

## Tenebrionidae (Insecta: Coleoptera) from Iran

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### Abstract

In the present paper new faunistic data of 113 species and subspecies of Tenebrionidae from Iran are reported, 11 species are recorded for the first time for the fauna of Iran.

### Zusammenfassung

Neue faunistische Daten für 113 Arten und Unterarten von Schwarzkäfern aus dem Iran werden mitgeteilt, 11 Arten werden erstmals für die Fauna des Iran nachgewiesen.

**Key words:** Coleoptera, Tenebrionidae, Iran, faunistic, new records

### Introduction

In the catalogue of Palearctic Coleoptera (LÖBL & SMETANA 2008) over 460 species and subspecies of Tenebrionidae are listed for the Iran. Subsequently some new species from Iran were described, and many additional species records were given: BUNALSKI & al. (2014a, b), GHAHARI & al. (2010a, 2010b, 2011, 2015), LILLIG (2014, 2015), MAKHAN (2012), MAKHAN & SAEIZAD (2013), NABOZHENKO (2009, 2010, 2014), SAEIZAD & MAKHAN (2013), SAKENIN & al. (2009), SCHAWALLER (2009), and SOLDATI (2009). Thus the number of the known species and subspecies from Iran increased to approximately 540 (145 genera). In the present paper new collecting data of 113 species and subspecies is given, based on the results of scientific expeditions of the Naturkundemuseum Erfurt to the Iran, and supplemented by material ceded to the author by friends and colleagues (see under acknowledgements). The available material is rather large, and the present list comprises only the so far analysed material.

Acronyms of depositories:

NME Naturkundemuseum, Erfurt

CRG Collection Dr. Roland Grimm, Neuenbürg

### The species

#### Lagriinae Latreille, 1825

##### Belopini Reitter, 1917

##### *Centorus (Centorus) trogosita* Motschulsky, 1872

Material examined: Iran/Cahar Mahali-o-Bakhtiari, Haruni, brook valley, 2300 m, 32°23'57"N/50°34'17"E, 10.V.2012, leg. J. Weipert, 1 ex. (CRG), 1 ex. (NME). Distribution: Afghanistan, Armenia, Kazakhstan, Turkmenistan, South European Territory of Russia, Uzbekistan (LÖBL & SMETANA 2008); Tajikistan (based on specimens in CRG), Iran (new record).

#### Pimeliinae Latreille, 1802

##### Cnemeplatiini Csiki, 1953

##### *Cnemeplatia atropos atropos* A. Costa, 1847

Material examined: Iran/Tehran, Karaj, University of Agriculture, 35°47'N/51°00'E, 1360 m, 25.V.–6.VI.2008, leg. D. Frenzel, 1 ex. (NME). Distribution: Widely distributed from South Europe and North Africa via East Europe, Asia Minor, and Arabia to Central Asia (LÖBL & SMETANA 2008). Iran (new record).

#### Stenosini Lacordaire, 1859

##### *Dichillus (Dichillus) rugatus rugatus*

##### Baudi di Selve, 1874

Material examined: Iran/Fars, Shiraz, 1560 m, 29°37'48"N/52°31'42"E, 26.IV.2010, leg. D. Frenzel, 1 ex. (CRG). Distribution: Armenia, Iran, Iraq (LÖBL & SMETANA 2008).

##### *Platamodes dentipes dentipes* Ménétrés, 1849

Material examined: Iran/Cahar Mahali-o-Bakhtiari, E Chadegan, Abadchi, valley in semi desert, 32°45'58"N/50°45'01"E, 2160 m, leg. J. Weipert, 1 ex. (NME).

Distribution: Azerbaijan, Armenia, Afghanistan, Kazakhstan, Turkmenistan, Uzbekistan (LÖBL & SMETANA 2008), Iran (new record).

***Tetranillus kobmanni* Koch, 1940**

Material examined: Iran/Kerman, Kerman N, Darbe-Asiab, waterfall near Kuhpayeh, 30°30'50.4"N/57°09'55.1", 2500 m, 7.VI.2014, leg. A. Weigel, 1 ex. (NME). – Iran/Kerman, Kerman S, Mahan, highsteppe, 2500 m, 1.VI.2014, leg. P. Schnitter, 1 ex. (CRG), 1 ex. (NME).

Distribution: Iran (LÖBL & SMETANA 2008).

**Zophosini Solier, 1834**

***Zophosis (Cheirosis) acuminata***

**(Fischer von Waldheim, 1832)**

Material examined: Iran/Kermansha, Bakhtaran (= Kermansha), 1400 m, 11.–31.V.1991, leg. H. Scherm, 27 ex. (CRG). – Iran/Tehran, W Najmaabad, salt desert/damp area, 1200 m, 35°55'04"N/50°33'18"E, 7.V.2012, leg. D. Frenzel, 1 ex. (NME). – Iran/Laristan, SE Nahavand, W Nour-Abad, above Grotto of Gamasiab, pass, 2300 m, 30.IV.2014, leg. W. Heinz, 1 ex. (NME). – Iran/Cahar Mahal-o Bakhtiyari, between Kuhrang and Soudejan, 2200 m, 29.IV.2014, leg. W. Heinz, 1 ex. (NME).

Distribution: Azerbaijan, Iran (LÖBL & SMETANA 2008).

***Zophosis (Septentriophosis) farinosa* Blair, 1914**

Material examined: Iran/Tehran, W Najmaabad, salt desert/damp area, 1200 m, 35°55'04"N/50°33'18"E, 7.V.2012, leg. D. Frenzel, 1 ex. (NME). – Iran/Qom, N Neyzar, 30 km N Delijan, Rud-e Quam, river course, reed, 34°16'58"N/50°31'33"E, 1300 m, 8.V.2011, leg. D. Frenzel, 1 ex. (NME). – Iran/Esfahan, Ali Abbas, 33°43.497N/32°03.481"E, 980 m, 11.IV.2011, leg. H. Mühle, 12 ex. (CRG). – Iran/Hormozgan, E Bandar Abbas E, open salt plain, 18 m, 27°16'55"N/56°27'43"E, 4.III.2014, leg. J. Weipert, 1 ex. (NME).

Distribution: Iran, Iraq, Jordania, Saudi Arabia, Sinai (LÖBL & SMETANA 2008).

***Zophosis (Septentriophosis) persica persica***

**Kraatz, 1882**

Material examined: Iran/Chahar Mahali-o-Bakhtiyari, E Chadegan, Abadchi, dry valley with spring, 2100 m, 32°45'58"N50°45'01"E, 11.V.2012, leg. D. Frenzel,

1 ex. (CRG). – Iran/Char-Mahal-e Bakhtiyari, 15 km SE Shahrekord, 2250 m, 27.IV.2014, leg. W. Heinz, 1 ex. (CRG), 2 ex. (NME). – Iran/Kerman, Kerman S, Mahan, *Artemisia* high mountain steppe, 2500 m, 29°53'34.1"N/57°20'43.4"E, 1.VI.2014, leg. A. Weigel, 1 ex., (CRG).

Distribution: Afghanistan, Iran, Turkmenistan (LÖBL & SMETANA 2008).

***Zophosis (Oculosis) punctata punctata* Brullé, 1832**

Material examined: Iran/Fars, 35 km N Shiraz, 29°56.309'N/52°23.759'E, 1700 m, 2.IV.2011, leg. H. Mühle, 1 ex. (CRG). – Iran/Fars, 3 km S Konar Takhteh, 600 m, 3.IV.2011, leg. H. Mühle, 1 ex. (CRG). – Iran/Fars, Kazeroun, Dasht-e Barm, 29°34.387'N/51°50.683'E, 1250 m, 21.IV.2011, leg. H. Mühle, 1 ex. (CRG). – Iran/Fars, Khane Zehnian, Ghareaghai bridge, 29°41'15"N/52°06'00"E, 1900 m, 29.IV.2010, leg. A. Weigel, 1 ex. (NME). – Iran/Fars, Dash-e Arzhan, Quercus-Pistacea nature reserve, 2100–2300 m, 29°34'02"N/51°56'44"E, 29.IV.2010, leg. D. Frenzel, 2 ex. (NME). – Iran/Kohgiluyeh ve Buyer Ahmad, Kuh-i-Dinar (Dena), nr. Sisakht, 2300–2450 m, 21.V.2014, leg. W. Heinz, 3 ex. (NME).

Distribution: Widely distributed from western Mediterranean region eastwards to Uzbekistan, Tajikistan, Afghanistan, Pakistan, and Xinjiang in West China (LÖBL & SMETANA 2008, PENRITH 1983).

**Erodiini Billberg, 1820**

***Amnodeis grandis* Miller, 1858**

Material examined: Iran/Cahar Mahal-o Bakhtiyari, E Chadegan, Abadchi, valley in semi desert, 2160 m, 32°45'58"N50°45'01"E, 11.V.2012, leg. J. Weipert, 1 ex. (NME). – Iran/Chahar Mahali-o-Bakhtiyari, E Chadegan, Abadchi, dry valley with spring, 2100 m, 32°45'58"N/50°45'01"E, 11.V.2012, leg. D. Frenzel, 2 ex. (NME). – Iran/Tehran, W Najmaabad, 35°55'04"N/50°33'18"E, 1200 m, damp area, 7.V.2012, leg. J. Weipert, 2 ex. (NME). – Iran/Markazi, NE Saveh, Mamuniveh desert, 1190 m, 35°21'13"N/50°43'39"E, 8.V.2012, leg. D. Frenzel, 4 ex. (NME), 1 ex. (CRG). – Iran/Esfahan, 5 km NW Kashan, 1160 m, 11.IV.2011, leg. H. Mühle, 1 ex. (CRG).

Distribution: Iran, Iraq, Syria, Turkey (LÖBL & SMETANA 2008).

***Apentanodes (Apentanodes) morgani* Kulzer, 1956**

Material examined: Iran/Khuzestan, 25 km N Omidyeh, 30°57.571'N/49°32.757'E, 60 m, 5.IV.2011, leg. H. Mühle, 3 ex. (CRG).

Distribution: Iran (LÖBL & SMETANA 2008).

***Arthrosis globosus* (Faldermann, 1837)**

Material examined: Iran/Kerman, 20 km W Baft, Gad Timur Gun, 2300 m, 27.V.2004, leg. A. Hofmann, J.-U. Meineke & G. Tremewan, 2 ex. (CRG).

Distribution: Iran (LÖBL & SMETANA 2008).

***Capricephalius bazmanicus* (Schuster, 1938)**

Material examined: Iran/Hormozgan, Sarhanaian Mts., Sarhanaian, 27°38'39"N/56°44'06"E, 410 m, 6.-7. III.2014, leg. D. Frenzel, 3 ex. (CRG), 7 ex. (NME). – Same data, but leg. J. Weipert, 1 ex. (CRG), 7 ex. (NME). – Iran/Hormozgan, Gur Band, mountain slopes and valley with reservoir, 70 m, 27°19'05"N/57°00'22"E, 4.III.2014, leg. D. Frenzel, 2 ex. (CRG), 4 ex. (NME). – Iran/Hormozgan, NW Minab, Gur Band, 27°18'19.2"N/57°00'45.6"E, agriculture area, 9.III.2015, leg. P. Schnitter, 3 ex. (CRG), 18 ex. (NME). – Iran/Hormozgan, S Ziyarat Ali, high plain and course of brook, 585 m, 27°41'06"N/57°09'33"E, 5.III.2014, leg. D. Frenzel, 1 ex. (CRG), 3 ex. (NME). – Iran/Hormozgan, Achmadin, Kuh-e Bakhun, dry riverbed, 980 m, 27°55'11"N/56°41'24"E, 12.III.2014, leg. D. Frenzel, 2 ex. (NME). – Iran/Hormozgan, 10 km S Khoshangan, small brook, 430 m, 27°38'20"N/56°13'02"E, 12.III.2014, leg. D. Frenzel, 1 ex. (CRG), 1 ex. (NME). – Iran/Hormozgan, 2 km E Hajiabad, high plain with water canal, 1000 m, 28°19'03"N/55°57'28"E, 12.III.2014, leg. D. Frenzel, 1 ex. – Iran/Hormozgan, N Shamil, outlet of reservoir, 130 m, 27°32'31"N/56°50'24"E, 6.III.2014, leg. D. Frenzel, 1 ex. (NME). – Iran/Hormozgan, NNE Bandar Abbas, Shamil vill., dry river/stony slopes, 80 m, 27°30'11.1"N/56°52'45.9", 11.III.2015, leg. P. Schnitter, 5 ex. (NME). – Iran/Hormozgan, Faryab, course of brook with standing water, 400 m, 27°26'15"N/57°03'23"E, 5.III.2014, leg. J. Weipert, 1 ex. (NME). – Iran/Hormozgan, Gur Band, 27°19'05"N/57°00'22"E, mountain slopes/valley with reservoir, 70 m, 4.III.2014, leg. J. Weipert, 1 ex. (CRG), 3 ex. (NME).

Distribution: Egypt, Iran, Oman (LÖBL & SMETANA 2008), United Arab Emirates (SCHAWALLER 2010, 2012).

***Erodiontes vermiculatus* Reitter, 1914**

Material examined: Iran/Esfahan, Ali Abbas, 33°43.497'N/52°03.481'E, 980 m, 11.IV.2011, leg. H. Mühle, 13 ex. (CRG).

Distribution: Iran (LÖBL & SMETANA 2008).

***Erodius (Dirosis) servillei* Solier, 1834**

Material examined: Hormozgan, E Bandar Abbas, open salt plain, 18 m, 27°16'55"N/56°27'43"E, 4.III.2014, leg. D. Frenzel, 1 ex. (CRG), 3 ex. (NME). – Same data, but leg. J. Weipert, 3 ex. (CRG), 13 ex. (NME). – Iran/Hormozgan, NW Minab, Gur Band, 35 m, agricultural area, 9.III.2015, leg. P. Schnitter, 3 ex. (NME). – Iran/Hormozgan, Gur Band, mountain slopes/valley with reservoir, 27°19'05"N/77°00'22"E, 70 m, 4.III.2014, leg. J. Weipert, 1 ex. (NME). – Iran/Khuzestan, 25 km N Omidyeh, 30°57.571/49°32.757'E, 60 m, 5.IV.2011, leg. H. Mühle, 12 ex. (CRG).

Distribution: Afghanistan, Iran, Iraq, Arabia, Syria (LÖBL & SMETANA 2008).

