

Annotated checklist of the spiders of Iran (Arachnida: Araneae)

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ABSTRACT

In this checklist 528 spider species and subspecies belonging to 45 families and 230 genera that have been recorded from Iran are presented, of which, 43 records are considered as doubtful. Geographic distributions of all species are presented by main provincial areas of the country. Also, where necessary, we have provided comments on species distribution, species status or possible misidentifications. The list is dominated by members of the families Salticidae (98 species), Linyphiidae (69 species) and Lycosidae (63 species) with 18.7%, 13.1% and 12% of total species, respectively. The level of regional endemism and sub-endemism exceeds 15.5% and 5.6% of total species, respectively.

Key Words: Iran, Aranei, fauna, species, Iranian Plateau

INTRODUCTION

According to the literature, spiders (Araneae) are one of the most speciose orders of animals, with approximately 46,000 described, extant species in 114 families (World Spider Catalog, 2015). This taxon ranks sixth in the animal kingdom in the terms of the number of the described species and places after the orders Coleoptera, Diptera, Lepidoptera, Hymenoptera and Hemiptera (Coddington & Levi, 1991). As spiders are not studied thoroughly, estimation of their total diversity is very difficult. On the basis of recorded data in the Palaearctic region, spiders have been relatively well-studied in Europe with at least 4,800 species (Helsdingen, 2011) and Japan with at least 1,500 species (Ono, 2009), while areas such as south America, Africa, the Pacific region and the Middle East are very poorly known (Coddington & Levi, 1991). Checklists for spiders of European countries are available in *Fauna Europea* (Helsdingen, 2011), and checklists for Russia and the former USSR, Caucasian countries and Turkey were presented by Mikhailov (2013), Otto (2014) and Bayram, Kunt & Danişman (2014), respectively.

One of the first collections of Iranian spiders was carried out by Eugen von Keyserling and Theophil Bienert in 1859. Their material is housed in the Zoological Institute, St. Petersburg (ZISP) which was later examined by Logunov, Marusik & Mozaffarian (2002). The first taxonomic work on the spider fauna of Iran was published by Simon (1874a). In this publication, he described *Sparassus doriae* (Sparassidae) from Tehran, based on material collected in 1862–63 by Italian naturalist Giacomo Doria (1840–1913). The other main publication in this period was published by Thorell (1881), dealing with a new species of the genus *Artema* (Pholcidae). After the beginning of the 20th century, some scattered papers were published by Pocock (1903), Werner (1936) and Pavlovsky (1942). Also, some expeditions were made in this period by American, Russian and European zoologists (e.g. Fillipovich in 1904, Kirichenko in 1914) (Fig. 1). One of the main contributions to the spider fauna of Iran was made by German arachnologist Carl Friedrich Roewer (1881–1963), who published two papers on the arachnofauna of Iran (Roewer, 1955, 1959). In these papers, he described several new species and new records from the country. However, some of the species described by Roewer have never been studied and revised since their first description. The other main collection from the country was conducted by the Swiss arachnologist, Antoine Senglet, in 1973–1975. His material is housed in Muséum d'histoire naturelle, Genève (MHNG) and recently, some papers on the Iranian species were published on the basis of this collection (e.g. Senglet, 2008;

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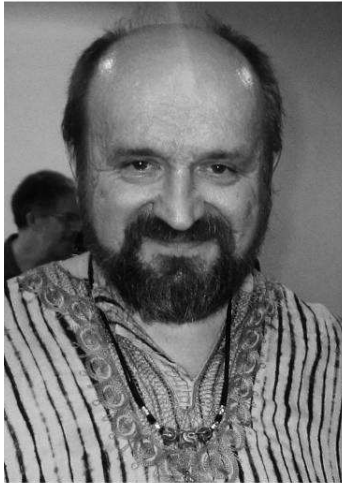
Eugène Simon



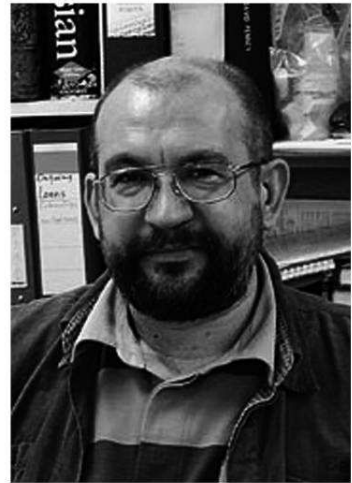
Carl Friedrich Roewer



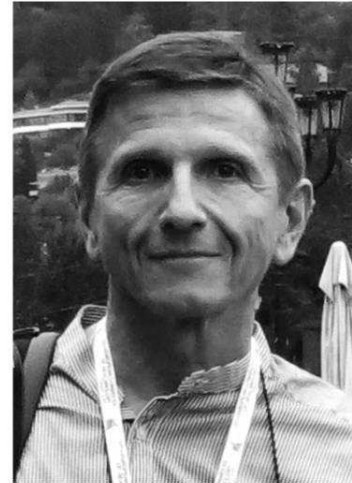
Paolo Brignoli



Yuri M. Marusik



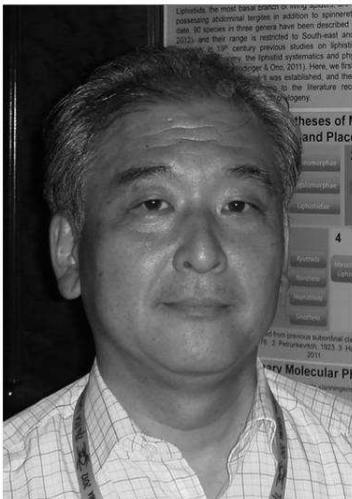
Dmitri V. Logunov



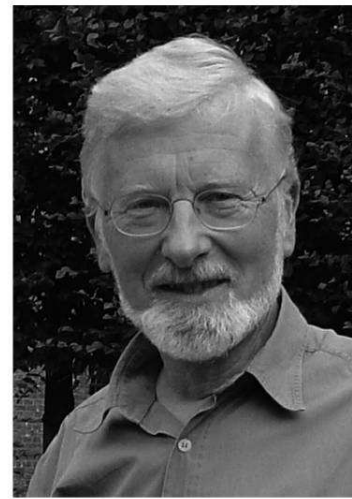
Andrei Tanasevitch



Antoine Senglet



Hirotsugu Ono



Jochen Martens

FIGURE 1. Non-Iranian arachnologists who have contributed significantly to the study of spiders of Iran.

Tanasevitch, 2008; Moradmand & Jäger, 2011). The results of these expeditions were published as several faunistic and taxonomic papers (e.g. Roewer, 1955, 1959; Brignoli, 1972, 1979, 1980, 1982; Senglet, 1974; Wesolowska, 1986; Proszynski, 1992; Ovtsharenko, Levy & Platnick, 1994; Saaristo & Tanasevitch, 1995; Logunov, 1999, 2001a,b; Logunov & Marusik, 1999, 2000; Logunov, Marusik & Mozaffarian, 2002). Although, there are several publications and checklists dealing with the spiders of Iran, these data have never been completely summarized.

MATERIAL AND METHODS

STUDY AREA

The political boundaries of Iran include the largest part of the Iranian Plateau which is located in the transition zone of three main zoogeographic regions: western Palaearctic, Afrotropical and Oriental regions. This region completely encloses a short section of the orogenic belts between the Arabian-African unit and the Asian block. Geological history and paleogeographical location of the Iranian Plateau and its topographic and climatic conditions present a wide collection of varied habitats which house a very rich biota (Berberian & King, 1981; Zehzad, Kiabi & Madjnoonian, 2002).

THE IRANIAN PLATEAU

The Iranian Plateau is a geological formation in Western and Central Asia (Fig. 2). It is a part of the Eurasian Plate, wedged between the Arabian and Indian plates, placed between the Zagros Mountains in the west, the Caspian Sea and the Kopet Dagh Mountains in the north and northeast, the Hormuz Strait and Persian Gulf in the south and the Indus River of Pakistan in the east. It includes the greater part of Iran, Afghanistan and Pakistan, covering about 3,700,000 km². The Iranian Plateau extends about 2,500 km from west to east and about 1,500 km from north to south. The northern parts of the Iranian Plateau lie within the southern parts of the former USSR (Turkmeno-Khorasan Mountains), while its western regions are in Iraq. In spite of being called a "plateau", it is far from being flat and contains several mountain ranges, the highest peak being Damavand in the Alborz Mountains at 5610 m a.s.l., and the lowest region being the Lut basin in the east of Kerman Province in eastern Iran, falling 300 m below sea levels.

The climate of the Iranian Plateau is dry and continental to subtropical, with hot summers and relatively cold winters in the north, and tropical with hot summers and warm winters in the south. There are seven desert plains and depressions in the Iranian Plateau: Dasht-e Kavir in Central Iran; Dasht-e Lut, Sistan and Jazmurian depressions in the southeast; Khuzestan Plain in the southwest; Moghan steppe in the northwest and the Turkman-Sahra steppe in the northeast (Zehzad, Kiabi & Madjnoonian, 2002).

ZAGROS MOUNTAINS

The Zagros Mountains form the largest mountain range which shaped the south and southwestern arcs of the Iranian Plateau in Iran and Iraq. This mountain range has a total length of 1,500 km, begins in northwestern Iran and roughly corresponds to Iran's western border, and spans the whole length of the western and southwestern Iranian plateau, ending at the Strait of Hormuz in south. The Hazaran massif in the Kerman Province (Iran) shapes an eastern outlier of the range and the Jebal Barez reaching into Sistan & Baluchistan Province.

CHECKLIST FORMAT

Geographical distribution and taxonomic status of the species are given according to the World Spider Catalog (2015) and current catalogs of European and Caucasian spiders and spiders of the Former Soviet Union. Papers of Ghavami published before 2006, and data regarding papers

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presented in conferences (before 2006) are referenced to Ghavami (2006). Records of families and genera without determination of the species (e.g. Amaurobiidae, Hahniidae, *Cicurina*, *Cercidia*) are not referenced in this publication.

The reference format for each species is as follows:

Genus species: Author(s), year of publication: the page which the species is discussed, figures of the species (sexes with figures).

The lack of colon after the genus and species name refers to the original description of the species. Species published without illustrations of the genital organs are referenced as “distribution record”. Species marked with asterisk are endemic to Iran, and species marked with caret are sub-endemic (occur in Iran and neighboring countries). When necessary, we have provided comments on species distribution, species status or possible misidentifications. Some species records are doubted in the following cases: 1) Roewer is known by his misidentifications, some of his material were examined and found to be misidentified in species and genera; and/or when species was not reported later and unknown in adjacent countries; 2) records by non-taxonomists, and when the known distribution range of the species lies far from Iran (not known in adjacent Central Asia, Caucasus, Turkey, Levant). Note that borders and number of provinces were not stable, and number of provinces has increased by time. Therefore, old records can refer to another modern province. Future versions of this checklist will be annually updated in an online version by Zamani et al. (2015).

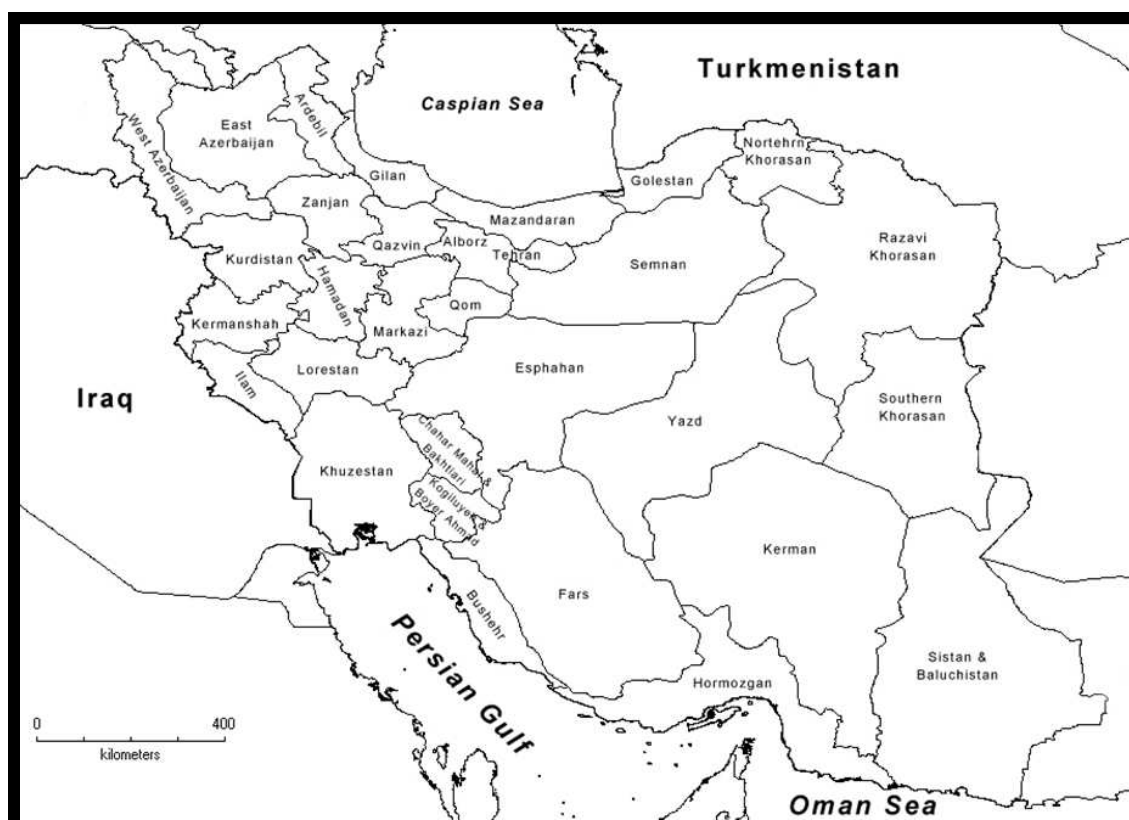


FIGURE 2. Map of administrative divisions of Iran.

LIST OF SPECIES

Family Agelenidae C. L. Koch, 1837

1) *Agelena labyrinthica* (Clerck, 1757)

Records: Ardebil, Gilan, Golestan, Mazandaran.

Distribution: Palaearctic.

References:

A. l.: Ghavami & Amooz, 2008: 74 (distribution record).

A. l.: Ghavami et al., 2008: 9 (distribution record).

A. l.: Kashefi et al., 2013: 8 (distribution record).

A. l.: Zamani, 2015: 13 (distribution record).

2) *Agelena orientalis* C.L. Koch, 1837

Records: Mazandaran.

Distribution: West and Central Palaearctic (East to Kyrgyzstan).

References:

A. o.: Brignoli, 1978: 502 (distribution record).

A. o.: Zamani, 2015: 13 (distribution record).

3) *Benoitia lepida* (O. Pickard-Cambridge, 1876)

Records: Fars.

Distribution: North Africa, Cyprus, Israel, Yemen, Iran (?).

References:

Agelena l.: Brignoli, 1977: 14 (distribution record).

B. l.: Levy, 1996: 95, f. 36-39 (♂♀).

4) *Tegenaria domestica* (Clerck, 1758)

Records: Golestan, Isfahan, Kordestan, Mazandaran, Razavi Khorasan.

