known from Iran is evaluated. Including the newly identified taxa, a total of 594 species and subspecies in 150 genera belonging to 13 subfamilies have been recorded from Iran up to now. With the exception of the first record, the new material of Staphylinidae included here was collected from different localities of Mazandaran and Tehran provinces of Iran in 2008, and was identified by S. Anlaş and deposited in the private collection of the first author.

New and additional records of Staphylinidae (Coleoptera) from Iran

Subfamily *Omalini* e MACLEAY 1825

Dropephylla caucasica (KOLENATI 1846)

Material examined: Iran, 3 specimens from two localities (details not recorded), in Muséum National d'Histoire Naturelle, Paris, identified as synonym *Phyllodrepa afghanica* COIFFAIT 1982 by H. Coiffait (teste M.K. Thayer, personal communication).

Comments: The species is here reported from Iran for the first time.

Subfamily *Tachyporinae* MACLEAY 1825

Lordithon thoracicus (FABRICIUS 1777)

Material examined: Tehran: Central province, 4 exs., 12.V.2008, leg. E. Sürmen.

Tachyporus hypnorum (FABRICIUS 1775)

Material examined: Mazandaran: Noshahr, 7 exs., 09.V.2008, leg. E. Sürmen.

Subfamily Oxytelinae FLEMING 1821

***Anotylus intricatus* (ERICHSON 1840)**

Material examined: Mazandaran: Noshahr, 1 ex., 09.V.2008, leg. E. Sürmen.

***Anotylus tetracarinatus* (BLOCK 1799)**

Material examined: Tehran: Central province, 3 exs., 12.V.2008, leg. E. Sürmen.

***Bledius furcatus* (OLIVIER 1811)**

Material examined: Mazandaran: Central province, 2 exs., 09.V.2008, leg. E. Sürmen.

Comments: The species is here reported from Iran for the first time.

Subfamily Paederinae FLEMING 1821

***Astenus melanurus* (KÜSTER 1853)**

Material examined: Mazandaran: Chaloos, 3 exs., 09.V.2008, leg. E. Sürmen.

***Astenus thoracicus* (BAUDI DI SELVE 1857)**

Material examined: Mazandaran: Chaloos, 3 exs., 09.V.2008, leg. E. Sürmen.

Comments: The species is here reported from Iran for the first time.

***Domene stilicina* (ERICHSON 1840)**

Material examined: Mazandaran: Noshahr, 1 ex., 09.V.2008, leg. E. Sürmen.

***Micrillus testaceus* (ERICHSON 1840)**

Material examined: Mazandaran: Noshahr, 2 exs., 09.V.2008, leg. E. Sürmen.

Comments: The species is here reported from Iran for the first time.

***Scymbalium anale* (NORDMANN 1837)**

Material examined: Mazandaran: Noshahr, 4 exs., 09.V.2008, leg. E. Sürmen.

Comments: The species is here reported from Iran for the first time.

***Medon fuscus* (MANNERHEIM 1830)**

Material examined: Tehran: Central province, 2 exs., 12.V.2008, leg. E. Sürmen.

Comments: The species is here reported from Iran for the first time.

***Paederus fuscipes* CURTIS 1826**

Material examined: Mazandaran: Noshahr, 8 exs., 09.V.2008, leg. E. Sürmen.

Subfamily Staphylininae LATREILLE 1802

***Othius laeviusculus* STEPHENS 1833**

Material examined: Mazandaran: Central province, 1 ex., 09.V.2008, leg. E. Sürmen.

***Gabrius nigrutilus* (GRAVENHORST 1802)**

Material examined: Mazandaran: Chaloos, 2 exs., 09.V.2008; Noshahr, 1 ex., 09.V.2008, leg. E. Sürmen.

***Gabronthus maritimus* (MOTSCHULSKY 1858)**

Material examined: Mazandaran: Noshahr, 8 exs., 09.V.2008, leg. E. Sürmen.

***Neobisnus prolixus* (ERICHSON 1840)**

Material examined: Mazandaran: Noshahr, 3 exs., 09.V.2008, leg. E. Sürmen.

***Philonthus intermedius* (LACORDAIRE 1835)**

Material examined: Mazandaran: Chaloos, 2 exs., 09.V.2008, leg. E. Sürmen.

***Philonthus nitidicollis* (LACORDAIRE 1835)**

Material examined: Mazandaran: Chaloos, 3 exs., 09.V.2008, leg. E. Sürmen.

***Ocypus mus* (BRULLÉ 1832)**

Material examined: Mazandaran: Noshahr, 2 exs., 09.V.2008, leg. E. Sürmen.

***Ocypus sericeicollis* (MÉNÉTRIÉS 1832)**

Material examined: Mazandaran: Noshahr, 3 exs., 09.V.2008, leg. E. Sürmen.

***Staphylinus caesareus* CEDERHJELM 1798**

Material examined: Tehran: Central province, 2 exs., 12.V.2008, leg. E. Sürmen.

***Xantholinus rufipennis* ERICHSON 1839**

Material examined: Mazandaran: Noshahr, 1 ex., 09.V.2008, leg. E. Sürmen.

Comments: The species is here reported from Iran for the first time.

Distributional checklist of the Staphylinidae of Iran

Table 1: Checklist of the staphylinid species of Iran.

Taxon	Provinces and/or Localities	References & Comments
Omaline Group		
1. Subfamily Omaliinae MACLEAY 1825		
Tribe Anthophagini THOMSON 1859		
<i>Deliphrosoma bakhtiyariense</i> ZERCHE 1991	Chahar-Mahal Bakhtiari	ZERCHE (1991), BORDONI (1999b), HERMAN (2001), SMETANA (2004); Endemic
<i>Deliphrosoma morvani</i> (JARRIGE 1971)	Mazandaran	JARRIGE (1971), ZERCHE (1991), BORDONI (1999b), HERMAN (2001), SMETANA (2004); Endemic
<i>Geodromicus iranicus</i> COIFFAIT 1981	Tehran (Col. de Schalous, dans le massif de l'Elbrouz)	COIFFAIT (1981a), HERMAN (2001), SMETANA (2004); Endemic

Taxon	Provinces and/or Localities	References & Comments
<i>Lesteva morvani</i> JARRIGE 1971	Mazandaran (Elbourz Massif du Kauh I Kahar 10 km de Gash I Sar)	JARRIGE (1971), SMETANA (2004); Endemic
<i>Olophrum bodemeyeri</i> SCHEERPELTZ 1929	Lorestan	SCHEERPELTZ (1929), HERMAN (2001), SMETANA (2004); Endemic
<i>Olophrum fuscum</i> (GRAVENHORST 1806)	Not cited	SCHEERPELTZ (1929), HERMAN (2001), SMETANA (2004)
<i>Orochares villiersi</i> JARRIGE 1971	Fars (Dacht Argen, 60 km east of Shiraz)	JARRIGE (1971), THAYER (1993), HERMAN (2001), SMETANA (2004); Endemic
Tribe Coryphiini JAKOBSON 1908		
<i>Coryphoides jelineki</i> ZERCHE 1990	Tehran (Elbruz, Kuhaye Tu-Chal)	ZERCHE (1990, 1993), HERMAN (2001), SMETANA (2004); Endemic
Tribe Eusphalerini HATCH 1957		
<i>Eusphalerum bothmeri</i> COIFFAIT 1976	Gilan (Assalam)	COIFFAIT (1976), ZANETTI (1993), HERMAN (2001), SMETANA (2004)
<i>Eusphalerum sorbi</i> (GYLLENHAL 1810)	Golestan [Gole, Lovae (=Gole-Loweh)]	ZANETTI (1993), HERMAN (2001), SMETANA (2004); Syn: <i>E. iranicum</i> COIFFAIT 1976
<i>Eusphalerum wittmeri</i> COIFFAIT 1976	Gilan (Assalam)	COIFFAIT (1976), ZANETTI (1993), HERMAN (2001), SMETANA (2004); Endemic
Tribe Omaliini MACLEAY 1825		
<i>Dropephylla caucasica</i> (KOLENATI 1846)	Not cited	ANLAŞ & NEWTON (present paper); Syn: <i>Phyllodrepa afghanica</i> COIFFAIT 1982
<i>Dropephylla vilis</i> (ERICHSON 1840)	Not cited	SMETANA (2004)
<i>Omaliium cribriceps</i> FAUVEL 1900	No locality cited (North Iran)	FAUVEL (1900), LUZE (1906), HERMAN (2001)
2. Subfamily Pselaphinae LATREILLE 1802		
Supertribe Batrisitae REITTER 1882		
Tribe Batrisini REITTER 1882		
<i>Batrisodes ruprechtii</i> (KOLENATI 1846)	Gilan, Golestan [Gole, Lovae (=Gole-Loweh)], Mazandaran [Chalus (=Chaloos)]	BESUCHET (1981a), LÖBL & BESUCHET (2004)
Supertribe Clavigeritae LEACH 1815		
Tribe Clavigerini LEACH 1815		
<i>Articerodes syriacus</i> (SAULCY 1865)	Not cited	BESUCHET (1986), LÖBL & BESUCHET (2004)
<i>Claviger caspicus</i> REITTER 1882	Not cited	LÖBL & BESUCHET (2004)
<i>Claviger colchicus</i> MOTSCHULSKY 1837	Not cited	LÖBL & BESUCHET (2004)
<i>Claviger testaceus persicus</i> B. BODEMEYER 1927	North Iran (Elburz Mts.)	B. BODEMEYER (1927), LÖBL & BESUCHET (2004); Endemic
Supertribe Euplectitae LECONTE 1861		
Tribe Euplectini LECONTE 1861		
<i>Euplectus caspicus</i> RAFFRAY 1910	Haramat? [Mer Caspienne (=Caspian Sea shore)]	RAFFRAY (1910); Endemic
<i>Euplectus karstenii</i> (REICHENBACH 1816)	Not cited	LÖBL & BESUCHET (2004)

Taxon	Provinces and/or Localities	References & Comments
<i>Euplectus occipitalis</i> REITTER 1882	Not cited	LÖBL & BESUCHET (2004)
Tribe Trichonychini REITTER 1882		
<i>Amauronyx talyschensis</i> (REITTER 1882)	Not cited	LÖBL & BESUCHET (2004)
<i>Biblopectus pauxillus</i> BESUCHET 1975	Gilan, Mazandaran	BESUCHET (1975a), LÖBL & BESUCHET (2004)
<i>Bibloporus variicolor</i> REITTER 1882	Haramat? [Mer Caspienne (=Caspian Sea shore)]	REITTER (1882), LÖBL & BESUCHET (2004)
<i>Panaphantus atomus</i> KIESENWETTER 1858	Gilan, Lorestan, Tehran	BESUCHET (1980), LÖBL & BESUCHET (2004)
<i>Plectophloeus nitidus</i> (FAIRMAIRE 1858)	Not cited	LÖBL & BESUCHET (2004)
<i>Plectophloeus nubigena nubigena</i> (REITTER 1877)	Not cited	LÖBL & BESUCHET (2004)
<i>Pseudoplectus perplexus</i> (JACQUELIN DU VAL 1854)	Not cited	LÖBL & BESUCHET (2004)
<i>Scotoplectus caspicus</i> BESUCHET 1975	Ardabil (Nav Valley, Heroabad)	BESUCHET (1975b), LÖBL & BESUCHET (2004)
<i>Trichonyx georgicus</i> (MOTSCHULSKY 1845)	Not cited	LÖBL & BESUCHET (2004)
<i>Zibus leiocephalus</i> (AUBÉ 1833)	Not cited	LÖBL & BESUCHET (2004)
Supertribe Goniaceritae REITTER 1882		
Tribe Brachyglutini RAFFRAY 1904		
<i>Brachygluta afganistanica</i> LÖBL 1967	Golestan (Gorgan), Khorasan, Mazandaran, Tehran (Amirabad)	LÖBL & BESUCHET (2004), SABELLA et al. (2004)
<i>Brachygluta araxidis</i> (REITTER 1889)	East and/or West Azarbaijan, Fars, Gilan	LÖBL & BESUCHET (2004), SABELLA et al. (2004)
<i>Brachygluta foveola</i> (MOTSCHULSKY 1840)	No locality cited (North Iran)	LÖBL & BESUCHET (2004), SABELLA et al. (2004)
<i>Brachygluta furcata</i> (MOTSCHULSKY 1835)	No locality cited (North Iran)	LÖBL & BESUCHET (2004), SABELLA et al. (2004)
<i>Brachygluta giordanii</i> MEGGIOLARO 1961	Kermanshah (Quars-i Shirin)	MEGGIOLARO (1961), LÖBL & BESUCHET (2004); Endemic
<i>Brachygluta helferi longispina</i> (REITTER 1884)	No locality cited (Northwest Iran)	LÖBL & BESUCHET (2004), SABELLA et al. (2004)
<i>Brachygluta iranica</i> (SAULCY 1876)	Tehran	SAULCY (1876), REITTER (1882), KARAMAN (1961), SABELLA et al. (2004)
<i>Brachygluta larica</i> SABELLA 2004	Hormozgan (Darya-ye Oman), Mazandaran, Sistan Baluchestan	SABELLA et al. (2004); Endemic
<i>Brachygluta martina</i> BÜCKLE 2004	Lorestan	SABELLA et al. (2004); Endemic
<i>Brachygluta perissinottoi</i> BESUCHET 1969	Fars (Chapour)	BESUCHET (1969), LÖBL & BESUCHET (2004); Endemic
<i>Brachygluta richteri</i> BESUCHET 1961	Khuzestan (Shadegan)	BESUCHET (1961), LÖBL & BESUCHET (2004), SABELLA et al. (2004)
<i>Brachygluta spinicoxis</i>	Isfahan	SAULCY (1876), REITTER (1882),

Taxon	Provinces and/or Localities	References & Comments
<i>spinicoxis</i> (MOTSCHULSKY 1835)		BESUCHET (1999), LÖBL & BESUCHET (2004); Syn: <i>Bryaxis persica</i> SAULCY 1876; <i>Bryaxis syriaca</i> BAUDI DI SELVE 1870
<i>Brachygluta tumidipes</i> BESUCHET 1981	Hormozgan (Minab), Lorestan, Kerman	BESUCHET (1981b), LÖBL & BESUCHET (2004), SABELLA et al. (2004)
<i>Fagniezia spinipes</i> (REITTER 1885)	Not cited	LÖBL & BESUCHET (2004)
<i>Rybaxis diabolica</i> REITTER 1884	Not cited	LÖBL & BESUCHET (2004)
<i>Rybaxis gigas</i> (BAUDI DI SELVE 1870)	Not cited	REITTER (1882), LÖBL & BESUCHET (2004)
<i>Rybaxis longicornis</i> (LEACH 1817)	Not cited	LÖBL & BESUCHET (2004)
<i>Trissemus montanus</i> (SAULCY 1876)	Not cited	LÖBL & BESUCHET (2004)
<i>Trissemus mundulus</i> BESUCHET 1961	Sistan Baluchestan (Bampour river, SE of Iranshahr)	BESUCHET (1961), LÖBL & BESUCHET (2004); Endemic
Tribe Bythinini RAFFRAY 1890		
<i>Bythinus gracilis</i> MOTSCHULSKY 1851	North Iran (Talysh Mts.)	KARAMAN (1957), LÖBL & BESUCHET (2004)
<i>Tychobythinus caviceps</i> (REITTER 1882)	Not cited	LÖBL & BESUCHET (2004)
Tribe Tychini RAFFRAY 1904		
<i>Tychus caspicus</i> BESUCHET & SABELLA 1999	Gilan (Limir), Mazandaran (Keyasar)	BESUCHET & SABELLA (1999a), LÖBL & BESUCHET (2004); Endemic
<i>Tychus dubius</i> SABELLA & KURBATOV 2003	Kermanshah	SABELLA & KURBATOV (2003); Endemic
<i>Tychus holzschuhi</i> BESUCHET & SABELLA 1999	Ardabil (Nowshahr)	BESUCHET & SABELLA (1999b), LÖBL & BESUCHET (2004)
<i>Tychus lederi</i> SAULCY 1878	Golestan (Gole-Loweh)	SABELLA & KURBATOV (2003), LÖBL & BESUCHET (2004)
<i>Tychus persicus</i> BESUCHET & SABELLA 1999	Chahar-Mahal Bakhtiari (Kulirang)	BESUCHET & SABELLA (1999a), LÖBL & BESUCHET (2004); Endemic
<i>Tychus remaudierei</i> BESUCHET 1969	Khorasan	BESUCHET (1969), LÖBL & BESUCHET (2004)
<i>Tychus sengleti</i> BESUCHET & SABELLA 1999	Mazandaran (Tchortehteh)	BESUCHET & SABELLA (1999b), LÖBL & BESUCHET (2004); Endemic
Supertribe Pselaphitae LATREILLE 1802		
Tribe Ctenistini É. BLANCHARD 1845		
<i>Chennium antennatum</i> REITTER 1882	Not cited	LÖBL & BESUCHET (2004)
<i>Ctenisomorphus major</i> (RAFFRAY 1877)	Not cited	LÖBL & BESUCHET (2004)
<i>Ctenistes marthae</i> REITTER 1891	Not cited	LÖBL & BESUCHET (2004)
<i>Ctenistes palpalis</i> REICHENBACH 1816	Not cited	REITTER (1882), LÖBL & BESUCHET (2004)
<i>Ctenistes staudingerii</i> (L. W. SCHAUFUSS 1861)	Not cited	BESUCHET (1981b), LÖBL & BESUCHET (2004)