**Akidini Billberg, 1820**

***Cyphogenia (Cyphogenia) gibba persica***

**(Baudi di Selve, 1874)**

Material examined: Iran/Kerman, Kerman S, env. Mahan, 2200 m, 17.V.2014, 29°58'N/57°17'E, leg. S. Kazemi, 1 ex. (CRG).

Distribution: Afghanistan, Iran (LÖBL & SMETANA 2008).

**Pimeliini Latreille, 1802**

***Gedeon parallelus* (Solier, 1836)**

Material examined: Iran/Fars, SSE Eqliid, Kuh-e Bol, Darre Absad, 2750 m, 7.VI. 2005, leg. A. Hofmann & J.-U. Meineke, 2 ex. (CRG). – Iran, Fars, Eglid via Gardaneh, Timur Gun, 2400 m, 6.-7.VI.2005, leg. A. Hoffmann & J.-U. Meineke, 1 ex. (CRG) – Iran/Fars, Dash-e Arzhan, sparse oak forest, 29°34'02"N/52°56'44"E, 2100–2300 m, 29.IV. 2010, leg. J. Weipert, 1 ex. (NME). Distribution: Iran, Iraq, Syria (LÖBL & SMETANA 2008), Turkey (based on specimens in CRG).

***Iranopachyscelis persica persica* (Redtenbacher, 1850)**

Material examined: Iran/Chahar Mahali-o-Bakhtiyari, Harunie, stream/dry slopes, 2300 m, 32°23'57"N/50°34'17"E, 10.V.2005, leg. D. Frenzel,

1 ex. (NME). – Iran/Cahar Mahali-o Bakhtiyari, Haruni, brook valley, 2300 m, 32°23'57"N/50°34'17"E, 10.V.2012, leg. J. Weipert, 1 ex. (NME). – Iran/Bakhtiyari, Gardameh-ye, Chari (Samsami), 3000 m, 12.VII.2004, leg. H. Mühle, 1 ex. (CRG). – Iran/Fars, Eqlid via Gardameh, Timur Gua, 2400 m, 6.–7.VI.2005, leg. A. Hofmann & J.-U. Meineke, 2 ex. (CRG). – Iran/Esfahan, W Semirom, Pashmeh-Kun, high mountain valley, 2800 m, 31.V.–2.VI.2004, leg. J.-U. Meineke, A. Hofmann & G. Tremewan, 1 ex. (CRG). – Iran/Luristan, SE Navahand, W Nour-Abad, above Grotto of Gamasiab, pass, 2300 m, 30.IV.2014, leg. W. Heinz, 2 ex. (CRG), 2 ex. (NME). – Iran/Kohgiluyeh ve Buyer Ahmad, between Lordegan and Dorahan (Dalvarah, Bakhtiyari area), 20.IV.2014, leg. W. Heinz, 1 ex. (NME).  
Distribution: Iran (LÖBL & SMETANA 2008).

***Kawiria gabrieli* Schuster, 1935**

Material examined: Iran/Esfahan, Ali Abbas, 33°43.497'N/52°03.481'E, 980 m, 11.IV.2011, leg. H. Mühle, 2 ex. (CRG).  
Distribution: Iran (LÖBL & SMETANA 2008).

***Pachyscelis (Pachyscelis) metopotapha* (Fischer von Waldheim, 1832)**

Material examined: Iran/Khorasan, W Dashi, Dayreh Dashat Valley, 37°17'N55°57'E, 16.VI.2007, leg. E. Heiss, 2 ex. (CRG).  
Distribution: Azerbaijan, Iran, Turkmenistan (LÖBL & SMETANA 2008).

***Pachyscelis (Pachyscelis) musiva musiva* (Ménétriés, 1832)**

Material examined: Iran/Gilan, 2 km E Tutkabon, 200 m, 14.IV.2011, leg. H. Mühle, 1 ex. (CRG).  
Distribution: Armenia, Azerbaijan, Iran, Iraq, South European Territory of Russia, Turkey (LÖBL & SMETANA 2008).  
Remarks: The determination follows KWIETON (1980) who do not refer to the ssp. *leprosa* Faldermann, 1837 and ssp. *mammillata* Faldermann, 1837, mentioned in the catalogue of LÖBL & SMETANA (2008).

***Pachyscelis (Pachyscelis) musiva achaemenia* Bogatchev, 1949**

Material examined: Iran/Fars, 30 km N Shiraz, 29°56.334'E/52°13.033'E, 2300 m, 20.IV.2011, leg. H. Mühle, 4 ex. (CRG). – Iran/Cahar Mahali-o-Bakhtiyari,

E Chadegan, Abadchi, dry valley with spring, 2100 m, 32°45'58"N/50°45'01"E, 11.V.2012, leg. D. Frenzel, 1 ex. (NME). – Iran/Cahar Mahali-o Bakhtiyari, E Chadegan, Abadchi, valley in semi desert, 2160 m, 32°45'58"N/50°45'01"E, 11.V.2012, leg. J. Weipert, 1 ex. (NME). – Iran/Cahar Mahali-o Bakhtiyari, Harunie, stream/dry slopes, 2300 m, 32°23'57"N/50°34'17"E, 10.V.2005, leg. D. Frenzel, 2 ex. (NME). – Iran/Luristan, Oshtoron Kuh, nr. Dorud, (Mahmud Abad), 30.IV.2014, leg. W. Heinz, 1 ex. (NME).  
Distribution: Iran (LÖBL & SMETANA 2008).

***Pachyscelis (Pachyscelis) remaudierei* Pierre, 1968.**

Material examined: Iran/Tehran, S-Elburz, Kondor nr. Kuraj, brook valley, 35°50'19"N/51°05'21"E, 1640 m, leg. D. Frenzel, 1 ex. (CRG). – Iran/Quazvin, S Rudbar, Jamalabad, river course, 1000–1110 m, 36°24'10"N/49°29'28"E, 30.IV.2012, leg. D. Frenzel, 1 ex. (NME).  
Distribution: Iran (LÖBL & SMETANA 2008).

***Pimelia (Pimelia) bajula solieri* Mulsant & Wachanru, 1853**

Material examined: Iran/Fars, Dash-e Arzhan, sparse oak forest, 29°34'02"N/52°56'44"E, 2100–2300 m, 29.IV. 2010, leg. J. Weipert, 2 ex. (NME). – Iran/Fars, 30 km N Shiraz, 29°56.334'E/52°13.033'E, 2300 m, 20.IV.2011, leg. H. Mühle, 9 ex. (CRG). – Iran/Kermansha, Bakhtaran (= Kermansha), 1400 m, 11.–31.V.1991, leg. H. Scherm, 4 ex. (CRG). – Iran, Fars, Eqlid via Gardaneh, Timur Gun, 2400 m, 6.–7.VI.2005, leg. A. Hoffmann & J.-U. Meineke, 1 ex. (CRG). – Iran/Kohgiluyeh ve Duyer Ahmad, between Lordegan and Dorehan (Dalvarah), pass 2200 m, 20.IV.2014, leg. W. Heinz, 1 ex. (CRG), 6 ex. (NME). – Iran/Cahar Mahali-o Bakhtiyari, between Kuhrang and Soudejan, 29.IV.2014, leg. W. Heinz, 1 ex. (CRG), 3 ex. (NME).  
Distribution: Cyprus, Iran, Turkey (LÖBL & SMETANA 2008).

***Pimelia (Pimelia) gracilipes* Sénac, 1886**

Material examined: Iran/Tehran, 25 km E Tehran, 1800 m, 2001, leg. G. Müller, 1 ex. (CRG). – Iran/Tehran, 40 km E Tehran, 2500 m, 2001, leg. G. Müller, 2 ex. (CRG). – Iran/Tehran, 58 km E Tehran, 2800 m, 2001, leg. G. Müller, 1 ex. (CRG). – Iran/Tehran, 65 km E Tehran, 2800 m, 2001, leg. G. Müller, 3 ex. (CRG).

– Iran/Semnan, 10 km N Semnan, 2600 m, 2001, leg. G. Müller, 1 ex. (CRG). – Iran/Semnan, 30 km NNE Semnan, 2600 m, 2001, leg. G. Müller, 2 ex. (CRG). – Iran/Esfahan, 20 km N Meymeh, 2100 m, 31.V.2005, leg. A. Hofmann & J.-U. Meineke, 4 ex. (CRG). – Iran/Esfahan, pass W Qamsar, 2500 m, 9.VII.2004, leg. H. Mühle, 1 ex. (CRG).  
Distribution: Afghanistan, Iran (LÖBL & SMETANA 2008).

***Pimelia (Pimelia) torquata Baudi di Selve, 1875***

Material examined: Iran/Esfahan, W Semirom, Peshme-Kuh, high mountain valley, 2800 m, 31.V.–2.VI.2004, leg. A. Hofmann, J.-U. Meineke & G. Tremewan, 2 ex. (CRG). – Iran/Esfahan, 3 km S Qader Abad, 30°18.803'N/53°12.784'E, 1.IV.2011, leg. H. Mühle, 1 ex. (CRG).  
Distribution: Iran (LÖBL & SMETANA 2008).

***Pimelia (Pimelia) tricostata tricostata Gebien, 1913***

Material examined: Iran/Kerman, 20 km W Baft, Gad Timur Gun, 2300 m, 27.V.2004, leg. A. Hofmann, J.-U. Meineke & G. Tremewan, 1 ex. (CRG). – Iran/Kerman, Kuh-e Lalehzar, nr. Lalehzar vill., 3110–3300 m, 29°28'35"N/56°49'15"E, mountaine steppe, 3.VI.2014, leg. D. Wrase & B. Laser, 1 ex. (CRG), 1 ex. (NME). – Iran/Kerman, Kuh-e Lalehzar, Lalehzar vill., 2830 m, 29°31'22.6"N/56°48'18.2"E, cultivated land, 4.VI.2014, leg. A. Weigel, 2 ex. (CRG), 5 ex. (NME).  
Distribution: Iran, Pakistan (LÖBL & SMETANA 2008).

***Pimelia (Pimelia) tuberculata***

**Fischer von Waldheim, 1832**

Material examined: Iran/Ardabil, S Namia, border of gravel pit, 1340 m, 38°22'16"N/48°26'00", 2.V.2012, leg. D. Frenzel, 2 ex. (CRG), 6 ex. (NME). – Same data, but leg. J. Weipert, 2 ex. (CRG), 6 ex. (NME). – Iran/Ardabil, Savalan, Shiran Dere, S Lahmud, 2000–2500 m, 22.VII.2004, leg. H. Mühle, 2 ex. (CRG).  
Distribution: Azerbaijan, Iran (LÖBL & SMETANA 2008).

***Thriptera kraatzi Haag-Rutenberg, 1876***

Material examined: Iran/Hormozgan, Qeshem Island, Mesen env., wetland, 15 m, 26°44'46"N/56°00'15"E, 10.III.2014, leg. D. Frenzel, 4 ex. (CRG), 13 ex. (NME). – Iran/Hormozgan, Gur Band, mountain slopes with reservoir, 70 m, 27°19'05"N/57°00'22"E, 4.III.2014, leg. J. Weipert, 1 ex. (NME). – Iran/Hormozgan,

Genu, volcano source and course of brook, 210 m, 27°26'45"N/56°18'22"E, 11.III.2014, leg. D. Frenzel, 3 ex. (NME). – Same data, but leg. J. Weipert, 1 ex. (CRG), 6 ex. (NME). – Iran/Hormozgan, Sarhanaian mountains, Sarhanaian, 410 m, 27°38'39"N/56°44'06"E, 6.–7. III.2014, leg. D. Frenzel, 2 ex. (NME). – Same data, but leg. J. Weipert, 1 ex. (NME). – Iran/Hormozgan, Kish Island, Baghoo village, 3 m, 26°31'31"N/53°55'41"E, 8.III.2014, leg. D. Frenzel, 1 ex. (NME). – Iran/Hormozgan, Banooband, Genu-Mountains, 740–800 m, 27°22'01"N/56°09'45"E, 11.III.2014, leg. J. Weipert, 1 ex. (CRG), 8 ex. (NME).

Distribution: Egypte, Ethiopia, India, Iran, Jordania, Oman, Pakistan, Saudi Arabia, Sinai, Somalia, Sudan, Yemen (KWIETON 1981, LÖBL & SMETANA 2008).

***Trachyderma (Atrachyderma) menetriesi robusta***  
**(Faust, 1875)**

Material examined: Iran/Tehran, steppe S Tehran, 2001, leg. G. Müller, 1 ex. (CRG).  
Distribution: Afghanistan, Iran (LÖBL & SMETANA 2008).

***Trachyderma (Trachyderma) christophi christophi***  
**(Faust, 1875)**

Material examined: Iran/Kerman, Rayan, township, [no date stated], leg. J.-U. Meineke, 1 ex. (CRG). – Iran/Kerman, Kerman N, Darb-e Asiat, waterfall nr. Kuh-payeh, ravine/gravel bar, 30°31'18.4"N/57°9'44.6"E, 2600 m, 7.VI.2014, leg. A. Weigel, 1 ex. (NME). – Same data, but leg. P. Schnitter, 1 ex. (NME).  
Distribution: Armenia, Afghanistan, Iran, South European Territory of Russia, Turkmenistan (LÖBL & SMETANA 2008).

***Trachyderma (Trachyderma) perseae perseae***  
**(Baudi di Selve, 1875)**

Material examined: Iran/Hormozgan, Gur Band, mountain slopes with reservoir, 70 m, 27°19'05"N/57°00'22"E, 4.III.2014, D. Frenzel leg., 1 ex. (CRG).  
Distribution: Iran, Pakistan (LÖBL & SMETANA 2008).

***Trachyderma (Trachyderma) philistina***  
**Reiche & Sauley, 1857**

Material examined: Iran/Kerman, Dowlatabat, farmland with artificial irrigation, 1120 m, 28°18'23"N/56°37'54"E, 13.III.2014, D. Frenzel leg., 1 ex. (NME). – Iran/Kerman,

Kerman S, Mahan env., 2200 m, 19°58'N/57°17'E, 17.V.2014, leg. S. Kazemi, 1 ex. (NME). – Iran/Kerman, Kerman S, Mahan, orchard, 2190 m, 29.IV.2014, leg. P. Schnitter, 1 ex. (NME). – Iran/Hormozgan, Qeshem Island, Mesen env., wetland, 15 m, 26°44'46"N/56°00'15"E, 10.III.2014, leg. D. Frenzel, 1 ex. (CRG). – Iran/Hormozgan, Gur Band, mountain slopes with reservoir, 70 m, 27°19'05"N/57°00'22"E, 4.III.2014, leg. J. Weipert, 1 ex. (NME). – Iran/Hormozgan, Qeshm Island, Tola nr. Qeshm, lagoon nr. mangrove, 2 m, 26°59'27.1"N/56°12'17.8"E, 5.III.2015, leg. P. Schnitter, 1 ex. (CRG), 1 ex. (NME). – Iran/Khuzestan, between Shustar and Haftgel, 200 m, 19.IV.2014, leg. W. Heinz, 1 ex. (CRG), 1 ex. (NME). Distribution: Egypt, Bahrain, Cyprus, Greece, India, Iran, Iraq, Israel, Jordania, Oman, Saudi Arabia, Sinai, Syria, Turkey, United Arab Emirate, Yemen (KASZAB 1982, LÖBL & SMETANA 2008).