Distribution: Cosmopolitan.

References:

T. d.: Ghahari & Marusik, 2009: 1 (distribution record).

T. d.: Ghahari & Tabari, 2012: 139 (distribution record).

5) *Tegenaria lenkoranica* (Guseinov, Marusik & Koponen, 2005)^

Records: Alborz, Mazandaran, Tehran.

Distribution: Azerbaijan, Iran.

References:

T. l.: Zamani et al., 2014b: 363 (distribution record).

6) *Tegenaria pagana* C. L. Koch, 1840

Records: Tehran.

Distribution: Europe to Central Asia, USA to Chile, New Zealand.

References:

T. p.: Zamani et al., 2014b: 363 (distribution record).

7) *Tegenaria zamani* Marusik & Omelko, 2014*

Records: Golestan.

Distribution: Iran.

References:

T. z.: Marusik & Omelko, in Marusik et al., 2014: 256, f. 1a-l, 2a-e (♀).

Family Araneidae Clerck, 1757

8) *Aculepeira ceropegia* (Walckenaer, 1802)

Records: Kerman.

Distribution: West Palaearctic.

References:

A. c.: Roewer, 1955: 754 (distribution record).

Comment: This species is probably misidentified and may refer to *A. armida* (Audouin, 1826).

9) *Agalenatea redii* (Scopoli, 1763)

Records: Golestan, Mazandaran.

Distribution: West Palaearctic.

References:

A. r.: Ghavami, 2006: 1839 (distribution record).

A. r.: Ghahari & Marusik, 2009: 1 (distribution record).

A. r.: Ghahari & Tabari, 2012: 138 (distribution record).

A. r.: Kashefi et al., 2013: 9 (distribution record).

A. r.: Zamani, 2015: 12 (distribution record).

10) *Araneus angulatus* Clerck, 1757

Records: Gilan, Golestan, Isfahan, Mazandaran, Semnan.

Distribution: West Palaearctic.

References:

A. a.: Mozaffarian, Tirgari & Bayat-Asadi, 2000: 65 (distribution record).

A. a.: Ghavami, 2006: 1839 (distribution record).

A. a.: Ghahari & Marusik, 2009: 2 (distribution record).

A. agulatus: Ghahari & Tabari, 2012: 138 (distribution record).

A. a.: Kashefi et al., 2013: 9 (distribution record).

A. a.: Zamani, 2015: 13 (distribution record).

11) *Araneus diadematus* Clerck, 1757 (Fig. 3A)

Records: Ardebil, Gilan, Golestan, Mazandaran.

Distribution: Holarctic.

References:

- A. d.*: Ghavami, 2006: 1840 (distribution record).
A. d.: Ghavami & Amooz, 2008: 74 (distribution record).
A. d.: Ghahari & Marusik, 2009: 2 (distribution record).

12) *Araneus marmoreus* Clerck, 1757 (Fig. 3B)

Records: Golestan.

Distribution: Holarctic.

References:

- A. m.*: Kashefi et al., 2013: 9 (distribution record).

13) *Araniella alpica* (C. L. Koch, 1869)

Records: Golestan.

Distribution: West Palaearctic.

References:

- A. a.*: Ghavami, 2006: 1839 (distribution record).

Comment: This species is probably misidentified.

14) *Araniella cucurbitina* (Clerck, 1757)

Records: Gilan, Golestan, Mazandaran.

Distribution: West Palaearctic.

References:

- A. c.*: Roewer, 1955: 754 (distribution record).
A. c.: Ghavami, 2006: 1839 (distribution record).
A. c.: Ghavami & Amooz, 2008: 74 (distribution record).
A. c.: Kashefi et al., 2013: 9 (distribution record).

15) *Araniella inconspicua* (Simon, 1874)

Records: Golestan.

Distribution: West Palaearctic.

References:

- A. i.*: Ghavami, 2006: 1839 (distribution record).

Comment: This species is probably misidentified.

16) *Araniella opistographa* (Kulczyński, 1905)

Records: Golestan.

Distribution: West Palaearctic.

References:

- A. o.*: Ghavami, 2006: 1839 (distribution record).

Comment: This species is probably misidentified.

17) *Argiope bruennichii* (Scopoli, 1772)

Records: Chahar Mahal & Bakhtiary, East or West Azarbayjan, Fars, Gilan, Golestan, Mazandaran, Qazvin, Razavi Khorasan, Zanjan.

Distribution: Palaearctic.

References:

- A. b.*: Pocock, 1899: 400 (distribution record).
A. b.: Roewer, 1955: 754 (distribution record).
A. b.: Mozaffarian & Tirgari, 2000: 104 (distribution record).
A. b.: Mozaffarian, Tirgari & Bayat-Asadi, 2000: 65 (distribution record).
A. b.: Mirshamsi, 2005b: 64 (distribution record).
A. b.: Mirshamsi & Darvish, 2005: 408, f. 6-9 (♂♀).
A. b.: Ghavami et al., 2007: 2564 (distribution record).
A. b.: Ghavami & Amooz, 2008: 74 (distribution record).
A. b.: Ghahari & Marusik, 2009: 2 (distribution record).
A. b.: Ghahari & Tabari, 2012: 138 (distribution record).
A. b.: Jäger, 2012: 286, f. 37-41 (♂♀).
A. b.: Kashefi et al., 2013: 9 (distribution record).
A. b.: Zamani, 2015: 13 (distribution record).

18) *Argiope lobata* (Pallas, 1772)

Records: Ardebil, Fars, Kerman, Mazandaran, Razavi Khorasan, South Khorasan, Tehran, Zanjan.

Distribution: Old World.

References:

- A. l.*: Pocock, 1889: 110 (distribution record).
A. l.: Roewer, 1955: 754 (distribution record).
A. l.: Mirshamsi, 2005b: 64 (distribution record).
A. l.: Mirshamsi & Darvish, 2005: 406, f. 1-5 (♂♀).
A. l.: Ghavami, 2006: 1840 (distribution record).
A. l.: Ghavami, 2008: 687 (distribution record).
A. l.: Ghahari & Tabari, 2012: 139 (distribution record).
A. l.: Jäger, 2012: 288, f. 44-48 (♂♀).
A. l.: Kashefi et al., 2013: 9 (distribution record).
A. l.: Namaghi, Kaykhosravi & Zamani, 2014: 106 (distribution record).
A. l.: Zamani, 2015: 13 (distribution record).

19) *Argiope sector* (Forsskål, 1776)

Records: Bushehr.

Distribution: North Africa, Middle East, Cape Verde Is.

References:

- A. clarkii*: Pocock, 1903: 188, pl. 14, f. 3 (♂♀).

20) *Argiope trifasciata* (Forsskål, 1775)

Records: Hormozgan.

Distribution: Cosmopolitan.

References:

A. t.: Zamani et al., 2014b: 30 (distribution record).

21) *Cyclosa conica* (Pallas, 1772)

Records: Golestan, Mazandaran, Qazvin, Zanjan.

Distribution: Holarctic.

References:

C. c.: Ghavami, 2006: 1840 (distribution record).

C. c.: Ghavami et al., 2007: 2564 (distribution record).

C. c.: Ghavami & Amooz, 2008: 74 (distribution record).

C. c.: Ghahari & Tabari, 2012: 139 (distribution record).

C. c.: Zamani, 2015: 13 (distribution record).

22) *Cyclosa sierrae* Simon, 1870

Records: Golestan.

Distribution: Europe to Iran.

References:

C. s.: Kashefi et al., 2013: 9 (distribution record).

23) *Hypsosinga albovittata* (Westring, 1851)

Records: Tehran.

Distribution: Palearctic.

References:

H. a.: Ghavami, 2006: 1840 (distribution record).

24) *Hypsosinga pygmaea* (Sundevall, 1831)

Records: Gilan, Golestan, Mazandaran, Zanjan.

Distribution: Holarctic.

References:

H. p.: Mozaffarian, Tirgari & Bayat-Asadi, 2000: 65 (distribution record).

H. p.: Ghavami, 2006: 1840 (distribution record).

H. p.: Ghavami et al., 2007: 2564 (distribution record).

H. p.: Zamani, 2015: 13 (distribution record).

25) *Hypsosinga sanguinea* (C.L. Koch, 1844)

Records: Golestan, Mazandaran.

Distribution: Palearctic.

References:

H. s.: Ghavami, 2006: 1840 (distribution record).

H. s.: Ghavami & Amooz, 2008: 74 (distribution record).

26) *Larinia chloris* (Audouin, 1826)

Records: Lorestan.

Distribution: Turkey to Mozambique, India.

References:

L. c.: Mozaffarian, 2000: 108 (distribution record).

Comment: This species is probably misidentified.

27) *Larinioides cornutus* (Clerck, 1757)

Records: Golestan, Kerman.

Distribution: Holarctic.

References:

L. c.: Roewer, 1955: 754 (distribution record).

L. c.: Ghavami, 2006: 1840 (distribution record).

L. c.: Ghavami & Amooz, 2008: 74 (distribution record).

L. c.: Kashefi et al., 2013: 10 (distribution record).

Comment: This species is probably misidentified and all records may refer to *L. folium*.

28) *Larinioides folium* (Schranck, 1803)

Records: Gilan, Golestan, Isfahan, Kerman, Mazandaran, Razavi Khorasan, Tehran.

Distribution: Palearctic.

References:

L. f.: Mozaffarian & Tirgari, 2000: 104 (distribution record).

L. f.: Mozaffarian, Tirgari & Bayat-Asadi, 2000: 65 (distribution record).

L. f.: Ghavami, 2006: 1840 (distribution record).

L. f.: Ghahari & Marusik, 2009: 2 (distribution record).

L. f.: Ghahari & Tabari, 2012: 139 (distribution record).

29) *Mangora acalypha* (Walckenaer, 1802)

Records: Gilan, Golestan, Mazandaran, Qazvin, Semnan, Tehran.

Distribution: West Palearctic.

References:

M. a.: Ghavami, 2006: 1840 (distribution record).

M. a.: Ghavami et al., 2007: 2564 (distribution record).

M. a.: Ghavami, 2008: 687 (distribution record).

M. a.: Ghavami & Amooz, 2008: 74 (distribution record).

M. acalypha: Ghahari & Tabari, 2012: 139 (distribution record).

M. a.: Kashefi et al., 2013: 10 (distribution record).

30) *Neoscona adianta* (Walckenaer, 1802)

Records: Ardebil, Gilan, Golestan, Isfahan, Kordestan, Mazandaran, Qazvin.

Distribution: Palearctic.

References:

- N. a.*: Mozaffarian & Tirgari, 2000: 103 (distribution record).
N. a.: Komposch, 2002: 103 (distribution record).
N. a.: Ghavami et al., 2007: 2564 (distribution record).
N. a.: Ghavami & Amooz, 2008: 74 (distribution record).
N. a.: Ghavami et al., 2008: 182 (distribution record).
N. a.: Ghahari & Marusik, 2009: 2 (distribution record).
N. a.: Ghahari & Tabari, 2012: 139 (distribution record).
N. a.: Kashefi et al., 2013: 10 (distribution record).
N. a.: Zamani, 2015: 13 (distribution record).

31) *Neoscona subfusca* (C.L. Koch, 1837)

Records: Golestan, Kerman, Markazi, Mazandaran.

Distribution: Old World.

References:

- N. s.*: Ghahari & Marusik, 2009: 2 (distribution record).
N. s.: Ghahari & Tabari, 2012: 139 (distribution record).
N. s.: Kashefi et al., 2013: 10 (distribution record).
N. s.: Zamani, 2015: 13 (distribution record).

32) *Nuctenea silvicultrix* (C. L. Koch, 1835)

Records: Gilan.

Distribution: Palaeartic.

References:

- N. s.*: Roewer, 1955: 754 (distribution record).

Comment: This species is probably misidentified.

33) *Nuctenea umbratica* (Clerck, 1757)

Records: Golestan, Mazandaran.

Distribution: West Palaeartic.

References:

- N. u.*: Komposch, 2002: 103 (distribution record).
N. u.: Zamani, 2015: 13 (distribution record).

34) *Singa hamata* (Clerck, 1757)

Records: Gilan.

Distribution: Palaeartic.

References:

- S. b.*: Ghavami & Amooz, 2008: 74 (distribution record).

35) *Singa lucina* (Audouin, 1826)

Records: Gilan, Golestan, Kerman, Mazandaran.

Distribution: Mediterranean to Central Asia.

References:

- S. l.*: Mozaffarian & Tirgari, 2000: 104 (distribution record).
S. l.: Mozaffarian, Tirgari & Bayat-Asadi, 2000: 65 (distribution record).
S. livina: Ghavami, 2006: 1840 (distribution record).
S. l.: Ghahari & Marusik, 2009: 2 (distribution record).
S. l.: Ghahari & Tabari, 2012: 139 (distribution record).
S. l.: Zamani, 2015: 13 (distribution record).

36) *Singa semiatra* C. L. Koch, 1867

Records: Golestan.

Distribution: Mediterranean to Iran.

References:

- S. s.*: Kashefi et al., 2013: 10 (distribution record).

37) *Zygiella x-notata* (Clerck, 1757)

Records: Golestan.

Distribution: Europe, Japan, Neotropical.

References:

- Z. x.*: Ghavami, 2006: 1843 (distribution record).

Comment: This species is probably misidentified.

Family Anyphaenidae Bertkau, 1878

38) *Anyphaena accentuata* (Walckenaer, 1802)

Records: Mazandaran.

Distribution: Europe to Central Asia.

References:

- A. a.*: Zamani, 2015: 12 (distribution record).

Family Atypidae Thorell, 1870

39) *Atypus piceus* (Sulzer, 1776) (Fig. 3C)

Records: Mazandaran.

Distribution: Europe to Moldavia, Iran.

References:

- A. p.*: Schwendinger, 1990: 358, f. 13, 15, 26-29, 31, 33-36 (♂♀).

Comment: This species is probably misidentified and most likely refers to *A. muralis* Bertkau, 1890 known from Azerbaijan and Turkmenistan (Mikhailov, 2013).