Taxon	Provinces and/or Localities	References & Comments
<i>Desimia darius</i> (SAULCY 1874)	Not cited	LÖBL & BESUCHET (2004)
<i>Enoptostomus globulicornis</i> (MOTSCHULSKY 1851)	Not cited	REITTER (1882), LÖBL & BESUCHET (2004)
<i>Mentraphus pselaphodes</i> SHARP 1883	Not cited	BESUCHET (1981b), LÖBL & BESUCHET (2004)
Tribe Pselaphini LATREILLE 1802		
<i>Pselaphidius acuminatus</i> (MOTSCHULSKY 1835)	Not cited	LÖBL & BESUCHET (2004)
<i>Pselaphus caspicus</i> REITTER 1882	Not cited	LÖBL & BESUCHET (2004)
<i>Pselaphus striatus</i> LÖBL 1974	Not cited	LÖBL & BESUCHET (2004)
Tachyporine Group		
3. Subfamily Habrocerinae MULSANT & REY 1877		
<i>Habrocerus capillaricornis</i> (GRAVENHORST 1806)	Isfahan, Mazandaran	ASSING & WUNDERLE (1995, 1996), SMETANA (2004)
4. Subfamily Tachyporinae MACLEAY 1825		
Tribe Mycetoporini THOMSON 1859		
<i>Carphacis jarrigei</i> SCHÜLKE 1994	North Iran (Elburz Mts., Alam Kough)	SCHÜLKE (1994, 2000), HERMAN (2001), SMETANA (2004); Endemic
<i>Ischnosoma splendidum</i> (GRAVENHORST 1806)	East Azarbaijan	SCHÜLKE (2008)
<i>Lordithon thoracicus thoracicus</i> (FABRICIUS 1777)	Tehran	SMETANA (2004), ANLAŞ & NEWTON (present paper); Syn: <i>Oxyporus pygmaeus</i> FABRICIUS 1777
<i>Lordithon trimaculatus</i> (FABRICIUS 1793)	Not cited	SMETANA (2004)
<i>Lordithon trinotatus</i> (ERICHSON 1839)	Not cited	SMETANA (2004)
<i>Mycetoporus bauduerei</i> MULSANT & REY 1875	Not cited	SMETANA (2004)
<i>Mycetoporus brucki</i> (PANDELLÉ 1869)	Not cited	SMETANA (2004); Syn: <i>M. laevicollis</i> EPPELSHEIM 1878
<i>Mycetoporus confusus</i> EPPELSHEIM 1889	Haramat? [Mer Caspienne (=Caspian Sea shore)]	EPPELSHEIM (1889)
<i>Mycetoporus lepidus</i> (GRAVENHORST 1806)	Not cited	SMETANA (2004)
<i>Mycetoporus liliputanus</i> LUZE 1901	Fars	SCHÜLKE (2008)
Tribe Tachyporini MACLEAY 1825		
<i>Cilea silphoides</i> (LINNAEUS 1767)	Not cited	HERMAN (2001)
<i>Coproporus colchicus</i> KRAATZ 1858	Golestan	SCHÜLKE (2007), SMETANA (2004)
<i>Lamprinus erythropterus</i> PANZER 1796)	Hamadan	SCHÜLKE (2008)
<i>Sepedophilus immaculatus</i> (STEPHENS 1832)	Not cited	SMETANA (2004)
<i>Sepedophilus littoreus</i> (LINNAEUS 1758)	Not cited	HERMAN (2001), SMETANA (2004); Syn: <i>Staphylinus pubescens</i> PAYKULL 1790 (preoccupied)

Taxon	Provinces and/or Localities	References & Comments
<i>Sepedophilus luzei</i> SCHÜLKE 1998	Mazandaran (Sheykh Mahalleh)	SCHÜLKE (1998), HERMAN (2001), SMETANA (2004)
<i>Sepedophilus pedicularius</i> (GRAVENHORST 1802)	Not cited	FAUVEL (1875), HERMAN (2001)
<i>Sepedophilus rufulus</i> (HOCHHUTH 1849)	Sistan Baluchestan	SCHERPPELTZ (1960a, 1963a), HERMAN (2001), SMETANA (2004)
<i>Sepedophilus testaceus</i> (FABRICIUS 1793)	Not cited	SMETANA (2004)
<i>Tachinus corticinus</i> GRAVENHORST 1802	Lorestan	SCHÜLKE (2008); Syn: <i>T. collaris</i> GRAVENHORST 1802
<i>Tachinus fanynkae</i> HROMÁDKA 2001	Mazandaran (West Elburz: Kalardasht)	HROMÁDKA (2001), SMETANA (2004); Endemic
<i>Tachinus fimetarius</i> GRAVENHORST 1802	Not cited	ÜLLRICH (1975), HERMAN (2001), SMETANA (2004)
<i>Tachinus humeralis humeralis</i> GRAVENHORST 1802	Not cited	SMETANA (2004)
<i>Tachinus rufipes</i> (LINNAEUS 1758)	Not cited	SMETANA (2004)
<i>Tachinus rufitarsis</i> HOCHHUTH 1849	Not cited	SCHÜLKE (1989b); Syn: <i>T. afghanicus</i> COIFFAIT 1982
<i>Tachyporus gracilicornis</i> LUZE 1904	Not cited	SCHERPPELTZ (1960a), HERMAN (2001)
<i>Tachyporus hypnorum</i> (FABRICIUS 1775)	Golestan, Sistan Baluchestan, Tehran	FAUVEL (1875), SCHERPPELTZ (1961a), JARRIGE (1971), HERMAN (2001), SMETANA (2004), ANLAŞ & NEWTON (present paper)
<i>Tachyporus nitidulus</i> (FABRICIUS 1781)	Fars (Fasa)	FAUVEL (1875), JARRIGE (1971), HERMAN (2001), SMETANA (2004)
<i>Tachyporus pusillus</i> GRAVENHORST 1806	Gilan	SCHÜLKE (2008); Syn: <i>T. satanas</i> LUZE 1901
<i>Tachyporus scitulus</i> ERICHSON 1839	Not cited	HERMAN (2001), SMETANA (2004)
<i>Tachyporus solutus</i> ERICHSON 1839	Not cited	SMETANA (2004)
<i>Tachyporus transversalis</i> GRAVENHORST 1806	No locality cited (North Iran)	SCHERPPELTZ (1963a)
5. Subfamily Aleocharinae FLEMING 1821		
Tribe Aleocharini FLEMING 1821		
<i>Aleochara adusta</i> EPPELSHEIM 1890	Gilan (Bararu)	ASSING (2009l)
<i>Aleochara bilineata</i> GYLLENHAL 1810	Mazandaran (Kalardasht Rudbarak), Tehran (Mittel Elburz, Kandavan Valley)	LIKOVSKÝ (1981), SMETANA (2004)
<i>Aleochara bipustulata</i> (LINNAEUS 1760)	East Azerbaijan (Marand), Fars (Firuzabad), Luristan, Mazandaran (Chalus, Demavent, Kalardasht), Tehran	JARRIGE (1971), LIKOVSKÝ (1981), MAUS (1998), SMETANA (2004)
<i>Aleochara brevilaminata</i> ASSING 2009	Kermanshah, Khorasan	ASSING (2009b)
<i>Aleochara clavicornis</i> REDTENBACHER 1849	Ardabil (Sabalan)	SMETANA (2004), TRONQUET (2009); Syn: <i>A. solida</i> HOCHHUTH 1849; <i>A.</i>

Taxon	Provinces and/or Localities	References & Comments
		<i>grenieri</i> FAIRMAIRE & BRISOUT DE BARNEVILLE 1859; <i>A. carinata</i> SAULCY 1865
<i>Aleochara cuniculorum</i> KRAATZ 1858	Fars	ASSING (2009b)
<i>Aleochara falsa</i> LIKOVSKÝ 1981	Fars, Isfahan, Lorestan (Zagros, Marg-e Malek)	LIKOVSKÝ (1981), ASSING (2009b); Endemic
<i>Aleochara gaudiuscula</i> TOTTENHAM 1939	East Azerbaijan (Sufian, 30 km West of Tabriz)	LIKOVSKÝ (1981), SMETANA (2004)
<i>Aleochara haematoptera</i> KRAATZ 1858	Tehran (Darband, Karaj)	LIKOVSKÝ (1981), SMETANA (2004); <i>A. haematodes</i> SCHAUM 1862; <i>A. ripicola</i> MULSANT & REY 1874
<i>Aleochara ignipennis</i> FAUVEL 1900	No locality cited (North Iran)	FAUVEL (1900), ASSING (2007a, 2009b)
<i>Aleochara inconspicua</i> AUBÉ 1850	Tehran (Darband)	LIKOVSKÝ (1981), SMETANA (2004)
<i>Aleochara intricata</i> MANNERHEIM 1830	Gilan, Mazandaran	JARRIGE (1971), LIKOVSKÝ (1981), SMETANA (2004)
<i>Aleochara laevigata</i> GYLLENHAL 1810	Lorestan (Zagros, Marg-e Malek), Mazandaran (Demavent, Larijan), Tehran (Darband, Kandavan)	LIKOVSKÝ (1981), SMETANA (2004); Syn: <i>A. bisignata</i> ERICHSON 1837
<i>Aleochara lanuginosa</i> GRAVENHORST 1802	Mazandaran	JARRIGE (1971), LIKOVSKÝ (1981), SMETANA (2004)
<i>Aleochara laticornis</i> KRAATZ 1856	Golestan (Naturschutzgeb., Dasth-Umgebung)	LIKOVSKÝ (1981), SMETANA (2004)
<i>Aleochara lepidoptera</i> BERNHAEUER 1901	Mazandaran (Demavent)	LIKOVSKÝ (1981), ASSING (2009b)
<i>Aleochara leptocera</i> EPPELSHEIM 1889	Isfahan	ASSING (2009b)
<i>Aleochara maculipennis</i> BAUDI DI SELVE 1857	Kermanshah, Lorestan	ASSING (2009b)
<i>Aleochara moesta</i> GRAVENHORST 1802	Gilan (Assalem), Kordestan (Akinlou), Lorestan (Zagros, Marg-e Malek), Mazandaran (Demavent, Elburz Veresk), Tehran (Kandavan Valley)	SCHEERPELTZ (1963b), JARRIGE (1971), LIKOVSKÝ (1981), SMETANA (2004); Syn: <i>A. ebneri</i> SCHEERPELTZ 1929
<i>Aleochara persica</i> LIKOVSKÝ 1981	Mazandaran (Elburz Veresk)	LIKOVSKÝ (1981), SMETANA (2004), ASSING (2009b)
<i>Aleochara puberula</i> KLUG 1834	Mazandaran [Abbasad (=Abbasabad)]	LIKOVSKÝ (1981), SMETANA (2004)
<i>Aleochara sarica</i> ASSING 2009	Mazandaran (Bendela, Sangdeh)	ASSING (2009); Endemic
<i>Aleochara spadicea</i> (ERICHSON 1837)	No locality cited (North Iran)	SCHEERPELTZ (1969)
<i>Aleochara transcaspica</i> BERNHAEUER 1936	Khorasan [Lutfabad (=Lutfabad)]	BERNHAEUER (1936), SMETANA (2004); Endemic
<i>Aleochara tristis</i> GRAVENHORST 1806	Mazandaran	JARRIGE (1971), LIKOVSKÝ (1981), SMETANA (2004)
<i>Aleochara verna</i> SAY 1833	North Iran (Elbruz Mts.)	MAUS (1998), SMETANA (2004)

Taxon	Provinces and/or Localities	References & Comments
<i>Piochardia reitteri</i> (WASMANN 1894)	Tehran	LIKOVSKÝ (1981), SMETANA (2004)
Tribe Athetini CASEY 1910		
<i>Acrotona parvula</i> (MANNERHEIM 1830)	Not cited	SMETANA (2004)
<i>Aloconota cambrica</i> (WOLLASTON 1855)	Not cited	SMETANA (2004)
<i>Aloconota gregaria</i> (ERICHSON 1839)	Fars, Isfahan	SCHEERPELTZ (1961b), JARRIGE (1971)
<i>Aloconota iranica</i> (SCHEERPELTZ 1961)	Khuzestan [Shush (=Susa)]	SCHEERPELTZ (1961a); Endemic
<i>Aloconota luristanica</i> SMETANA 2004	Luristan	G. BENICK (1941), SMETANA (2004); Syn: <i>Atheta persica</i> G. BENICK 1941 (preoccupied); Endemic
<i>Aloconota persica</i> (CAMERON 1940)	Kerman	CAMERON (1940), SMETANA (2004); Endemic
<i>Amischa analis</i> (GRAVENHORST 1802)	Sistan Baluchestan (Iranshahr)	SCHEERPELTZ (1961a), SMETANA (2004)
<i>Atheta aeneipennis</i> (THOMSON 1856)	Not cited	SMETANA (2004)
<i>Atheta atramentaria</i> (GYLLENHAL 1810)	Not cited	SMETANA (2004)
<i>Atheta castanoptera</i> (MANNERHEIM 1840)	Not cited	SMETANA (2004); Syn: <i>Homalota pertyi</i> HEER 1839
<i>Atheta elongatula</i> (GRAVENHORST 1802)	Not cited	SMETANA (2004)
<i>Atheta judith</i> (SAULCY 1865)	Not cited	SMETANA (2004)
<i>Atheta longicornis</i> (GRAVENHORST 1802)	Mazandaran [Novshar (=Noushar)]	JARRIGE (1971)
<i>Atheta oblita</i> (ERICHSON 1839)	Not cited	SMETANA (2004)
<i>Atheta oraria</i> (KRAATZ 1856)	Not cited	SCHEERPELTZ (1961d), SMETANA (2004)
<i>Atheta scrobicollis</i> (KRAATZ 1859)	Not cited	SMETANA (2004)
<i>Atheta trinotata</i> (KRAATZ 1856)	Not cited	SMETANA (2004)
<i>Geostiba circellaris</i> (GRAVENHORST 1806)	Isfahan	ASSING (2009f)
<i>Geostiba huberi</i> PACE 1983	Khorasan (between Bonjurd-Shapasand)	PACE (1983), SMETANA (2004), ASSING (2005d); Endemic
<i>Geostiba impressiventris</i> ASSING 2009	Gilan	ASSING (2009f); Endemic
<i>Geostiba sarica</i> ASSING 2009	Mazandaran	ASSING (2009f); Endemic
<i>Geostiba sengleti</i> PACE 1983	Golestan [Gole, Lovae (=Gole-Loweh)]	PACE (1983), SMETANA (2004), ASSING (2005d, 2008g); Endemic
<i>Lioghuta longiuscula</i> (GRAVENHORST 1802)	Not cited	SCHEERPELTZ (1961d), SMETANA (2004)
<i>Mocyta fungi fungi</i> (GRAVENHORST 1806)	Not cited	SMETANA (2004)
<i>Nehemitropia lividipennis</i> (MANNERHEIM 1830)	Tehran	BOHÁČ (1981), SMETANA (2004); Syn: <i>Staphylinus sordida</i> MARSHAM 1802