#### **Adesmiini Lacordaire, 1859**

##### ***Adesmia (Adesmia) fischeri fischeri* Faldermann, 1837**

Material examined: Iran/Fars, W Eqlit (Erlit), Gard Timur Gun, 2700–2900 m, 31.V.2004, leg. A. Hofmann, J.-U. Meineke & G. Tremevan, 2 ex. (CRG). – Iran/Ardabil, Dhar ye che-ye Neor, 2500 m, 21.VII.2004, leg. H. Mühle, 3 ex. (CRG). – Iran/Luristan, Oshtoron Kuh nr. Dorud (Mahmud Abad), 1800 m, 30.IV.2014, leg. W. Heinz, 1 ex. (NME).

Distribution: Armenia, Iran, Turkey (LÖBL & SMETANA 2008).

##### ***Adesmia (Adesmia) fischeri interposita***

###### **Bogatchev, 1964**

Material examined: Iran/Azerbaijan, Sahand western slope, nr. Azarshahr/Haftchesheme, 1800–2050 m, 11.IV.2014, leg. W. Heinz, 1 ex. (CRG).

Distribution: Iran/Azerbaijan (LÖBL & SMETANA 2008).

##### ***Adesmia (Adesmia) karelini karelini***

###### **Fischer von Waldheim, 1835**

Material examined: Iran/Tehran, 65 km E Tehran, 2800 m, 2001, leg. G. Müller, 8 ex. (CRG). – Iran/Tehran, 40 km E Tehran, 2500 m, 2001, leg. G. Müller, 8 ex. (CRG). – Iran/Tehran, 65 km E Tehran, 2800 m, 2001, leg. G. Müller, 4 ex. (CRG). – Iran/Tehran, 58 km E Tehran, 2800 m, 2001, leg. G. Müller, 8 ex. (CRG). –

Iran/Tehran, 25 km E Tehran, 1800 m, 2001, leg. G. Müller, 1 ex. (CRG). – Iran/Semnan, 10 km N Semnan, 2600 m, 2001, leg. G. Müller, 12 ex. (CRG). – Iran/Semnan, 30 km NNW Semnan, 2600 m, 2001, leg. G. Müller, 6 ex. (CRG). – Iran/Semnan, 25 km NNW Semnan, 2600 m, 2001, leg. G. Müller, 9 ex. (CRG).

Distribution: Iran, Turkmenistan, Uzbekistan, China: Xinjiang (LÖBL & SMETANA 2008).

##### ***Adesmia (Adesmia) tenebrosa* Solier, 1835**

Material examined: Iran/Esfahan, W Semirom, Peshme-Kuh, high mountain valley, 2800 m, 31.V.–2.VI.2004, leg. A. Hofmann, J.-U. Meineke & G. Tremevan, 3 ex. (CRG). – Iran/Fars, W Eqlit (Erlit), Gard Timur Gun, 2700–2900 m, 31.V.2004, leg. A. Hofmann, J.-U. Meineke & G. Tremevan, 5 ex. (CRG). – Iran/Esfahan, W Semirom, Peshme-Kuh, 2800 m, 2.–3.VI.2005, leg. A. Hofmann & J.-U. Meineke, 1 ex. (CRG). – Iran/Esfahan, E Yasuj, Kuhe Dena, pass, 3400 m, 8.VI.2005, leg. A. Hoffmann & J.-U. Meineke, 1 ex. (CRG). – Iran/Markazi, 10 km SSE Tafresh, pass, 2400 m, 31.V.2005, leg. A. Hoffmann & J.-U. Meineke, 1 ex. (CRG). – Iran/Markazi, Tafresh via Dastgerd, 2300–2500 m, 15.–16.VI.2005, leg. A. Hofmann & J.-U. Meineke, 4 ex. (CRG). – Iran/Esfahan, NW Khousar-pass, 2800 m, 11.VI.2005, leg. A. Hofmann & J.-U. Meineke, 2 ex. (CRG). – Iran/Yazd, Sir Kuh, SW Taft, Damak Aliabat, 2600 m, 4.–6.VI.2005, leg. A. Hofmann & J.-U. Meineke, 5 ex. (CRG). – Iran/Chaharamahal-va Bakhtiari, S Borujen, 6 km S Dorahun, 1850–2100 m, 1.VI.2005, leg. A. Hofmann & J.-U. Meineke, 1 ex. (CRG). – Iran/Kerman, W Jiroft, Shingera, 2800 m, 26.–27.V.2004, leg. A. Hofmann, J.-U. Meineke & G. Tremevan, 1 ex. (CRG). – Iran, Kerman, SW Bam, Deh Bakri, 2000–2200 m, 18.–21.V.2004, leg. A. Hofmann, J.-U. Meineke & G. Tremevan, 1 ex. (CRG). – Iran/Esfahan, pass W Qamsar, 2500 m, 9.VII.2004, leg. H. Mühle, 2 ex. (CRG). – Iran/Esfahan, 10 km NW Chadegan, 13.VII.2004, leg. H. Mühle, 2 ex. (CRG). – Iran/Ardabil, Dhar ye che-ye Neor, 2500 m, 21.VII.2004, leg. H. Mühle, 3 ex. (CRG). – Iran/Cahar Mahali-o-Bakhtiari, E Chadegan, Abadchi, valley in semi desert, 2160 m, 32°45'58"N/50°45'01"E, 11.V.2012, leg. J. Weipert, 3 ex. (NME). – Iran/Esfahan, 10 km SW Quamsar, Kamoo, dry valley with brook, 33°39'37"N/51°16'04"E, 2650 m, 12.V.2012, leg. J. Weipert, 4 ex. (NME).

– Iran/Quazvin, S Rudbar, Jamalabad, river course, 36°24'10"N/49°29'28"E, 1000–1100 m, 30.IV.2012, leg. J. Weipert, 2 ex. (NME). – Iran/Chahar Mahali-o-Bakhtiyari, E Chadegan, Abadchi, dry valley with spring, 2100 m, 32°45'58"N/50°45'01"E, 11.V.2012, leg. D. Frenzel, 2 ex. (NME). – Iran/Chahar Mahali-o-Bakhtiyari, Harunie, stream/dry slopes, 2300 m, 32°23'57"N/50°34'17"E, 10.V.2005, leg. D. Frenzel, 5 ex. (NME). – Iran/Esfahan, 10 km SW Qamsar, Kamoo, dry valley with creek, 2650 m, 33°39'37"N/51°16'04"E, 12.V.2012, leg. D. Frenzel, 3 ex. (NME). – Iran/Kerman, Kuh-e Lalehzar, well area/snowfield, 29°27'18.3"N/56°46'11.8"E, 3610 m, 4.VI.2014, leg. P. Schnitter, 8 ex. (NME). – Iran/Kerman, Kuh-e Lalehzar, Lalehzar vill., brook valley/orchard, 3100 m, 29°28'35.6"N/56°49'15.5"E, 3.VI.2014, leg. P. Schnitter, 2 ex. (NME). – Same data, but leg. A. Weigel, 2 ex. (CRG), 7 ex. (NME). – Iran/Kerman, Kuh-e Lalehzar, Lalehzar vill., cultivated land, 2830 m, 29°31'22.6"N/56°48'18.2"E, 4.VI.2014, leg. A. Weigel, 4 ex. (NME). – Iran/Kerman, Kuh-e Lalehzar, nr. Lalehzar vill., mountain steppe, 3110–3300 m, 29°28'35"N/56°49'15"E, 3.VI.2014, leg. D. Wrase & B. Laser, 4 ex. (NME). – Iran/Kerman, Kuh-e Lalehzar, nr. Lalehzar vill., river valley, 3000–3600 m, 29°28'41"N/56°48'21"E, 2.VI.2014, leg. D. Wrase & B. Laser, 7 ex. (NME). – Iran/Kerman, Kerman N, Darb-e Asiab, waterfall nr. Kuhpayen, ravine/gravel bar, 30°31'28.4"N/57°09'54.6"E, 2600 m, 7.VI.2014, leg. Weigel, 2 ex. (NME).  
Distribution: Iran (LÖBL & SMETANA 2008).

***Adesmia (Adesmia) persiana* Reitter, 1916**

Material examined: Iran/Hormozgan, Sarhanaian mountains, Sarhanaian, 410 m, 27°38'39"N/56°44'06"E, 6.–7.III.2014, leg. D. Frenzel, 1 ex. (CRG), 1 ex. (NME). – Iran/Hormozgan, N Shamil, outlet of reservoir, 130 m, 27°32'31"N/56°50'24"E, 6.III.2014, leg. D. Frenzel, 1 ex. (NME). – Iran/Hormozgan, Achmadin, Kuh-e Bakhun, dry riverbed, 980 m, 27°55'11"N/56°41'24"E, 12.III.2014, leg. D. Frenzel, 1 ex. (CRG). – Iran/Hormozgan, Isine, stony riverbed with saltwater, 220 m, 27°30'26"N/56°15'37"E, 11.III.2014, leg. D. Frenzel, 1 ex. (NME). – Iran/Hormozgan, Faryab env., stream with standing water, 27°26'15"N/57°03'23"E, 400 m, 5.III.2014, leg. D. Frenzel, 1 ex. (NME). – Iran/Hormozgan, Gur Band, mountain slopes/valley with reser-

voir, 27°19'05"N/57°00'22"E, 70 m, 4.III.2014, leg. J. Weipert, 5 ex. (NME).

Distribution: Iran, Pakistan (LÖBL & SMETANA 2008).

***Adesmia (Macradesmia) servillei chaldaea* Koch, 1951**

Material examined: Iran/Esfahan, Ali Abbas, 33°43.497'N/52°03.481'E, 10.IV.2011, 980 m, leg. H. Mühle, 10 ex. (CRG). – Iran/Esfahan, 3 km S Qader Abad, 30°18.803'N/53°12.784'E, 1.IV.2011, leg. H. Mühle, 1 ex. (CRG). – Iran/Tehran, W Najmaabad, salt desert/camp area, 1200 m, 35°55'04"N/50°33'18"E, 7.V.2012, leg. D. Frenzel, 1 ex. (NME). – Iran/Kerman, 30°11'28.1"N/57°29'41.1"E, dry stony slopes, 30.V.2014, leg. D. Wrase & B. Laser, 1 ex. (NME).  
Distribution: Iran (LÖBL & SMETANA 2008).

***Adesmia (Macradesmia) servillei fagergreenii***

**Baudi di Selve, 1874**

Material examined: Iran/Fars, 30 km N Shiraz, 29°56.334'N/52°13.033'E, 2300 m, 20.IV.2011, leg. H. Mühle, 7 ex. (CRG). – Iran/Fars, Eglid via Gardaneh, Timur Gun, 2400 m, 6.–7.VI.2005, leg. A. Hofmann & J.-U. Meineke, 1 ex. (CRG). – Iran/Fars, Eglit (Erlit) W, Timur Gun, 2700–2900 m, 31.V.2004, leg. A. Hofmann, J.-U. Meineke & G. Tremevan, 1 ex. (CRG).  
Distribution: Iran (LÖBL & SMETANA 2008).

***Adesmia (Macradesmia) servillei holdhausi***

**Reitter, 1916**

Material examined: Iran/Busher, 10 km SE Sardasht, 30 m, 4.IV.2011, leg. H. Mühle, 3 ex. (CRG). – Iran/Busher, 15 km NE Sardasht, 30°20.148'N/50°47'8"E, 220 m, 4.IV.2011, leg. H. Mühle, 1 ex. (CRG). – Iran/Busher, 5 km E Bandar-e Gonnaveh, 30 m, 4.IV.2011, leg. H. Mühle, 2 ex. (CRG). – Iran/Khuzestan, env. Izeh, 1000 m, 20.IV.2014, leg. W. Heinz, 2 ex. (NME).  
Distribution: Iran (LÖBL & SMETANA 2008).

***Adesmia (Macradesmia) servillei schusteri***

**Reitter, 1916**

Material examined: Iran/Hormozgan, Achmadin, Kuh-e Bakhun, dry riverbed, 980 m, 27°55'11"N/56°41'24"E, 12.III.2014, leg. D. Frenzel, 2 ex. (CRG), 3 ex. (NME). – Iran/Hormozgan, Ziyarat Ali, plateau & course of brook, 585 m, 27°41'06"N/57°09'33"E, 5.III.2014, leg. J. Weipert, 1 ex. (NME).  
Distribution: Iran, Pakistan (LÖBL & SMETANA 2008).

***Adesmia (Macradesmia) servillei servillei* Solier, 1835**

Material examined: Iran/Kermansha, Bakhtaran (= Kermansha), 1400 m, 11.–31.V. 1991, leg. H. Scherm, 2 ex. (CRG). – Iran/Hormozgan, NW Minab, Gur Band, 27°18'19.2"N/57°00'45.6"E, agriculture area, 9.III.2015, leg. P. Schnitter, 1 ex. (NME).

Distribution: Iran (LÖBL & SMETANA 2008).

Remarks: KOCH (1951) distinguished seven subspecies. An additional subspecies was described by KASZAB (1959). Six subspecies occur in the Iranian realm which in part varies morphologically significantly. Thus the detailed study of a larger material might point out that some of the subspecies in reality are different species.