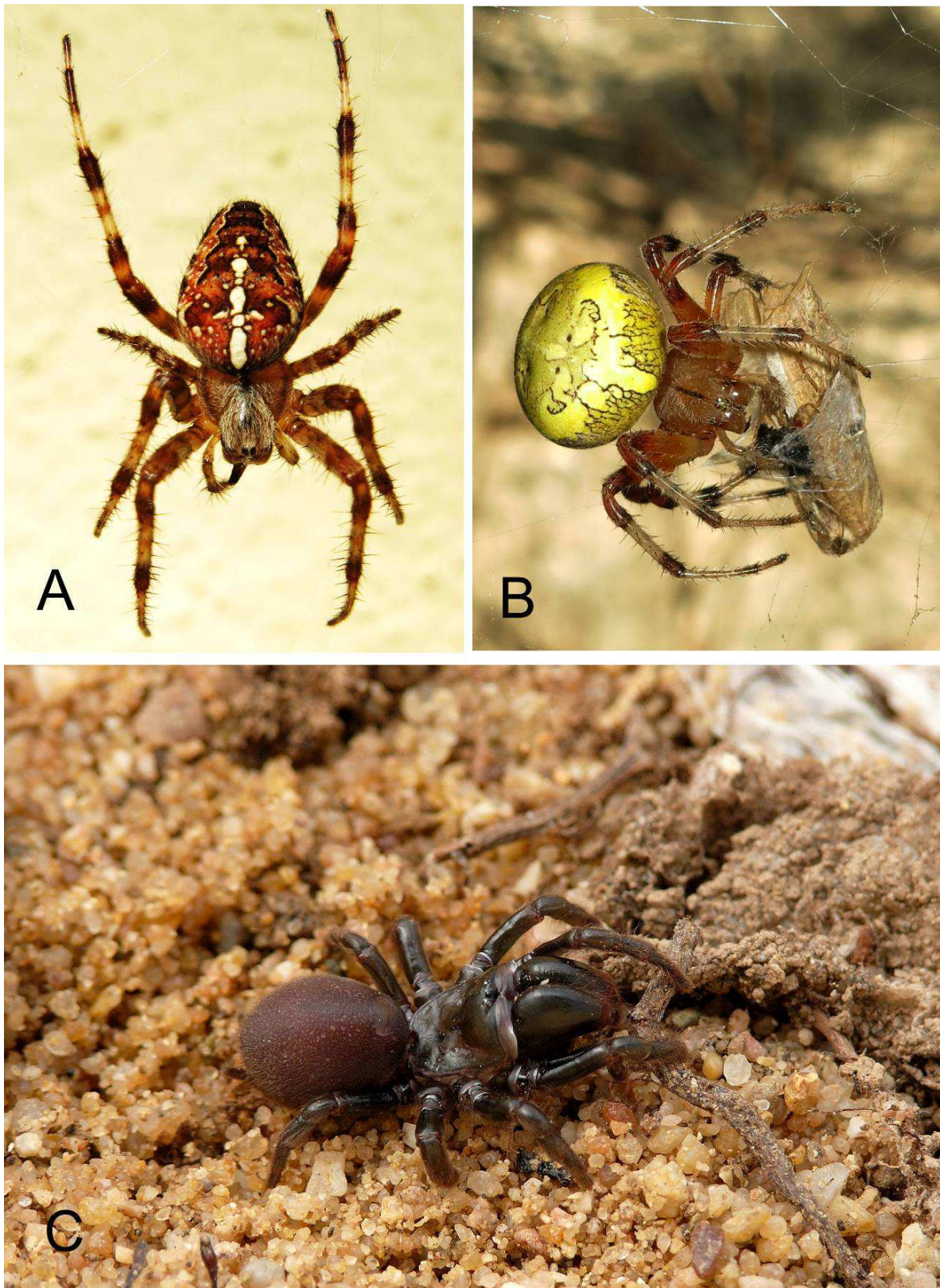


FIGURE 3: General habitus of A) *Araneus diadematus*; B) *Araneus marmoreus*; C) *Atypus piceus*. Photos by Alireza Zamani (A, B) and John Osmani (C).

Family Caponiidae Simon, 1890

40) *Iraponia scutata* Kranz-Baltensperger, Platnick & Dupérré, 2009*

Records: Kohgiluyeh & Buyer Ahmad.

Distribution: Iran.

References:

I. s. Kranz-Baltensperger, Platnick & Dupérré, 2009: 3, f. 1-59 (♂♀).

Family Cithaeronidae Simon, 1893

41) *Cithaeron praedonius* O. P.-Cambridge, 1872

Records: Tehran.

Distribution: Cosmopolitan.

References:

C. p.: Platnick & Gajbe, 1994: 83 (distribution record).

Family Clubionidae Wagner, 1887

42) *Clubiona lutescens* Westring, 1851

Records: Mazandaran.

Distribution: Holarctic.

References:

C. l.: Mikhailov, 2003: 287 (distribution record).

43) *Clubiona mazandarunica* Mikhailov, 2003[^]

Records: Mazandaran.

Distribution: Azerbaijan, Iran.

References:

C. m. Mikhailov, 2003: 290, f. 4-5, 11, 15, 18-19(♂♀).

44) *Clubiona neglecta* O.P. Cambridge, 1862

Records: Ardebil, Golestan, Kordestan.

Distribution: Palaearctic.

References:

C. n.: Ghavami, 2006: 1840 (distribution record).

C. n.: Ghavami et al., 2008: 182 (distribution record).

C. n.: Ghahari & Marusik, 2009: 2 (distribution record).

C. n.: Kashefi et al., 2013: 10 (distribution record).

45) *Clubiona phragmitis* C. L. Koch, 1843

Records: Gilan, Mazandaran.

Distribution: Palaearctic.

References:

C. p.: Mozaffarian & Tirgari, 2000: 109 (distribution record).

C. p.: Ghavami, 2006: 1840 (distribution record).

C. p.: Ghahari & Marusik, 2009: 3 (distribution record).

Family Corinnidae Karsch, 1880

46) *Castianeira arnoldii* Charitonov, 1946

Records: Golestan, Markazi.

Distribution: Turkmenistan, Uzbekistan, Iran.

References:

C. a.: Kashefi et al., 2013: 10 (distribution record).

C. a.: Zamani, 2015: 13 (distribution record).

Family Cybaeidae Banks, 1892

47) *Argyroneta aquatica* (Clerck, 1757)

Records: Golestan.

Distribution: Palaearctic.

References:

A. a.: Soufi et al., 2013: 186 (distribution record).

48) *Cybaeus angustiarum* C. L. Koch, 1868

Records: Gilan.

Distribution: Europe to Iran.

References:

C. a.: Roewer, 1955: 754 (distribution record).

Comment: This species is probably misidentified and record refers to *Cedicus* sp.

Family Cyrtaucheniidae Simon, 1889

49) *Anemesia koponeni* Marusik, Zamani & Mirshamsi, 2014*

Records: South Khorasan.

Distribution: Iran.

References:

A. k. Marusik, Zamani & Mirshamsi, 2014: 2, f. 1-8 (♂).

Family Dictynidae O. P.-Cambridge, 1871

50) *Argenna patula* (Simon, 1874)

Records: Tehran.

Distribution: Palaearctic.

References:

A. p.: Ghavami, 2008: 687 (distribution record).

A. p.: Ghavami et al., 2008: 183 (distribution record).

Comment: This species is probably misidentified.

51) *Brigittea latens* (Fabricius, 1775)

Records: Gilan, Golestan, Mazandaran.

Distribution: Europe to Central Asia.

References:

Dictyna l.: Ghavami, 2007: 686 (distribution record).

Dictyna l.: Zamani, 2015: 13 (distribution record).

52) *Lathys humilis* (Blackwall, 1855)

Records: Mazandaran.

Distribution: Palearctic.

References:

L. h.: Marusik, Koponen & Fritzén, 2009: 184, f. 1-3, 7-9, 13-16, 20-22, 26-27 (♂♀).

53) *Nigma flavescens* (Walckenaer, 1830)

Records: Isfahan.

Distribution: West and Central Palearctic.

References:

N. f.: Ghavami, 2006: 1840 (distribution record).

Comment: This species is probably misidentified.

Family Dipluridae Simon, 1889

54) *Phyxioschema raddei* Simon, 1889

Records: Mazandaran.

Distribution: Central Asia, Iran.

References:

P. r.: Schwendinger & Zonstein, 2011: 31, f. 2A-F, 3A-P, 4A-H, 5A-H (♂♀).

Family Dysderidae C. L. Koch, 1837

55) *Dysdera aculeata* Kroneberg, 1875

Records: Mazandaran.

Distribution: Central Asia, Croatia (introduced), Iran (?).

References:

D. a.: Ghahari & Tabari, 2012: 139 (distribution record).

Comment: This species is probably misidentified.

56) *Dysdera asiatica* Nosek, 1905[^]

Records: Isfahan, Kerman.

Distribution: Turkey, Iran (?).

References:

D. a.: Roewer, 1955: 752 (distribution record).

Comment: This species is probably misidentified.

57) *Dysdera concinna* C. L. Koch, 1878[^]

Records: Razavi Khorasan.

Distribution: Azerbaijan, Iran (?).

References:

D. c.: Pocock, 1889: 112 (distribution record).

Comment: This species is probably misidentified.

58) *Dysdera erythrina* (Walckenaer, 1802)

Records: Isfahan, Mazandaran.

Distribution: Europe to Georgia.

References:

D. e.: Roewer, 1955: 752 (distribution record).

Comment: This species is probably misidentified.

59) *Harpactea babori* (Nosek, 1905)

Records: Mazandaran.

Distribution: Bulgaria, Turkey, Iran (?).

References:

H. b.: Ghahari & Tabari, 2012: 139 (distribution record).

Comment: This species is probably misidentified.

60) *Harpactea dohati* Alicata, 1974[^]

Records: Mazandaran.

Distribution: Turkey, Iran (?).

References:

H. d.: Ghahari & Tabari, 2012: 139 (distribution record).

Comment: This species is probably misidentified.

61) *Harpactea parthica* Brignoli, 1980[^]

Records: Razavi Khorasan.

Distribution: Iran, Turkmenistan.

References:

H. p. Brignoli, 1980: 96, f. 1 (♀).

62) *Tedia oxygnatha* Simon, 1882

Records: Mazandaran.

Distribution: Syria, Iran (?).

References:

T. o.: Ghahari & Tabari, 2012: 139 (distribution record).

Comment: This species is probably misidentified.

Family Eresidae C. L. Koch, 1845

63) *Eresus cinnaberinus* (Olivier, 1789) *nomen dubium*

Records: Razavi Khorasan.

Distribution: West and Central Palaearctic.

References:

E. c.: Mirshamsi, 2005b: 60 (distribution record).

64) *Eresus kollari* (Olivier, 1789) (Fig. 4A)

Records: Razavi Khorasan.

Distribution: West Palaearctic.

References:

E. k.: Zamani et al., 2014b: 363 (distribution record).

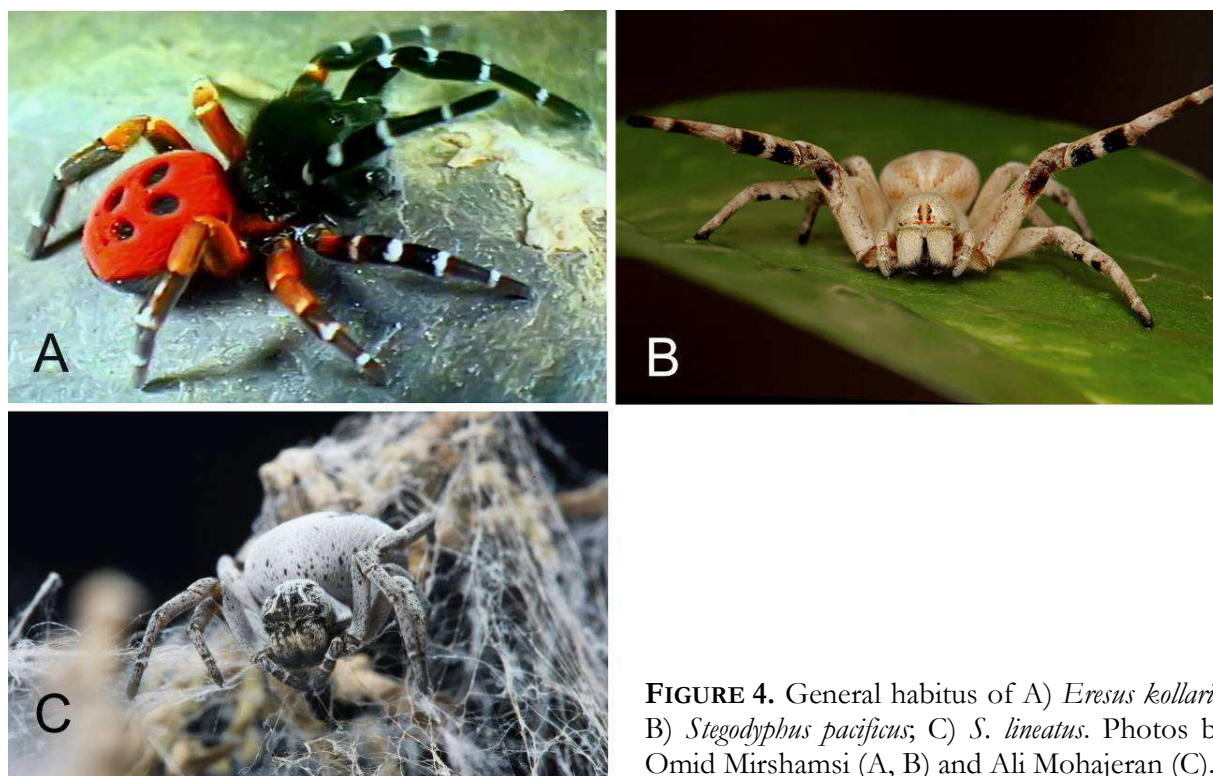


FIGURE 4. General habitus of A) *Eresus kollari* ; B) *Stegodyphus pacificus*; C) *S. lineatus*. Photos by Omid Mirshamsi (A, B) and Ali Mohajeran (C).

65) *Stegodyphus lineatus* (Latreille, 1817) (Fig. 4C)

Records: Bushehr, Kerman.

Distribution: Mediterranean to Tajikistan.

References:

S. l.: Kraus & Kraus, 1989: 231, f. 1-2, 28, 202-205, 227-228, 234-242 (♂♀).

66) *Stegodyphus pacificus* Pocock, 1900 (Fig. 4B)

Records: Gilan, Kerman, Qazvin, Razavi Khorasan, South Khorasan, Tehran.

Distribution: From Jordan to India.

References:

S. dufourii: Roewer, 1955: 782 (distribution record).

S. p.: Kraus & Kraus, 1989: 202, f. 102, 109, 116, 119, 121-124, 132-138 (♂♀).

S. p.: Mirshamsi, 2005b: 60 (distribution record).

S. p.: Namaghi, Kaykhosravi & Zamani, 2014: 107 (distribution record).

S. p.: Zamani, 2015: 13 (distribution record).

Family Eutichuridae Lehtinen, 1967

67) *Cheiracanthium erraticum* (Walckenaer, 1802)

Records: Ardebil, Golestan, Mazandaran, Tehran.

Distribution: Palaearctic.

References:

C. e.: Ghavami, 2006: 1843 (distribution record).

C. e.: Ghahari & Marusik, 2009: 2 (distribution record).

C. e.: Ghahari & Tabari, 2012: 139 (distribution record).
Chieracanthium e.: Kashefi et al., 2013: 12 (distribution record).

68) *Cheiracanthium mildei* C. L. Koch, 1864

Records: Golestan, Kerman, Tehran.

Distribution: West Palaeartic and Nearctic.

References:

C. m.: Roewer, 1955: 775 (distribution record).
C. m.: Ghavami, 2006: 1843 (distribution record).
C. m.: Ghahari & Marusik, 2009: 2 (distribution record).
C. m.: Zamani, 2015: 13 (distribution record).

69) *Cheiracanthium montanum* C. L. Koch, 1877

Records: Golestan, Razavi Khorasan.

Distribution: West Palaeartic.

References:

C. m.: Komposch, 2002: 103 (distribution record).
C. m.: Namaghi, Kaykhosravi & Zamani, 2014: 107 (distribution record).

70) *Cheiracanthium pennyi* O.P.-Cambridge, 1873

Records: Ardebil, Fars, Golestan, North Khorasan, Semnan, Tehran.