Taxon	Provinces and/or Localities	References & Comments
<i>Ousipalia caesula</i> (ERICHSON 1839)	Not cited	SMETANA (2004)
<i>Tomoglossa laeta</i> EPELSHEIM 1884	Not cited	SMETANA (2004)
Tribe Falagriini MULSANT & REY 1873		
<i>Anaulacaspis gratilla</i> (ERICHSON 1839)	No locality cited (South Iran)	FAGEL (1969), SCHEERPELTZ (1963a), SMETANA (2004)
<i>Anaulacaspis lutzi</i> (REITTER 1909)	No locality cited (East Iran)	SCHEERPELTZ (1960a), SMETANA (2004)
<i>Anaulacaspis naevula</i> (ERICHSON 1839)	Kerman [(Anbar-Abad, Djiroft (=Jiroft)], Sistan Baluchestan	SCHEERPELTZ (1961a, 1963a), SMETANA (2004)
<i>Anaulacaspis persica</i> (FAGEL 1969)	No locality cited (North and South Iran)	FAGEL (1969), SMETANA (2004); Endemic
<i>Anaulacaspis seclusa</i> (FAGEL 1969)	No locality cited (South Iran)	FAGEL (1969), SMETANA (2004)
<i>Cordalia fortepunctata</i> ASSING 2006	Ardabil, Chahar-Mahal Bakhtiari, East Azerbaijan, Fars, Gilan, Isfahan, Lorestan, Mazandaran, Tehran	ASSING (2007e)
<i>Cordalia obscura</i> (GRAVENHORST 1802)	East Azerbaijan (=Azarbayjan-e Sharqi), Fars, Gilan, Mazandaran	ASSING (2007e)
<i>Falagria caesa</i> ERICHSON 1837	Not cited	SMETANA (2004); Syn: <i>Staphylinus sulcatus</i> PAYKULL 1789
<i>Falagria collaris</i> REITTER 1891	Not cited	SMETANA (2004)
<i>Falagria splendens</i> KRAATZ 1858	Not cited	SMETANA (2004)
<i>Falagrioma thoracica</i> (STEPHENS 1832)	East Azerbaijan, Gilan, Mazandaran	ASSING (2007e)
<i>Myrmecopora effeminata</i> ASSING 2004	Lorestan	ASSING (2007e, 2009d)
Tribe Homalotini HEER 1839		
<i>Caloderina hierosolymitana</i> (SAULCY 1865)	Fars	ASSING (2007e)
<i>Leptusa armeniaca</i> PACE 1989	East or West Azerbaijan	ASSING (2009j)
<i>Leptusa delphiniformis</i> ASSING 2009	Mazandaran	ASSING (2009j); Endemic
<i>Leptusa flagrifera</i> ASSING 2009	Gilan	ASSING (2009j); Endemic
<i>Leptusa laeviuscula</i> (HOCHHUTH 1849)	Mazandaran	ASSING (2009j)
<i>Leptusa persica</i> ASSING 2009	Mazandaran	ASSING (2009j); Endemic
<i>Leptusa piciformis</i> ASSING 2009	Gilan	ASSING (2009j); Endemic
<i>Leptusa sengleti</i> PACE 1984	Gilan	PACE (1984, 1989), ASSING (2009j); Endemic
<i>Leptusa sorciformis</i> ASSING 2009	Mazandaran	ASSING (2009j); Endemic

Taxon	Provinces and/or Localities	References & Comments
Tribe Lomechusini FLEMING 1821		
<i>Drusilla alutacea</i> REITTER 1901	Mazandaran	ASSING (2008e)
<i>Drusilla bulbata</i> ASSING 2008	Mazandaran (Elburz Mts, near Alamdeh)	ASSING (2008e); Endemic
<i>Drusilla canaliculata</i> (FABRICIUS 1787)	Ardabil, East Azerbaijan (=Azarbayjan-e Sharqi), Gilan, Mazandaran, Tehran	ASSING (2005c, 2008e)
<i>Drusilla ganglbaueri</i> (BERNHAEUER 1906)	Khorasan, Semnan	ASSING (2008e)
<i>Drusilla heydeni</i> (EPPELSHEIM 1887)	Khorasan, Mazandaran	ASSING (2008e)
<i>Drusilla persica</i> ASSING 2005	Golestan, Khorasan, Mazandaran	ASSING (2005c, 2008e); Endemic
<i>Zyras fulgidus</i> (GRAVENHORST 1806)	Not cited	SMETANA (2004), HLAVÁČ & JÁSZAY (2009)
Tribe Mesoporini CAMERON 1959		
<i>Dictyon pumilio</i> (EPPELSHEIM 1884)	Gilan [Talysh Mts., Hashtpar (=Talesh)]	BOHÁČ (1980)
Tribe Oxypodini THOMSON 1859		
<i>Devia prospera</i> (ERICHSON 1839)	Not cited	SMETANA (2004)
<i>Gnypeta carbonaria</i> (MANNERHEIM 1830)	Not cited	SMETANA (2004)
<i>Gnypeta rubrior</i> TOTTENHAM 1939	East Azerbaijan (Tabriz)	ASSING (2009d)
<i>Ocalea persica</i> COIFFAIT 1973	Kerman	COIFFAIT (1973), SMETANA (2004); Endemic
<i>Oxypoda alternans</i> (GRAVENHORST 1802)	Not cited	SCHEERPELTZ (1961d), SMETANA (2004)
<i>Oxypoda brevicornis</i> (STEPHENS 1832)	Mazandaran	ASSING (2007e)
<i>Oxypoda ignorata</i> ZERCHE 1996	Ghazvin (=Qazvin), Hamadan	ASSING (2007e)
<i>Oxypoda rubustior</i> ASSING 2009	Semnan	ASSING (2009k); Endemic
<i>Oxypoda vicina</i> KRAATZ 1858	East Azerbaijan (Tabriz)	JARRIGE (1971); Syn: <i>O. nivalis</i> FAGEL 1965
<i>Oxypoda wankai</i> BERNHAEUER 1936	Fars	ASSING (2007e)
<i>Tachyusa nitella</i> FAUVEL, 1895	Mazandaran [Jarahudeh? (=Javaherdeh)]	PAŠNIK (2006)
<i>Tetralaucopora bicolorata</i> ASSING 2007	Fars	ASSING (2007e); Endemic
<i>Tetralaucopora longitarsis</i> (ERICHSON 1839)	Ardabil, Fars, Hamadan, Isfahan, Kerman, Tehran	SMETANA (2004), ASSING (2007e)
<i>Tetralaucopora rubicunda</i> (ERICHSON 1837)	Ardabil, East Azerbaijan, Mazandaran, Tehran	ASSING (2007e)
Tribe Pronomacini MULSANT & REY 1873		
<i>Pronomaea araxicola</i> REITTER 1898	Fars	SMETANA (2004), ASSING (2007h)

Taxon	Provinces and/or Localities	References & Comments
<i>Pronomaea khnzoriani</i> SEMENOV 2003	Ardabil, Chahar-Mahal Bakhtiari, East Azerbaijan, Fars, Gilan, Hamadan, Isfahan, Kermanshah, Khorasan, Kordestan, Lorestan, Mazandaran, Tehran	SMETANA (2004), ASSING (2007e, h)
<i>Pronomaea procerula</i> ASSING 2007	Kuhkuloyeh Boyer Ahmad, Kordestan	ASSING (2007e); Endemic
<i>Pronomaea rostrata</i> ERICHSON 1837	Not cited	SMETANA (2004)
Oxytelinae Group		
6. Subfamily Osoriinae ERICHSON 1839		
Tribe Osoriini ERICHSON 1839		
<i>Leptotyphlopsis iranica</i> COIFFAIT 1977	Ilam (Sarab Eyvan)	COIFFAIT (1977a), SMETANA (2004); Endemic
7. Subfamily Oxytelinae FLEMING 1821		
Tribe Blediini ÁDÁM 2001		
<i>Bledius akinini</i> EPPELSHEIM 1888	Not cited	HERMAN (1986, 2001), SMETANA (2004)
<i>Bledius angustus angustus</i> MULSANT & REY 1861	Khuzestan (Shadegan), Sistan Baluchestan (Iranshahr)	SCHEERPELTZ (1961a), SMETANA (2004)
<i>Bledius angustus pierrei</i> JARRIGE 1971	Lurt Beloutchab?	JARRIGE (1971), SMETANA (2004); Endemic
<i>Bledius bicornis</i> (GERMAR 1823)	Not cited	SCHEERPELTZ (1961b)
<i>Bledius capra</i> FAUVEL 1875	Hormozgan (Bandar Langeh), Kerman (Deh Bakri, Djiroft)	JARRIGE (1971), SMETANA (2004)
<i>Bledius carinicolis</i> FAUVEL 1875	Not cited	SMETANA (2004)
<i>Bledius dilutipennis</i> MOTSCHULSKY 1858	Not cited	SMETANA (2004)
<i>Bledius dissimilis</i> ERICHSON 1840	Not cited	SMETANA (2004)
<i>Bledius fossor</i> HEER 1839	Not cited	FAUVEL (1872), HERMAN (2001), SMETANA (2004); Syn: <i>B. funestus</i> EPPELSHEIM 1883
<i>Bledius furcatus</i> (OLIVIER 1811)	Mazandaran	ANLAŞ & NEWTON (present paper)
<i>Bledius glasunovi</i> LUZE 1904	Hormozgan (Minab), Khuzestan (Shadegan), Sistan Baluchestan (Iranshahr)	SCHEERPELTZ (1960b, 1961a, 1963a), JARRIGE (1971), HERMAN (2001), SMETANA (2004)
<i>Bledius hinnulus</i> ERICHSON 1840	Hormozgan (Bandar Langeh), Khuzestan (Shadegan, Shush), Sistan Baluchestan (Iranshahr)	SCHEERPELTZ (1960b, 1961a, 1963a), FAGEL (1970), JARRIGE (1971), HERMAN (2001), SMETANA (2004)
<i>Bledius immarginatus</i> KOCH 1934	Not cited	HERMAN (2001), SMETANA (2004)

Taxon	Provinces and/or Localities	References & Comments
<i>Bledius klapperichi</i> COIFFAIT 1981	Gilan (Bandar Pahlavi)	COIFFAIT (1981a), HERMAN (2001), SMETANA (2004); Endemic
<i>Bledius lindbergianus</i> SCHEERPELTZ 1963	Not cited	SMETANA (2004)
<i>Bledius loeffleri</i> COIFFAIT 1973	Kerman	COIFFAIT (1973), HERMAN (1986, 2001), SMETANA (2004); Endemic
<i>Bledius opacus</i> (BLOCK 1799)	Not cited	HERMAN (2001), SMETANA (2004)
<i>Bledius persicus</i> BERNHAUER 1940	No locality cited ("Persien")	BERNHAUER (1940), HERMAN (1970, 1986, 2001), SMETANA (2004); Endemic
<i>Bledius richteri</i> SCHEERPELTZ 1961	Khuzestan (Shadegan)	SCHEERPELTZ (1961a), HERMAN (1970, 1986, 2001), SMETANA (2004); Endemic
<i>Bledius spectabilis</i> KRAATZ 1857	Khuzestan (Shadegan), Hormozgan (Minab)	SCHEERPELTZ (1961a), HORION (1963), JARRIGE (1971), HERMAN (2001), SMETANA (2004)
<i>Bledius tricornis</i> (HERBST 1784)	Not cited	HERMAN (2001), SMETANA (2004)
<i>Bledius verres</i> ERICHSON 1840	Not cited	SCHEERPELTZ (1961b), HERMAN (2001), SMETANA (2004)
<i>Bledius vitulus</i> ERICHSON 1840	Hormozgan (Bandar Lengeh), Khuzestan (Shadegan)	SCHEERPELTZ (1960b, 1961a), JARRIGE (1971), HERMAN (2001), SMETANA (2004)
<i>Eppelsheimius miricollis</i> (FAUVEL 1898)	Lurt Belouchab?	JARRIGE (1971), HERMAN (1983, 2001), SMETANA (2004)
<i>Eppelsheimius pirazzolii</i> (EPPELSHEIM 1885)	Kerman, Hormozgan (Minab), Lurt Belouchab?, Markazi? [Arak? (=Sultanabad)]	SCHEERPELTZ (1958b), JARRIGE (1971), HERMAN (1983, 2001), KASHCHEEV (1988), SMETANA (2004); Syn: <i>E. persicus</i> SCHEERPELTZ 1958; <i>Eugenius ferrugineus</i> KASHCHEEV 1988; <i>Eugenius zarudnyi</i> KASHCHEEV 1988
Tribe Coprophilini HEER 1839		
<i>Coprophilus pennifer</i> (MOTSCHULSKY 1845)	Not cited	SCHEERPELTZ (1960a, 1963a), HERMAN (2001), SMETANA (2004); Syn: <i>C. sellula</i> KRAATZ 1857; <i>C. lateralis</i> Fauvel 1875
<i>Coprophilus rufipennis</i> (REITTER 1894)	Not cited	SMETANA (2004)
Tribe Deleasterini REITTER 1909		
<i>Deleaster dichrous</i> (GRAVENHORST 1802)	Not cited	HORION (1963), HERMAN (2001), SMETANA (1967, 2004); Syn: <i>Lesteva leachii</i> CURTIS 1830
Tribe Oxytelini FLEMING 1821		
<i>Anotylus complanatus</i> (ERICHSON 1839)	Not cited	FAUVEL (1872), SCHEERPELTZ (1962), HORION (1963), HERMAN (2001), SMETANA (2004)
<i>Anotylus hybridus</i> (EPPELSHEIM 1878)	Not cited	SMETANA (2004)
<i>Anotylus intricatus</i> (ERICHSON 1840)	Mazandaran	FAUVEL (1872), SCHEERPELTZ (1962), HORION (1963), HERMAN (2001), SMETANA (2004), ANLAŞ & NEWTON (present paper)