***Adesmia (Oteroscelis) audouini audouini* Solier, 1835**

Material examined: Iran/Fars, 35 km N Shiraz, 29°56.309'N/52°23.759'E, 1700 m, 2.IV.2011, leg. H. Mühle, 7 ex. (CRG). – Iran/Luristan, 43 km SW Khorramabad, 33°26.379'N/47°56.558'E, 900 m, 7.IV.2011, leg. H. Mühle, 1 ex. (CRG). – Iran/Fars, env. Kazeroun, Dasht-e Barm, 33°26.379'N/47°56.558'E, 1250 m, 21.IV.2011, leg. H. Mühle, 5 ex. (CRG). – Iran/Fars, Eglid via Gardaneh, Timur Gun, 2400 m, 6.–7.VI.2005, leg. A. Hofmann & J.-U. Meineke, 1 ex. (CRG). – Iran/Azarbaijan, western slope of Sahand, nr. Azarshan/Haftcheshe, 2150 m, 11.IV.2014, leg. W. Heinz, 1 ex. (CRG), 7 ex. (NME). – Iran/Kordestan, Divandarreh, 1800 m, 15.IV.2014, leg. W. Heinz, 1 ex. (CRG), 7 ex. (NME). – Iran/Kordestan, 20 km NE Sanandaj, 1700 m, 15.IV.2014, W. Heinz leg., 1 Ex. (CRG), 6 ex. (NME). – Iran/Kerman, S Kerman, Mahan, dry orchard, 29°58'17.0"N/57°17'52.4"E, 2190 m, 29.IV.2014, leg. D. Wrase & B. Laser, 2 ex. (NME). – Iran/Fars, Pasargad, env. tomb of cyrus, 1870 m, 30°11'42"N/53°10'06"E, 27.IV.2010, leg. D. Frenzel, 1 ex. (CRG). – Iran/Fars, Dash-e Arzhan, *Quercus-Pistacea* nature reserve, 2100–2300 m, 29°34'02"N/51°56'44"E, 29.IV.2010, leg. D. Frenzel, 1 ex. (CRG), 1 ex. (NME). – Same data, but leg. A. Weigel, 1 ex. (NME). – Iran/Fars, Khane Zenian, Ghareaghaj bridge, 1990 m, 29°41'15"N/52°06'00", 29.IV.2010, leg. A. Weigel, 2 ex. (NME). – Iran/Quazvin, S Rudbar, Jamalabad, river course, 36°24'10"N/49°29'28"E, 1000–1100 m, 30.IV.2012, leg. J. Weipert, 3 ex. (NME). – Iran/Cahar Mahal-o Bakhtiyari, E Chadegan, Abadchi, valley in semi desert, 2160 m, 32°45'58"N/50°45'01"E, 11.V.2012, leg. J. Weipert, 2 ex. (NME). – Iran/Cahar

Mahali-o-Bakhtiyari, Harunie, stream/dry slopes, 2300 m, 32°23'57"N/50°34'17"E, 10.V.2005, leg. D. Frenzel, 1 ex. (NME). – Iran/Cahar Mahali-o-Bakhtiyari, E Chadegan, Abadchi, dry valley with spring, 2100 m, 32°45'58"N/50°45'01"E, 11.V.2012, leg. D. Frenzel, 1 ex. (NME). – Iran/Cahar Mahali-o Bakhtiyari, between Kuhrang and Soudejan, 2200 m, 29.IV.2014, leg. W. Heinz, 1 ex. (NME). – Iran/Luristan, Oshteron Kuh nr. Dorud (Mahmud Abad), 1800 m, 30.IV.2014, leg. W. Heinz, 1 ex. (NME).

Distribution: Armenia, Iran (LÖBL & SMETANA 2008).

**Tentyriini Eschscholtz, 1831**

***Calyptopsis clypeata* Faust 1875**

Material examined: Iran/Tehran, 40 km E Tehran, 2500 m, 2001, leg. G. Müller, 5 ex. (CRG). – Iran/Tehran, 58 km E Tehran, 2800 m, 2001, leg. G. Müller, 2 ex. (CRG). – Iran/Tehran, 65 km E Tehran, 2800 m, 2001, leg. G. Müller, 2 ex. (CRG). – Iran/Semnan, 30 km NNW Semnan, 2600 m. 2001, G. Müller leg., 2 ex. (CRG). – Iran/Semnan, 25 km N Semnan, 2600 m. 2001, G. Müller leg., 1 ex. (CRG).

Distribution: Afghanistan, Iran, Turkmenistan (LÖBL & SMETANA 2008).

***Calyptopsis emarginata* Reitter, 1889**

Material examined: Iran/Mazandaran, Central Elburz, Kandovan Pass, 36°09'10"N/51°18'99"E, 3000 m, 31.V.2008, leg. D. Frenzel, 1 ex. (CRG). – Same data, but leg. J. Weipert, 1 ex. (CRG), 4 ex. (NME).

Distribution: Azerbaijan, Turkey (LÖBL & SMETANA 2008), Iran (new record).

***Calyptopsis incerta* Faust 1875**

Material examined: Iran/Mazandaran, 60 km SSE Sari, 2500 m, 2001, leg. G. Müller, 1 ex. (CRG). – Iran/Semnan, 25 km N Semnan, 2600 m, 2001, leg. G. Müller, 1 ex. (CRG). – Iran/Semnan, 10 km N Semnan, 2600 m, 2001, leg. G. Müller, 1 ex. (CRG). – Iran/Tehran, 58 km E Tehran, 2800 m, 2001, leg. G. Müller, 1 ex. (CRG). – Iran/Mazandaran, Firooz Kola, high plain, 36°23'12"N/51°56'11"E, 1500–1600 m, 6.V.2010, leg. A. Weigel, 3 ex. (NME). – Iran/Mazandaran, Firooz Kola, high mountain valley, 1500–1600 m, 6.V.2010, leg. A. Weipert, 1 ex. (NME). – Iran/Mazandaran, Takhir, 36°11'33"N/52°04'29"E, 1600 m, 7.V.2010, leg.



A. Weigel, 1 ex. (NME). – Iran/Mazandaran, env. Lashak, 1600–1700 m, 36°23'18"N/51°39'12"E, 6.V.2010, leg. D. Frenzel, 4 ex. (NME). – Iran/Mazandaran, 10 km W Pol-e Sefid, 870 m, mountain slope, 36°05'43"N/5°57'20"E, 6.V.2012, leg. D. Frenzel, 1 ex., (NME).

Distribution: Iran, Turkmenistan (LÖBL & SMETANA 2008).

#### ***Calyptopsis punctiventris* (Baudi di Selve, 1874)**

Material examined: Iran/Golestan, Golestan Nat. Park, Tangegol, 37°22'N/55°56'E, 30.VI.2007, leg. E. Heiss, 1 ex. (CRG).

Distribution: Iran (KÜHNELT 1957), Turkmenistan (LÖBL & SMETANA 2008).

#### ***Girardius persicus* (Baudi di Selve, 1874)**

Material examined: Iran/Ilam, 65 km SW Dehloran, nr. Zarinabad, 400 m, 18.V.2014, leg. W. Heinz, 2ex. (NME). – Iran/Hormozgan, Sikhoran E, little river in the mountains, 940 m, 27°49'52"N/56°33'06"E, 12.III.2014, leg. D. Frenzel, 1 ex. (CRG).

Distribution: Iran (LÖBL & SMETANA 2008 under *Micipsa* (*Micipsa*) *persica* Baudi di Selve), Qatar (SOL-DATI 2009).

#### ***Hyperops (Belutschistanops) doriae***

##### **Baudi di Selve, 1874**

Material examined: Iran/Hormozgan, Sarhanaian mountains, Sarhanaian, 410 m, 27°38'39"N/56°44'06"E, 6.–7.III.2014, leg. D. Frenzel, 4 ex. (CRG), 10 ex. (NME). – Same data but, leg. J. Weipert, 15 ex. (NME). – Iran/Hormozgan, Ziyarat Ali S, high plain and course of brook, 585 m, 27°41'06"N/57°09'33"E, 5.III.2014, leg. D. Frenzel, 1 ex. (CRG), 5 ex. (NME). – Iran/Hormozgan, river valley with saltwater, 220 m, 27°30'26"N/56°15'37"E, 11.III.1914, leg. D. Frenzel, 4 ex. (NME). – Iran/Hormozgan, 2 km E Hajiabad, high plain with water canal, 1000 m, 28°19'03"N/55°57'28"E, 12.III.2014, leg. D. Frenzel, 1 ex. (CRG), 6 ex. (NME). – Iran/Hormozgan, Gur Band, mountain slopes/valley with reservoir, 70 m, 27°19'05"N/57°00'22"E, 4.III.2014, leg. D. Frenzel, 2 ex. (CRG), 7 ex. (NME). – Same data, but leg. J. Weipert, 5 ex. (NME). – Iran/Hormozgan, Kish Island, Baghoo village, 3 m, 26°31'31"N/53°55'41"E, 8.III.2014, leg. D. Frenzel, 1 ex. (CRG), 4 ex. (NME). Same data,

but leg. J. Weipert, 1 ex. (CRG). – Iran/Hormozgan, Achmadin, Kuh-e Bakhun, dry riverbed, 980 m, 27°55'11"N/56°41'24"E, 12.III.2014, leg. D. Frenzel, 1 ex. (NME). – Iran/Hormozgan, Genu, volcano source and course of brook, 210 m, 27°26'45"N/56°18'22"E, 11.III.2014, leg. D. Frenzel, 4 ex. (NME). – Same data, but leg. J. Weipert, 2 ex. (NME). – Iran/Hormozgan, Minab, wide river with bodies of stagnant water, 27°09'21"N/57°04'55"E, 50 m, 4.III.2014, leg. J. Weipert, 5 ex. (NME). – Iran/Hormozgan, NW Minab, Gur Band, 27°18'19.2"N/57°00'45.6"E, agriculture area, 35 m, 9.III.2015, leg. P. Schnitter, 5 ex. (CRG), 53 ex. (NME). – Iran/Hormozgan, NNE Bandar Abbas, Shamil vill., dry river/stony slopes, 80 m, 27°30'11.1"N/36°52'45.9"E, 11.III.2015, leg. P. Schnitter, 2 ex. (CRG), 17 ex. (NME). – Iran/Hormozgan, N Bandar Abbas/Genu, Seyahn, agricultural area/ruderal, 569 m, 27°42'35.7"N/56°18'21.2"E, 10.III.2015, leg. P. Schnitter, 5 ex. (CRG), 59 ex. (NME). – Iran/Kerman, Dowlatbat, farmland with artificial irrigation, 1120 m, 28°18'23"N/56°37'54"E, 13.III.2014, leg. D. Frenzel, 1 ex. (CRG), 4 ex. (NME). Distribution: Iran (LÖBL & SMETANA 2008).

#### ***Imatismus villosa* (Haag-Rutenberg, 1870)**

Material examined: Hormozgan, E Bandar Abbas, open salt plain, 18 m, 27°16'55"N/56°27'43"E, 4.III.2014, leg. D. Frenzel, 1 ex. (NME). – Iran/Hormozgan, Kish Island, Baghoo village, 3 m, 26°31'31"N/53°55'41"E, 8.III.2014, leg. D. Frenzel, 1 ex. (CRG).

Distribution: Angola, Chad, Cyprus, Egypt, Ethiopia, Greece, Guinea, Iran, Israel, Italy, Lebanon, Libya, Mauritania, Morocco, Niger, Oman, Pakistan, Saudi Arabia, Senegal, Sinai, Spain, Sudan, Syria, Tunisia, Yemen (LILLIG & BREMER 2002, LÖBL & SMETANA 2008).

#### ***Mesostena (Mesostena) puncticollis* Solier, 1835**

Material examined: Iran/Busher, 10 km SE Sardashd, 30 m, 4.IV.2011, leg. Mühle, 2 ex. (CRG). – Iran/Luristan, 5 km S Malavi, 33°15,070'N/47°49,764E, 800 m, 6.IV.2011, leg. H. Mühle, 16 ex. (CRG). – Iran/Esfahan, Ali Abbas, 33°43,497'N52°03,481E, 980 m, 10.–11.IV.2011, leg. H. Mühle, 19 ex. (CRG). – Iran/Esfahan, Esfahan, 1670 m, University of Technology, 32°43'21"N/51°32'02", 9.V.2012, leg. D. Frenzel, 1 ex. (NME). – Iran/Hormozgan, Kish Island, Baghoo village, 3 m, 26°31'31"N/53°55'41"E, 8.III.2014, leg. D. Frenzel,

zel, 5 ex. (NME). – Iran/Hormozgan, Queshem Island, Mesen, 3 m, dry lagoon, 16°44'48.3"N/56°00'43.2"E, 7.III.2015, leg. P. Schnitter, 1 ex. (NME). – Iran/Kerman, Dowlatabat, farmland with artificial irrigation, 1120 m, 28°18'23"N/56°37'54"E, 13.III.2014, leg. D. Frenzel, 1 ex. (CRG), 1 ex. (NME).

Distribution: Armenia, Iran, Iraq, Israel, Jordanian, Saudi Arabia, Syria, Turkmenistan, Yemen (LÖBL & SMETANA 2008); Qatar (SOLDATI 2009), Sinai (LILLIG & PAVLIČEK 2003).

### *Mesostena (Mesostenopa) dentrix*

#### **(Baudi di Selve, 1874)**

Material examined: Iran/Hormozgan, Genu, volcano source and course of brook, 210 m, 27°26'45"N/56°18'22"E, 11.III.2014, leg. J. Weipert, 1 ex. (CRG), 1 ex. (NME). Iran/Hormozgan, Banooband, Genu Mountains, 700–800 m, 27°22'01"N/56°09'45"E, 11.III.2014, leg. D. Frenzel, 1 ex. (CRG), 3 ex. (NME). – Iran/Hormozgan, Achmadin, Kuh-e Bakhun, dry riverbed, 980 m, 27°55'11"N/56°41'24"E, 12.III.2014, leg. D. Frenzel, 1 ex. (CRG), 1 ex. (NME). – Iran/Hormozgan, Isine, stony riverbed with salt-water, 27°30'26"N/56°15'37"E, 220 m, 11.III.2014, leg. D. Frenzel, 1 ex. (NME). – Iran/Hormozgan, S Ziyarat Ali, high plain and course of brook, 585 m, 27°41'06"N/57°09'33"E, 5.III.2014, leg. D. Frenzel, 1 ex. (CRG), 3 ex. (NME). – ame data, but leg. J. Weipert, 3 ex. (NME). – Iran/Fars, 3 km S Konar Takhteh, 600 m, 3.IV.2011, leg. H. Mühle, 1 ex. (CRG). – Iran/Hormozgan, Sarhanaian mountains, Sarhanaian, 410 m, 27°38'39"N/56°44'06"E, 6.III.2014, leg. J. Weipert, 1 ex. (NME).

Distribution: Iran (LÖBL & SMETANA 2008).