Distribution: West and Central Palaeartic.

References:

Chieracanthium p.: Mirshamsi, 2005b: 62 (distribution record).
C. p.: Ghavami, 2006: 1843 (distribution record).
C. p.: Ghavami, 2008: 687 (distribution record).
C. p.: Ghavami et al., 2008: 687 (distribution record).

71) *Cheiracanthium virescens* (Sundevall, 1833)

Records: South Khorasan.

Distribution: Palaeartic.

References:

Chieracanthium v.: Mirshamsi, 2005b: 62 (distribution record).

Family Filistatidae Ausserer, 1867

72) *Filistata insidiatrix* (Forsk., 1775)

Records: Chahar Mahal & Bakhtiary, Fars, Golestan, Isfahan, Kordestan, Mazandaran, Razavi Khorasan, Tehran.

Distribution: From Iberian Peninsula to Turkmenistan.

References:

F. i.: Brignoli, 1982: 68, f. 1-5 (♂♀).
F. i.: Ghahari & Marusik, 2009: 4 (distribution record).
F. i.: Ghahari & Tabari, 2012: 139 (distribution record).
F. i.: Marusik & Zonstein, 2014: 200, f. 1-3, 7-8, 11-12, 15-16, 19-22, 25-27 (♂♀).
F. i.: Tabrizi, Rad & Hedayati, 2014: 30 (distribution record).
F. i.: Zamani, 2015: 13 (distribution record).
F. i.: Marusik & Zamani, 2015: 125, f. 1c-d (♂♀).

73) *Filistata lehtineni* Marusik & Zonstein, 2014[^]

Records: Zanjan.

Distribution: Azerbaijan, Iran.

References:

F. l.: Marusik & Zamani, 2015: 125, f. 1a-b (♂♀).

74) *Sahastata sinuspersica* Marusik, Zamani & Mirshamsi, 2014*

Records: Hormozgan.

Distribution: Iran.

References:

S. s. Marusik, Zamani & Mirshamsi, 2014: 9, f. 22-29, 34-40 (♀).

S. s.: Marusik & Zamani, 2015: 126, f. 2a-f, 3a-f, 6b-c (♂♀).

75) *Zaitunia akhanii* Marusik & Zamani, 2015*

Records: Tehran.

Distribution: Iran.

References:

Z. a. Marusik & Zamani, 2015: 129, f. 4a-f, 6a (♀).

76) *Zaitunia alexandri* Brignoli, 1982*

Records: Fars.

Distribution: Iran.

References:

Z. a. Brignoli, 1982: 74, f. 15(♀).

Z. a.: Marusik & Zamani, 2015: 131, f. 5b (♀).

77) *Zaitunia medica* Brignoli, 1982*

Records: Isfahan.

Distribution: Iran.

References:

Z. m. Brignoli, 1982: 72, f. 16 (♀).

Z. m.: Marusik & Zamani, 2015: 131, f. 5c-d (♀).

78) *Zaitunia persica* Brignoli, 1982*

Records: Fars.

Distribution: Iran.

References:

Z. p. Brignoli, 1982: 70, f. 13-14 (♀).

Z. p.: Marusik & Zamani, 2015: 133, f. 5a (♀).

Family Gnaphosidae Pocock, 1898

79) *Anagraphis pallens* Simon, 1893

Records: Razavi Khorasan.

Distribution: Libya, Malta, Syria, Israel, Crete, Iran.

References:

A. p.: Zamani et al., 2014b: 363 (distribution record).

80) *Aphantaulax trifasciata* (O. P.-Cambridge, 1872)

Records: Fars, Gilan, Mazandaran.

Distribution: Palaeartic.

References:

A. t.: Zamani et al., 2014b: 363 (distribution record).

A. t.: Zamani, 2015: 13 (distribution record).

81) *Berlandina cinerea* (Menge, 1872)

Records: Razavi Khorasan.

Distribution: Europe to Kazakhstan.

References:

B. c.: Zamani et al., 2014b: 364 (distribution record).

82) *Civizelotes caucasius* (C. L. Koch, 1866)

Records: Mazandaran.

Distribution: Europe to Iran.

References:

C. c.: Senglet, 2012: 521 (distribution record).

83) *Drassodes cupreus* (Blackwall, 1834)

Records: Semnan, Tehran.

Distribution: Palaeartic.

References:

D. c.: Ghavami, 2008: 687 (distribution record).

D. c.: Zamani, 2015: 13 (distribution record).

84) *Drassodes lapidosus* (Walckenaer, 1802)

Records: Gilan, East or West Azarbayjan, Golestan, Kerman, Mazandaran, Razavi Khorasan.

Distribution: West and Central Palaeartic.

References:

D. l.: Roewer, 1955: 772 (distribution record).

D. l.: Komposch, 2002: 103 (distribution record).

D. l.: Mirshamsi, 2005b: 62 (distribution record).

D. l.: Ghahari & Tabari, 2012: 139 (distribution record).

D. l.: Hosseini et al., 2014: 437 (distribution record).

85) *Drassodes villosus* (Thorell, 1856)

Records: Golestan.

Distribution: Palaeartic.

References:

D. v.: Komposch, 2002: 103 (distribution record).

86) *Drassyllus praeficus* (C.L. Koch, 1866)

Records: Fars, Golestan, Isfahan, Fars, Lorestan, NorthKhorasan.

Distribution: West Palaeartic.

References:

Zelotes p.: Komposch, 2002: 103 (distribution record).

D. p.: Kashefi et al., 2011: 11 (distribution record).

D. p.: Senglet, 2012: 507 (distribution record).

87) *Drassyllus pusillus* (C.L. Koch, 1833)

Records: EastAzarbayjan.

Distribution: Palaearctic.

References:

D. p.: Senglet, 2012: 508 (distribution record).

88) *Drassyllus sur* Tuneva & Esyunin, 2003

Records: Razavi Khorasan.

Distribution: Turkey, Russia, Kazakhstan, Iran.

References:

D. s.: Zamani et al., 2014b: 364 (distribution record).

89) *Gnaphosa leporina* (C. L. Koch, 1866)

Records: Razavi Khorasan.

Distribution: West Palaearctic.

References:

G. l.: Zamani et al., 2014b: 364 (distribution record).

90) *Gnaphosa lucifuga* (Walckenaer, 1802)

Records: Razavi Khorasan.

Distribution: West Palaearctic.

References:

G. l.: Hosseini et al., 2014: 438, f. 2-4 (♂♀).

91) *Haplodrassus dalmatensis* (C. L. Koch, 1866)

Records: Razavi Khorasan, Tehran.

Distribution: West Palaearctic.

References:

H. d.: Ghavami, 2008: 687 (distribution record).

H. d.: Hosseini et al., 2014: 437 (distribution record).

92) *Micaria coarctata* (Lucas, 1846)

Records: Golestan.

Distribution: Mediterranean to Central Asia.

References:

M. albimana: Komposch, 2002: 103 (distribution record).

93) *Micaria pallipes* (Lucas, 1846)

Records: Unknown Province.

Distribution: Canary Is. to Central Asia.

References:

M. p.: Levy, 2002: 116, f. 8-12 (♂♀).

94) *Micaria subopaca* Westring, 1861

Records: Razavi Khorasan.

Distribution: Palaearctic.

References:

M. s.: Zamani et al., 2014b: 364 (distribution record).

95) *Minosiella intermedia* Denis, 1958

Records: Razavi Khorasan.

Distribution: Central Asia, Iran.

References:

M. i.: Zamani et al., 2014b: 364 (distribution record).

96) *Nomisia conigera* (Spassky, 1941)

Records: East or West Azarbayjan.

Distribution: Turkey to Tajikistan.

References:

N. c.: Roewer, 1955: 772 (distribution record).

97) *Nomisia exornata* (C.L. Koch, 1839)

Records: Fars.

Distribution: West Palaearctic.

References:

N. e.: Roewer, 1955: 772 (distribution record).

98) *Nomisia ripariensis* (O. P.-Cambridge, 1872)

Records: Golestan, Kerman, Mazandaran, Razavi Khorasan, Tehran.

Distribution: From Greece to Iran.

References:

N. r.: Roewer, 1955: 772 (distribution record).

N. r.: Ghavami, 2006: 1841 (distribution record).

N. r.: Ghahari & Tabari, 2012: 139 (distribution record).

N. r.: Hosseini et al., 2014: 437 (distribution record).

N. r.: Kashefi et al., 2013: 11 (distribution record).

99) *Phaeocedus braccatus* (C.L. Koch, 1866)

Records: Gilan, Mazandaran.

Distribution: Palaearctic.

References:

P. b.: Mozaffarian, Tirgari & Bayat-Asadi, 2000: 60 (distribution record).

100) *Pterotricha lentiginosa* (C. L. Koch, 1837)

Records: East Azarbayjan, Fars.

Distribution: Mediterranean to Iran.

References:

P. l.: Roewer, 1955: 772 (distribution record).

Comment: This species is probably misidentified.

101) *Pterotricha loeffleri* (Roewer, 1955)*

Records: Bushehr, Fars, Tehran.

Distribution: Iran.

References:

- Bobineus l.* Roewer, 1955: 774, f. 23a-g (♂).
P. l.: Marusik, Omelko & Koponen, 2013: 349, f. 1-7, 11-16 (♂♀).
P. l.: Zamani, 2015: 13 (distribution record).

102) *Scotophaeus blackwalli* (Thorell, 1871)

Records: Semnan, Tehran.

Distribution: Cosmopolitan.

References:

- S. b.*: Ghavami, 2008: 687 (distribution record).
S. b.: Zamani, 2015: 13 (distribution record).

103) *Scotophaeus scutulatus* (C.L. Koch, 1866)

Records: Golestan, Mazandaran, Tehran.

Distribution: West Palearctic.

References:

- S. s.*: Ghahari & Marusik, 2009: 3 (distribution record).
S. s.: Ghahari & Tabari, 2012: 139 (distribution record).
S. s.: Zamani, 2015: 13 (distribution record).

104) *Synaphosus neali* Ovtsharenko, Levy & Platnick, 1994[^]

Records: Fars.

Distribution: Iran, Pakistan.

References:

- S. n.* Ovtsharenko, Levy & Platnick, 1994: 21, f. 77-81 (♂♀).

105) *Synaphosus palearcticus* Ovtsharenko, Levy & Platnick, 1994

Records: Razavi Khorasan.

Distribution: From Crete and Turkey to Kyrgyzstan.

References:

- S. p.*: Zamani et al., 2014b: 364 (distribution record).

106) *Synaphosus shirin* Ovtsharenko, Levy & Platnick, 1994*

Records: Kermanshah.

Distribution: Iran.

References:

- S. s.* Ovtsharenko, Levy & Platnick, 1994: 23, f. 82-83 (♀).

107) *Talanites dunini* Platnick & Ovtsharenko, 1991

Records: Gilan, Mazandaran.

Distribution: Mediterranean, Azerbaijan, Iran and Turkmenistan.

References:

- T. d.*: Mozaffarian, Targari & Bayat-Asadi, 2000: 60 (distribution record).

108) *Talanites fagei* Spassky, 1938

Records: North Khorasan, Razavi Khorasan.

Distribution: Southern European, Russia, Caucasus to Tajikistan, south to Iran.

References:

T. f.: Zamani et al., 2014b: 364 (distribution record).

109) *Trachyzelotes adriaticus* (Caporiacco, 1951)

Records: Razavi Khorasan.

Distribution: Italy to Northwestern China.

References:

T. a.: Zamani et al., 2014b: 364 (distribution record).

110) *Trachyzelotes lyonneti* (Audouin, 1826)

Records: Razavi Khorasan.

Distribution: Mediterranean to Central Asia, Brazil, USA to Peru.

References:

T. l.: Zamani et al., 2014b: 364 (distribution record).

111) *Zelotes femellus* (C.L. Koch, 1866)

Records: East Azarbayjan.

Distribution: Southern Europe, Iran (?).

References:

Z. f.: Roewer, 1955: 773 (distribution record).

Comment: This species is probably misidentified.

112) *Zelotes fulvaster* (Simon, 1878)

Records: Isfahan.

Distribution: Corsica, mainland Greece, and Central Iran.

References:

Z. f.: Senglet, 2011: 522, f. 32-39, 75 (♂♀).

113) *Zelotes longipes* (C.L. Koch, 1866)

Records: Gilan, Golestan, Isfahan, Markazi, Mazandaran.

Distribution: Palaearctic.

References:

Z. l.: Mozaffarian, Tirgari & Bayat-Asadi, 2000: 60 (distribution record).

Z. l.: Ghavami, 2006: 1841 (distribution record).

Z. l.: Ghahari & Marusik, 2009: 3 (distribution record).

Z. l.: Kashefi et al., 2013: 11 (distribution record).

Z. l.: Zamani, 2015: 14 (distribution record).

114) *Zelotes manytchensis* (Ponomarev & Tsvetkov, 2006)

Records: Kohgiluyeh & Buyer Ahmad.

Distribution: Northern Caucasus, Western Kazakhstan, and Central Iran.

References:

Z. m.: Senglet, 2011: 527, f. 59-64, 77 (♂♀).

115) *Zelotes metellus* Roewer, 1928

Records: Fars.

Distribution: Greece to Iran, Israel.

References:

Z. m.: Senglet, 2011: 556, f. 171-178 (♂♀).

116) *Zelotes puritanus* Chamberlin, 1922

Records: Razavi Khorasan.

Distribution: Holarctic.

References:

Z. p.: Namaghi, Kaykhosravi & Zamani, 2014: 107 (distribution record).

Family Hersiliidae Thorell, 1870

117) *Duninia baehrae* Marusik & Fet, 2009[^]

Records: North Khorasan, Razavi Khorasan.

Distribution: Turkmenistan, Iran.

References:

D. b.: Mirshamsi, Marusik & Jamili, 2013: 349, f. 2a-d (♂♀).

118) *Duninia darvishi* Mirshamsi & Marusik, 2013*

Records: Razavi Khorasan.

Distribution: Iran.

References:

D. d. Mirshamsi & Marusik, in Mirshamsi, Marusik & Jamili, 2013: 350, f. 3, 4a-g, 5a-d (♂♀).

119) *Duninia rheimsae* Marusik & Fet, 2009* (Fig. 5A)

Records: Tehran.

Distribution: Iran.

References:

D. r. Marusik & Fet, 2009: 98, f. 8.7, 11.5-7 (♀).

120) *Hersiliola foordi* Marusik & Fet, 2009*

Records: Fars.

Distribution: Iran.

References:

H. f. Marusik & Fet, 2009: 86, f. 7.13-14, 8.5 (♀).

121) *Hersiliola sternbergi* Marusik & Fet, 2009

Records: South Khorasan.

Distribution: Turkmenistan, Uzbekistan, Iran.

References:

H. s.: Mirshamsi, Marusik & Jamili, 2013: 348, f. 1 (♂).

Family Leptonetidae Simon, 1890

122) *Leptonetela caucasica* Dunin, 1990

Records: Ardebil (?).

Distribution: Georgia, Azerbaijan, Iran (?).