Taxon	Provinces and/or Localities	References & Comments
<i>Anotylus inustus</i> (GRAVENHORST 1806)	East or West Azarbaijan (Shagali?)	FAUVEL (1872), HORION (1963), JARRIGE (1971), HERMAN (2001), SMETANA (2004)
<i>Anotylus luridipennis</i> (LUZE 1904)	Isfahan	SCHEERPELTZ (1960a), JARRIGE (1971), HERMAN (2001), SMETANA (2004)
<i>Anotylus nitidulus</i> (GRAVENHORST 1802)	Golestan (Gorgan)	FAUVEL (1872), SCHEERPELTZ (1960a, 1963a), JARRIGE (1971), HERMAN (2001), SMETANA (2004)
<i>Anotylus pumilus</i> (ERICHSON 1839)	Not cited	FAUVEL (1872), SCHEERPELTZ (1962), HORION (1963), HERMAN (2001), SMETANA (2004)
<i>Anotylus sculpturatus</i> (GRAVENHORST 1806)	Gilan (Assalem), Hormozgan (Bandar Langeh), Khorasan (Bojnurd)	FAUVEL (1872), JARRIGE (1971), HERMAN (2001), SMETANA (2004)
<i>Anotylus sexualis</i> (EPPELSHEIM 1892)	Not cited	SCHEERPELTZ (1962, 1963a), HERMAN (2001), SMETANA (2004)
<i>Anotylus speculifrons</i> (KRAATZ 1857)	Not cited	FAUVEL (1872), HERMAN (2001)
<i>Anotylus tetracarınatus</i> (BLOCK 1799)	Tehran	FAUVEL (1872), HERMAN (2001), ANLAŞ & NEWTON (present paper)
<i>Carpelımus anthracınus</i> (MULSANT & REY 1861)	Kerman (Anbar-Abad, Djiroft), Khuzestan [Shush (=Susa)]	SCHEERPELTZ (1961a), GILDENKOV (2001b), HERMAN (2001), SMETANA (2004)
<i>Carpelımus bilineatus</i> STEPHENS 1834	Fars (Persepolis)	FAUVEL (1871), HERMAN (2001), SMETANA (2004), GILDENKOV (2009a)
<i>Carpelımus corticınus</i> (GRAVENHORST 1806)	Kerman (Anbar-Abad and [(Djiroft (=Jiroft)], Khuzestan (Shadegan) and Northeastern Iran (Ostium fl. Atrek)	SCHEERPELTZ (1961a), GILDENKOV (2001a), HERMAN (2001); Syn: <i>Trogophloeus fulvipennis</i> FAUVEL 1863
<i>Carpelımus despectus</i> <i>despectus</i> (BAUDI DI SELVE 1870)	Khuzestan (Shadegan)	SCHEERPELTZ (1961a), HERMAN (2001), SMETANA (2004)
<i>Carpelımus exıguus</i> (ERICHSON 1839)	Not cited	SMETANA (2004)
<i>Carpelımus gracılıs</i> (MANNERHEIM 1830)	Not cited	SMETANA (2004)
<i>Carpelımus gusarovı</i> GILDENKOV 1997	Hadji-Nefes?, Northeast Iran	GILDENKOV (2001a)
<i>Carpelımus insularıs</i> (KRAATZ 1858)	Gilan, Mazandaran (Chalus)	JARRIGE (1971), GILDENKOV (2001a), SMETANA (2004); Syn: <i>Trogophloeus nıgrıta</i> of authors, not WOLLASTON 1857 (misidentification)
<i>Carpelımus iranıensıs</i> HERMAN 1970	Khuzestan (Shadegan, Shush)	GILDENKOV (2001a), SCHEERPELTZ (1961a), HERMAN (1970, 2001), SMETANA (2004); Syn: <i>Trogophloeus</i> <i>rıchterı</i> SCHEERPELTZ 1961 (preoccupied)
<i>Carpelımus nıtıdus</i> (BAUDI DI SELVE 1848)	Not cited	COIFFAIT (1981a), SMETANA (2004)

Taxon	Provinces and/or Localities	References & Comments
<i>Carpelimus obesus</i> (KIESENWETTER 1844)	Kerman (Anbar-Abad), Khuzestan [Shush (=Susa)], Caspu?	SCHEERPELTZ (1961a), GILDENKOV (2001a), HERMAN (2001), SMETANA (2004)
<i>Carpelimus pusillus</i> (GRAVENHORST 1802)	Not cited	SMETANA (2004)
<i>Carpelimus simplex</i> (MOTSCHULSKY 1857)	No locality cited (Southeast Iran)	SCHEERPELTZ (1960b), HERMAN (2001), SMETANA (2004)
<i>Carpelimus simplicicollis</i> <i>simplicicollis</i> (WOLLASTON 1857)	Khuzestan	GILDENKOV (2009b)
<i>Carpelimus tener</i> (BERNHAEUER 1902)	Hormozgan (Minab)	JARRIGE (1971), HERMAN (2001), SMETANA (2004), GILDENKOV (2009a)
<i>Carpelimus transversicollis</i> (SCHEERPELTZ 1947)	Northeast Iran (Atrek River)	GILDENKOV (2001a)
<i>Carpelimus troglodytes</i> <i>troglodytes</i> (ERICHSON 1840)	Kerman (Anbar-Abad, Djiroft), Khuzestan (Shadegan)	SCHEERPELTZ (1961a), HERMAN (2001), SMETANA (2004)
<i>Oxytelus incisus</i> MOTSCHULSKY 1858	Hormozgan (Minab)	FAUVEL (1872), JARRIGE (1971), HERMAN (2001); Syn: <i>O. ferrugineus</i> KRAATZ 1859
<i>Oxytelus piceus</i> (LINNAEUS 1767)	Gilan (Assalem), Mazandaran (Chalus)	JARRIGE (1971), HERMAN (2001)
<i>Oxytelus sculptus</i> GRAVENHORST 1806	Tehran	FAUVEL (1872), BOHÁČ (1981), HERMAN (2001)
<i>Platystethus arenarius</i> (GEOFFROY 1785)	Mazandaran (Kalardasht)	JARRIGE (1971), HERMAN (2001), SMETANA (2004)
<i>Platystethus capito capito</i> HEER 1839	Not cited	SMETANA (2004)
<i>Platystethus cornutus</i> <i>cornutus</i> (GRAVENHORST 1802)	Kordestan (Karan) and no locality cited (North Iran)	KOLENATI (1846), FAUVEL (1872), SCHEERPELTZ (1960a, 1963a), JARRIGE (1971), HERMAN (2001), SMETANA (2004); Syn: <i>P. maxillosus</i> PEYRON 1858; <i>P. pallidipennis</i> BERNHAEUER 1906 (preoccupied)
<i>Platystethus degener</i> (MULSANT & REY 1878)	Fars	SCHÜLKE (2009)
<i>Platystethus nitens</i> (C. R. SAHLBERG 1832)	Not cited	FAUVEL (1872), HERMAN (2001), SMETANA (2004); Syn: <i>P. laevigatus</i> FIORI 1915
<i>Platystethus rufospinus</i> HOCHHUTH 1851	Not cited	FAUVEL (1872), HERMAN (2001), SMETANA (2004)
<i>Platystethus spinosus</i> ERICHSON 1840	Not cited	FAUVEL (1872), SCHEERPELTZ (1955), HORION (1963), HERMAN (2001), SMETANA (2004)
<i>Thinobius brindini</i> SCHEERPELTZ 1959	Not cited	SMETANA (2004)
<i>Thinobius nodicornis</i> EPPELSHEIM 1884	Not cited	SMETANA (2004)
<i>Thinodromus arcuatus</i> (STEPHENS 1834)	West Azarbaijan	HORION (1963), HERMAN (2001), SMETANA (2004)
<i>Thinodromus coloripennis</i> (SCHEERPELTZ 1963)	Khorasan (Copetdag, Shah- Shah?)	GILDENKOV (2001b), SMETANA (2004); Syn: <i>Trogophloeus wittmeri</i> COIFFAIT 1979

Taxon	Provinces and/or Localities	References & Comments
<i>Thinodromus dilatatus</i> (ERICHSON 1839)	Not cited	SMETANA (2004)
<i>Thinodromus mannerheimii</i> (KOLENATI 1846)	Not cited	SMETANA (2004)
<i>Thinodromus pilosellus</i> (EPPELSHEIM 1890)	Kisum?	GILDENKOV (2001b), SMETANA (2004)
8. Subfamily Scaphidiinae LATREILLE 1807 Tribe Scaphisomatini CASEY 1894		
<i>Baeocera schirmeri</i> REITTER 1881	Not cited	LÖBL (2004)
<i>Scaphisoma assimile assimile</i> ERICHSON 1845	Not cited	LÖBL (2004)
<i>Scaphisoma boleti dilutum</i> REITTER 1885	Not cited	LÖBL (2004)
<i>Scaphisoma laeviusculum</i> REITTER 1898	Gilan, Golestan	LÖBL (1970, 2004)
<i>Scaphisoma subalpinum subalpinum</i> REITTER 1881	Not cited	LÖBL (1970, 2004)
Staphylinine Group 9. Subfamily Oxyporinae FLEMING 1821		
<i>Oxyporus rufus rufus</i> (LINNAEUS 1758)	Not cited	BERNHAEUER (1923), HERMAN (2001); Syn: <i>O. minarzi</i> BERNHAEUER 1923
10. Subfamily Scydmaeninae LEACH 1815 Supertribe Mastigitae FLEMING 1821 Tribe Leptomastacini CASEY 1897		
<i>Leptomastax hyrcana</i> CASTELLINI 1996	Mazandaran (Calus, Nowshahr)	CASTELLINI (1996), VÍT (2004); Endemic
Supertribe Scydmaenitae LEACH 1815 Tribe Chevrolatiini REITTER 1882		
<i>Chevrolatia egregia</i> REITTER 1881	Tehran (Agha Baba)	OROUSSET (2008)
Tribe Cyrtoscydmini SCHAUFUSS 1889		
<i>Euconnus goleanus</i> FRANZ 1981	Golestan (Gole lovae)	FRANZ (1981), DAVIES (2004); Endemic
11. Subfamily Steninae MACLEAY 1825		
<i>Stenus aereus</i> SOLSKY 1871	East or West Azarbajjan (Bahreman?)	PUTHZ (1970), RYVKIN (1990), HERMAN (2001), SMETANA (2004)
<i>Stenus alienigenus</i> PUTHZ 1964	Kerman	PUTHZ (2006); Syn: <i>S. mendicus alienigenus</i> PUTHZ 1964
<i>Stenus arabicus</i> SAULCY 1865	Not cited	SMETANA (2004)
<i>Stenus araxis</i> RYVKIN 1990	Not cited	SMETANA (2004)
<i>Stenus armeniacus</i> PUTHZ 1967	Markazi (Arak)	PUTHZ (1973), HERMAN (2001), SMETANA (2004)
<i>Stenus asiaticus</i> BERNHAEUER 1940	Gilan (Rasht), Mazandaran (Elburz, Gazanak, Haraz Chay)	BERNHAEUER (1940), JARRIGE (1971), PUTHZ (1979b), RYVKIN (1990), SMETANA (2004); According to HERMAN (2001), JARRIGE (1971) cited as <i>S. longipes</i> HEER 1839 – misidentification
<i>Stenus assequens assequens</i> REY 1884	Gilan (Nav Valley)	PUTHZ (1977); Syn: <i>S. pusio</i> CASEY 1884; <i>S. simillimus</i> L. BENICK 1949

Taxon	Provinces and/or Localities	References & Comments
<i>Stenus ater</i> MANNERHEIM 1830	Not cited	SMETANA (2004)
<i>Stenus atratulus</i> ERICHSON 1839	Not cited	SMETANA (2004)
<i>Stenus barbarae</i> HROMÁDKA 1979	Gilan [Pareh-Sar, Hashtpar (=Talesh)], Tehran	HROMÁDKA (1979), PUTHZ (1979b, 1980b), BOHÁČ (1980), RYVKIN (1990), HERMAN (2001), SMETANA (2004); Syn: <i>S. hromadkai</i> PUTHZ 1979; Endemic
<i>Stenus bidenticulatus</i> PUTHZ 1970	Not cited	HERMAN (2001), SMETANA (2004)
<i>Stenus brunnipes brunnipes</i> STEPHENS 1833	Khorasan, Mazandaran (Sari), Karaaghaj?	PUTHZ (2001), SMETANA (2004)
<i>Stenus callidus</i> BAUDI DI SELVE 1848	Chahar Mahal Bakhtiari, East or West Azarbaijan, Fars, Gilan, Hamadan, Ilam, Isfahan, Kermanshah, Khuzestan, Kordestan, Kuhkuloeyh Boyer Ahmad, Lorestan, Mazandaran, Tehran	SMETANA (2004), PUTHZ (2008); Syn: <i>S. libertas</i> HROMÁDKA 1990
<i>Stenus caspius</i> PUTHZ 1972	Gilan [Talysh Mts., Hashtpar (=Talesh)]	BOHÁČ (1980), HERMAN (2001)
<i>Stenus claritarsis</i> PUTHZ 1971	Not cited	SMETANA (2004)
<i>Stenus confrater</i> EPPELSHEIM 1890	Gilan [Talysh Mts., Hashtpar (=Talesh)]	PUTHZ (1972b), RYVKIN (1990), HERMAN (2001), SMETANA (2004), PUTHZ (2009)
<i>Stenus cordatoides</i> PUTHZ 1972	Not cited	PUTHZ (1972b), HERMAN (2001)
<i>Stenus darius</i> PUTHZ 2009	Gilan	PUTHZ (2009); Endemic
<i>Stenus derwisch</i> PUTHZ 1981	Gilan (Lunak)	PUTHZ (1981), RYVKIN (1990), HERMAN (2001), SMETANA (2004), PUTHZ (2009); Endemic
<i>Stenus erythrocnemus</i> EPPELSHEIM 1884	Fars, Gilan, Ilam, Kerman, Kermanshah, Khuzestan (Hoseiniyeh), Kuhkuloeyh Boyer Ahmad, Tehran and Transhar? (South East Iran), Pulur? (Elburz)	PUTHZ (1970), RYVKIN (1990), HERMAN (2001), SMETANA (2004), ASSING (2005e)
<i>Stenus fornicatus</i> STEPHENS 1833	Not cited	SMETANA (2004)
<i>Stenus ganglbaueri</i> BERNHAUER 1905	Mazandaran	PUTHZ (1972a, 1983), RYVKIN (1990), HERMAN (2001), SMETANA (2004)
<i>Stenus guilanensis</i> PUTHZ 1979	Gilan (Lahidjan)	PUTHZ (1979a), RYVKIN (1990), HERMAN (2001), SMETANA (2004); Endemic
<i>Stenus guttula</i> P. MÜLLER 1821	Sistan Baluchestan (Iranshahr)	SCHEERPELTZ (1961a)
<i>Stenus heinzianus</i> PUTHZ 1970	Gilan (West of Elburz, Khara-pu, Assalem), Mazandaran	PUTHZ (1970, 1973, 1983), RYVKIN (1990), HERMAN (2001), SMETANA (2004)

Taxon	Provinces and/or Localities	References & Comments
<i>Stenus ignotus</i> EPPELSHEIM 1890	Not cited	SMETANA (2004)
<i>Stenus incrassatus</i> ERICHSON 1839	Not cited	SMETANA (2004)
<i>Stenus kambyses</i> PUTHZ 2009	Gilan	PUTHZ (2009); Endemic
<i>Stenus latifrons</i> ERICHSON 1839	Not cited	SMETANA (2004)
<i>Stenus limicola</i> KORGE 1967	Not cited	SMETANA (2004)
<i>Stenus martensi</i> PUTHZ 1983	Mazandaran	PUTHZ (1983, 2009), RYVKIN (1990), HERMAN (2001), SMETANA (2004); Endemic
<i>Stenus medus</i> PUTHZ 1981	East Azarbaijan, Gilan, Tehran	PUTHZ (1981), RYVKIN (1990), HERMAN (2001), SMETANA (2004)
<i>Stenus melanarius melanarius</i> STEPHENS 1833	Not cited	HERMAN (2001), SMETANA (2004)
<i>Stenus melanopus</i> MARSHAM 1802	Not cited	FAUVEL (1873), HERMAN (2001), SMETANA (2004)
<i>Stenus mongolicus</i> EPPELSHEIM 1889	Khorasan	PUTHZ (1980a, 2009), HERMAN (2001), SMETANA (2004); Syn: <i>S. auliensis</i> BERNHAUER 1920
<i>Stenus nodipes</i> PUTHZ 1972	Ilam, Kermanshah, Kordestan (Marivan)	PUTHZ (2009); Syn: <i>S. manegordensis</i> PUTHZ 1981; <i>S. korgei</i> PUTHZ 1979; <i>Stenus korgei manegordensis</i> PUTHZ 1981; <i>Stenus parnassianus</i> PUTHZ 1980
<i>Stenus ochropus</i> KIESENWETTER 1858	East Azarbaijan (Arasbaran)	PUTHZ (1983), RYVKIN (1990), HERMAN (2001), SMETANA (2004); Syn: <i>S. erichsoni</i> RYE 1864; <i>S. longelytratus</i> BERNHAUER 1900; <i>S. methkovichensis</i> BERNHAUER 1936
<i>Stenus orientis</i> PUTHZ 1967	Fars, Kermanshah, Khuzestan	PUTHZ (2006); Syn: <i>S. mendicus orientis</i> PUTHZ 1967
<i>Stenus pallitarsis</i> STEPHENS 1833	Gilan (Rasht)	JARRIGE (1971), HERMAN (2001)
<i>Stenus parciior</i> BERNHAUER 1929	Lorestan	PUTHZ (2008); Syn: <i>S. parciior limonensis</i> FAGEL 1958
<i>Stenus peripherus</i> KORGE 1971	Gilan	PUTHZ (2008); Syn: <i>S. melanarius peripherus</i> KORGE 1971
<i>Stenus persicus</i> PUTHZ 1981	East Azarbaijan, Kermanshah	PUTHZ (1981), RYVKIN (1990), HERMAN (2001); Endemic
<i>Stenus pieperi</i> PUTHZ 1983	Mazandaran (Elburz Gebirge, near Alamdeh)	PUTHZ (1983, 2009), RYVKIN (1990), HERMAN (2001), SMETANA (2004); Endemic
<i>Stenus piscator</i> SAULCY 1865	Not cited	SMETANA (2004)
<i>Stenus planifrons robustus</i> L. BENICK 1914	Not cited	RYVKIN (1990), HERMAN (2001), SMETANA (2004)
<i>Stenus proprius</i> L. BENICK 1921	Khorasan (Mashhad)	PUTHZ (1972b, 2003), SMETANA (2004)
<i>Stenus resslis</i> PUTHZ 1979	Mazandaran (Chalus, Novshar)	PUTHZ (1979a, 2009), RYVKIN (1990), HERMAN (2001), SMETANA (2004); Endemic
<i>Stenus schah</i> PUTHZ 1981	Fars, Lorestan, Tehran	PUTHZ (1981), RYVKIN (1990), HERMAN (2001), SMETANA (2004); Endemic