### *Oxycara (Symphoxycara) hansbremeri* Lillig, 2001

Material examined: Iran/Hormozgan, Queshem Island, env. Mesen, 15 m, wetland, 26°44'46"N/56°00'15"E, 10.III.2014, leg. D. Frenzel, 1 ex. (CRG), 2 ex. (NME). – Iran/Hormozgan, Queshem Island, Mesen, 3 m, dry lagoon, 16°44'48.3"N/56°00'43.2"E, 7.III.2015, leg. P. Schnitter, 2 ex. (CRG), 6 ex. (NME).

Distribution: Arab Emirates, Bahrain, Iran, Oman, Yemen (LÖBL & SMETANA 2008), Qatar (SOLDATI 2009).

Remarks: *O. (S.) hansbremeri* was described by LILLIG (2001) also based on specimens from Bandar Lengeh in Iran.

### *Stegastopsis babylonica* Kraatz, 1865

Material examined: Iran/Illam, 20 km S Illam, 17.IV.2011, leg. H. Mühle, 3 ex. (CRG).

Distribution: Iraq, Lebanon (LÖBL & SMETANA 2008); Iran (new record).

### *Stegastopsis crassicornis* Baudi di Selve, 1874

Material examined: Iran/Kohgiluyeh ve Buyer Ahmad, between Lordega and Dorahan, pass 2200 m, (in the region of Balvarah), Bakhtiari area, 20.IV.2014, leg. W. Heinz, 5 ex. (CRG), 12 ex. (NME). – Iran/Kohgiluyeh ve Buyer Ahmad, Kuh-i-Dinar (Dena), nr. Sisakht, 2300–2450 m, 21.IV.2014, leg. W. Heinz, 2 ex. (CRG), 6 ex. (NME). – Iran/ Chahar Mahali-o-Bakhtiari, between Kuhrang and Soudejan, 2200 m, 29.IV.2014, W. Heinz leg., 1 ex. (NME).

Distribution: Iran (LILLIG 2014, LÖBL & SMETANA 2008).

### *Stegastopsis microderoides* (Reitter, 1898)

Material examined: Iran/Kermansha, Bakhtaran (= Kermansha), 1400 m, 11.–31.V.1991, leg. H. Schemm, 8 ex. (CRG).

Distribution: Turkey (LÖBL & SMETANA 2008); Iran (LILLIG 2014).

### *Stegastopsis persica* Baudi di Selve, 1874

Material examined: Iran/Bakhtiari, Ghardameh-ye Cheri (Samsami), 3000 m, 12.VII.2000, leg. H. Mühle, 1 ex. (CRG). – Iran/Fars, Dash-e Arzhan, Quercus-Pistacea nature reserve, 2100–2300 m, 29°34'02"N/51°56'44"E, 29.IV.2010, leg. D. Frenzel, 1 ex. (NME) – Iran/Fars, Pasargad, env. tomb of Cyrus, 30°11'42"N/53°10'06"E, 1870 m, 27.IV.2010, leg. D. Frenzel, 1 ex. (NME). – Iran/Fars, Persepolis, 1600 m, 29°56'07"N/52°53'11"E, 27.IV.2010, leg. E. Weigel, 1 ex. (CRG). – Iran/Esfahan, university of technology, 32°43'21"N/52°32'02"E, 1670 m, 9.V.2012, leg. D. Frenzel, 1 ex. (CRG), 2 ex. (NME). – Iran/Chahar Mahali-o-Bakhtiari, Kouhrange, waterfall Zayandeh rud, 2300–2400 m, 32°27'26"N/50°07'46"E, 10.V.2012, leg. D. Frenzel, 1 ex. (NME).

Distribution: Iran (LÖBL & SMETANA 2008).

### *Tentyria (Tentyria) striatopunctata* Ménétrés, 1832

Material examined: Iran/Ardabil, S Namin, 38°22'16"N 48°26'00"E, 1340 m, littoral of gravel pit, 2.V.2012, leg. J. Weipert, 1 ex. (NME).

Distribution: Armenia, Azerbaijan, Georgia, Iran, South European Territory of Russia, Turkey (LÖBL & SMETANA 2008).

***Tentyrina granulicauda* Koch, 1940**

Material examined: Iran/Khuzestan, 25 km N Omidiyeh, 30°57.571'N/49°32.757'E, 60 m, 5.IV.2011, leg. H. Mühle, 1 ex. (CRG).

Distribution: Iran (LÖBL & SMETANA 2008).

**Tenebrioninae**

**Bolitophagini**

***Bolitophagus interruptus* Illiger, 1800**

Material examined: Iran/Mazandaran, S Now Shahr, Kheirud Kenar forest, 400–900 m, 26°34'24"N51°35'24"E, 4.V.2012, leg. D. Frenzel, 7 ex. (NME), 2 ex. (CRG). – Iran/Golestan, Jahan Nama Prot. Area, Ranger Station env., 36°40'N/54°18'E, 1700 m, 12.–13.VI.2007, leg. E. Heiss, 1 ex. (CRG).

Distribution: Austria, Bosnia Herzegovina, Croatia, Czech Republik, France, Germany, Hungary, Italy, Poland, Romania, Slovakia, Slovenia (LÖBL & SMETANA 2008); Azerbaijan (based on specimens in CRG), Iran (new record).

***Bolitophagus subinteger* Reitter, 1896**

Material examined: Iran/Mazandaran, env. Koliyak, mountain slope, 36°28'18"N/51°40'14"E, 1840 m, 5.V.2010, leg. A. Weigel, 2 ex. (NME).

Distribution: Azerbaijan, Iran (LÖBL & SMETANA 2008).

**Tenebrionini Latreille, 1802**

***Tenebrio angustus* Zoufal, 1892**

Material examined: Iran/Kerman, 10 km S Kerman, semi desert, 30°17'56"N/57°04'38"E, 1750 m, 2.IV.2014, leg. A. Weigel, 1 ex. (NME).

Distribution: Afghanistan, Azerbaijan, Iran, Kazakhstan, Tadjikistan, Turkmenistan, Uzbekistan (LÖBL & SMETANA 2008).

**Alphitobiini Reitter, 1917**

***Alphitobius diaperinus* (Panzer, 1796)**

Material examined: Iran/Hormozgan, Genu, volcanosource and course of brook, 210 m, 27°26'45"N/56°18'22"E, 11.III.2014, leg. D. Frenzel, 1 ex. (NME).

Distribution: Cosmopolitan (LÖBL & SMETANA 2008, SCHAWALLER & GRIMM 2014), Iran (BUNALSKI & al. 2014b).

***Diaclina testudinea* (Piller & Mitterspacher, 1783)**

Material examined: Iran/Mazandaran, N-Elburz, Dohe-sar-River, 36°40'10"N/50°49'17", 470 m, 1.VI.2008, leg. D. Frenzel, 1 ex. (CRG). – Iran/Gilan, Astaneh, river Sa-fid rud, riverbank/litter sifting, 37°15'32"N/49°55'27"E, 3.V.2012, leg. D. Frenzel, 1 ex. (NME).

Distribution: Azerbaijan, Albania, Armenia, Austria, Bosnia Herzegovina, Bulgaria, Croatia, Czech Republic, Georgia, Germany, Greece, Hungary, Iran, Italy, Macedonia, Romania, Slovakia, Slovenia, South European Territory of Russia, Ukraine, Serbia and Montenegro, Turkey (LÖBL & SMETANA 2008).

***Metaclisa viridis* (Motschulsky, 1860)**

Material examined: Iran/Mazandaran, env. Koliyak, mountain slope, 36°28'18"N/51°40'14"E, 1840 m, 5.V.2010, leg. A. Weigel, 3 ex. (NME), 1 ex. (CRG). – Iran/Mazandaran, env. Now Shahr, Kheirud Kenar forest, (distr. Gorazbon), 36°31'38"N/51°38'46"E, 880 m, 2.V.2010, leg. A. WEIGEL, 17 ex. (NME), 4 ex. (CRG). – Iran/Mazandaran, N-Elburz, SW Now Shahr, 36°35'20"N/51°34'05"E, 500 m, 3.VI.2008, leg. J. Weipert, 2 ex. (NME), 1 ex. (CRG). – Iran/Mazandaran, S Now Shahr, Kheirud Kenar forest, 36°34'24"N/51°35'24"E, 400–900 m, 4.V.2012, leg. J. Weipert, 2 ex. (NME). – Same data, but leg. D. Frenzel, 1 ex. (NME). – Iran/Mazandaran, Tashezeh, S Now Shahr, virgin forest, 880 m, 36°31'38"N/51°38'46"E, 2.V.2010, J. Weigel leg., 2 ex. (NME).

Distribution: Azerbaijan, Iran (LÖBL & SMETANA 2008).

**Triboliini Mulsant, 1854**

***Tribolium confusum* Jacquelin du Val, 1861**

Material examined: Iran/Hormozgan, Kish Island, Bag-hoo village, 3 m, 26°31'31"N/53°55'41"E, 8.III.2014, leg. D. Frenzel, 1 ex. (NME).

Distribution: Cosmopolitan (LÖBL & SMETANA 2008), Iran (GHAHARI & BUNALSKI 2011).

**Ulomini Blanchard, 1845**

***Uloma culinaris* (Linnaeus, 1758)**

Material examined: Iran/Gilan, W Hashtpar, Gijau; river/pastures/woods; 240 m, 37°41'19"N/48°51'17"E,

1.V.2012, leg. D. Frenzel, 1 ex. (NME). – Iran/Mazandaran, Now Shahr, Kheiroud Kenar forest, (distr. Gorazbon), 36°31'38"N/51°38'46"E, 880 m, 2.V.2010, leg. A. Weigel, 1 ex. (NME). – Iran/Mazandaran, S Now Shahr, Kheiroud Kenar forest, 36°34'24"N/51°35'24"E, 400–900 m, 4.V.2012, leg. J. Weipert, 1 ex. (CRG), 5 ex. (NME). – Iran/Mazandaran, Kolijak, mountain slope, 36°28'18"N/51°40'14"E, 1840 m, 5.V.2010, leg. A. Weigel, 2 ex. (CRG), 6 ex. (NME). – Iran/Mazandaran, SW Now Shahr, 36°35'20"N/51°34'05"E, 500 m, 3.VI.2008, leg. J. Weipert, 1 ex. (CRG), 8 ex. (NME).  
Distribution: Widely distributed in Europe, in Asia known from Iran and West Siberia (LÖBL & SMETANA 2008).

### **Helopini Lacordaire, 1859**

#### ***Helops (Helops) caeruleus caeruleus (Linnaeus, 1758)***

Material examined: Iran/Mazandaran, env. Now Shahr, Kheiroud Kenar forest, (distr. Nam Khane), 36°33'06"N/51°36'47"E, 1050 m, 3.V.2010, leg. A. Weigel, 2 ex. (CRG), 2 ex. (NME). – Iran/Mazandaran, env. Now Shahr, Kheiroud Kenar forest, (distr. Gorazbon), 36°31'38"N/51°38'46"E, 880 m, 2.V.2010, leg. A. Weigel, 2 ex. (NME).  
Distribution: Widely distributed in West, Central, South and East Europe, and also known from Turkey and Iran (LÖBL & SMETANA 2008).

#### ***Probatiscus (Pelorinus) prometheus (Reitter, 1902)***

Material examined: Iran/Mazandaran, env. Now Shahr, Kheiroud Kenar forest, (distr. Gorazbon), 36°31'38"N/51°38'46"E, 880 m, 2.V.2010, leg. A. Weigel, 2 ex. (CRG). – Iran/Mazandaran, N-Elburz, SW Now Shahr, 36°35'20"N/51°34'05"E, 500 m, 3.VI.2008, leg. J. Weipert, 1 ex. (NME). – Iran/Mazandaran, Gorazbon-District, S of Now Shahr, entry area of forest reserve, 36°36'35"N/51°34'10"E, 40–200 m, 3.V.2010, leg. A. Weigel, 2 ex. (NME). – Iran/Mazandaran, env. Now Shahr, Kheiroud Kenar forest, 36°33'06"N/51°36'47"E, 1050 m, 3.V.2010, leg. D. Frenzel, 2 ex. (NME). – Iran/Mazandaran, env. Now Shahr, Kheiroud Kenar forest, (distr. Nam Khane), 36°33'06"N/51°36'47"E, 1050 m, 3.V.2010, leg. A. Weigel, 3 ex. (NME), 1 ex. (CRG).  
Distribution: Azerbaijan, Iran (LÖBL & SMETANA 2008).

#### ***Probatiscus (Probatiscus) huedepohli Kulzer, 1964***

Material examined: Iran/Tehran, C-Elburz, high meadow below pass, 36°02'32"N/51°25'96"E, 2720–3000 m, 26.V.2008, leg. D. Frenzel, 1 ex. (CRG), 1 ex. (NME).  
Distribution: Iran (LÖBL & SMETANA 2008).

### **Blaptini Leach, 1815**

#### ***Blaps (Blaps) clotzeri Fischer von Waldheim, 1844***

Material examined: Iran/Tehran, 25 km E Tehran, 1800 m, 2001, leg. G. Müller, 1 ex. (CRG). – Iran/Semnan, 25 km NNW Semnan, 2006 m, 2001, leg. G. Müller, 2 ex. (CRG). – Iran/Tehran, Karaj, Univ. of Agriculture, 35°47'N/51°00'E, 1360 m, 30.V.2010, leg. A. Weigel, 8 ex. (NME), 2 ex. (CRG). – Same data, but leg. J. Weipert, 1 ex. (NME). – Same data, but 25.V.–8.VI.2008, leg. D. Frenzel, 2 ex. (NME), 1 ex. (CRG). – Same data, but 29.IV.–12.V.2012, leg. D. Frenzel, 2 ex. (NME). – Iran/Mazandaran, 15 km E Baladeh, Valashid, 36°12'13"N/51°52'31"E, 1980 m, 7.V.2010, leg. A. Weigel, 1 ex. (NME).  
Distribution: Iran, Turkmenistan (LÖBL & SMETANA 2008).

#### ***Blaps (Blaps) deplanata Ménétrière, 1832***

Material examined: Iran/Kerman, Kerman S, Mahan, *Artemisia* high-altitude steppe, 29°53'34.1N/57°20'43.4"E, 2500 m, 1.VI.2014, leg. A. Weigel, 1 ex. (CRG), 1 ex. (NME).  
Distribution: Azerbaijan, Iran, Kazakhstan, Turkmenistan, Uzbekistan (LÖBL & SMETANA 2008).

#### ***Blaps (Blaps) felix Waterhouse, 1889***

Material examined: Iran/Tehran, 40 km E Tehran, 2500 m, 2001, leg. G. Müller, 2 ex. (CRG).  
Distribution: Afghanistan, Iran, Turkmenistan (LÖBL & SMETANA 2008).