References:

L. c.: Marusik & Guseinov, 2003: 34, f. 15-16 (♀).

Comment: This species was provisionally reported from the border of Iran and Azerbaijan in Astara. Although there are no records of it from Iran, we assume that it should be widespread in northwestern part of the country.

Family Linyphiidae Blackwall, 1859

123) *Agyneta fuscipalpa* (C.L. Koch, 1836)

Records: Chahar Mahal & Bakhtiari, East Azarbayjan, Fars, Gilan, Hamedan, Ilam, Isfahan, Kermanshah, Khuzestan, Kohgiluyeh & Buyer Ahmad, Kordestan, Lorestan, Mazandaran, Razavi Khorasan, Tehran, West Azarbayjan.

Distribution: WesternPalaeartic.

References:

A. f.: Tanasevitch, 2008: 472 (distribution record).

A. f.: Tanasevitch, 2009: 380 (distribution record).

124) *Agyneta iranica* Tanasevitch, 2011*

Records: Golestan.

Distribution: Iran.

References:

A. i. Tanasevitch, 2011: 45, f. 1-7 (♂♀).

125) *Agyneta kopetdaghensis* Tanasevitch, 1989

Records: Mazandaran, Tehran.

Distribution: Turkmenistan, Iran, Kazakhstan.

References:

A. k.: Tanasevitch, 2008: 472 (distribution record).

A. k.: Tanasevitch, 2009: 381 (distribution record).

126) *Agyneta mesasiatica* Tanasevitch, 2000

Records: East Azarbayjan, Golestan, Mazandaran, North Khorasan, Tehran, West Azarbayjan.

Distribution: Russia, Iran, Central Asia..

References:

A. m.: Tanasevitch, 2008: 473 (distribution record).

A. m.: Tanasevitch, 2009: 381 (distribution record).

127) *Agyneta mollis* (O.P.-Cambridge, 1871)

Records: East Azarbayjan.

Distribution: Palaeartic.

References:

A. m.: Tanasevitch, 2009: 383 (distribution record).

128) *Agyneta rurestris* (C.L. Koch, 1836)

Records: Tehran.

Distribution: Western Palaeartic.

References:

A. r.: Tanasevitch, 2009: 383 (distribution record).

129) *Araeoncus caucasicus* Tanasevitch, 1987

Records: Chahar Mahal & Bakhtiari, East Azarbayjan, Fars, Hamedan, Ilam, Isfahan, Kermanshah, Khuzestan, Kordestan, Lorestan, Mazandaran, Tehran, West Azarbayjan.

Distribution: Caucasus, Iran, Kazakhstan.

References:

A. c.: Tanasevitch, 2008: 473 (distribution record).

130) *Araeoncus humilis* (Blackwall, 1841)

Records: Kermanshah, Kordestan, West Azarbayjan.

Distribution: Western Palaearctic.

References:

A. b.: Tanasevitch, 2009: 473, f. 1-4 (♂).

131) *Araeoncus mitriformis* Tanasevitch, 2008[^]

Records: Chahar Mahal & Bakhtiari, Hamedan.

Distribution: Iran, Turkey.

References:

A. m.: Tanasevitch, 2008: 473, f. 1-4 (♂).

A. m.: Tanasevitch, 2009: 384, f. 7-11 (♀).

132) *Archaraeoncus alticola* Tanasevitch, 2008*

Records: Tehran.

Distribution: Iran.

References:

A. a.: Tanasevitch, 2008: 474, f. 5-12 (♂).

A. a.: Tanasevitch, 2009: 384, f. 15-16 (♀).

133) *Archaraeoncus prospiciens* (Thorell, 1875)

Records: Chahar Mahal & Bakhtiari, East Azarbayjan, Fars, Gilan, Ilam, Isfahan, Kermanshah, Khuzestan, Kohgiluyeh & Buyer Ahmad, Kordestan, Lorestan, Mazandaran, North Khorasan, Razavi Khorasan, Tehran, West Azarbayjan.

Distribution: From Bulgaria to Northwest China.

References:

A. p.: Tanasevitch, 2008: 476, f. 13-18 (♂♀).

A. p.: Tanasevitch, 2009: 385, f. 12-14 (♀).

134) *Bathyphantes gracilis* (Blackwall, 1841)

Records: Gilan.

Distribution: Holarctic.

References:

B. g.: Tanasevitch, 2009: 387 (distribution record).

135) *Bolyphantes elburzensis* Tanasevitch, 2009*

Records: East Azarbayjan, Mazandaran, Tehran.

Distribution: Iran.

References:

B. e.: Tanasevitch, 2009: 387, f. 17-26 (♂♀).

136) *Caviphantes dobrogicus* (Dumitrescu & Miller, 1962)

Records: Chahar Mahal & Bakhtiari, Mazandaran, Tehran, West Azarbayjan.

Distribution: Romania to Central Asia..

References:

C. d.: Tanasevitch, 2009: 389 (distribution record).

137) *Centromerus sylvaticus* (Blackwall, 1841)

Records: Gilan.

Distribution: Holarctic.

References:

C. s.: Tanasevitch, 2009: 390 (distribution record).

138) *Ceratinella brevis* (Wider, 1834)

Records: Gilan.

Distribution: Palaearctic.

References:

C. b.: Tanasevitch, 2009: 390 (distribution record).

139) *Collinsia inerrans* (O. P.-Cambridge, 1885)

Records: Mazandaran, Tehran.

Distribution: Palaearctic.

References:

Halorates i.: Tanasevitch, 2008: 480 (distribution record).

Halorates i.: Tanasevitch, 2009: 397 (distribution record).

140) *Dactylopiastes digiticeps* (Simon, 1881)

Records: East Azarbayjan, Fars, Gilan, Isfahan, Khuzestan, Kohgiluyeh & Buyer Ahmad, Lorestan, Mazandaran, Tehran.

Distribution: Europe to Afghanistan.

References:

D. d.: Tanasevitch, 2008: 476 (distribution record).

D. d.: Tanasevitch, 2009: 390 (distribution record).

141) *Dicymbium nigrum* (Blackwall, 1834)

Records: Gilan, Tehran.

Distribution: Western Palaearctic.

References:

D. n.: Tanasevitch, 2009: 390 (distribution record).

142) *Diplocephalus transcaucasicus* Tanasevitch, 1990^

Records: Mazandaran.

Distribution: Azerbaijan, Iran.

References:

D. t.: Tanasevitch, 2009: 390 (distribution record).

143) *Diplostyla concolor* (Wider, 1834)

Records: Gilan, West Azarbayjan.

Distribution: Holarctic.

References:

D. c.: Tanasevitch, 2009: 390 (distribution record).

144) *Entelecara erythropus* (Westring, 1851)

Records: Chahar Mahal & Bakhtiari, Fars.

Distribution: Palaearctic.

References:

E. sp.: Tanasevitch, 2008: 477 (distribution record).

E. e.: Tanasevitch, 2009: 391 (distribution record).

145) *Erigone atra* Blackwall, 1833

Records: East Azarbayjan, Mazandaran.

Distribution: Holarctic.

References:

E. a.: Tanasevitch, 2008: 478 (distribution record).

E. a.: Tanasevitch, 2009: 391 (distribution record).

146) *Erigone dentipalpis* (Wider, 1834)

Records: Chahar Mahal & Bakhtiari, Fars, Gilan, Golestan, Hamedan, Ilam, Isfahan, Kerman, Kermanshah, Kordestan, Lorestan, Mazandaran, North Khorasan, Razavi Khorasan, Semnan, Tehran, West Azarbayjan.

Distribution: Holarctic.

References:

E. d.: Roewer, 1955: 753 (distribution record).

Erigon d.: Ghavami, 2008: 687 (distribution record).

E. d.: Tanasevitch, 2008: 478 (distribution record).

E. d.: Tanasevitch, 2009: 391 (distribution record).

147) *Erigonella nigrocaeruleus* (Simon, 1881)

Records: Chahar Mahal & Bakhtiari.

Distribution: Corsica, Iran.

References:

E. n.: Tanasevitch, 2008: 478 (distribution record).

148) *Erigonoplus ninae* Tanasevitch & Fet, 1986[^]

Records: Mazandaran.

Distribution: Turkmenistan, Iran.

References:

E. n.: Tanasevitch, 2009: 392 (distribution record).

149) *Erigonoplus sengleti* Tanasevitch, 2008*

Records: Kohgiluyeh & Buyer Ahmad.

Distribution: Iran.

References:

E. s. Tanasevitch, 2008: 478, f. 19-28 (♂).

150) *Erigonoplus zagros* Tanasevitch, 2009*

Records: Chahar Mahal & Bakhtiari, Ilam, Kermanshah.

Distribution: Iran.

References:

E. z.: Tanasevitch, 2009: 393, f. 28-37 (♂♀).

151) *Frontinellina frutetorum* (C.L. Koch, 1834)

Records: Gilan, Golestan, Ilam, Mazandaran, North Khorasan, Qazvin, Tehran, Zanjan.

Distribution: Palaearctic.

References:

- F. f.*: Ghavami, 2006: 1841 (distribution record).
F. f.: Ghavami et al., 2007: 2565 (distribution record).
F. f.: Ghavami & Amooz, 2008: 74 (distribution record).
F. f.: Tanasevitch, 2008: 480 (distribution record).
F. f.: Tanasevitch, 2009: 395 (distribution record).
F. f.: Kashefi et al., 2013: 11 (distribution record).

152) *Gnathonarium dentatum* (Wider, 1834)

Records: Chahar Mahal & Bakhtiari, East Azarbayjan, Fars, Gilan, Hamedan, Isfahan, Kerman, Khuzestan, Kohgiluyeh & Buyer Ahmad, Kordestan, Lorestan, Mazandaran, North Khorasan, Razavi Khorasan, Tehran..

Distribution: Palaearctic.

References:

- G. d.*: Roewer, 1955: 754 (distribution record).
G. d.: Tanasevitch, 2008: 480 (distribution record).
G. d.: Tanasevitch, 2009: 392 (distribution record).

153) *Gongylidiellum murcidum* Simon, 1884

Records: East Azarbayjan, Gilan, Mazandaran.

Distribution: Western Palaearctic, Japan.

References:

- G. m.*: Tanasevitch, 2009: 397 (distribution record).

154) *Lepthyphantes iranicus* Saaristo & Tanasevitch, 1996*

Records: Golestan, Mazandaran.

Distribution: Iran.

References:

- L. i.*: Saaristo & Tanasevitch, 1996a: 61, f. 1A-C (♂♀).
L. i.: Saaristo & Tanasevitch, 1996b: 177, f. 10D (♂).
L. i.: Marusik et al., 2014: 259, f. 4a-i, 5a-d (♂♀).

155) *Leptorhoptrum robustum* (Westring, 1851)

Records: Gilan, Mazandaran, Zanjan.

Distribution: Holarctic.

References:

- L. r.*: Ghavami, 2006: 1841 (distribution record).

Comment: This species is probably misidentified.

156) *Linyphia hortensis* Sundevall, 1830

Records: Gilan.

Distribution: Palaearctic.

References:

L. b.: Tanasevitch, 2009: 397 (distribution record).

157) *Linyphia triangularis* (Clerck, 1757)

Records: Gilan or Kerman, Tehran.

Distribution: Palearctic.

References:

L. t.: Roewer, 1955: 753 (distribution record).

L. t.: Tabrizi, Rad & Hedayati, 2014: 38, f. 4R-T (♂).

158) *Maso sundevalli* (Westring, 1851)

Records: Gilan, Tehran.

Distribution: Holarctic.

References:

M. s.: Tanasevitch, 2008: 480 (distribution record).

M. s.: Tanasevitch, 2009: 398 (distribution record).

159) *Megalephyphantes camelus* (Tanasevitch, 1990)^

Records: Chahar Mahal & Bakhtiari, East Azarbaijan, Fars, Hamedan, Ilam, Kermanshah, Kohgiluyeh & Buyer Ahmad, Kordestan, Khuzestan, Lorestan, Mazandaran, Tehran.

Distribution: Iran, Azerbaijan.

References:

M. c.: Tanasevitch, 2008: 481, f. 29-31 (♀).

M. c.: Tanasevitch, 2009: 398, f. 38-42 (♂♀).

160) *Megalephyphantes kronebergi* (Tanasevitch, 1989)

Records: Razavi Khorasan.

Distribution: Iran, Kazakhstan, Uzbekistan, Kyrgyzstan, Tajikistan and Northwest China.

References:

M. k.: Tanasevitch, 2008: 481 (distribution record).

M. k.: Tanasevitch, 2009: 400 (distribution record).

161) *Megalephyphantes nebulosoides* (Wunderlich, 1977)

Records: Fars, Mazandaran, North Khorasan, Razavi Khorasan.

Distribution: Iran, Central Asia (except Kazakhstan).

References:

M. n.: Tanasevitch, 2008: 481 (distribution record).

M. n.: Tanasevitch, 2009: 400 (distribution record).

162) *Megalephyphantes nebulosus* (Sundevall, 1830)

Records: East Azarbaijan, Kerman.

Distribution: Holarctic.

References:

Leptyphantes n.: Roewer, 1955: 753 (distribution record).

M. n.: Tanasevitch, 2009: 401 (distribution record).

163) *Megalephyphantes pseudocollinus* Saaristo, 1997

Records: East Azarbaijan, Lorestan, Mazandaran.

Distribution: From Europe to Iran.

References:

M. p.: Tanasevitch, 2009: 401, f. 53-56 (♂).

164) *Mesasigone mira* Tanasevitch, 1989

Records: East Azarbayjan, Hamedan, Isfahan, Lorestan, North Khorasan, Razavi Khorasan, Tehran, West Azarbayjan.

Distribution: Northern Caucasus, Iran, Central Asia to Western China.

References:

M. m.: Tanasevitch, 2008: 482 (distribution record).

M. m.: Tanasevitch, 2009: 401 (distribution record).

165) *Microlinyphia pusilla* (Sundevall, 1830)

Records: East Azarbayjan, Fars, Isfahan, Kordestan, Lorestan, Mazandaran, North Khorasan, Razavi Khorasan, Tehran, West Azarbayjan.

Distribution: Holarctic.

References:

M. p.: Tanasevitch, 2008: 482 (distribution record).

M. p.: Tanasevitch, 2009: 403 (distribution record).

166) *Nerienne clathrata* (Sundevall, 1830)

Records: Gilan, Mazandaran, North Khorasan.

Distribution: Holarctic.

References:

N. c.: Tanasevitch, 2008: 482 (distribution record).

N. c.: Tanasevitch, 2009: 403 (distribution record).

167) *Nerienne emphana* (Walckenaer, 1841)

Records: Gilan, Mazandaran.

Distribution: Palaearctic.

References:

N. e.: Tanasevitch, 2009: 403 (distribution record).

168) *Nerienne radiata* (Walckenaer, 1842)

Records: Gilan, Mazandaran.

Distribution: Holarctic.

References:

N. r.: Tanasevitch, 2009: 403 (distribution record).

169) *Oedothorax apicatus* (Blackwall, 1850)

Records: East Azarbayjan, Hamedan, Ilam, Isfahan, Kermanshah, Kordestan, Lorestan, Mazandaran, North Khorasan, Razavi Khorasan, Tehran, West Azarbayjan.

Distribution: Western Palaearctic.