Taxon	Provinces and/or Localities	References & Comments
<i>Stenus similis</i> (HERBST 1784)	Not cited	MÉNÉTRIÉS (1832), HERMAN (2001), SMETANA (2004); Syn: <i>S. oculatus</i> GRAVENHORST 1802
<i>Stenus skoraszewskyi</i> KORGE 1971	Not cited	SMETANA (2004)
<i>Stenus turk</i> PUTHZ 1972	Not cited	RYVKIN (1990), HERMAN (2001), SMETANA (2004)
<i>Stenus viti</i> PUTHZ 1977	Gilan (Nav Valley)	PUTHZ (1977), RYVKIN (1990), HERMAN (2001), SMETANA (2004); Endemic
<i>Stenus wittmeri</i> PUTHZ 1972	Golestan [Gole, Lovae (=Gole-Loweh)]	PUTHZ (1972b), RYVKIN (1990), HERMAN (2001), SMETANA (2004); Endemic
<i>Stenus xerxes</i> PUTHZ 2009	Mazandaran	PUTHZ (2009); Endemic
12. Subfamily Paederinae FLEMING 1821		
Tribe Paederini FLEMING 1821		
Subtribe Astenina HATCH 1957		
<i>Astenus gracilis</i> (PAYKULL 1789)	Not cited	SMETANA (2004)
<i>Astenus indicus</i> (KRAATZ 1859)	Not cited	SCHEERPELTZ (1963b)
<i>Astenus klapperichi</i> COIFFAIT 1980	Mazandaran (Massif de Elburz, Abu Ask)	COIFFAIT (1980, 1984), SMETANA (2004); Endemic
<i>Astenus lithocharoides</i> (SOLSKY 1874)	Kordestan (Akinlou) and no locality cited (North Iran)	FAUVEL (1900), SCHEERPELTZ (1963a), COIFFAIT (1971b, 1984), JARRIGE (1971), SMETANA (2004); Syn: <i>A. notatus</i> FAUVEL 1900
<i>Astenus melanurus</i> (KÜSTER 1853)	Hormozgan (Minab), Kerman (Anbar-Abad, Djiroft), Mazandaran	SCHEERPELTZ (1961a), COIFFAIT (1971b, 1984), JARRIGE (1971), SMETANA (2004), ANLAŞ & NEWTON (present paper)
<i>Astenus morvani</i> JARRIGE 1971	Mazandaran (Demavent) and no locality cited (border Armenia or Azerbaijan)	JARRIGE (1971), COIFFAIT (1984), SMETANA (2004)
<i>Astenus pictipennis</i> FAUVEL 1900	Kordestan (Akinlou) and no locality cited (North and Central Iran)	FAUVEL (1900), SCHEERPELTZ (1963a), COIFFAIT (1971b, 1984), JARRIGE (1971), SMETANA (2004)
<i>Astenus theodoridesi</i> JARRIGE 1971	Kordestan (Akinlou)	JARRIGE (1971), COIFFAIT (1984), SMETANA (2004); Endemic
<i>Astenus thoracicus</i> (BAUDI DI SELVE 1857)	Mazandaran	ANLAŞ & NEWTON (present paper); Syn: <i>Sunius subnitidus</i> KRAATZ 1858
Subtribe Cryptobiina CASEY 1905		
<i>Afrobium arabicum</i> ASSING 2008	Hormozgan	ASSING (2008c)
<i>Homaeotarsus chaudiarii</i> HOCHHUTH 1851	Not cited	SMETANA (2004)
<i>Homaeotarsus iranoturcestanicus</i> (SCHEERPELTZ 1956)	Gilan (Rasht), Sistan Baluchestan (Iranshahr)	SCHEERPELTZ (1961a, 1963a), JARRIGE (1971), SMETANA (2004)
<i>Ochtheophilum besucheti</i> (BORDONI 1980)	Mazandaran	ASSING (2009c)

Taxon	Provinces and/or Localities	References & Comments
<i>Ochthephilum fracticorne</i> (PAYKULL 1800)	East Azarbaijan, Khuzestan (Shadegan)	SCHEERPELTZ (1961a), SMETANA (2004)
<i>Ochthephilum permutatum</i> ASSING 2009	Gilan	ASSING (2009c)
<i>Ochthephilum turkestanicum</i> (KORGE 1968)	East Azerbaijan (=Azarbaijan-e Sharqi), Fars, Golestan, Hormozgan, Khorasan, Semnan	COIFFAIT (1984), SMETANA (2004), ASSING (2007e, 2008f, 2009c)
Subtribe Dolicaonina CASEY 1905		
<i>Leptobium convexicolle</i> ASSING 2009	Mazandaran	ASSING (2009g); Endemic
<i>Leptobium gracile</i> (GRAVENHORST 1802)	Ardabil, Fars (Shiraz), Khuzestan (Shadegan)	SCHEERPELTZ (1961a), COIFFAIT (1982), SMETANA (2004), ASSING (2005b, 2009a); Syn: <i>Dolicoaon truquii</i> SAULCY 1865; <i>D. analis</i> REITTER 1902; <i>D. winkleri</i> KOCH 1937
<i>Leptobium illyricum</i> (ERICHSON 1840)	East Azarbaijan	SMETANA (2004), ASSING (2005b, 2009a)
Subtribe Lathrobiina LAPORTE 1835		
<i>Achenium debile</i> ERICHSON 1840	Hormozgan (Bandar Lengeh)	JARRIGE (1971), COIFFAIT (1982), SMETANA (2004)
<i>Achenium iranicum</i> COIFFAIT 1982	Sistan Baluchestan (Bahu Kalat river)	COIFFAIT (1982), SMETANA (2004); Endemic
<i>Achenium khuzestanicum</i> BOHÁČ 1981	Khuzestan (Dezfoul, Haft-tapeh; Ahvaz Mollasani)	BOHÁČ (1981), COIFFAIT (1982), SMETANA (2004); Endemic
<i>Achenium meridionale</i> COIFFAIT 1982	Kerman? (Bazan)	COIFFAIT (1982), SMETANA (2004); Endemic
<i>Achenium mesopotamicum</i> COIFFAIT 1971	Not cited	COIFFAIT (1971a, 1982), SMETANA (2004)
<i>Achenium persicum</i> COIFFAIT 1972	Kerman	COIFFAIT (1972b, 1982), SMETANA (2004); Endemic
<i>Achenium picinum</i> FAUVEL 1875	Not cited	SCHEERPELTZ (1961c)
<i>Achenium planum</i> ERICHSON 1840	Not cited	COIFFAIT (1982), SMETANA (2004)
<i>Achenium quadriceps</i> EPPELSHEIM 1889	Not cited	SCHEERPELTZ (1961b, 1963a)
<i>Achenium richteri</i> SCHEERPELTZ 1961	Fars, Hormozgan (Minab), Kerman (Anbar-Abad, Djiroft), Khuzestan [Shush (=Susa)]	SCHEERPELTZ (1961a), JARRIGE (1971), COIFFAIT (1982), SMETANA (2004); Endemic
<i>Domene stilicina</i> (ERICHSON 1840)	Chahar-Mahal Bakhtiari, Fars, Isfahan, Mazandaran	ASSING (2007e), ANLAŞ & NEWTON (present paper)
<i>Lathrobium caspicum</i> KOCH 1938	Gilan, Mazandaran	KOCH (1938), SMETANA (2004), ASSING (2008f, 2009i)
<i>Lathrobium castaneipenne</i> KOLENATI 1846	Not cited	SMETANA (2004)
<i>Lathrobium fulvipenne</i> (GRAVENHORST 1806)	Ardabil	HORION (1965), COIFFAIT (1982), SMETANA (2004), ASSING (2007e)
<i>Lathrobium furcatum</i> CZWALINA 1888	Not cited	HORION (1965), COIFFAIT (1982), SMETANA (2004), ASSING (2009i)
<i>Lathrobium impressifrons</i> EPPELSHEIM 1884	Gilan, Mazandaran	ASSING (2007e, 2009h)

Taxon	Provinces and/or Localities	References & Comments
<i>Lathrobium kuntzeni</i> KOCH 1939	Not cited	KOCH (1939), SMETANA (2004), ASSING (2008f)
<i>Lathrobium serriae</i> ASSING 2007	Khorasan	ASSING (2007e); Endemic
<i>Lobrathium farsicum</i> ASSING 2007	Fars, Hormozgan	ASSING (2007f); Endemic
<i>Micrillus testaceus</i> (ERICHSON 1840)	Mazandaran	ANLAŞ & NEWTON (present paper)
<i>Platydomene stoeckleini</i> (KOCH 1937)	Fars, Strand?	ASSING (2003, 2007e)
<i>Pseudobium anatolicum</i> ASSING 2006	Fars	ASSING (2007c)
<i>Pseudobium cypriacum</i> JARRIGE 1949	Chahar-Mahal Bakhtiari East Azerbaijan, Fars	ASSING (2007c)
<i>Pseudobium iranicum</i> BOHÁČ 1988	Tehran (Garsár), Fars, Khorasan	BOHÁČ (1988), SMETANA (2004) ASSING (2007c, e); Endemic
<i>Pseudobium richteri</i> (SCHEERPELTZ 1961)	Hormozgan, Sistan Baluchestan	SCHEERPELTZ (1961a), COIFFAIT (1984), SMETANA (2004) ASSING (2007c)
<i>Scymbalium anale</i> (NORDMANN 1837)	Mazandaran	ANLAŞ & NEWTON (present paper)
<i>Tetartopeus persicus</i> COIFFAIT 1972	No locality cited ("Perse")	COIFFAIT (1972b, 1982), BORDONI (1982), SMETANA (2004), ASSING (2008f), ANLAŞ (2009a)
<i>Tetartopeus styliifer</i> (REITTER 1909)	East Azerbaijan, Fars, Gilan, Isfahan, Kerman, Mazandaran, Zanzan	ASSING (2004c, 2007e, 2009i)
<i>Throbalium iranicum</i> SCHEERPELTZ 1961	Hormozgan (Minab), Khuzestan (Shedagan)	SCHEERPELTZ (1961a), JARRIGE (1971), BORDONI (1982), COIFFAIT (1982), SMETANA (2004); Endemic
Subtribe Medonina CASEY 1905		
<i>Hypomedon debilicornis</i> (WOLLASTON 1857)	Not cited	SMETANA (2004)
<i>Lithocharis fontinalis</i> (PEYERIMHOFF 1929)	Hormozgan (Minab)	JARRIGE (1971)
<i>Lithocharis mateui</i> COIFFAIT 1968	Hormozgan	ASSING (2007e)
<i>Lithocharis ochracea</i> (GRAVENHORST 1802)	Tehran	BOHÁČ (1981)
<i>Luzea infirma</i> (ERICHSON 1840)	Not cited	SCHEERPELTZ (1960a)
<i>Luzea nigrifida</i> (ERICHSON 1840)	Not cited	COIFFAIT (1984), SMETANA (2004); Syn: <i>Lithocharis graeca</i> KRAATZ 1857
<i>Medon frischi</i> ASSING 2005	Chahar-Mahal Bakhtiari	ASSING (2005a, 2007d); Endemic
<i>Medon fusculoides</i> COIFFAIT 1970	Chahar-Mahal Bakhtiari, East Azerbaijan, Fars, Isfahan, Lorestan, Kerman, Kermanshah, Yazd (Ardekan), Khaneh?	ASSING (2004b, 2005a, 2006a, 2007d, 2007g, 2009h); Syn: <i>M. amidanum</i> BORDONI 1978
<i>Medon fusculus</i> (MANNERHEIM 1830)	Tehran	ANLAŞ & NEWTON (present paper)
<i>Medon maronitus</i> (SAULCY 1865)	East Azerbaijan, Gilan, Golestan	ASSING (2004b, 2007d, 2009h); Syn: <i>M. alexandrinum</i> BORDONI 1980

Taxon	Provinces and/or Localities	References & Comments
<i>Medon paradisiacus</i> ASSING 2004	East Azerbaijan, Tehran	ASSING (2007d)
<i>Medon semiobscurus</i> (FAUVEL 1875)	Gilan and no locality cited (Central Iran)	ASSING (2006a); Syn: <i>M. clambus</i> FAGEL 1969
<i>Medon serriae</i> ASSING 2007	Hormozgan	ASSING (2007d, g, 2009h); Endemic
<i>Medon sparsiventris</i> EPPELSHEIM 1889	Gilan, Golestan [Gole, Lovae (=Gole-Loweh)], Mazandaran	BERNHAEUER (1923), SCHEERPELTZ (1958a), COIFFAIT (1970, 1976), SCHÜLKE (1989a), SMETANA (2004), ASSING (2004b, 2005a, 2009h); Syn: <i>M. kopetdaghi</i> GUSAROV 1995; <i>M. frater</i> BERNHAEUER 1923; <i>M. wittmeri</i> COIFFAIT 1976
<i>Pseudomedon dido</i> (SAULCY 1865)	Fars	ASSING (2009e)
<i>Pseudomedon obscurellus</i> (ERICHSON 1840)	Golestan, Mazandaran, Semnan, Tehran	ASSING (2009e); Syn: <i>Scymbalium minimum</i> EPPELSHEIM 1888
<i>Pseudomedon obsoletus</i> (NORDMANN 1837)	Mazandaran	SMETANA (2004)
<i>Sunius adanensis</i> (LOKAY 1919)	Kuhkuloyeh Boyer Ahmad, Lorestan	ASSING (2006b); Syn: <i>Hypomedon phasianum</i> BORDONI 1980
<i>Sunius fulgocephalus</i> (COIFFAIT 1970)	East Azerbaijan, Gilan, Golestan, Khorasan, Mazandaran, Semnan, Tehran	ASSING (2008a)
<i>Sunius iranicus</i> ASSING 2002	Fars, Kerman, Kuhkuloyeh Boyer Ahmad	ASSING (2002, 2008a); Endemic
<i>Sunius khnzoriani</i> (COIFFAIT 1970)	Isfahan, Mazandaran	ASSING (2008a); Syn: <i>S. dolabrifer</i> ASSING 2001
<i>Sunius melanocephalus</i> (FABRICIUS 1793)	Mazandaran	SMETANA (2004), ASSING (2008a); Syn: <i>S. anatolicus</i> ASSING 1995
<i>Sunius picinus</i> (BERNHAEUER 1902)	No locality cited (North Iran)	SCHEERPELTZ (1963a); Syn: <i>Medon picinus</i> BERNHAEUER 1902
<i>Sunius praecisus</i> ASSING 2007	Khorasan	ASSING (2008a, 2008d)
Subtribe Paederina FLEMING 1821		
<i>Paederidus albipilis</i> (SOLSKY 1871)	No locality cited (North East Iran)	SCHEERPELTZ (1960a, 1961c, 1963a)
<i>Paederidus ruficollis</i> (FABRICIUS 1777)	Not cited	SMETANA (2004)
<i>Paederus balachowskyi</i> (JARRIGE 1971)	Sistan Baluchestan (Chah-Bahar, Iranshahr)	JARRIGE (1971), COIFFAIT (1982), SMETANA (2004), LI & ZHOU (2008)
<i>Paederus balcanicus</i> KOCH 1938	Mazandaran (Noor, Caspian Sea shore)	TIRGARI & NIKBAKHTZADEH (2002), NIKBAKHTZADEH & TIRGARI (2008); Syn: <i>P. trapeziceps</i> SCHEERPELTZ 1957
<i>Paederus fuscipes fuscipes</i> CURTIS 1826	Fars, Gilan (Assalem, Bandar Pahlavi, Rasht), Golestan (Gorgan), Hormozgan (Minab), Kerman (Anbar-Abad, Djiroft), Khuzestan Mazandaran, Zanjan	SCHEERPELTZ (1961a), JARRIGE (1971), BOHÁČ (1981), NIKBAKHTZADEH & SADEGHIANI (1999), TIRGARI & NIKBAKHTZADEH (2002), ZARGARI et al. (2003), SMETANA (2004), NIKBAKHTZADEH & TIRGARI (1999, 2008), ANLAŞ &