#### ***Blaps (Blaps) luctuosa (Ménétrière, 1832)***

Material examined: Iran/Mazandaran, C-Elburz, Kandovan, pass, 36°09'10"N/51°16'99"E, 3000 m, 31.V.2008, leg. D. Frenzel, 1 ex. (CRG). – Iran/Mazandaran, C-Elburz, Kandovan (tunnel env.), 2670 m, 36°09'57"N/51°19'18"E, 31.V.2008, leg. D. Frenzel, 1 ex. (CRG), 3 ex. (NME). – Same data, but 1.V.2010, leg. D. Frenzel, 3 ex. (CRG), 4 ex. (NME). – Iran/Tehran, Elburz, Tainsh N, Kandovan pass, 36°09'35.3"N/51°17'50.5"E, 2850 m, 10.IV.2014, leg. A. Weigel, 2 ex. (NME).

Distribution: Azerbaijan, Armenia, Georgia, Turkey (LÖBL & SMETANA 2008); Iran (new record).

***Blaps (Blaps) mortisaga (Linnaeus, 1758)***

Material examined: Iran/Semnan, 25 km NNW Semnan, 2600 m, 2001, leg. G. Müller, 3 ex. (CRG). – Iran/Quazvin, S Rudbar, Jamalabad, river course, 36°24'10"N/49°29'28"E, 1000–1100 m, 30.IV.2012, leg. D. Frenzel, 1 ex. (NME).

Distribution: Widespread in Europa; Iran, Iraq, Turkmenistan, Turkey; introduced in Nearctic Region (LÖBL & SMETANA 2008).

***Blaps persica Seidlitz, 1893***

Material examined: Iran/Busher, 5 km E Bandar-e Gonaveh, 30 m, 4.IV.2011, leg. H. Mühle, 1 ex. (CRG).

Distribution: Iran (LÖBL & SMETANA 2008).

***Dila angustata (Baudi di Selve, 1875)***

Material examined: Iran/Esfahan, W Semirom, Pushmeh-Kuh, high mountain valley, 2800 m, 31.V.–2.VI.2004, leg. J.-U. Meineke, A. Hofmann & G. Tremewan, 9 ex. (CRG). – Same data, but 2.–3.VI.2005, leg. A. Hofmann & J.-U. Meineke, 1 ex. (CRG). – Iran/Esfahan, E Yasuj, N Nurabad, Kuh e Dena, 2450 m, 8.VI.2005, leg. A. Hofman & J.-U. Meineke, 2 ex. (CRG).

Distribution: Iran (LÖBL & SMETANA 2008).

***Dila leptocelis Reitter, 1900***

Material examined: Iran/Mazandaran, C Elburz, Kandovan, pass, 36°09'10"N/31°18'99"E, 3000 m, 31.V.2008, leg. D. Frenzel, 1 ex., (CRG). – Iran/Tehran, C Elburz, high meadows below mountain pass, 2720–3000 m, 36°02'32"N/51°25'96"E, 26.V.2008, leg. D. Frenzel, 1 ex. (NME). – Iran/Tehran, C Elburz, Damavand Mt., Gosfand Sara, Larijan, 35°52'64"N/52°07'55"E, 2400–2600 m, 29.V.2008, leg. D. Frenzel, 1 ex. (CRG). – Iran/Tehran, Elburz, Tainsh N, Kandovan pass, 36°09'35.3"N/51°17'50.5"E, 2850 m, 10.IV.2014, leg. A. Weigel, 1 ex. (CRG), 3 ex. (NME).

Distribution: Iran (LÖBL & SMETANA 2008).

***Prosodes (Dilopersina) cribrella vestita Allard, 1880***

Material examined: Iran/Golestan, Jahan Nama Protection Area, Fagus orientalis forest, 36°40'N/54°18'E, 1900 m, 12.–13.VI.2007, leg. E. Heiss, 4 specimens (CRG). – Iran/Mazandaran, Firooz Kola, high

plain, 36°23'12"N/51°46'11"E, 1500–1600 m, 6.V.2010, leg. A. Weigel, 4 ex. (NME). – Same data, but leg. J. Weipert, 2 ex. (NME), 1 ex. (CRG). – Iran/Mazandaran, env. Kolijak, mountain slope, 36°28'18"N/51°40'14"E, 1840 m, 5.V.2010, leg. A. Weigel, 4 ex. (NME). – Same data, but leg. J. Weipert, 2 ex. (CRG), 10 ex. (NME). – Same data, but leg. A. Skale, 1 ex. (NME). – Iran/Mazandaran, Kolijak, 36°28'28"N/51°39'35"E, 1600–1840 m, 4.–5.V.2010, leg. A. Weigel, 6 ex. (NME). – Same data, but leg. D. Frenzel, 1 ex. (CRG), 4 ex. (NME). – Same data, but leg. J. Weipert, 4 ex. (NME). – Iran/Mazandaran, N-Elburz, Kolijak, 1600 m, 36°28'38"N/51°39'35"E, 4.VI.2008, leg. J. Weipert, 1 ex. (NME). – Same data, but leg. D. Frenzel, 1 ex. (CRG). – Iran/Mazandaran, E Kolijak, 36°26'06"N/51°43'58"E, alpine meadow, 5.V.2012, leg. J. Weipert, 1 ex. (NME). – Iran/Mazandaran, Lashak, 1600–1700 m, 36°23'18"N/51°39'12"E, 6.V.2010, leg. D. Frenzel, 4 ex. (NME). – Iran/Mazandaran, Kodir, alpine meadow, 36°26'56"N/51°48'06"E, 1700 m, 5.V.2012, leg. D. Frenzel, 2 ex. (CRG), 4 ex. (NME). – Same data, but leg. J. Weipert, 5 ex. (NME). Distribution: Iran (eastern part of Elburz, MEDVEDEV & LÖBL 2005).

***Prosodes (Meropersina) vermiculosa Reitter, 1909***

Material examined: Iran/Zandjan, That-it-Suleyman, 2200–2300 m, 3.V.2014, leg. W. Heinz, 1 ex. (CRG).

Distribution: Iran (LÖBL & SMETANA 2008).

***Pedinini Eschscholtz, 1829***

***Dendarus (Pandarinus) armeniacus***

**Baudi di Selve, 1876**

Material examined: Iran/Tehran, 58 km E Tehran, 2800 m, 2001, leg. G. Müller, 7 ex. (CRG). – Iran/Semnan, 25 km N Semnan, 2600 m, 2001, leg. G. Müller, 3 ex. (CRG). – Iran/Mazandaran, Kolijak env., mountain slope, 36°28'18"N/51°40'14"E, 1840 m, 5.V.2010, leg. A. Skale, 1 ex. (CRG). – Same data, but leg. A. Weigel, 2 ex. (CRG), 8 ex. (NME). – Same data, but leg. J. Weipert, 4 ex. (NME). – Iran/Mazandaran, Kolijak, alpine meadow, 36°26'06"N/51°43'58"E, 1400 m, 6.V.2012, leg. D. Frenzel, 2 ex. (NME). – Iran/Mazandaran, Kodir, alpine meadow, 1700 m, 36°26'56"N/51°48'06"E, 5.V.2012, leg. D. Frenzel, 2 ex. (NME). – Iran/Fars, env. Dash-e Arzhan, oak na-

ture reserve, 29°34'02"N/51°56'44"E, 2100–2300 m, 29.IV.2010, leg. A. Weigel, 1 ex. (CRG), 3 ex. (NME). – Iran/Mazandaran, 15 km E Baladeh, env. Valashid, 1980 m, 36°12'13"N/51°52'31"E, 7.V.2010, leg. A. Weigel, 1 ex. (CRG), 2 ex. (NME). – Iran/Mazandaran, 10 km W Pol-e Sefid, mountain slope with bushes, 36°05'43"N/52°57'20"E, 870 m, 6.V.2012, leg. D. Frenzel, 1 ex. (CRG), 3 ex. (NME). – Iran/Tehran, Central Elburz, Damavand Mt., Gosfand Sara, Larijan, 35°52'N/52°07'E, 2500–2800 m, 29.V.2008, leg. J. Weipert, 2 ex. (NME). – Iran/Mazandaran, env. Takir, 36°11'33"N/52°04'29"E, 1600 m, 7.V.2010, leg. A. Weigel, 1 ex. (CRG), 1 ex. (NME). – Iran/Azarbaijan, env. Koper, SE Pirensar, 1400 m, 12.IV.2014, 1 ex. (CRG), 1 ex. (NME). – Iran/Tehran, Elburz Mts., Tajrish N, Kandovan Pass, alpine meadows/brookside, 36°09'35.3"N/51°17'50.5"E, 2850 m, leg. P. Schnitter, 1 ex. (CRG).  
Distribution: Afghanistan, Armenia, Iran, Turkmenistan, Turkey (LÖBL & SMETANA 2008).

***Leichenium mucronatum* Küster, 1849**

Material examined: Iran/Gilan, Bandar-e Anzali E, Taleb Abad E, –6 m, 37°27'45"N/49°33'54"E, 1.V.2012, leg. D. Frenzel, 1 ex. (CRG).  
Distribution: Afghanistan, Azerbaijan, Greece, Iran, Iraq, Lebanon, Kazakhstan, Syria, Turkey (LÖBL & SMETANA 2008).

**Opatrini Brullé, 1832**

***Caedius fulvus* Mulsant & Rey, 1859**

Material examined: Iran/Hormozgan, Bandar-Abbas, W Khamir road, 11 m, 27°09'35"N/56°09'19"E, 10.III.2014, leg. D. Frenzel, 1 ex. (CRG).  
Distribution: China: Xizang; India: Uttar Pradesh; Nepal; Pakistan (LÖBL & SMETANA 2008). Iran (new record).

***Cheirodes (Pseudanemia) breviollis* (Wollaston, 1864)**

Material examined: Iran/Hormozgan, Bandar-Abbas, W Khamir road, 27°09'35"N/56°09'19"E, 11 m, 10.III.2014, leg. D. Frenzel, 1 ex. (NME).  
Distribution: From South Europe (Italy, Malta, Spain) and Africa (North Africa, Afrotropical Region) via Arabia to Xinjiang (China) in Asia (LÖBL & SMETANA 2008).

***Clitobius (Clitobius) oblongiusculus oblongiusculus* (Fairmare, 1875)**

Material examined: Iran/Hormozgan, Qeshem Island, Laft env., mangroves/wash fringe, 0 m, 26°54'41"N/55°44'40"E, 10.III.1914, leg. D. Frenzel, 2 ex. (CRG), 8 ex. (NME). – Iran/Hormozgan, Qeshem Isl., Laft, 26°54'42.2"N/55°44'46.6"E, lagoon nr. mangrove, 1 m, 4.–7.III.2015, leg. P. Schnitter, 5 ex. (CRG), 75 ex. (NME). – Iran/Hormozgan, W Bandar Abbas, Pahel, 26°58'56.7"N/55°38'26.7"E, salty area nr. mangrove, 2 m, 2.III.2015, 1 ex. (CRG), 7 ex. (NME). – Iran/Hormozgan, E Bandar Abbas, 27°11'02.9"N/56°23'38.9"E, ruderal/salty area nr. mangrove, 3 m, 24.II.–1.III.2015, leg. P. Schnitter, 2 ex. (NME).  
Distribution: Azerbaijan, Algeria, Cyprus, Egypt, Iran, Iraq, Israel, Jordania, Libya, Morocco, Saudi Arabia, Sinai, Tadjikistan, Tunisia, Turkey, Turkmenistan, Uzbekistan (LÖBL & SMETANA 2008), Qatar (SOLDATI 2009).

***Gonocephalum (Gonocephalum) besnardi pierrei* (Ferrer, 2004)**

Material examined: Iran/Hormozgan, Sarhanaian mountains, Sarhanaian, 410 m, 27°38'39"N/56°44'06"E, 6.–7.III.2014, leg. D. Frenzel, 1 ex. (CRG). – Same data, but leg. J. Weipert, 1 ex. (NME). – Iran/Hormozgan, N Shamil, outlet of reservoir, 130 m, 27°32'31"N/56°50'24"E, 6.III.2014, leg. D. Frenzel, 1 ex. (NME). – Same data, but leg. J. Weipert, 1 ex. (CRG), 2 ex. (NME). – Iran/Hormozgan, Banooband, Genu Mts., 27°22'01"N/56°09'45"E, 700–800 m, 11.III.2014, leg. J. Weipert, 1 ex. (NME).  
Distribution: Iran (LÖBL & SMETANA 2008).

***Gonocephalum (Gonocephalum) consobrinum* Blair, 1923**

Material examined: Iran/Hormozgan, Gur Band, 27°19'05"N/57°00'22"E, mountain slopes/valley with reservoir, 70 m, 4.III.2014, leg. J. Weipert, 1 ex. (CRG).  
Distribution: Afghanistan, Myanmar, Ethiopia, India, Iran, Iraq, Pakistan, Saudi Arabia, Yemen (KASZAB 1952, LÖBL & SMETANA 2008), Qatar (SOLDATI 2009).

***Gonocephalum (Gonocephalum) costatum* (Brullé, 1832)**

Material examined: Iran/Kermansha, Bakhtaran (=Kermansha), 1400 m, 11.–31.V.1991, leg. H. Scherm, 6 ex. (CRG). – Iran/Qazvin, SW Elburz, Fashandak, 1870

m, 36°09'N/50°42'E, 28.V.2008, leg. J. Weipert, 1 ex. (NME). – Iran/Tehran, SW Najmaabad, damp area, 1200 m, 35°58'09"N/50°38'57"E, 7.V.2012, leg. D. Frenzel, 2 ex. (NME), 1 ex. (CRG). – Iran/Hormozgan, Qal'eh Qaziye Bala, river valley, 80 m, 27°28'15"N/56°35'41"E, 6.III.2014, leg. D. Frenzel, 1 ex. (NME). – Iran/Luristan, SE Nahavand, W Nour-Abad, above grotto of Gamasiab, pass, 2300 m, 30.IV.2014, leg. W. Heinz, 2 ex. (NME) Distribution [incl. ssp. *rugulosum* (Küster, 1849)]: Azerbaijan, Armenia, Croatia, Cyprus, Greece, Iran, Israel, Italy, Spain, Syria, Turkey (LÖBL & SMETANA 2008). The indications for Italy and Spain are doubtful and already stated as erroneous by FERRER (1995).