References:

O. a.: Ghavami, 2006: 1842 (distribution record).

O. a.: Tanasevitch, 2008: 483 (distribution record).

O. a.: Tanasevitch, 2009: 403 (distribution record).

170) *Oedothorax meridionalis* Tanasevitch, 1987

Records: Chahar Mahal & Bakhtiari, Fars, Isfahan, Tehran.

Distribution: Caucasus, Iran, Kyrgyzstan.

References:

O. m.: Tanasevitch, 2008: 483 (distribution record).

O. m.: Tanasevitch, 2009: 404 (distribution record).

171) *Palliduphantes sbordonii* (Brignoli, 1970)*

Records: Mazandaran.

Distribution: Iran.

References:

Leptyphantes s. Brignoli, 1970: 56, f. 1-3 (♀).

Leptyphantes s.: Thaler, 1986: 320, f. 24-30, 36-38 (♂♀).

172) *Pelecopsis laptevi* Tanasevitch & Fet, 1986

Records: Razavi Khorasan.

Distribution: Crimea, Southern Russia, Iran, Western Turkmenistan and Kazakhstan.

References:

P. l.: Tanasevitch, 2008: 483 (distribution record).

173) *Piniphantes pinicola* (Simon, 1884)

Records: Chahar Mahal & Bakhtiary, East Azarbaijan, Kermanshah, Mazandaran, Tehran.

Distribution: Western Palaearctic.

References:

P. p.: Tanasevitch, 2009: 405 (distribution record).

174) *Pocadicnemis pumila* (Blackwall, 1841)

Records: Hamedan, Tehran.

Distribution: Holarctic.

References:

P. p.: Tanasevitch, 2009: 405 (distribution record).

175) *Poeciloneta variegata* (Blackwall, 1841)

Records: Hamedan.

Distribution: Holarctic.

References:

P. v.: Tanasevitch, 2009: 406 (distribution record).

176) *Porrhomma microphthalmum* (O. P.-Cambridge, 1871)

Records: Hamedan, Kermanshah.

Distribution: Western Palaearctic.

References:

P. m.: Tanasevitch, 2009: 406 (distribution record).

177) *Porrhomma pallidum* Jackson, 1913

Records: Kordestan.

Distribution: Palaearctic.

References:

P. p.: Tanasevitch, 2009: 406 (distribution record).

178) *Prinerigone vagans* (Audouin, 1826)

Records: Chahar Mahal & Bakhtiari, East Azarbayjan, Fars, Gilan, Golestan, Ilam, Isfahan, Kerman, Kermanshah, Khuzestan, Kohgiluyeh & Buyer Ahmad, Kordestan, Lorestan, Mazandaran, Razavi Khorasan, Tehran, West Azarbayjan..

Distribution: Old World.

References:

Erigone v.: Mozaffarian, Tirgari & Bayat-Asadi, 2000: 63 (distribution record).

P. v.: Ghavami, 2006: 1842 (distribution record).

Erigon v.: Ghavami, 2008: 687 (distribution record).

P. v.: Ghahari & Marusik, 2009: 3 (distribution record).

P. v.: Tanasevitch, 2008: 483 (distribution record).

P. v.: Tanasevitch, 2009: 406, f. 57-70 (♂).

P. v.: Zamani, 2015: 14 (distribution record).

179) *Scutpelecopsis procer* Wunderlich, 2011*

Records: Mazandaran.

Distribution: Iran.

References:

S. p. Wunderlich, 2011: 341, f. 9-11 (♂).

180) *Sengletus extricatus* (O. P.-Cambridge, 1876)

Records: Chahar Mahal & Bakhtiari, Hamedan, Ilam, Kermanshah, Kordestan, Lorestan.

Distribution: Egypt, Israel, Iran.

References:

S. longiscapus Tanasevitch, 2008: 484, f. 33-45 (♂♀).

S. longiscapus: Tanasevitch, 2009: 410 (distribution record).

181) *Sengletus latus* Tanasevitch, 2009*

Records: West Azarbayjan.

Distribution: Iran.

References:

S. l. Tanasevitch, 2009: 409, f. 71-75 (♀).

182) *Silometopus reussi* (Thorell, 1871)

Records: Chahar Mahal & Bakhtiari, East Azarbayjan, Hamedan, Ilam, Isfahan, Kermanshah, Kordestan, Mazandaran, North Khorasan, Tehran, West Azarbayjan.

Distribution: Palaeartic.

References:

S. r.: Tanasevitch, 2008: 485, f. 46-49 (♂).

S. r.: Tanasevitch, 2009: 410 (distribution record).

183) *Styloctetor romanus* (O. P.-Cambridge, 1872)

Records: Khuzestan.

Distribution: Palaeartic.

References:

S. r.: Tanasevitch, 2008: 485 (distribution record).

184) *Tenuiphantes perseus* (van Helsdingen, 1977)

Records: East Azarbayjan, Gilan, Lorestan, Mazandaran, Tehran.

Distribution: Caucasus, Iran.

References:

Leptyphantes p. van Helsdingen, in van Helsdingen, Thaler & Deltshv, 1977: 11, f. 6-8, 69 (♂).

T. mengei: Tanasevitch, 2008: 485 (distribution record).

T. p.: Tanasevitch, 2009: 411, f. 76-79, 83-85, 90-94 (♂♀).

185) *Tenuiphantes tenuis* (Blackwall, 1852)

Records: Alborz, East Azarbayjan, Fars, Gilan, Hamedan, Ilam, Kermanshah, Kohgiluyeh & Buyer Ahmad, Kordestan, Lorestan, Markazi, Mazandaran, North Khorasan, Razavi Khorasan, Tehran.

Distribution: Holarctic.

References:

T. t.: Tanasevitch, 2008: 488 (distribution record).

T. t.: Tanasevitch, 2009: 416 (distribution record).

T. t.: Zamani, 2015: 14 (distribution record).

186) *Tenuiphantes zimmermanni* (Bertkau, 1890)

Records: Tehran.

Distribution: Europe, Russia, Iran (?).

References:

Leptyphantes z.: Ghavami, 2006: 1841 (distribution record).

Comment: This species is misidentified and a single record from Iran most likely refer to *T. perseus*.

Tenuiphantes zimmermanni is unknown in adjacent countries.

187) *Trematocephalus cristatus* (Wider, 1834)

Records: Mazandaran.

Distribution: Palaeartic.

References:

T. c.: Tanasevitch, 2009: 417 (distribution record).

188) *Trichoncoides piscator* (Simon, 1884)

Records: Chahar Mahal & Bakhtiari, East Azarbayjan, Kermanshah, Kordestan, Lorestan, Mazandaran, North Khorasan, Tehran, West Azarbayjan.

Distribution: Western Palaeartic.

References:

T. p.: Tanasevitch, 2008: 488 (distribution record).

T. p.: Tanasevitch, 2009: 417 (distribution record).

189) *Troglohyphantes paulusi* Thaler, 2002*

Records: Gilan.

Distribution: Iran.

References:

T. p. Thaler, 2002: 51, f. 1-8 (♂).

190) *Walckenaeria acuminata* Blackwall, 1833

Records: Gilan.

Distribution: From Europe to Caucasus, Iran.

References:

W. a.: Tanasevitch, 2009: 418 (distribution record).

191) *Walckenaeria alticeps* (Denis, 1952)

Records: Chahar Mahal & Bakhtiari, East Azarbayjan, Fars, Isfahan, Kermanshah, Kordestan, Lorestan, Mazandaran, Tehran.

Distribution: From Europe to Caucasus, Iran.

References:

W. a.: Tanasevitch, 2008: 488 (distribution record).

W. a.: Tanasevitch, 2009: 418 (distribution record).

Family Liocranidae Simon, 1897

192) *Mesiotelus scopensis* Drensky, 1935

Records: Tehran.

Distribution: Mediterranean to Turkmenistan.

References:

M. s.: Zamani et al., 2014b: 365 (distribution record).

Family Lycosidae Sundevall, 1833

193) *Allohogna singoriensis* (Laxmann, 1770)

Records: East Azarbayjan, Mazandaran, Razavi Khorasan, Semnan, West Azarbayjan.

Distribution: Western and Central Palaearctic.

References:

A. s.: Roewer, 1955: 760 (distribution record).

A. s.: Ghahari & Marusik, 2009: 3 (distribution record).

A. s.: Ghahari & Tabari, 2012: 138 (distribution record).

A. s.: Mirshamsi et al., 2015: 100 (distribution record).

194) *Alopecosa accentuata* (Latreille, 1817)

Records: Mazandaran.

Distribution: Palaearctic.

References:

A. a.: Ghahari & Tabari, 2012: 138 (distribution record).

195) *Alopecosa aculeata* (Clerck, 1758)

Records: Alborz, Markazi.

Distribution: Holarctic.

References:

A. a.: Ghahari & Marusik, 2009: 3 (distribution record).

A. a.: Zamani, 2015: 14 (distribution record).

196) *Alopecosa albofasciata* (Brullé, 1832)

Records: Golestan.

Distribution: Mediterranean to Central Asia.

References:

A. a.: Kashefi et al., 2013: 11 (distribution record).

197) *Alopecosa cursor* (Hahn, 1831)

Records: Razavi Khorasan.

Distribution: Palaearctic.

References:

A. c.: Mirshamsi et al., 2015: 100 (distribution record).

198) *Alopecosa pulverulenta* (Clerck, 1757)

Records: Fars, Golestan, Tehran.

Distribution: Palaearctic.

References:

A. p.: Ghavami, 2006: 1842 (distribution record).

A. p.: Ghavami et al., 2008: 183 (distribution record).

199) *Alopecosa schmidtii* (Hahn, 1835)

Records: Tehran.

Distribution: Palaearctic.

References:

A. s.: Zamani, 2015: 12 (distribution record).

200) *Alopecosa trabalis* (Clerck, 1757)

Records: Mazandaran.

Distribution: Europe to Central Asia.

References:

A. t.: Ghahari & Tabari, 2012: 138 (distribution record).

201) *Arctosa cinerea* (Fabricius, 1775)

Records: East or West Azarbayjan, Razavi Khorasan.

Distribution: Palaearctic.

References:

A. c.: Roewer, 1955: 761 (distribution record).

A. c.: Mirshamsi et al., 2015: 100 (distribution record).

202) *Arctosa leopardus* (Sundevall, 1833)

Records: Gilan, Golestan, Ilam, Mazandaran, Razavi Khorasan.

Distribution: Western and Central Palaearctic.

References:

A. l.: Mozaffarian, Tirgari & Bayat-Asadi, 2000: 56 (distribution record).

A. l.: Ghavami, 2006: 1842 (distribution record).

A. l.: Ghahari & Marusik, 2009: 3 (distribution record).

A. l.: Mirshamsi et al., 2015: 100 (distribution record).

A. l.: Zamani, 2015: 14 (distribution record).

203) *Arctosa perita* (Latreille, 1799)

Records: Mazandaran.

Distribution: Holarctic.

References:

A. p.: Ghahari & Tabari, 2012: 138 (distribution record).

204) *Arctosa stigmosa* (Thorell, 1875)

Records: Razavi Khorasan.

Distribution: West Palaearctic.

References:

A. s.: Mirshamsi et al., 2015: 100 (distribution record).

205) *Arctosa tblisiensis* Mcheidze, 1947 (Fig. 5C)

Records: Alborz, Gilan, Golestan, Ilam, Markazi, North Khorasan, Razavi Khorasan.

Distribution: Eastern Mediterranean to Iran.

References:

A. t.: Ghavami, 2006: 1842 (distribution record).

A. t.: Kashefi et al., 2013: 11 (distribution record).

A. t.: Mirshamsi et al., 2015: 100 (distribution record).

A. t.: Zamani, 2015: 14 (distribution record).

206) *Aulonia albimana* (Walckenaer, 1805)

Records: Fars, Mazandaran, Semnan, Tehran.

Distribution: Western Palaearctic.

References:

A. a.: Ghavami, 2006: 1842 (distribution record).

A. a.: Ghavami, 2008: 687 (distribution record).

A. a.: Ghahari & Tabari, 2012: 139 (distribution record).

207) *Aulonia kratochvili* Dunin, Buchar & Absolon, 1986

Records: Alborz, Golestan, Markazi.

Distribution: Western Palaearctic.

References:

A. k.: Mirshamsi et al., 2015: 100, f. 1-3 (♀).

A. k.: Zamani, 2015: 14 (distribution record).

208) *Bogdocosa baskuntchakensis* Ponomarev & Belosludtsev, 2008

Records: North Khorasan, Razavi Khorasan.

Distribution: Northern Caspasia and Iran.

References:

B. b.: Mirshamsi et al., 2015: 101, f. 4-12 (♂♀).

209) *Evipa fortis* Roewer, 1955*

Records: Kerman.

Distribution: Iran.

References:

E. f.: Roewer, 1955: 758, f. 4(♂).

210) *Evipa luteipalpis* Roewer, 1955*

Records: Kerman, Razavi Khorasan.

Distribution: Iran.

SPIDERS OF IRAN

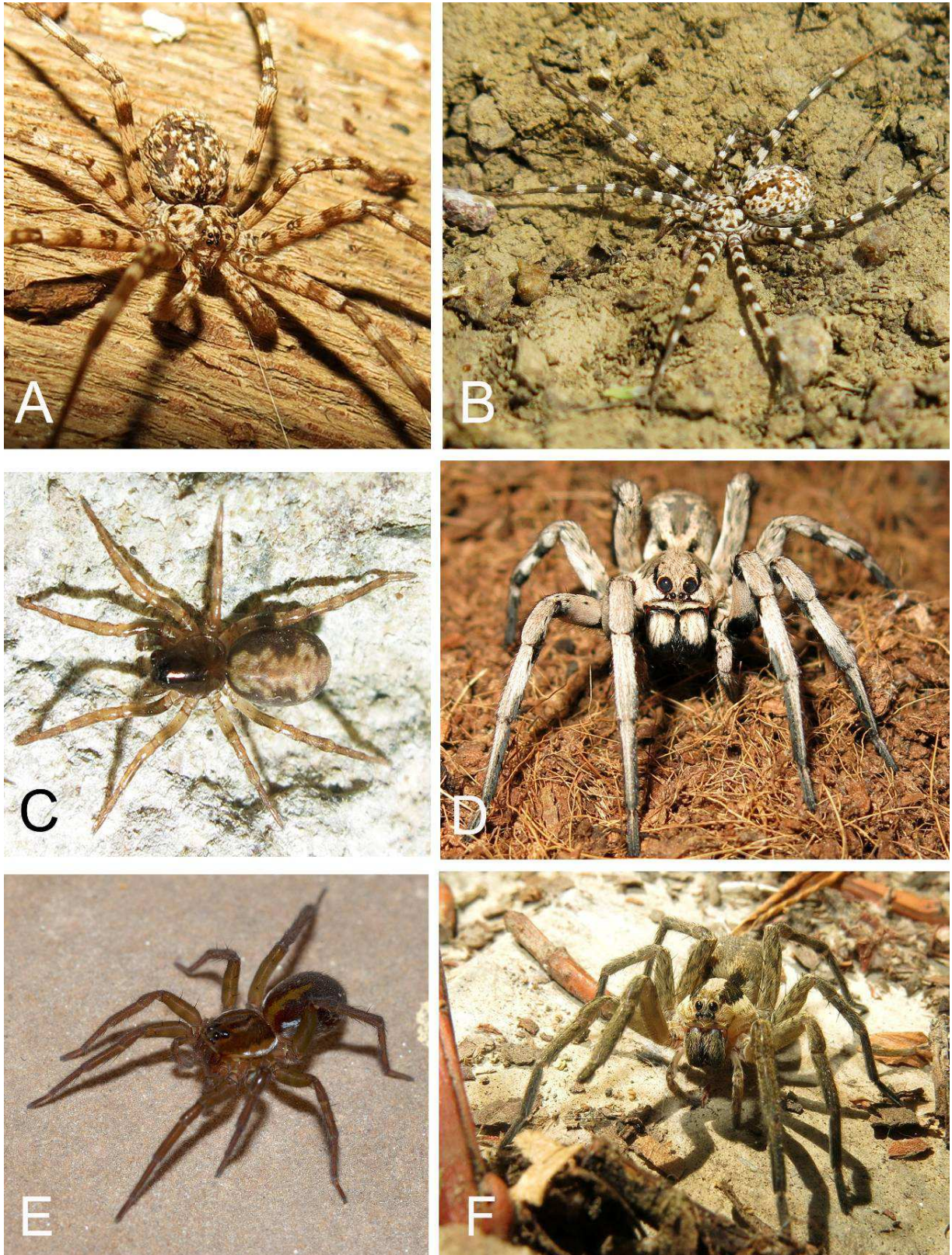


FIGURE 5: General habitus of A) *Duninia rheimsae*; B) *Hersiliola* sp.; C) *Arctosa tbilisiensis*; D) *Lycosa praegrandis*; E) *Pirata piraticus*; F) *Hogna radiata*. Photos by Alireza Zamani (A, B, C, D, F) and John Osmani (E).