Taxon	Provinces and/or Localities	References & Comments
		NEWTON (present paper); Syn: <i>P. longipennis</i> ERICHSON 1839; <i>P. fuscipes peregrinus</i> ERICHSON 1840; <i>P. iliensis</i> COIFFAIT 1970; <i>P. kalalovae</i> ROUBAL 1932
<i>Paederus littoralis ilsae</i> BERNHAEUER 1932	Ardabil, Fars, Gilan (Assalem, Chamkhaleh Caspian Sea shore), Kerman (Anbar-Abad, Djiroft), Kordestan (Akinlou), Mazandaran	SCHEERPELTZ (1957, 1961a, 1963a), JARRIGE (1971), COIFFAIT (1982), NIKBAKHTZADEH & SADEGHIANI (1999), TIRGARI & NIKBAKHTZADEH (2002), ZARGARI et al. (2003), SMETANA (2004), NIKBAKHTZADEH & TIRGARI (1999, 2008); Syn: <i>P. lenkoranus</i> SCHEERPELTZ 1957
<i>Paederus mesopotamicus</i> EPPELSHEIM 1889	Kordestan	SMETANA (2004), LI & ZHOU (2008)
<i>Paederus nigricornis</i> BERNHAEUER 1911	Sistan Baluchestan	NIKBAKHTZADEH & TIRGARI (2008); Syn: <i>P. basiventris</i> of authors, not BERNHAEUER 1933 (misidentification)
<i>Paederus riparius</i> (LINNAEUS 1758)	Gilan (Bandar Pahlavi)	JARRIGE (1971), ZARGARI et al. (2003), SMETANA (2004)
<i>Paederus tamulus</i> ERICHSON 1840	Sistan Baluchestan (Makran Khuran bei Putab)	SCHEERPELTZ (1961a), SMETANA (2004), LI & ZHOU (2008)
Subtribe Scopaeina MULSANT & REY 1878		
<i>Scopaeus azerbaijzhanus</i> GUSAROV 1994	Mazandaran, Tehran, Kishlybi?	GUSAROV (1994), FRISCH et al. (2002), FRISCH (2003, 2006a), SMETANA (2004)
<i>Scopaeus chalcodactylus</i> (KOLENATI 1846)	Ardabil, East Azerbaijan, Isfahan, Gilan, Golestan, Hamadan, Khorasan, Mazandaran, Semnan, Tehran	FRISCH (2006a, 2007a)
<i>Scopaeus debilis</i> HOCHHUTH 1851	Chahar-Mahal Bakhtiari, East Azerbaijan, Fars, Gilan, Hamadan, Khorasan, Tehran, Zanjan	FRISCH (1999a, 2006a), FRISCH et al. (2002), SMETANA (2004)
<i>Scopaeus ebneri</i> SCHEERPELTZ 1929	Chahar-Mahal Bakhtiari, Fars, Hamadan, Isfahan, Kermanshah, Kuhkuloeyeh Boyer Ahmad, Lorestan	FRISCH et al. (2002), FRISCH (2003, 2006a), SMETANA (2004)
<i>Scopaeus farsensis</i> FRISCH 2007	Fars	FRISCH (2007a); Endemic
<i>Scopaeus femursetosus</i> FRISCH 2006	Chahar-Mahal Bakhtiari, Fars, Isfahan, Hamadan, Kuhkuloeyeh Boyer Ahmad, Lorestan	FRISCH (2006a); Endemic
<i>Scopaeus filiformis</i> WOLLASTON 1867	Fars, Hormozgan, Kerman, Kerman (Anbar-Abad, Djiroft), Khuzestan, Sistan Baluchestan	SCHEERPELTZ (1961a), JARRIGE (1971), COIFFAIT (1984), FRISCH (1999a, 2006a), FRISCH et al. (2002); Syn: <i>S. richteri</i> SCHEERPELTZ 1961; <i>S. schaeuffelei</i> SCHEERPELTZ 1961
<i>Scopaeus gracilis</i> (SPERK 1835)	Chahar-Mahal Bakhtiari, East Azerbaijan Fars, Gilan,	SCHEERPELTZ (1970), FRISCH (1998, 2006a, 2007b), FRISCH et al. (2002),

Taxon	Provinces and/or Localities	References & Comments
	Golestan, Isfahan, Kerman, Kermanshah, Khorasan, Kuhkuloyeh Boyer Ahmad, Mazandaran, Tehran	SMETANA (2004); Syn: <i>S. koestlinianus</i> SCHEERPELTZ 1970
<i>Scopaeus hyrcanus</i> FRISCH 2006	Gilan, Golestan, Mazandaran	FRISCH (2006b); Endemic
<i>Scopaeus iranensis</i> FRISCH 2006	Kermanshah, Lorestan	FRISCH (2006a); Endemic
<i>Scopaeus khnזורiani</i> COIFFAIT 1968	Ardabil, Chahar-Mahal Bakhtiari, East Azerbaijan, Fars, Isfahan, Kermanshah Lorestan	FRISCH (2006a, 2009)
<i>Scopaeus kurdistanicoides</i> FRISCH 2002	Tehran	COIFFAIT (1984), FRISCH (2006a)
<i>Scopaeus kurdistanus</i> KORGE 1971	East Azerbaijan	KORGE (1971), FRISCH (1994, 2006a), FRISCH et al. (2002), SMETANA (2004)
<i>Scopaeus laevigatus</i> (GYLLENHAL 1827)	Not cited	SCHEERPELTZ (1961b)
<i>Scopaeus mutatus</i> GEMMINGER & HAROLD 1868	East Azerbaijan, Gilan, Golestan, Mazandaran, Khorasan, Semnan, Tehran	SCHEERPELTZ (1970), FRISCH et al. (2002), SMETANA (2004), FRISCH (2006a, 2009); Syn: <i>S. talyschensis</i> COIFFAIT 1968; <i>S. koestlini</i> SCHEERPELTZ 1970
<i>Scopaeus pakistanensis</i> FRISCH 2007	Sistan Baluchestan	FRISCH (2007b)
<i>Scopaeus persicus</i> FRISCH 1994	Chahar-Mahal Bakhtiari, Fars, Ghazvin (=Quavzin), Hamadan, Isfahan, Kermanshah, Kuhkuloyeh Boyer Ahmad, Lorestan	FRISCH (1994, 1999b, 2006a), FRISCH et al. (2002), SMETANA (2004); Endemic
<i>Scopaeus qohrudensis</i> FRISCH 2008	Isfahan, Yazd	FRISCH (2008); Endemic
<i>Scopaeus schillhammeri</i> FRISCH 1994	Tehran	FRISCH (1999b, 2006a), FRISCH et al. (2002), SMETANA (2004)
<i>Scopaeus serriae</i> FRISCH 2006	Lorestan	FRISCH (2006a); Endemic
<i>Scopaeus signifer</i> FAUVEL 1899	Lorestan	FRISCH (1997), FRISCH et al. (2002), SMETANA (2004)
<i>Scopaeus stramineus</i> FRISCH 2007	Fars, Hormozgan	FRISCH (2007b); Endemic
<i>Scopaeus zagrosensis</i> FRISCH 2006	Chahar-Mahal Bakhtiari, Fars, Kuhkuloyeh Boyer Ahmad, Lorestan	FRISCH (2006a); Endemic
Subtribe Stilicina CASEY 1905		
<i>Rugilus iranicus</i> (COIFFAIT 1981)	Mazandaran (Now-Schahr)	COIFFAIT (1981b, 1984), SMETANA (2004); Endemic
<i>Rugilus korbi</i> (FAUVEL 1900)	Gilan (TalyschMts., Hashtpar), Mazandaran	BOHÁČ (1980), ROUGEMONT (1988), SMETANA (2004)
<i>Rugilus longicollis</i> (FAUVEL 1900)	No locality cited (North Iran)	FAUVEL (1900), COIFFAIT (1984), SMETANA (2004)
<i>Rugilus orbiculatus</i> (PAYKULL 1789)	Mazandaran	SMETANA (2004)

Taxon	Provinces and/or Localities	References & Comments
<i>Rugilus rossii</i> (ZANETTI 1977)	Not cited	SMETANA (2004); Syn: <i>Stilicus tauricus</i> ROUGEMONT 1988
<i>Rugilus rufipes</i> GERMAR 1836	Not cited	SMETANA (2004)
Tribe Pinophilini NORDMANN 1837		
Subtribe Pinophilina NORDMANN 1837		
<i>Mimopinophilus siculus</i> (KRAATZ 1857)	Khorasan (Shahsavār)	BERNHAEUER (1935), JARRIGE (1971), SMETANA (2004)
<i>Mimopinophilus zarudnyi</i> (SEMENOV 1909)	Northeast Iran (Karum?), Khuzestan and/or Chahar-Mahal Bakhtiari (Seba et Charma ad curs. infer. flum. Karun)	SEMENOV (1909), COIFFAIT (1978), ASSING (2004a), SMETANA (2004); Syn: <i>Pinophilus zarudnyi</i> ab. <i>fulviventris</i> SEMENOV 1909
<i>Pinophilus rufipennis</i> SHARP 1874	Kerman (Anbar-Abad, Dijiroft), Khuzestan (Shadegan), Sistan Baluchestan (Iranshahr)	SCHEERPELTZ (1961a), SMETANA (2004)
Subtribe Procirrina BERNHAEUER & SCHUBERT 1912		
<i>Oedichirus reitteri</i> BERNHAEUER 1908	Not cited	SCHEERPELTZ (1961b)
13. Subfamily Staphylininae LATREILLE 1802		
Tribe Othiini THOMSON 1859		
<i>Othius laeviusculus</i> STEPHENS 1833	Gilan (Assalam, Hero-Abad), Mazandaran, Fars	FAUVEL (1873), ASSING (1999), HERMAN (2001), SMETANA (2004), ANLAŞ & NEWTON (present paper)
Tribe Platyprosopini LYNCH ARRIBÁLZAGA 1884		
<i>Platyprosopus bagdadensis</i> STIERLIN 1867	Khuzestan (Shadegan)	SCHEERPELTZ (1961a), HERMAN (2001), SMETANA (2004); Syn: <i>P. araxis</i> REITTER 1891
<i>Platyprosopus elongatus</i> MANNERHEIM 1830	No locality cited (Northeast Iran)	SCHEERPELTZ (1961b, 1961c, 1963a)
Tribe Staphylinini LATREILLE 1802		
Subtribe Philonthina KIRBY 1837		
<i>Bisnius cephalotes</i> (GRAVENHORST 1802)	Not cited	SMETANA (2004)
<i>Bisnius fimetarius</i> (GRAVENHORST 1802)	No locality cited (North Iran)	HERMAN (2001), SMETANA (2004); Syn: <i>Staphylinus rigidicornis</i> GRAVENHORST 1802
<i>Bisnius piochardi</i> (FAUVEL 1875)	Not cited	COIFFAIT (1974), HERMAN (2001), SMETANA (2004)
<i>Bisnius schillhammeri</i> HROMÁDKA 2001	Chahar-Mahal Bakhtiari (Yasui)	HROMÁDKA (2001), SMETANA (2004); Endemic
<i>Bisnius sordidus</i> (GRAVENHORST 1802)	No locality cited (South Iran)	FAUVEL (1874), GRIDELLI (1924a), HERMAN (2001), SMETANA (2004); Syn: <i>Philonthus pachycephalus</i> NORDMANN 1837
<i>Erichsonius rivularis rivularis</i> (KIESENWETTER 1858)	Not cited	COIFFAIT (1974), HERMAN (2001), SMETANA (2004)
<i>Erichsonius subopacus</i> (HOCHHUTH 1851)	Gilan (TalyshMts., Hashtpar)	BOHÁČ (1980)
<i>Gabrius appendiculatus</i> SHARP 1910	Not cited	SMETANA (2004)

Taxon	Provinces and/or Localities	References & Comments
<i>Gabrius nigrutilus</i> (GRAVENHORST 1802)	Mazandaran	FAUVEL (1874), GRIDELLI (1924a), HERMAN (2001), SMETANA (2004), ANLAŞ & NEWTON (present paper); Syn: <i>Staphylinus aterrimus</i> GRAVENHORST 1802
<i>Gabrius subnigrutilus</i> JOY 1913	Not cited	SMETANA (2004); Syn: <i>Philonthus subnigritulooides</i> SCHEERPELTZ 1933
<i>Gabrius tornus</i> JOY 1913	Not cited	SMETANA (2004), ASSING (2009d)
<i>Gabronthus maritimus</i> (MOTSCHULSKY 1858)	Mazandaran and no locality cited (South Iran)	SCHEERPELTZ (1963b), ANLAŞ & NEWTON (present paper)
<i>Neobisnius lathrobioides</i> (BAUDI DI SELVE 1848)	Not cited	SMETANA (2004); Syn: <i>N. cerrutii</i> GRIDELLI 1943
<i>Neobisnius procerulus procerulus</i> (GRAVENHORST 1806)	Not cited	SMETANA (2004)
<i>Neobisnius prolixus</i> (ERICHSON 1840)	Mazandaran	FAUVEL (1874), HERMAN (2001) SMETANA (2004), ANLAŞ & NEWTON (present paper)
<i>Philonthus aeneipennis</i> BOHEMAN 1858	Not cited	SCHEERPELTZ (1960b), HERMAN (2001), SMETANA (2004)
<i>Philonthus atratus</i> (GRAVENHORST 1802)	No locality cited (North Iran)	FAUVEL (1874), GRIDELLI (1922a), HERMAN (2001), SMETANA (2004)
<i>Philonthus biskrensis</i> FAGEL 1957	Khuzestan and no locality cited (Northeast Iran)	SCHEERPELTZ (1961a), GUSAROV (1995), COIFFAIT (1967, 1974, 1976), HERMAN (2001), SMETANA (2004); Syn: <i>Neobisnius iranicus</i> SCHEERPELTZ 1961; <i>P. basipennis</i> COIFFAIT 1967 (preoccupied); <i>P. darius</i> COIFFAIT 1970
<i>Philonthus broumandi</i> BOHÁČ 1981	Khuzestan (Dezfoul, Haft-tapeh)	BOHÁČ (1981), HERMAN (2001) SMETANA (2004); Endemic
<i>Philonthus carbonarius</i> (GRAVENHORST 1802)	Not cited	MÉNÉTRIÉS (1832), FAUVEL (1874), HERMAN (2001), SMETANA (2004); Syn: <i>Staphylinus varius</i> ; GYLLENHAL 1810 (misidentification)
<i>Philonthus caucasicus</i> NORDMANN 1837	Kordestan (Akinlou)	GRIDELLI (1922a), JARRIGE (1971), COIFFAIT (1974), HERMAN (2001), SMETANA (2004); Syn: <i>Staphylinus dimidiatus</i> C.R. SAHLBERG 1830
<i>Philonthus cognatus</i> STEPHENS 1832	Fars (Firuzabad), Mazandaran (Chalus)	JARRIGE (1971), HERMAN (2001) SMETANA (2004); Syn: <i>Staphylinus fuscipennis</i> MANNERHEIM 1830 (preoccupied)
<i>Philonthus concinnus</i> (GRAVENHORST 1802)	Mazandaran (Chalus) and no locality cited (North and South Iran)	GRIDELLI (1922a), JARRIGE (1971), HERMAN (2001), SMETANA (2004); Syn: <i>Staphylinus ochropus</i> GRAVENHORST 1802; <i>P. ochripennis</i> GERHARDT 1910
<i>Philonthus cruentatus</i> (GMELIN 1790)	Not cited	SMETANA (2004)
<i>Philonthus debilis</i> (GRAVENHORST 1802)	No locality cited (North Iran)	FAUVEL (1874), GRIDELLI (1922a), HERMAN (2001), SMETANA (2004)