**Remarks:** The status of the Iranian specimens seems unresolved. FERRER (1993, 1995) differentiate the both subspecies *G. costatum costatum* (Brullé, 1832) and *G. costatum rugulosum* (Küster, 1849). According to LÖBL & SMETANA (2008) in Armenia, Azerbaijan, Cyprus, Iran, Israel, Syria, and Turkey both subspecies occur. FERRER (1995) on the one hand stated that the indications of *G. costatum* for Armenia, Azerbaijan, Iran, and Syria given by REICHARDT (1936) refer to an undescribed form and on the other hand mentioned material of *G. c. rugulosum* from „Persia“ examined by him. The above listed specimens collected in Iran fit better with the elytral characters given by FERRER (1993) for *G. c. costatum*.

### ***Gonocephalum (Gonocephalum) freudei***

**(Kaszab, 1960)**

Material examined: Iran/Hormozgan, Faryab, 27°26'15"N/57°03'23"E, course of brook with bodies of stagnant water, 5.III.2014, leg. J. Weipert, 1 ex. (CRG). – Iran/Hormozgan, Gur Band, mountain slopes/valley with reservoir, 27°19'05"N/77°00'22"E, 70 m, 4.III.2014, leg. J. Weipert, 1 ex. (NME). – Iran/Hormozgan, 10 km S Khoshangan, small brook, 430 m, 27°38'20"N/56°13'02"E, 12.III.2014, leg. J. Weipert, 1 ex. (NME).

Distribution: Afghanistan, Pakistan (LÖBL & SMETANA 2008), Iran (new record).

### ***Gonocephalum (Gonocephalum) granulatum pusillum***

**(Fabricius, 1791)**

Material examined: Iran/Ardabil, Heyran, alpine pastures with bushes, 38°24'25"N/48°35'39"E, 1100–1200 m, 2.V.2012, leg. D. Frenzel, 3 ex. (NME). – Iran/Ardabil, S Namin, littoral of gravel pit, 38°22'16"N/48°26'00"E,

1340 m, 2.V.2012, leg. J. Weipert, 1 ex. (NME). – Same data, but leg. D. Frenzel, 1 ex. (CRG), 3 ex. (NME). – Iran/Gilan, E Bandar-e Anzali, E Taleb Abad, 37°27'45"N/49°33'54"E, –6 m, 1.V.2012, leg. D. Frenzel, 2 ex. (CRG), 6 ex. (NME). – Same data, but leg. J. Weipert, 6 ex. (NME). – Iran/Gilan, W Bandar-e Anzali, Bashm, marshland, 37°30'04"N/49°20'54"E, 0 m, 1.V.2012, leg. D. Frenzel, 2 ex. (NME). – Iran/Gilan, Astaneh, river Safid rud, river bank/litter sifting, 37°15'32"N/49°55'27"E, 0 m, 3.V.2012, leg. D. Frenzel, 1 ex. (NME). – Iran/Gilan, W Hashtpar, Gijau, river/pastures/woods, 240 m, 37°41'19"N/48°51'17"E, 1.V.2012, leg. D. Frenzel, 1 ex. (CRG), 3 ex. (NME). – Iran/Gilan, W Hashtpar, Gijau, broadleaf forest at river bank, 240 m, 37°41'19"N/48°51'17"E, 1.V.2012, leg. J. Weipert, 2 ex. (NME). – Iran/Mazandaran, Firooz Kola, highplain, 36°23'12"N/51°56'11"E, 1500–1600 m, 6.V.2010, leg. A. Weigel, 1 ex. (CRG), 6 ex. (NME). – Same data, but leg. J. Weipert, 4 ex. (NME). – Iran/Mazandaran, 15 km E Baladeh, env. Valashid, 36°12'13"N/51°52'31"E, 1980 m, 7.V.2010, leg. A. Weigel, 2 ex. (NME). – Iran/Mazandaran, Takir, 36°11'33"N/52°04'29"E, 1600 m, 7.V.2010, leg. A. Weigel, 1 ex. (NME). – Iran/Mazandaran, env. Lashak, 1600–1700 m, 36°23'18"N/51°39'12"E, 6.V.2010, leg. D. Frenzel, 1 ex. (CRG), 3 ex. (NME). – Iran/Mazandaran, Now Shahr, Dozdac, city border/marshland, 3 m, 36°35'35"N/51°40'19"E, 3.–6.V.2012, leg. D. Frenzel, 1 ex. (NME). – Iran/Mazandaran, Miankaleh Wildlife Reserve, 36°50'N/53°45'E, 12.–14.V.2001, leg. E. Heiss, 2 ex. (CRG). – Iran, Mazandaran, road Tehran–Amol Ab Ali, 2400 m, 12. V.2001, leg. E. Heiss, 1 ex. (CRG). – Iran/Elburz, Now Shahr, 36°36'17"N/51°38'23"E, 1.–5.VI.2008, leg. D. Frenzel, 1 ex. (CRG). – Iran/Tehran, Central Elburz, Damavand Mt., Gosfand Sara, Larijan, 35°52'N/52°07'E, 2500–2800 m, 29.V.2008, leg. J. Weipert, 1 ex. (CRG), 3 ex. (NME). – Same data, but leg. D. Frenzel, 2 ex. (CRG), 4 ex. (NME).

Distribution: FERRER (1993, 1995) differentiate five subspecies of *G. granulatum* whose distribution reaches from Mediterranean area via Eastern Europe and Central Asia to Mongolia and China (LÖBL & SMETANA 2008).

### ***Gonocephalum (Gonocephalum) pubiferum***

**(Reitter, 1904)**

Material examined: Iran/Hormozgan, E Bandar Abbas, open salt plain, 18 m, 27°16'55"N/56°27'43"E,

4.III.2014, D. Frenzel leg., 1 ex. (NME). – Iran/Hormozgan, Kish Island, Baghoo village, 26°31'31"N/53°55'41"E, 3 m, 8.III.2014, leg. J. Weipert, 2 ex. (NME).

Distribution: Azerbaijan, Afghanistan, Armenia, Iran, Iraq, Kazakhstan, Mongolia, Pakistan, Saudi Arabia, South European Territory of Russia, Tajikistan, Turkmenistan, Uzbekistan, Xinjiang (LÖBL & SMETANA 2008).

***Gonocephalum (Gonocephalum) rusticum***

**(Olivier, 1811)**

Material examined: Iran/Tehran, Karaj, University of Agriculture, 35°47'N/51°00'E, 1360 m, 30.V.2008, leg. D. Frenzel, 1 ex. (NME). – Iran/Luristan, 5 km S Malavi, 33°15.070'N/47°49.764'E, 800 m, 6.IV.2011, leg. H. Mühle, 1 ex. (CRG). – Iran/Hormozgan, Banoo-band, Genu Mts., 27°22'01"M/56°09'45"E, 700–800 m, 11.III.2014, leg. J. Weipert, 2 ex. (NME).

Distribution: Widely distributed in the Palearctic Region from the Azores and Canary Islands in the west via South Europe and Northern Africa to Central Asia, Mongolia, and China (LÖBL & SMETANA 2008).

***Gonocephalum soricinum soricinum***

**(Reiche & Saulcy, 1857)**

Material examined: Iran/Kerman, Rayen, Goroah, Babtahoune, riverside/gravelbar, 2700 m, 29°21'14.7N/57°20'31.7"E, 6.VI.2014, leg. A. Weigel, 1 ex. (CRG), 2 ex. (NME). – Iran/Kerman, Kerman S, Mahan, 29°58'56.2"N/57°20'57.4"E, edge of trench/ruderal, 2080 m, 1.VI.2014, 1 ex. (NME).

Distribution: Afghanistan, Iran, Israel, Jordania, Pakistan, Saudi Arabia, Sinai, Syria, Yemen (LÖBL & SMETANA 2008).

***Opatroides punctulatus subcylindricus***

**(Ménétriés, 1849)**

Material examined: Iran/Azerbaijan, SE Piran Shar, Koper env., 1400 m, 12.IV.2014, leg. W. Heinz, 5 ex. (NME). – Iran/Fars, Pasargad, env. tomb of Cyrus, 30°11'42"N/53°10'06"E, 1870 m, 27.IV.2010, leg. E. Weigel, 1 ex. (CRG), 2 ex. (NME). – Iran/Tehran, Karaj, University of Agriculture, 35°47'N/51°00'E, 1360 m, 26.V.2008, leg. J. Weipert, 1 ex. (NME). – Same data, but 2.III.2014, leg. D. Frenzel, 10 ex. (NME), 2 ex. (CRG). – Iran/Esfahan, Esfahan, University of Technology, 32°43'21"N/51°32'02"E, 1670 m,

9.V.2012, leg. D. Frenzel, 9 ex. (NME). – Iran/Esfahan, pass 55 km SW Semiroom, near Sadat-Abad, 2200 m, 26.IV.2014, leg. W. Heinz, 5 ex. (NME). – Iran/Qazvin, S Rudbar, Jamalabad, river course, 1000–1100 m, 36°24'10"N/49°29'28"E, 30.IV.2012, leg. D. Frenzel, 6 ex. (NME). – Same data, but leg. A. Weipert, 4 ex. (NME). – Iran/Cahar Mahal-o Bakhtiyari, Haruni, brook valley, 2300 m, 32°23'57"N/50°34'17"E, 10.V.2012, leg. J. Weipert, 7 ex. (NME). – Same data, but leg. J. Weipert, 1 ex. (NME). – Iran/Chahar Mahal-o Bakhtiyari, E Chadegan, Abadchi, dry valley with spring, 2100 m, 32°45'58"N/50°45'01"E, 11.V.2012, leg. D. Frenzel, 3 ex. (CRG). – Iran/Chahar Mahali-o Bakhtiyari, Harunie, stream/dry slopes, 2300 m, 32°23'57"N/50°34'17"E, 10.V.2005, leg. D. Frenzel, 3 ex. (NME). – Iran/Cahar Mahal-o Bakhtiyari, between Kuhnang & Soudejan, 2200 m, 29.IV.2014, leg. W. Heinz, 2 ex. (CRG), 19 ex. (NME). – Iran/Esfahan, Qamsar, dry valley, 33°44'58"N51°24'12"E, 12.V.2012, leg. D. Frenzel, 1 ex. (NME). – Iran/Tehran, SW Najmaabad, salt desert/damp area, 1200 m, 35°55'04"N/50°33'18"E, 7.V.2012, leg. D. Frenzel, 1 ex. (NME). – Same data, but leg. J. Weipert, 1 ex. (NME). – Iran/Cahar Mahal-o Bakhtiyari, E Chadegan, Abadchi, valley in semi desert, 2160 m, 32°45'58"N/50°45'01"E, 11.V.2012, leg. J. Weipert, 1 ex. (NME). – Iran/Fars, Khane Zenian, Ghareaghaj bridge, 29°41'15"N/52°06'00", 1990 m, 29.IV.2010, leg. A. Weigel, 1 ex. (NME). – Same data, but leg. D. Frenzel, 1 ex. (NME). – Iran/Markazi, NE Saveh, Mamuniveh desert, 1190 m, 35°21'13"N/50°43'39"E, 8.V.2012, leg. D. Frenzel, 1 ex. (NME). – Iran/Kerman, Kerman S, Mahan, orchard, 29°58'12.0N/57°17'52.4", 2190 m, 29.V.2014, leg. P. Schnitter, 2 ex. (NME). – Iran/Kerman, Kerman S, Mahan, *Artemisia* high altitude steppe, 2500 m, 1.VI.2014, leg. P. Schnitter, 1 ex. (NME). – Same data, but leg. A. Weigel, 1 ex. (NME). – Iran/Hormozgan, Sarhanaian mountains, Sarhanaian, 410 m, 27°38'39"N/56°44'06"E, 6.–7. III.2014, leg. D. Frenzel, 2 ex. (NME). – Iran/Hormozgan, N Bandar Abbas/Genu, Seyahn, agricultural area/ruderal, 569 m, 27°42'35.7"N/56°18'21.2"E, 10.III.2015, leg. P. Schnitter, 30 ex. (NME). – Iran/Hormozgan, Genu, volcano source/course of brook, 27°26'45"N/56°18'22"E, 210 m, 11.III.2014, leg. J. Weipert, 1 ex. (NME). – Iran/Hormozgan, Qeshem Isl., Tola nr. Qeshem, 26°59'27.1"N / 56°12'17.8"E,



lagoon nr. mangrove, 2 m, 5.III.2015, leg. P. Schnitter, 1 ex. (NME). – Iran/Hormozgan, Hajjabad, 28°17'44"N/55°53'35"E, river with gravel bank, 920 m, 13.III.2014, leg. J. Weipert, 1 ex. (NME). – Iran/Hormozgan, Faryab, course of brook with bodies of stagnant water, 27°26'15"N/57°03'23"E, 5.III.2014, leg. J. Weipert, 1 ex. (NME). – Iran/Luristan, W Nour Abad, SE Nahavand, above grotto of Gamasiab, pass, 2300 m, 30.IV.2014, leg. W. Heinz, 9 ex. (NME). – Iran/Khuzestan, Izeh env., 1000 m, 20.IV.2014, leg. W. Heinz, 1 ex. (NME). – Iran/Luristan, 5 km S Malavi, 33°15.070'N/47°49.764'E, 800 m, 6.IV.2011, leg. H. Mühle, 10 ex. (CRG). – Iran/Luristan, 28 km S Borujerd, 1600 m, 8.IV.2011, leg. H. Mühle, 3 ex. (CRG). – Iran/Ilam, 20 km S Ilam, 1300 m, 17.IV.2011, leg. H. Mühle, 1 ex. (CRG). – Iran/Busher, 15 km NE Sardasht, 30°20.148'N/50°18.478'E, 220 m, 4.IV.2011, leg. H. Mühle, 3 ex. (CRG). – Iran/Esfahan, Ali Abbas, 33°43.497'N/52°03.431'E, 980 m, 10.IV.2011, leg. H. Mühle, 1 ex. (CRG). – Iran/Fars, env. Kazerouan, Dasht-e Barm, 29°34.387'N / 51°50.683'E, 1250 m, 21.IV.2011, leg. H. Mühle, 2 ex. (CRG). – Iran/Golestan, Lake Ala Gol, *Salsola* & other halophytes, 37°22'N54°35'E, 29 m, 10.–11.VI.2007, leg. E. Heiss, 1 ex. (CRG).

Distribution: Afghanistan, Armenia, Iran, Iraq, Oman, Saudi Arabia, Syria, Tajikistan, Turkmenistan, Turkey, Uzbekistan (LÖBL & SMETANA 2008, corrected internet version).