References:

- E. l.* Roewer, 1955: 759, f. 5-7 (♂♀).
E. l.: Mirshamsi et al., 2015: 101 (distribution record).

211) *Evippa praelongipes* (O. P.-Cambridge, 1870)

Records: Mazandaran.

Distribution: Egypt to India, Pakistan, Kazakhstan.

References:

E. p.: Roewer, 1955: 758 (distribution record).

Comment: Records outside of Egypt could be misidentifications.

212) *Geolycosa atroscolopulata* Roewer, 1955*

Records: Mazandaran.

Distribution: Iran.

References:

G. a. Roewer, 1955: 765, f. 14-16 (♂♀).

213) *Geolycosa vultuosa* (C. L. Koch, 1838)

Records: Mazandaran.

Distribution: Western Palaearctic.

References:

G. v.: Ghahari & Marusik, 2009: 3 (distribution record).

214) *Hippasa loeffleri* (Roewer, 1955)*

Records: Isfahan.

Distribution: Iran.

References:

Trochosa löffleri Rower, 1955: 771, f. 22 (♀).

215) *Hogna medica* (Pocock, 1889)*

Records: Razavi Khorasan.

Distribution: Iran.

References:

Tarantula m. Pocock, 1889: 110, pl. 13, f. 1 (♂♀).

216) *Hogna nigrichelis* (Roewer, 1955)*

Records: East Azarbayjan, Mazandaran.

Distribution: Iran.

References:

Lycorma n. Roewer, 1955: 767, f. 17-19 (♂♀).

217) *Hogna radiata* (Latreille, 1817) (Fig. 5F)

Records: Fars, Golestan, Kermanshah, Kordestan, Markazi, Mazandaran, North Khorasan, Razavi Khorasan, Tehran, Zanzan..

Distribution: Central Europe to Central Asia, Central Africa.

References:

Honga r.: Ghavami, 2008: 687 (distribution record).

- H. r.*: Ghahari & Marusik, 2009: 4 (distribution record).
Honga r.: Ghahari & Tabari, 2012: 139 (distribution record).
H. r.: Hosseini et al., 2014: 439 (distribution record).
H. r.: Mirshamsi et al., 2015: 102 (distribution record).
H. r.: Zamani, 2015: 14 (distribution record).

218) *Lycosa praegrandis* C. L. Koch, 1836 (Fig. 5D)

Records: Golestan, Khuzestan, Razavi Khorasan, Mazandaran.

Distribution: Western Palaearctic.

References:

- L. p.*: Roewer, 1959: 22 (distribution record).
L. p.: Ghahari & Marusik, 2009: 4 (distribution record).

219) *Lycosa tarantula* (Linnaeus, 1758)

Records: Mazandaran.

Distribution: Southeastern Europe, Mediterranean, Near East.

References:

- L. t.*: Ghahari & Tabari, 2012: 139 (distribution record).

Comment: This species is misidentified.

220) *Orinocosa guentheri* (Pocock, 1899)*

Records: East or West Azarbayjan.

Distribution: Iran.

References:

- Lycosa g.* Pocock, 1899: 401, pl. 26, f. 1 (♂♀).

221) *Pardosa aenigmatica* Tongiorgi, 1966

Records: Ilam.

Distribution: Italy, Turkey, Azerbaijan, Iran.

References:

- P. a.*: Zamani, 2015: 13, f. 2 (♀).

222) *Pardosa agrestis* (Westring, 1861)

Records: Ardebil, Fars, Gilan, Golestan, Markazi, Qazvin, Semnan, Tehran.

Distribution: Palaearctic.

References:

- P. a.*: Komposch, 2002: 103 (distribution record).
P. a.: Ghavami, 2006: 1842 (distribution record).
P. a.: Ghavami et al., 2007: 2565 (distribution record).
P. a.: Ghavami et al., 2008: 183 (distribution record).
P. a.: Ghavami, 2008: 687 (distribution record).
P. a.: Ghavami & Amooz, 2008: 74 (distribution record).
P. a.: Zamani, 2015: 14 (distribution record).

Comment: This species is probably misidentified.

223) *Pardosa agricola* (Thorell, 1856)

Records: East Azarbayjan, Kerman, Markazi, Tehran.

Distribution: Europe to Kazakhstan.

References:

P. a.: Roewer, 1955: 755 (distribution record).

Comment: This species is probably misidentified.

224) *Pardosa amentata* (Clerck, 1757)

Records: Fars, Golestan, Mazandaran, Semnan, Tehran.

Distribution: Western Palearctic.

References:

P. a.: Ghavami, 2006: 1842 (distribution record).

P. a.: Ghavami, 2008: 687 (distribution record).

P. a.: Ghavami & Amooz, 2008: 74 (distribution record).

P. a.: Ghahari & Tabari, 2012: 139 (distribution record).

Comment: This species is probably misidentified.

225) *Pardosa azerifalcata* Marusik, Guseinov & Koponen, 2003[^]

Records: Razavi Khorasan.

Distribution: Azerbaijan, Iran.

References:

P. a.: Namaghi, Kaykhosravi & Zamani, 2014: 107 (distribution record).

226) *Pardosa buchari* Ovtsharenko, 1979

Records: Golestan, Mazandaran.

Distribution: Southern Ukraine, Caucasus, Iran.

References:

P. monticola: Ghavami, 2006: 1842 (distribution record).

P. monticola: Ghavami & Amooz, 2008: 74 (distribution record).

P. b.: Marusik, Ballarin & Omelko, 2012: 120, f. 7-9, 14-15, 20-21, 24, 32-34, 39-40 (♂♀).

P. b.: Zamani, 2015: 14 (distribution record).

227) *Pardosa condolens* (O. P.-Cambridge, 1885)

Records: Isfahan.

Distribution: Tajikistan, Tibet, Afghanistan, Iran.

References:

Pardosops c.: Roewer, 1955: 757, f. 3a-b (♂).

Comment: This species is probably misidentified.

228) *Pardosa donabila* Roewer, 1955*

Records: East or West Azarbayjan, Fars, Mazandaran, Tehran.

Distribution: Iran.

References:

P. d. Roewer, 1955: 755, f. 1-2 (♂♀).

229) *Pardosa hortensis* (Thorell, 1872)

Records: Khuzestan, Mazandaran.

Distribution: Palearctic.

References:

P. b.: Ghahari & Tabari, 2012: 139 (distribution record).

P. b.: Zamani, 2015: 14 (distribution record).

230) *Pardosa italica* Tongiorgi, 1966

Records: Kohgiluyeh & Buyer Ahamd, North Khorasan, Razavi Khorasan.

Distribution: Europe, Central Asia.

References:

P. i.: Mirshamsi et al., 2015: 103 (distribution record).

P. i.: Zamani, 2015: 14 (distribution record).

231) *Pardosa lugubris* (Walckenaer, 1802)

Records: Kerman.

Distribution: Western Palaearctic.

References:

P. l.: Roewer, 1955: 755 (distribution record).

Comment: This species is probably misidentified.

232) *Pardosa morosa* (C. L. Koch, 1870)

Records: North Khorasan, Razavi Khorasan.

Distribution: Europe to Central Asia.

References:

P. m.: Mirshamsi et al., 2015: 103 (distribution record).

233) *Pardosa nebulosa* (Thorell, 1872)

Records: Khuzestan.

Distribution: West Palaearctic.

References:

P. n.: Zamani, 2015: 15 (distribution record).

234) *Pardosa paludicola* (Clerck, 1757)

Records: Mazandaran.

Distribution: Palaearctic.

References:

P. p.: Ghahari & Tabari, 2012: 139 (distribution record).

235) *Pardosa palustris* (Linnaeus, 1758)

Records: Golestan, Razavi Khorasan.

Distribution: Holarctic.

References:

P. p.: Ghavami, 2006: 1842 (distribution record).

P. p.: Hosseini et al., 2014: 440 (distribution record).

Comment: This species is probably misidentified.

236) *Pardosa persica* Marusik, Ballarin & Omelko, 2012*

Records: Fars.

Distribution: Iran.

References:

P. p. Marusik, Ballarin & Omelko, 2012: 112, f. 1-3, 10-11, 16-17, 22, 29-31, 36-38 (♂♀).

237) *Pardosa pontica* (Thorell, 1875)

Records: Golestan, Razavi Khorasan, Tehran.

Distribution: Eastern Europe to Central Asia.

References:

P. p.: Marusik, Ballarin & Omelko, 2012: 117, f. 4-6, 12-13, 18-19, 23, 35, 41 (♂♀).

P. p.: Kashefi et al., 2013: 12 (distribution record).

P. p.: Hosseini et al., 2014: 439 (distribution record).

238) *Pardosa proxima* (C. L. Koch, 1847)

Records: Razavi Khorasan.

Distribution: Palaearctic.

References:

P. p.: Mirshamsi et al., 2015: 103 (distribution record).

239) *Pardosa tatarica* (Thorell, 1875)

Records: Mazandaran.

Distribution: Palaearctic.

References:

P. t.: Ghahari & Tabari, 2012: 139 (distribution record).

240) *Pardosa zonsteini* Ballarin, Marusik, Omelko & Koponen, 2012

Records: Razavi Khorasan.

Distribution: Central Asia, Iran.

References:

P. z.: Mirshamsi et al., 2015: 103 (distribution record).

241) *Pirata piraticus* (Clerck, 1758) (Fig. 5E)

Records: East or West Azarbayjan, Gilan, Golestan, Isfahan, Mazandaran, Razavi Khorasan.

Distribution: Holarctic.

References:

P. p.: Roewer, 1955: 769 (distribution record).

P. p.: Mozaffarian & Tirgari, 2000: 107 (distribution record).

P. p.: Mozaffarian, Tirgari & Bayat-Asadi, 2000: 56 (distribution record).

P. p.: Ghahari & Marusik, 2009: 4 (distribution record).

P. p.: Kashefi et al., 2013: 12 (distribution record).

P. p.: Mirshamsi et al., 2015: 103 (distribution record).

P. p.: Zamani, 2015: 14 (distribution record).

242) *Piratula latitans* (Blackwall, 1841)

Records: Mazandaran.

Distribution: Europe to Iran.

References:

Piratula l.: Ghahari & Tabari, 2012: 139 (distribution record).

243) *Trochosa altera* (Roewer, 1955)*

Records: Fars, Mazandaran, Semnan.

Distribution: Iran.

References:

Geolycosa a. Roewer, 1955: 764, f. 12 (♀).
Geolycosa a.: Ghahari & Marusik, 2009: 3 (distribution record).
T. a.: Logunov, 2012: 355, f. 20-21 (♀).

244) *Trochosa austrocaspia* (Roewer, 1955)*

Records: Mazandaran.

Distribution: Iran.

References:

Loculla a. Roewer, 1955: 769, f. 20 (♀).

245) *Trochosa flavichelis* (Roewer, 1955)*

Records: Mazandaran, Gilan or Kerman.

Distribution: Iran.

References:

Geolycosa f. Roewer, 1955: 765, f. 13 (♀).

246) *Trochosa hispanica* Simon, 1870

Records: Golestan, North Khorasan, Razavi Khorasan.

Distribution: Mediterranean to Tajikistan.

References:

T. b.: Mirshamsi et al., 2015: 103 (distribution record).

247) *Trochosa impercussa* Roewer, 1955*

Records: Kerman.

Distribution: Iran.

References:

T. i. Roewer, 1955: 770, f. 21 (♀).

248) *Trochosa nava* (Roewer, 1955)*

Records: Kerman, Lorestan.

Distribution: Iran.

References:

Arctosa n. Roewer, 1955: 761, f. 8-10 (♂♀).

249) *Trochosa persica* (Roewer, 1955)*

Records: Gilan or Kerman.

Distribution: Iran.

References:

Dingosa p. Roewer, 1955: 762, f. 11 (♀).

250) *Trochosa robusta* (Simon, 1876)

Records: Mazandaran.

Distribution: Palearctic.

References:

T. r.: Ghahari & Tabari, 2012: 139 (distribution record).

Comment: This species is probably misidentified.

251) *Trochosa ruricola* (De Geer, 1778)

Records: Mazandaran.