Taxon	Provinces and/or Localities	References & Comments
<i>Philonthus dimidiatipennis</i> ERICHSON 1840	Khuzestan and no locality cited (North Iran)	GRIDELLI (1922a), SCHEERPELTZ (1961a, 1961b, 1963a), HERMAN (2001), SMETANA (2004); Syn: <i>P. rubellus</i> SOLSKY 1874
<i>Philonthus discoideus</i> (GRAVENHORST 1802)	Sistan Baluchestan (Iranshahr)	SCHEERPELTZ (1961a), HERMAN (2001), SMETANA (2004)
<i>Philonthus ebeninus ebeninus</i> (GRAVENHORST 1802)	Golestan (Gorgan) and no locality cited (South Iran)	GRIDELLI (1922a), JARRIGE (1971), HERMAN (2001), SMETANA (2004)
<i>Philonthus infirmus</i> ERICHSON 1840	Not cited	SMETANA (2004)
<i>Philonthus intermedius</i> (LACORDAIRE 1835)	Mazandaran and no locality cited (South Iran)	FAUVEL (1874), GRIDELLI (1922a), HERMAN (2001), SMETANA (2004), ANLAŞ & NEWTON (present paper)
<i>Philonthus irakoiranicus</i> SCHEERPELTZ 1961	Khuzestan	SCHEERPELTZ (1961a), COIFFAIT (1974), BOHÁČ (1981), HERMAN (2001), SMETANA (2004); Syn: <i>P. bagdadensis</i> COIFFAIT 1967
<i>Philonthus khuzestanicus</i> BOHÁČ 1981	Hormozgan (Minab), Khuzestan, Sistan Baluchestan (Bahu Kalat and Tis?)	BOHÁČ (1981), SMETANA (2004); Endemic
<i>Philonthus laminatus</i> (CREUTZER 1799)	Mazandaran? (Elbourz, 100 km East of Chalus)	FALDERMANN (1835), GEMMINGER & HAROLD (1868), JARRIGE (1971), HERMAN (2001), SMETANA (2004); Syn: <i>Staphylinus matutinalis</i> FALDERMANN 1835
<i>Philonthus nitidicollis</i> (LACORDAIRE 1835)	Mazandaran, Tehran	GRIDELLI (1924a), COIFFAIT (1974), HERMAN (2001), SMETANA (2004), ANLAŞ & NEWTON (present paper); Syn: <i>Staphylinus bimaculatus</i> GRAVENHORST 1802 (preoccupied)
<i>Philonthus parvicornis</i> (GRAVENHORST 1802)	Mazandaran (Chalus)	JARRIGE (1971), HERMAN (2001), SMETANA (2004); Syn: <i>Staphylinus agilis</i> GRAVENHORST 1806
<i>Philonthus picimanus</i> (MÉNÉTRIÉS 1832)	Mazandaran (Chalus Valley)	JARRIGE (1971), HERMAN (2001), SMETANA (2004); Syn: <i>P. incompletus</i> ROUBAL 1911; <i>P. formaneki</i> ROUBAL 1911
<i>Philonthus politus</i> (LINNAEUS 1758)	Northwest Iran (Talysh Mts)	MÉNÉTRIÉS (1832), GRIDELLI (1922a), HERMAN (2001), SMETANA (2004); Syn: <i>Staphylinus aeneus</i> ROSSI 1790
<i>Philonthus punctus punctus</i> (GRAVENHORST 1802)	Northwest Iran (Talysh Mts) and no locality cited (Caucasus-Persia region?)	MÉNÉTRIÉS (1832), FALDERMANN (1835), HERMAN (2001), SMETANA (2004); Syn: <i>Staphylinus multipunctatus</i> MANNERHEIM 1830
<i>Philonthus punctus rapillyi</i> JARRIGE 1971	Fars (Dacht Argen)	JARRIGE (1971), HERMAN (2001) SMETANA (2004); Endemic
<i>Philonthus quisquiliarius quisquiliarius</i> (GYLLENHAL 1810)	Not cited	HERMAN (2001); Syn: <i>Quedius inquinatus</i> STEPHENS 1832; <i>P. linearis</i> HOCHHUTH 1849; <i>P. opacinus</i> SCHEERPELTZ 1933

Taxon	Provinces and/or Localities	References & Comments
<i>Philonthus rotundicollis</i> (MÉNÉTRIÉS 1832)	East Azarbaijan, Mazandaran	FALDERMANN (1835), FAUVEL (1874), HERMAN (2001), SMETANA (2004)
<i>Philonthus rubripennis</i> STEPHENS 1832	Not cited	GRIDELLI (1924a), SMETANA (2004); Syn: <i>Staphylinus fulvipes</i> FABRICIUS 1793 (preoccupied)
<i>Philonthus salinus</i> KIESENWETTER 1844	Gilan (Assalem)	JARRIGE (1971), HERMAN (2001), SMETANA (2004)
<i>Philonthus schaeuffelei</i> SCHEERPELTZ 1961	Khuzestan	SCHEERPELTZ (1961a), COIFFAIT (1974), SMETANA (2004)
<i>Philonthus splendens splendens</i> (FABRICIUS 1793)	Not cited	SMETANA (2004)
<i>Philonthus succicola</i> THOMSON 1860	Golestan (Gorgan)	JARRIGE (1971), HERMAN (2001), SMETANA (2004); Syn: <i>Staphylinus nigritus</i> RUNDE 1835
<i>Philonthus tenuicornis</i> MULSANT & REY 1853	Gilan (Assalem)	JARRIGE (1971), HERMAN (2001)
<i>Philonthus turbidus</i> ERICHSON 1840	Not cited	SMETANA (2004)
<i>Philonthus varians</i> (PAYKULL 1789)	Mazandaran, Tehran	GRIDELLI (1922a), JARRIGE (1971), SMETANA (2004)
<i>Philonthus velatipennis</i> SOLSKY 1870	Golestan (Gorgan), Hormozgan (Minab), Sistan Baluchestan (Zabol)	JARRIGE (1971), COIFFAIT (1974), SMETANA (2004); Syn: <i>P. extensus</i> KORGE 1971
<i>Philonthus ventralis</i> (GRAVENHORST 1802)	No locality cited (Caucasus-Persian region)	HERMAN (2001), SMETANA (2004); Syn: <i>Staphylinus immundus</i> GRAVENHORST 1806
<i>Rabigus abauriae</i> (GRIDELLI 1924)	No locality cited (North Iran)	GRIDELLI (1924a), COIFFAIT (1974), HERMAN (2001), SMETANA (1965, 2004)
<i>Rabigus formosus</i> (MOTSCHULSKY 1860)	No locality cited (North Iran)	SCHEERPELTZ (1963a)
<i>Rabigus tenuis</i> (FABRICIUS 1793)	Tehran	GRIDELLI (1924a), HERMAN (2001), SMETANA (2004)
Subtribe Quediina KRAATZ 1857		
<i>Heterothops dissimilis</i> (GRAVENHORST 1802)	Sistan Baluchestan (Iranshahr)	SCHEERPELTZ (1961a), HERMAN (2001), ŠTOURAČ (2002), SMETANA (2004); Syn: <i>H. flavolimbatus</i> MOTSCHULSKY 1860, <i>H. minutus</i> MOTSCHULSKY 1860
<i>Heterothops gestroi</i> GRIDELLI 1922	No locality cited (North Iran)	GRIDELLI (1922b, 1924a), COIFFAIT (1978), HERMAN (2001), SMETANA (2004)
<i>Heterothops iranicus</i> ŠTOURAČ 2000	Sistan Baluchestan (40 km Southwest of Zabol)	ŠTOURAČ (2000), HERMAN (2001), SMETANA (2004); Endemic
<i>Heterothops nigerrimus</i> BERNHAUER 1914	No locality cited (North Iran)	SCHEERPELTZ (1963a)
<i>Heterothops praeivius</i> ERICHSON 1839	Not cited	FAUVEL (1874), HERMAN (2001), SMETANA (2004)
<i>Quedius acuminatus acuminatus</i> HOCHHUTH 1849	No locality cited (North Iran)	FAUVEL (1874), GRIDELLI (1925), SMETANA (1962, 2004), HORION (1965), HERMAN (2001)

Taxon	Provinces and/or Localities	References & Comments
<i>Quedius amplissimus</i> BERNHAEUER 1912	Kordestan (Akinlou)	JARRIGE (1971), HERMAN (2001), SMETANA (2004)
<i>Quedius bucharensis</i> BERNHAEUER 1918	Khorasan [Shirvan, Kopet Dagh, Siaret (=Ziaret)]	BERNHAEUER (1918), GRIDELLI (1924b), HERMAN (2001), SMETANA (2004)
<i>Quedius cohaesus</i> EPPELSHEIM 1888	North Iran (Elburz Mts., Alam Kough)	COIFFAIT (1977b, 1978), HERMAN (2001), SOLODOVNIKOV (2004); Syn: <i>Q. meurgeusae</i> COIFFAIT 1977
<i>Quedius gridellii</i> SCHEERPELTZ 1933	East Azarbaijan (Charasu Dagh, Varid), North Iran (West Elburz Mts) and no locality cited (South Iran)	GRIDELLI (1922c, 1925), COIFFAIT (1978), HERMAN (2001), SMETANA (1971, 2004); Syn: <i>Q. picicornis</i> GRIDELLI 1922 (preoccupied); <i>Q. luteomaculatus</i> SCHEERPELTZ 1958
<i>Quedius hypocrita</i> KORGE 1971	Gilan (Masuleh)	KORGE (1971), COIFFAIT (1978), HERMAN (2001), SMETANA (2004); Endemic
<i>Quedius iranicus</i> COIFFAIT 1976	Fars [Bishapur, Shapur Cave (=Grotte de Shapur)]	COIFFAIT (1976, 1978), BORDONI & OROMI (1998), HERMAN (2001), SMETANA (2004); Endemic
<i>Quedius kermanensis</i> COIFFAIT 1973	Kerman	COIFFAIT (1973, 1978), HERMAN (2001), SMETANA (2004); Endemic
<i>Quedius levicollis</i> (BRULLÉ 1832)	No locality cited (Persia Armenia region)	HORION (1965), FALDERMANN (1835), HERMAN (2001); Syn: <i>Staphylinus nigratarsis</i> MÉNÉTRIÉS 1832; <i>Staphylinus tristis</i> ; GRAVENHORST 1802 (misidentification)
<i>Quedius limbatus</i> (HEER 1839)	Gilan (=Abalurni Guilam)	COIFFAIT (1977b, 1978), HERMAN (2001), SOLODOVNIKOV (2002), SMETANA (2004); <i>Q. limbatus ponticus</i> KORGE 1964; <i>Q. limbatus erdciyasicus</i> KORGE 1971; <i>Quedius ledouxi</i> COIFFAIT 1977
<i>Quedius macchabaeus</i> SAULCY 1865	No locality cited (South Iran)	FAGEL (1968b), HERMAN (2001), SMETANA (2004)
<i>Quedius microcapillatus</i> KORGE 1971	East Azerbaijan (Danavar Dagh)	KORGE (1971), SMETANA (2004)
<i>Quedius mixtus</i> EPPELSHEIM 1890	Gilan, Mazandaran, East Azarbaijan (Charasu dagh)	KORGE (1971), HERMAN (2001), SMETANA (2004)
<i>Quedius nemoralis nemoralis</i> BAUDI DI SELVE 1848	Not cited	SMETANA (2004)
<i>Quedius nivicola</i> KIESENWETTER 1858	Not cited	FAGEL (1968a), COIFFAIT (1978), HERMAN (2001), SMETANA (2004)
<i>Quedius obliqueseriatas</i> EPPELSHEIM 1889	Gilan	KORGE (1971), HERMAN (2001)
<i>Quedius ochripennis</i> (MÉNÉTRIÉS 1832)	Northwest Iran (Talysh Mts) and no locality cited (Persia Armenia region)	MÉNÉTRIÉS (1832), FALDERMANN (1835), SCHEERPELTZ (1958a, 1960a, 1961d), HERMAN (2001); Syn: <i>Staphylinus laetus</i> FALDERMANN 1835
<i>Quedius orientalis</i> KORGE 1971	Kermanshah (Songhor)	KORGE (1971), COIFFAIT (1978), HERMAN (2001), SMETANA (2004); Endemic

Taxon	Provinces and/or Localities	References & Comments
<i>Quedius persicus</i> KORGE 1971	Mazandaran (Sardab-rud-Tal bei Rudbarak)	KORGE (1971), COIFFAIT (1978), HERMAN (2001)
<i>Quedius riparius</i> KELLNER 1843	East Azarbaijan (Charasu dagh)	KORGE (1971), HERMAN (2001), SMETANA (2004)
<i>Quedius scintillans</i> (GRAVENHORST 1806)	Not cited	FAUVEL (1874), GRIDELLI (1925), HORION (1965), COIFFAIT (1978), HERMAN (2001), SMETANA (2004)
<i>Quedius semiobscurus</i> (MARSHAM 1802)	Gilan	HORION (1965), KORGE (1971), HERMAN (2001), SMETANA (2004); Syn: <i>Staphylinus rufipes</i> GRAVENHORST 1802
<i>Quedius semirufus</i> KORGE 1971	East Azarbaijan (Charasu dagh)	KORGE (1971), COIFFAIT (1978), HERMAN (2001), SOLODOVNIKOV (2005)
<i>Quedius suramensis</i> EPPELSHEIM 1880	Not cited	SMETANA (2004); Syn: <i>Q. transcaucasicus</i> GEMMINGER & HAROLD 1868; <i>Q. grouziacus</i> COIFFAIT 1969; <i>Q. vicinus</i> ab. <i>Maculatus</i> KORGE 1971 (nomen nudum)
<i>Quedius vicinus</i> (MÉNÉTRIÉS 1832)	Gilan (Bandar Pahlavi), Kermanshah and Northwest Iran (Talysh Mts)	MÉNÉTRIÉS (1832), FALDERMANN (1835), JARRIGE (1971), KORGE (1971), COIFFAIT (1978), BOHÁČ (1988), HERMAN (2001), SMETANA (2004); Syn: <i>Q. libanicus</i> COIFFAIT 1955
Subtribe Staphylinina LATREILLE 1802		
<i>Creophilus maxillosus maxillosus</i> (LINNAEUS 1758)	Northwest Iran (Talysh Mts)	MÉNÉTRIÉS (1832), FAUVEL (1874), HERMAN (2001), SMETANA (2004)
<i>Dinothenarus flavocephalus adonis</i> (COIFFAIT 1956)	Fars (Dacht Argen)	JARRIGE (1971), COIFFAIT (1974), SMETANA (2004)
<i>Dinothenarus sibiricus</i> (GEBLER 1830)	Mazandaran	SCHERPELTZ (1963a, 1966), HERMAN (2001), SMETANA (2004)
<i>Emus hirtus</i> (LINNAEUS 1758)	Tehran? (Elbourz, 100 km South of Chalus)	JARRIGE (1971), HERMAN (2001), SMETANA (2004)
<i>Ocypus curtipennis</i> MOTSCHULSKY 1849	Not cited	COIFFAIT (1964, 1971c, 1974), HERMAN (2001), SMETANA (2004); Syn: <i>O. integer</i> ABEILLE DE PERRIN 1900; <i>Staphylinus gridellii</i> G. MÜLLER 1924; <i>O. pseudolens</i> COIFFAIT 1964
<i>Ocypus helleni</i> (G. MÜLLER 1926)	East Azerbaijan (Danavar Dagh), Khorasan (Shirvan, Kopet Dagh)	G. MÜLLER (1943), SCHERPELTZ (1963a), SMETANA (1971, 2004), HERMAN (2001); Syn: <i>Staphylinus almoresis</i> CAMERON 1932; <i>Staphylinus bicolor</i> G. MÜLLER 1943
<i>Ocypus matilei</i> JARRIGE 1971	East Azarbaijan (Charsu Dagh, E of Heroabad), Mazandaran (Koleshar, Weischar)	JARRIGE (1971), COIFFAIT (1974), HERMAN (2001), SMETANA (1971, 2004), SMETANA & DAVIES (2000); Syn: <i>O. iranicus</i> SMETANA 1971; Endemic
<i>Ocypus milleri robustus</i> COIFFAIT 1964	Not cited	COIFFAIT (1964, 1974), HERMAN (2001), SMETANA & DAVIES (2000), SMETANA (2004)