#### ***Opatroides vicinus vicinus* (Fairmaire, 1896)**

Material examined: Iran/Hormozgan, Sarhanaian mountains, Sarhanaian, 410 m, 27°38'39"N/56°44'06"E, 6.–7.III.2014, leg. D. Frenzel, 12 ex. (CRG), 5 ex. (NME). – Iran/Hormozgan, Sarhanaian mountains, Sarhanaian & env., 6.III.2014, leg. J. Weipert, 1 ex. (CRG), 5 ex. (NME). – Iran/Hormozgan, Genu, volcano source and course of brook, 210 m, 27°26'45"N/56°18'22"E, 11.III.2014, leg. D. Frenzel, 1 ex. (NME). – Same data, but leg. J. Weipert, 1 ex. (CRG), 1 ex. (NME). – Iran/Hormozgan, N Bandar Abbas/Genu, Seyahn, agricultural area/ruderal, 569 m, 27°42'35.7"N/56°18'21.2"E, 10.III.2015, leg. P. Schnitter, 2 ex. (CRG), 16 ex. (NME). – Iran/Hormozgan, Gur Band, mountain slopes/valley with reservoir, 70 m, 27°19'05"N/77°00'22"E, 4.III.2014, leg. J. Weipert, 1 ex. (NME). – Iran/Hormozgan, Banooband,

Genu Mts., 27°22'01"N/56°09'45"E, 700–800 m, 11.III.2014, leg. J. Weipert, 1 ex. (NME).

Distribution: Afghanistan, Bahrain, Egypt, India, Iran, Kuwait, Nepal, Oman, Pakistan, Saudi Arabia, Yemen (FERRER 2005, LÖBL & SMETANA 2008), Qatar (SOLDATI 2009).

#### ***Opatrum (Opatrum) sabulosum reitteri* Schuster, 1915**

Material examined: Iran/Ardabil, W Heyran, pass, little river, 1520 m, 38°26'50"N/48°33'57"E, 2.V.2012, leg. D. Frenzel, 1 ex. (CRG), 2 ex. (NME).

Distribution: Armenia, Azerbaijan, Georgia, Iran (LÖBL & SMETANA 2008).

#### ***Penthicus (Penthicus) horni* (Schuster, 1922)**

Material examined: Iran/Tehran, Karaj, University of Agriculture, 35°47'N/51°00'E, 1380 m, 7.V.2010, leg. A. Weigel, 5 ex. (NME), 2 ex. (CRG). – Iran/Tehran, Central Elburz, alpine pasture below pass, 36°02'32"N/51°25'96"E, 2720–3000 m, 26.V.2008, leg. J. Weipert, 1 ex. (NME). – Iran/Mazandaran, Central-Elburz, Kandovan Pass, 3000 m, 36°09'N/51°18'E, 31.V.2008, leg. J. Weipert, 5 ex. (CRG), 19 ex. (NME). – Same data, but D. Frenzel leg., 1 ex. (CRG), 3 ex. (NME). – Iran/Mazandaran, Kandovan tunnel (northern side), 2670 m, 36°09'57"/51°19'18"E, 1.V.2010, leg. D. Frenzel, 1 ex. (CRG), 1 ex. (NME). – Iran/Tehran, Elburz Mts., Tajrish N, Kandovan pass, alpine meadow/brookside, 2850 m, 10.VI.2014, leg. P. Schnitter, 1 ex. (CRG), 3 ex. (NME). – Same data, but E. Weigel leg., 2 ex. (CRG), 4 ex. (NME). – Iran/Mazandaran, env. Takir, 36°11'33"N/52°04'29"E, 1600 m, 7.V.2010, leg. A. Weigel, 1 ex. (NME).

Distribution: Iran (LÖBL & SMETANA 2008).

#### ***Penthicus (Penthicus) obesus* (Kulzer, 1964)**

Material examined: Iran/Mazandaran, 40 km S Tavis, 660 m, meadow beside road, 36°25'12"N/51°16'53"E, 1.V.2010, leg. D. Frenzel, 1 ex. (CRG). – Iran/Mazandaran, 15 km E Baladeh, Valashid, 36°12'13"N/51°52'31"E, 1980 m, 7.V.2010, leg. A. Weigel, 1 ex. (NME).

Distribution: Iran (LÖBL & SMETANA 2008).

#### ***Penthicus (Penthicus) oblongopunctatus* (Reitter, 1904)**

Material examined: Iran/Hormozgan, Ziyarat Ali S, high plain and course of brook, 585 m, 27°41'06"N/57°09'33"E, 5.III.2014, D. Frenzel leg., 2 ex. (CRG), 1 ex. (NME). – Iran/Hormozgan, 2

km E Hajiabad, high plain with water canal, 1000 m, 28°19'03"N/55°57'28"E, 12.III.2014, D. Frenzel leg., 1 ex. (NME). – Iran/Hormozgan, Isine, stony riverbed with saltwater, 220 m, 27°30'26"N/56°15'37"E, 11.III.2014, D. Frenzel leg., 1 ex. (NME).

Distribution: Afghanistan, Iran, Iraq, Jordania, Pakistan, Saudi Arabia, Turkmenistan (LÖBL & SMETANA 2008), Qatar (SOLDATI 2009).

***Penthicus (Penthicus) persicus (Schuster, 1919)***

Material examined: Iran/Esfahan, 10 km SW Qamsar, Kamoo, dry valley with creek, 2650 m, 33°39'37"N/51°16'04"E, 12.V.2012, leg. D. Frenzel, 1 ex. (NME). – Iran/Kerman, Kerman S, Mahan, *Artemisia* high altitude steppe, 29°53'34,1"N/57°20'43,4"E, 2500 m, 1.VI.2014, leg. A. Weigel, 1 ex. (NME). – Iran/Kerman, S Kerman, Mahan, dry orchard, 29°58'17.0"N/57°17'52.4"E, 29.IV.2014, leg. D. Wrase & B. Laser, 2 ex. (CRG), 2 ex. (NME). – Iran/Cahar Mahali-o-Bakhtyari, Chadegan E, Abadchi valley in semidesert, 2160 m, 11.V.2012, leg. J. Weipert, 1 ex. (CRG). – Same data, but leg. P. Schnitter, 1 ex. (NME). Distribution: Iran (LÖBL & SMETANA 2008).

***Penthicus (Penthicus) villiersi (Kaszab, 1969)***

Material examined: Iran/Fars, env. Dasht-e Arzhan, oak nature reserve, 2100–2300 m, 29°34'02"N/51°56'44"E, leg. A. Weigel, 1 ex. (CRG). Distribution: Iran (LÖBL & SMETANA 2008).

***Scleropatroides hirtulus (Baudi di Selve, 1876)***

Material examined: Iran/Mazandaran, Mian Kaleh Wildlife Res., 36°50'N/53°45'E, 12.–14.V.2001, leg. E. Heiss, 1 ex. (CRG). – Iran/Golestan, Ala Gol, *Salsola* and other Halophytes, 37°22'N/54°35'E, 29 m, 10.–11.VI.2007, leg. E. Heiss, 1 ex. (CRG). – Iran/Hormozgan, Qeshem Island, Mesen env., wetland, 15 m, 26°44'46"N/56°00'15"E, 10.III.2014, leg. D. Frenzel, 1 ex. (NME).

Distribution: Azerbaijan, Afghanistan, Armenia, Iran, Iraq, Kazakhstan, Saudi Arabia, Sinai, South European Territory of Russia, Syria, Tajikistan, Turkmenistan, Ukraine, Uzbekistan (LÖBL & SMETANA 2008).

***Sclerum carinatum Baudi di Selve, 1875***

Material examined: Iran/Tehran, Karaj, University of Agriculture, 35°47'N/51°00'E, 1360 m, 25.V.–8.VI.2008, leg. D. Frenzel, 1 ex. (CRG), 1 ex. (NME).

Distribution: Azerbaijan, Afghanistan, Cyprus, Iran, Iraq, Saudi Arabia, Syria, Tajikistan, Turkmenistan, Turkey, Uzbekistan (LÖBL & SMETANA 2008).

**Melanimini Seidlitz, 1894**

***Cheirodes (Cheirodes) dentipes (Ballion, 1878)***

Material examined: Iran/Kerman, Kerman S, Mahan, orchard, 29°58'17.0N/57°17'52.4", 2190 m, 29.V.2014, leg. A. Weigel, 1 ex. (NME).

Distribution: Afghanistan, Azerbaijan, Iran, Kazakhstan, Mongolia, Saudi Arabia, South European Territory of Russia, Turkmenistan, Uzbekistan, Xinjiang (China) (LÖBL & SMETANA 2008).

**Diaperinae Latreillei, 1802**

**Diaperini Latreillei, 1802**

***Diaperis boleti (Linnaeus, 1758)***

Material examined: Iran/Mazandaran, Now Shahr, Kheiroud Kenar forest, (distr. Gorazbon), 36°31'38"N/51°38'46"E, 880 m, 2.V.2010, leg. A. Weigel, 4 ex. (NME), 1 ex. (CRG).

Distribution: Widespread from Europe and northern Africa to Central Asia (LÖBL & SMETANA 2008).

***Neomida haemorrhoidalis (Fabricius, 1787)***

Material examined: Iran/Mazandaran, Koliyak, mountain slope, 36°28'18"N/51°40'14"E, 1840 m, 5.V.2020, deciduous forest, leg. A. Weigel, 1 ex. (CRG). Distribution: Widely distributed in Europe and Asia (LÖBL & SMETANA 2008).

***Neomida quadricornis (Motschulsky, 1873)***

Material examined: Iran/Mazandaran, N-Elburz, Kolyak, 36°28'38"N/51°39'88"E, 1630 m, 4.6.2008, 1 ex. (CRG), 2 ex. NME).

Distribution: Azerbaijan, Georgia, Iran (LÖBL & SMETANA 2008).

***Platydemia triste***

**(Laporte de Castelnau & Brullé, 1831)**

Material examined: Iran/Golestan, Jahan Nama Prot. Area, Ranger Station env., 36°40'N/54°18'E, 1700 m, 12.–13.VI.2007, leg. E. Heiss, 2 ex. (CRG). – Iran/Mazandaran, env. Now Shahr, Kheiroud Kenar forest, (distr. Nam Khane), 36°33'06"N/51°36'47"E,

1050 m, 3.V.2010, leg. A. Weigel, 1 ex. (CRG), 1 ex. (NME). – Iran/Mazandaran, env. Now Shahr, Kheiroud Kenar forest, 36°32'07"N/51°38'13"E, 880 m, 2.V.2010, leg. D. Frenzel, 1 ex. (CRG) – Iran/Prov. Mazandaran, N-Elburz, SW Now Shahr, primary forest, 36°35'20"N/51°34'05"E, 500 m, 3.VI.2008, leg. D. Frenzel, 2 ex. (CRG). – Iran/Mazandaran, NW-Elburz, Javaherdeh rd., Doshoon Kooch env., 36°51'87"N/50°30'41"E, 1460–1750m, 2.VI.2008, leg. D. Frenzel, 2 ex. (CRG).

Distribution: Armenia, Georgia, Iran, South European Territory of Russia, Turkmenistan, Ukraine (LÖBL & SMETANA 2008).

### **Phalerini Blanchard, 1845**

#### ***Phaleria (Epiphaleria) prolixa* Fairmaire, 1869**

Material examined: Iran/Hormozgan, Qeshem Isl., Laft, 26°54'42.2"N/55°44'46.6"E, lagoon nr. man-grove, 1 m, 4.–7.III.2015, leg. P. Schnitter, 1 ex. (CRG), 2 ex. (NME).

Distribution: Described from Aden and distributed all around the Red Sea, and along the coasts of Arabia from Yemen to Arabo-Persian Gulf (SOLDATI 2009). NW Madagascar (ARDOIN 1969).

#### ***Phthora (Phthora) tenuicornis* (Reitter, 1895)**

Material examined: Iran/Isfahan, 10 km SW Quamsar, Kanoo, dry valley with creek, 2650 m, 33°39'37"N/51°16'04"E, 12.V.2012, leg. D. Frenzel, 1 ex. (CRG).

Distribution: Afghanistan, Kazakhstan, South European Territory of Russia, Turkmenistan (LÖBL & SMETANA 2008), Iran (new record).

### **Hypophlaeini Billberg, 1820**

#### ***Corticeus (Corticeus) basalis* Reitter, 1884**

Material examined: Iran/Mazandaran, Now Shahr, Kheiroud Kenar forest (entry area), 36°36'35"N/51°34'10"E, 40–200 m, 4.V.2010, leg. A. Weigel, 1 ex. (CRG). – Iran/Mazandaran, S Now Shahr, Kheiroud Khenar Forest, 36°34'24"N/51°35'24"E, 400–900 m, 4.V.2012, leg. D. Frenzel, 3 ex. (NME), 2 ex. (CRG). – Iran/Mazandaran, S Now Shahr, Kheiroud Khenar Forest, 36°34'24"N/51°35'24"E, 400–900 m, 4.V.2012, leg. D. Weipert, 2 ex. (NME).

Distribution: Azerbaijan (LÖBL & SMETANA 2008), Iran (new record).

#### ***Corticeus (Corticeus) unicolor***

##### **Piller & Mitterspacher, 1783**

Material examined: Iran/Mazandaran, Now Shahr, Kheiroud Kenar forest, (distr. Gorazbon), 36°31'38"N/51°38'46"E, 880 m, 2.V.2010, leg. A. Weigel, 1 ex. (CRG), 3 ex. (NME). – Iran/Mazandaran, N-Elburz, SW Now Shahr, 36°35'20"N/51°34'05"E, 500 m, 3.VI.2008, leg. J. Weipert, 9 ex. (NME). – Iran/Mazandaran, S Now Shahr, Kheiroud Kenar virgin forest, 36°34'24"N/51°35'24"E, 400–900 m, 4.V.2012, leg. J. Weipert, 2 ex. (CRG), 15 ex. (NME). – Same data, but leg. D. Frenzel, 1 ex. (CRG), 4 ex. (NME). – Iran/Mazandaran, 36°31'38"N/51°38'46"E, Tashezeh, S Now Shahr, virgin forest, 880 m, 2.V.2010, leg. J. Weigel, 2 ex. (NME). – Iran/Mazandaran, Now Shahr, Kheiroud Kenar Forest, 1050 m, 36°33'06"N/51°36'57"E, 3.V.2010, leg. J. Weipert, 1 ex. (NME).

Distribution: Widespread in Europe, in Asia known from Israel and Turkey (LÖBL & SMETANA 2008), Iran (new record).

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