Taxon	Provinces and/or Localities	References & Comments
<i>Ocypus mus</i> (BRULLÉ 1832)	Gilan, Mazandaran, North Iran (West of Elburz, Baresar)	HERMAN (2001), SMETANA (1971, 2004), ANLAŞ & NEWTON (present paper); Syn: <i>Staphylinus tauricus</i> G. MÜLLER 1932
<i>Ocypus nitens nitens</i> (SCHRANK 1781)	Gilan (Assalem)	COIFFAIT (1974), HERMAN (2001), SMETANA (1971, 2004), JARRIGE (1971); Syn: <i>Staphylinus semialatus</i> G. MÜLLER 1904; <i>Staphylinus nero</i> FALDERMANN 1835; <i>O. decurtatus</i> MULSANT & REY 1876
<i>Ocypus picipennis caucasicus</i> (G. MÜLLER 1926)	East Azarbaijan, Gilan, Kordestan (Akinlou), Mazandaran, Tehran, Allamud?	JARRIGE (1971), SMETANA (1971, 2004), HERMAN (2001)
<i>Ocypus picipennis picipennis</i> (FABRICIUS 1793)	Not cited	SMETANA (2004)
<i>Ocypus quadriceps</i> (MÉNÉTRIÉS 1832)	Northwest Iran (Talysh Mts)	MÉNÉTRIÉS (1832), FALDERMANN (1835), HERMAN (2001), SMETANA (2004)
<i>Ocypus sericeicollis</i> (MÉNÉTRIÉS 1832)	Mazandaran	FALDERMANN (1835), HERMAN (2001), SMETANA (2004), ANLAŞ & NEWTON (present paper); Syn: <i>Staphylinus cupreus</i> ROSSI 1790
<i>Ontholestus callistus</i> (HOCHHUTH 1849)	Gilan [Talysh Mts., Hashtpar (=Talesh)], Golestan [Astrabad (=Gorgan)]	SMETANA (1959), COIFFAIT (1974), BOHÁČ (1980), HERMAN (2001), SMETANA (2004); Syn: <i>O. talyshensis</i> KIRSHENBLAT 1936
<i>Ontholestus murinus</i> (LINNAEUS 1758)	Fars (Dacht Argen), Mazandaran (Chalus)	JARRIGE (1971), HERMAN (2001), SMETANA (2004)
<i>Physetops tataricus</i> (PALLAS 1773)	East Azarbaijan, Golestan, Kerman, Khorasan, Sistan Baluchestan	SCHEERPELTZ (1963a), COIFFAIT (1974), HERMAN (2001), SMETANA (2004), SOLODOVNIKOV & GREBENNIKOV (2005); Syn: <i>P. giganteus</i> SEMENOV 1906
<i>Platydracus flavopunctatus</i> (LATREILLE 1804)	Mazandaran	JARRIGE (1971), HERMAN (2001), SMETANA (1971, 2004); Syn: <i>Staphylinus lutarius</i> GRAVENHORST 1806
<i>Platydracus stercorarius stercorarius</i> (OLIVIER 1795)	East Azarbaijan (Charasu dagh), Gilan, Mazandaran	JARRIGE (1971), HERMAN (2001), SMETANA (1971, 2004)
<i>Staphylinus caesareus caesareus</i> CEDERHJELM 1798	East Azarbaijan, Gilan, Golestan (Gorgan), Mazandaran	FAUVEL (1874), JARRIGE (1971); HERMAN (2001), SMETANA (1971, 2004), ANLAŞ & NEWTON (present paper)
<i>Staphylinus erythropterus erythropterus</i> LINNAEUS 1758	Not cited	SMETANA (2004)
<i>Tasgius ater</i> (GRAVENHORST 1802)	Not cited	FALDERMANN (1835), HERMAN (2001), SMETANA (2004)
<i>Tasgius doriae</i> (G. MÜLLER 1932)	No locality cited (North Iran)	G. MÜLLER (1932), COIFFAIT (1964, 1974), HERMAN (2001), SMETANA (2004); Endemic

Taxon	Provinces and/or Localities	References & Comments
<i>Tasgius gracilicornis</i> (HOCHHUTH 1849)	East Azarbaijan, Mazandaran	G. MÜLLER (1932), HERMAN (2001), SMETANA (1971, 2004); Syn: <i>Staphylinus ensifer</i> G. MÜLLER 1932
<i>Tasgius pedator pedator</i> (GRAVENHORST 1802)	Northwest Iran (Talysh Mts) and no locality cited (Persia Armenia region)	MÉNÉTRIÉS (1832), FALDERMANN (1835), HERMAN (2001), SMETANA (2004); Syn: <i>Staphylinus chalybeipennis</i> MÉNÉTRIÉS 1832
<i>Tasgius pliginskii</i> (BERNHAEUER 1915)	Not cited	SMETANA (2004)
<i>Tasgius protensus</i> (MÉNÉTRIÉS 1832)	Not cited	SMETANA (2004)
<i>Tasgius rubripennis</i> (REICHE & SAULCY 1856)	Not cited	COIFFAIT (1974), HERMAN (2001), SMETANA (2004)
Tribe Xantholinini ERICHSON 1839		
<i>Calontholinus fasciatus</i> (HOCHHUTH 1849)	Gilan (Talysh, Assalem)	JARRIGE (1971), BORDONI (1975), HERMAN (2001), SMETANA (2004)
<i>Gauropterus bucharicus</i> BERNHAUER 1905	Fars	ASSING (2007b)
<i>Gauropterus fulgidus</i> (FABRICIUS 1787)	Fars	HERMAN (2001), SMETANA (2004), ASSING (2007b); Syn: <i>Staphylinus pyropterus</i> GRAVENHORST 1806 (preoccupied)
<i>Gauropterus sanguinipennis</i> (KOLENATI 1846)	Fars, Gilan (Rasht)	JARRIGE (1971), COIFFAIT (1972a), HERMAN (2001), SMETANA (2004), BORDONI (1978, 2005), ASSING (2007b)
<i>Gauropterus sanguinipes</i> (REITTER 1889)	Mazandaran (Babol)	JARRIGE (1971), HERMAN (2001), SMETANA (2004), BORDONI (2005), ASSING (2007b, 2009d)
<i>Gauropterus semenovi</i> KIRSHENBLAT 1951	Kerman (strana Bampur)	KIRSHENBLAT (1951), COIFFAIT (1972a), HERMAN (2001), SMETANA (2004), BORDONI (2005); Endemic
<i>Gyrophypnus angustatus</i> STEPHENS 1833	Ardabil, East Azerbaijan (=Azarbayjan-e Sharqi), Gilan	ASSING (2007b); Syn: <i>Xantholinus nitidicollis</i> REITTER 1908
<i>Gyrophypnus punctulatus</i> (PAYKULL 1789)	East Azarbaijan	FAUVEL (1873), HERMAN (2001), SMETANA (2004)
<i>Hypnogyra laevissimus</i> (REITTER 1898)	Mazandaran (Talysh Mts., Now-Schahr)	REITTER (1898), BORDONI (1975, 1999a, 2008), HERMAN (2001), SMETANA (2004)
<i>Leptacinus batychrus</i> (GYLLENHAL 1827)	Ardabil, East Azerbaijan, Tehran	FAUVEL (1873), HERMAN (2001), SMETANA (2004), ASSING (2007b)
<i>Leptacinus klapperichi</i> COIFFAIT 1981	Tehran (Golhak)	COIFFAIT (1981a), HERMAN (2001), SMETANA (2004); Endemic
<i>Stenistoderus cephalotes cephalotes</i> (KRAATZ 1858)	Fars, Khuzestan (Shadegan)	SCHERPPELTZ (1961a), HERMAN (2001), SMETANA (2004), ASSING (2007b)
<i>Xantholinus araxis</i> REITTER 1898	Fars (Dacht Argen), Kermanshah, Kordestan (Akinlou)	JARRIGE (1971), BORDONI (1975), HERMAN (2001), SMETANA (2004)
<i>Xantholinus audrasi</i> COIFFAIT 1956	Ardabil, Gilan, Mazandaran, Tehran	BORDONI (1973), KORGE (1973), HERMAN (2001), SMETANA (2004),

Taxon	Provinces and/or Localities	References & Comments
		ASSING (2007b); Syn: <i>X. achemenius</i> BORDONI 1973; <i>X. microtophilus</i> COIFFAIT 1970
<i>Xantholinus azarbaijanicus</i> KORGE 1973	East Azarbaijan (Charasu dagh)	KORGE (1973), BORDONI (1999a), HERMAN (2001), SMETANA (2004)
<i>Xantholinus crassicornis</i> HOCHHUTH 1851	East Azarbaijan, Mazandaran	COIFFAIT (1966), BORDONI (1983, 1985), HERMAN (2001), SMETANA (2004), ASSING (2007b); Syn: <i>X. lederi</i> COIFFAIT 1966; <i>X. martensi</i> BORDONI 1983
<i>Xantholinus fortepunctatus</i> MOTSCHULSKY 1860	Gilan (Assalem), Golestan (Gorgan), Khorasan (Kopet Dagh), Mazandaran	JARRIGE (1971), KORGE (1973), BORDONI (1975, 1999a), HERMAN (2001), SMETANA (2004); Syn: <i>X. semirufus</i> REITTER 1901
<i>Xantholinus linearis linearis</i> (OLIVIER 1795)	Not cited	FAUVEL (1873), HERMAN (2001), SMETANA (2004)
<i>Xantholinus longiventris</i> HEER 1839	Not cited	SMETANA (2004)
<i>Xantholinus reitteri</i> COIFFAIT 1966	Gilan, Mazandaran	COIFFAIT (1973), BORDONI (1999a), HERMAN (2001), SMETANA (2004), ASSING (2007b); Syn: <i>X. motschulskyi</i> BORDONI 1999
<i>Xantholinus rufipennis</i> ERICHSON 1839	Mazandaran	ANLAŞ & NEWTON (present paper)
<i>Zeteotomus iranicus</i> (COIFFAIT 1976)	Golestan [Gole, Lovae (=Gole-Loweh)]	COIFFAIT (1976), HERMAN (2001), SMETANA (2004); Endemic

Some of the older literature concerning the Staphylinidae fauna of Iran offers only very general records (Persien, Iran, Persia-Armenia region, Persia-Caucasus etc.) without specification of a more precise locality. Also, in some cases, the original source of records of some species reported only from "Iran" in subsequent literature could not be found by us. At the same time, some of the published records from Iran were considered wrong because of use of obsolete political frontiers. Finally, some records were considered doubtful and were excluded from the checklist (Table 2.).

Table 2: Species of Staphylinidae reported from Iran but considered doubtful and excluded from the checklist.

Taxon	Provinces and/or localities	References and Comments
<i>Sepedophilus pedicularius</i> (GRAVENHORST 1802)	Kerman (Anbar-Abad, Djiroft)	SCHEERPELTZ (1961a); This record is doubtful from Iran, this species is known from north and central Europe, and also Siberia, Far East and Japan (SMETANA 2004).
<i>Stenus affaber</i> BAUDI DI SELVE 1848	Not cited	SMETANA (2004); This record is doubtful from Iran (Ryvkin; pers. comm.)
<i>Stenus simonae</i> HROMÁDKA 1979	Gilan [Talysh Mts., Hashtpar (=Talesh)]	BOHÁČ (1980); This record is doubtful from Iran, this species is known only from Macedonia (SMETANA 2004).
<i>Ochtheophilum egregium</i> (REITTER 1884)	Gilan, Mazandaran	COIFFAIT (1984), SMETANA (2004); According ASSING (2009c) this species known only from Azerbaijan.

Taxon	Provinces and/or localities	References and Comments
<i>Paederus limnophilus</i> ERICHSON 1840	Ardabil	NIKBAKHTZADEH & TIRGARI (2008); Syn: <i>Paederus carpathicus</i> WENDELER 1926; The record of this species is not fully confident, this species is known from central Europe and Balkans (SMETANA 2004)
<i>Paederus littoralis littoralis</i> GRAVENHORST 1802	Ardabil	ZARGARI et al. (2003), NIKBAKHTZADEH & TIRGARI (2008); The presence of this subspecies in Iran is doubtful. It should be confirmed.
<i>Scopaeus asiaticus</i> BERNHAEUER 1915	Not cited	SCHERPPELTZ (1963a); <i>S. asiaticus</i> is restricted to Middle Asia countries and that the record from Iran probably is a misidentification (Frisch; pers. comm.). The record should be confirmed.

Discussion

In this checklist, 594 species and subspecies in 150 genera belonging to 13 subfamilies of Staphylinidae are reported from Iran. Amongst those, 104 species and subspecies (17,5 %) are distributed only in Iran as far as known (Table 3.).

Table 3: Summary of major subfamilies from Iran.

Subfamilies	Genera	(Sub-) species	Endemic (sub-) species	Ratios (%)
Omalinae MACLEAY 1825	9	14	8	57,1
Pselaphinae LATREILLE 1802	28	57	11	19,3
Tachyporinae MACLEAY 1825	10	32	2	6,3
Aleocharinae FLEMING 1821	29	101	23	22,8
Oxytelinae FLEMING 1821	10	73	5	6,9
Steninae MACLEAY 1825	1	54	13	24,1
Paederinae FLEMING 1821	28	115	25	21,7
Staphylininae LATREILLE 1802	27	137	14	10,2
Other subfamilies	8	11	3	27,3
Totally	150	594	104	17,5

In recent years, several checklists of Staphylinidae of regions adjacent to Iran have been published. For example, ANLAŞ (2009b) reported 1.600 species from Turkey, BOHÁČ et al. (2006) reported 1.397 species from Czech Republic, STAN (2004) reported 1.240 species from Romania and ASSING & WUNDERLE (2001) recorded more than 150 species of Staphylinidae (exclusive of Pselaphinae) from South Cyprus. According to the catalogue of LÖBL & SMETANA (2004) and an updated version by ANLAŞ (unpubl.), some 200 species have been reported from Syria. But the number of species in this and in the other regions immediately adjacent to Iran is not at all well known.

As detailed systematic and faunal studies are carried out in the future, we expect that the

Staphylinidae fauna of Iran will be identified more accurately and the number of species confirmed as present will increase dramatically. We estimate that the actual staphylinid fauna of Iran is at least triple what is known now, and will approach that of Turkey, the adjacent country that is most comparable in area and habitat diversity to Iran. Turkey was estimated by ANLAŞ (2009b) to have an actual staphylinid fauna of more than 3.000 species, or nearly double the number of species currently known from there.

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Zusammenfassung

Vorliegende Arbeit erstellt einen Überblick der publizierten Angaben zur Staphyliniden-Fauna der Iran. 594 Arten und Unterarten aus 150 Gattungen und 13 Unterfamilien sind bisher aus der Iran bekannt, davon 104 Arten und Unterarten (17,5 %) ausschließlich aus diesem Land. Zusätzlich zu den zitierten Literaturangaben werden neue Angaben zu 23 Arten vorgestellt, sieben Arten stellten sich dabei als neu für die Iran heraus.

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