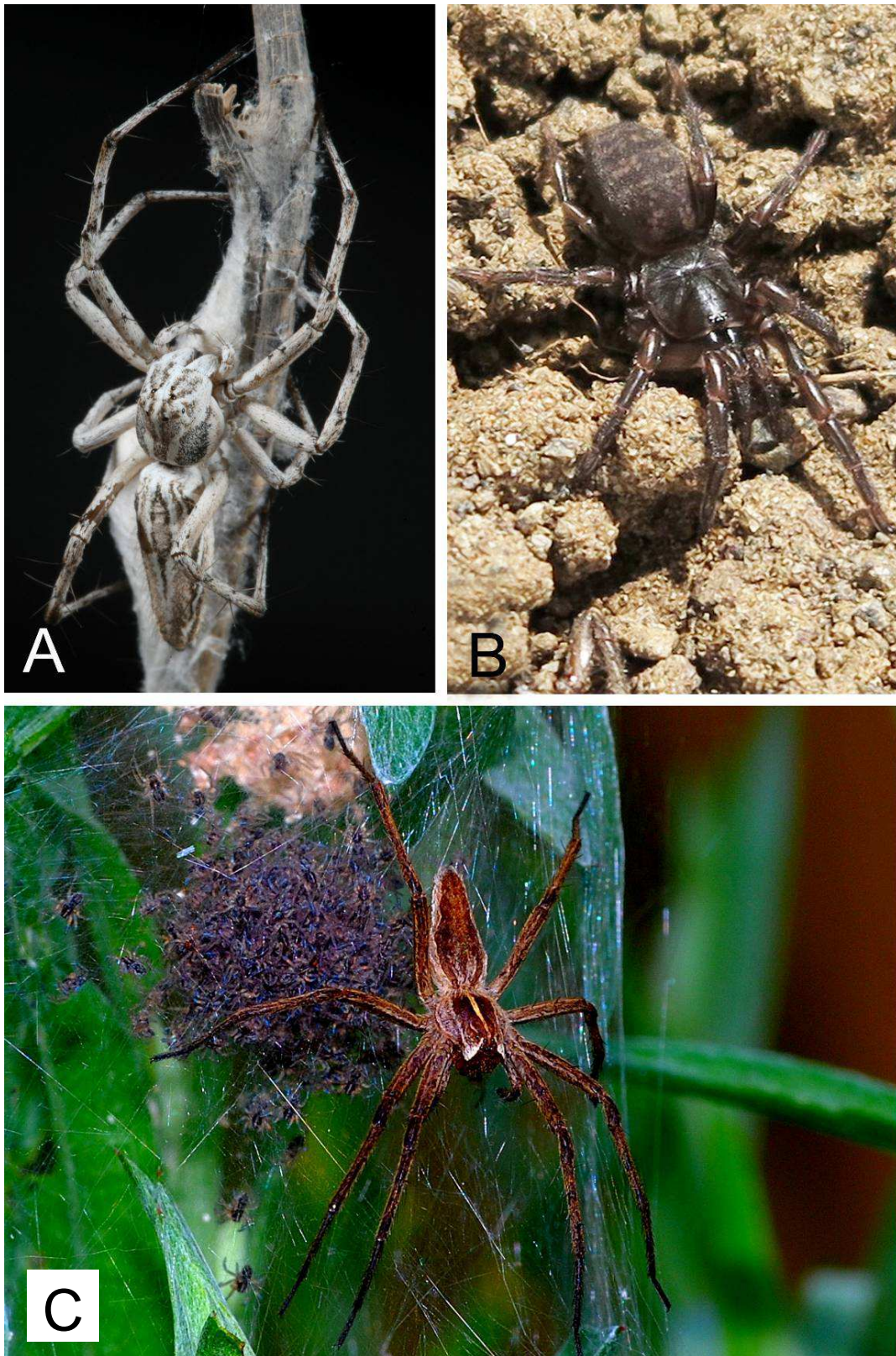


FIGURE 6. General habitus of A) *Oxyopes badhyzicus*; B) *Raveniola niedermeyeri*; C) *Pisaura mirabilis*. Photos by Ali Mohajeran (A), Alireza Zamani (B) and John Osmani (C).

Distribution: Holarctic.

References:

T. r.: Ghahari & Tabari, 2012: 139 (distribution record).

Comment: This species is probably misidentified.

252) *Trochosa terricola* Thorell, 1856

Records: Kerman.

Distribution: Holarctic.

References:

Trochosina t.: Roewer, 1955: 772 (distribution record).

Comment: This species is probably misidentified.

253) *Trochosa urbana* (O. P.-Cambridge, 1876)

Records: Alborz, Fars, Gilan, Kerman, Mazandaran, Razavi Khorasan.

Distribution: North, Central Africa to India.

References:

Geolycosa u.: Roewer, 1955: 764 (distribution record).

T. u.: Mozaffarian, Targari & Bayat-Asadi, 2000: 56 (distribution record).

T. u.: Ghahari & Marusik, 2009: 4 (distribution record).

T. u.: Hosseini et al., 2014: 440 (distribution record).

T. u.: Zamani, 2015: 14 (distribution record).

254) *Wadicosa fidelis* (O. Pickard-Cambridge, 1872)

Records: Khuzestan, Golestan, Razavi Khorasan.

Distribution: Europe to Japan.

References:

W. f.: Mirshamsi et al., 2015: 105 (distribution record).

W. f.: Zamani, 2015: 14 (distribution record).

255) *Xerolycosa miniata* (C. L. Koch, 1834)

Records: Mazandaran.

Distribution: Western Palaearctic.

References:

X. m.: Ghahari & Tabari, 2012: 139 (distribution record).

Family Nemesiidae Simon, 1892

256) *Raveniola mazandaranica* Marusik, Zamani & Mirshamsi, 2014*

Records: Mazandaran.

Distribution: Iran.

References:

R. m. Marusik, Zamani & Mirshamsi, 2014: 5, f. 12-18 (♂).

257) *Raveniola niedermeyeri* (Brignoli, 1972)* (Fig. 6B)

Records: Alborz, Golestan, Isfahan, Mazandaran, Razavi Khorasan.

Distribution: Iran.

References:

Brachythele n. Brignoli, 1972: 409, f. 1-2 (♂♀).

R. n.: Ghahari & Marusik, 2009: 4 (distribution record).

R. n.: Zonstein & Marusik, 2010: 52, f. 1-9 (♂♀).

R. n.: Kashefi et al., 2013: 12 (distribution record).

R. n.: Marusik, Zamani & Mirshamsi, 2014: 6, f. 21 (♂).

258) *Raveniola vonwicki* Zonstein, 2000*

Records: Gilan.

Distribution: Iran.

References:

R. v. Zonstein, 2000: 49, f. 1-3 (♂♀).

R. v.: Marusik, Zamani & Mirshamsi, 2014: 6, f. 19-20 (♂).

Family Mimetidae Simon, 1881

259) *Ero tuberculata* (De Geer, 1778)

Records: Mazandaran.

Distribution: West Palaearctic.

References:

E. t.: Zamani, 2015: 16 (distribution record).

260) *Mimetus laevigatus* (Keyserling, 1863)

Records: Alborz, Tehran.

Distribution: From Portugal to Tajikistan.

References:

M. l.: Zamani et al., 2014b: 365 (distribution record).

Family Oecobiidae Blackwall, 1862

261) *Oecobius cellariorum* (Duges, 1836)

Records: Mazandaran.

Distribution: Cosmopolitan.

References:

O. c.: Ghahari & Marusik, 2009: 4 (distribution record).

262) *Uroctea durandi* (Latreille, 1809)

Records: Kerman.

Distribution: Mediterranean.

References:

U. d.: Roewer, 1955: 752 (distribution record).

Comment: This species is probably misidentified.

263) *Uroctea limbata* (C. L. Koch, 1843)

Records: Ilam, Razavi Khorasan.

Distribution: West Palaearctic.

References:

U. l.: Hosseini et al., 2014: 440, f. 5-7 (♂♀).

U. l.: Zamani, 2015: 14 (distribution record).

264) *Uroctea thaleri* Rheims, Santos & van Harten, 2007

Records: Khuzestan.

Distribution: Turkey, Israel, Iran, Yemen, India.

References:

U. sp. indet. a.: Baum, 1972: 113, f. 11-13 (♀).

Comment: This species was identified by Rheims, Santos & van Harten (2007).

Family Oonopidae Blackwall, 1862

265) *Opopaea cornuta* Yin & Wang, 1984

Records: Ilam.

Distribution: China, Taiwan, Laos, Iran (?).

References:

O. cf. a.: Burger, Nentwig & Kropf, 2003: 91, f. 24 (♀).

266) *Pelcinus amrishi* (Makhan & Ezzatpanah, 2011)*

Records: Semnan.

Distribution: Iran.

References:

Harryoonops a. Makhan & Ezzatpanah, 2011: 1, f. 1-5 (♂).

267) *Pelcinus sengleti* Platnick et al., 2012*

Records: Khuzestan, Kohgiluyeh & Buyer Ahmad, Lorestan.

Distribution: Iran.

References:

P. s. Platnick et al., 2012: 23, f. 145-161 (♂♀).

268) *Triaeris stenaspis* Simon, 1891

Records: Tehran.

Distribution: Pantropical; Introduced in Europe, Taiwan and Iran.

References:

T. s.: Zamani et al., 2014b: 365 (distribution record).

269) *Trilacuna qarzi* Malek Hosseini & Grismado, 2015*

Records: Kohgiluyeh & Buyer Ahmad.

Distribution: Iran.

References:

T. q. Malek Hosseini & Grismado, in Malek Hosseini et al., 2015: 552, f. 2A-F, 3A-F, 4A-H, 5A-F, 6A-H, 7A-H, 8A-B (♂♀).

Family Oxyopidae Thorell, 1870

270) *Oxyopes badhyzicus* Mikhailov & Fet, 1986 (Fig. 6A)

Records: Alborz.

Distribution: Israel, Turkmenistan, Iran.

References:

O. b.: Zamani et al., 2014b: 365 (distribution record).

271) *Oxyopes heterophthalmus* Latreille, 1804

Records: Golestan, Mazandaran.

Distribution: Palaearctic.

References:

O. b.: Komposch, 2002: 103 (distribution record).

O. b.: Ghahari & Tabari, 2012: 139 (distribution record).

O. b.: Zamani, 2015: 14 (distribution record).

272) *Oxyopes iranicus* Esyunin, Rad & Kamoneh, 2011*

Records: Hamedan.

Distribution: Iran.

References:

O. i. Esyunin, Rad & Kamoneh, 2011: 127, f. 1-4 (♂♀).

273) *Oxyopes lineatus* Latreille, 1806

Records: Alborz, East or West Azarbayjan, Golestan, Razavi Khorasan, Tehran.

Distribution: Western Palaearctic.

References:

O. l.: Roewer, 1955: 772 (distribution record).

O. l.: Ghavami, 2006: 1843 (distribution record).

O. l.: Ghavami & Amooz, 2008: 74 (distribution record).

O. l.: Kashefi et al., 2013: 12 (distribution record).

O. l.: Hosseini et al., 2014: 440 (distribution record).

O. l.: Namaghi, Kaykhosravi & Zamani, 2014: 107 (distribution record).

O. l.: Zamani, 2015: 14 (distribution record).

Family Palpimanidae Thorell, 1870

274) *Palpimanus gibbulus* Dufour, 1820

Records: West Azarbayjan, Yazd.

Distribution: Mediterranean to Central Asia.

References:

P. g.: Roewer, 1955: 752 (distribution record).

Comment: This species is probably misidentified.

275) *Palpimanus sogdianus* Charitonov, 1946

Records: Tehran.

Distribution: Turkey to Central Asia.

References:

P. s.: Marusik & Guseinov, 2003: 40, f. 12-14, 29-35 (♂♀).

Family Philodromidae Thorell, 1870

276) *Philodromus aureolus* (Clerck, 1758)

Records: Isfahan.

Distribution: Western Palaearctic.

References:

P. a.: Roewer, 1955: 775 (distribution record).

277) *Philodromus buxi* Simon, 1884

Records: Tehran.

Distribution: Palaearctic.

References:

P. b.: Zamani et al., 2014b: 365 (distribution record).

278) *Philodromus cespitum* (Walckenaer, 1802)

Records: Ardebil, Golestan, Mazandaran, Tehran.

Distribution: Holarctic.

References:

P. c.: Ono & Martens, 2005: 123, f. 82-83 (♀).

P. c.: Ghavami, 2006: 1843 (distribution record).

P. c.: Ghavami & Amooz, 2008: 74 (distribution record).

279) *Philodromus dispar* Walckenaer, 1825

Records: Gilan or Golestan or Mazandaran.

Distribution: Europe to Central Siberia.

References:

P. d.: Roewer, 1955: 776 (distribution record).

280) *Philodromus emarginatus* (Schrank, 1803)

Records: Tehran.

Distribution: Palaearctic.

References:

P. e.: Ono & Martens, 2005: 123, f. 84-85 (♂).

281) *Philodromus fallax* Sundevall, 1833

Records: Khuzestan.

Distribution: Palaearctic.

References:

P. f.: Logunov et al., 2006: 226 (distribution record).

282) *Philodromus hierosolymitanus* Levy, 1977

Records: Fars.

Distribution: Israel, United Arab Emirates, Iran.

References:

P. b.: Logunov et al., 2006: 226, f. 1-2 (♀).

283) *Philodromus longipalpis* Simon, 1870

Records: Golestan, Mazandaran.

Distribution: From Iberian Peninsula to Iran.

References:

P. l.: Muster & Thaler, 2004: 318, f. 10, 25a-b (♂♀).

P. l.: Ono & Martens, 2005: 123, f. 80-81 (♀).

284) *Philodromus margaritatus* (Clerck, 1758)

Records: Mazandaran.

Distribution: Palaearctic.

References:

P. m.: Roewer, 1955: 775 (distribution record).

285) *Philodromus praedatus* O. P.-Cambridge, 1871

Records: Golestan.

Distribution: From Europe to Central Siberia.

References:

P. cf. p.: Komposch, 2002: 103 (distribution record).

286) *Philodromus rufus* (Walckenaer, 1825)

Records: East Azarbayjan, Gilan, Mazandaran, Zanjan.

Distribution: Holarctic.

References:

P. r.: Ghavami, 2006: 1843 (distribution record).

P. r.: Ghavami & Amooz, 2008: 74 (distribution record).

P. r.: Ghahari & Tabari, 2012: 139 (distribution record).

287) *Thanatus arenarius* C. L. Koch, 1872

Records: Unknown locality.

Distribution: Western Palaearctic.

References:

T. a.: Kastrygina & Kovblyuk, 2013: 240, f. 5, 9, 20, 26, 36, 48, 54, 64 (♂♀).

288) *Thanatus formicinus* (Clerck, 1757)

Records: Fars, Golestan, Razavi Khorasan, Tehran.

Distribution: Holarctic.

References:

T. f.: Ghavami, 2006: 1843 (distribution record).

T. f.: Zamani, 2015: 14 (distribution record).

289) *Thanatus fornicatus* Simon, 1897

Records: Tehran.

Distribution: North Africa to Pakistan.

References:

T. f.: Logunov, 2011: 444, f. 3-6 (♂♀).

290) *Thanatus lesserti* (Roewer, 1951)

Records: Fars, Tehran.

Distribution: Turkey, Egypt to Iran.

References:

T. l.: Logunov, 2011: 446, f. 9-16 (♂♀).

291) *Thanatus saraevi* Ponomarev, 2007

Records: Tehran.

Distribution: Iran, Kazakhstan, Turkmenistan.

References:

T. s.: Logunov, 2011: 444, f. 7-8 (♀).

292) *Thanatus striatus* (Clerck, 1757)

Records: Fars, Tehran.

Distribution: Holarctic.

References:

T. s.: Ghavami, 2006: 1843 (distribution record).

293) *Thanatus vulgaris* Simon, 1870

Records: Fars, Golestan, Tehran.

Distribution: Holarctic.

References:

T. v.: Ghavami, 2006: 1843 (distribution record).

T. v.: Kashefi et al., 2013: 12 (distribution record).

T. v.: Logunov, 2011: 449, f. 21-22 (♂♀).

T. v.: Zamani, 2015: 14 (distribution record).

294) *Tibellus oblongus* (Walckenaer, 1802)

Records: Gilan, Golestan, Mazandaran, Razavi Khorasan.

Distribution: Holarctic.

References:

T. o.: Mozaffarian & Tirgari, 2000: 105 (distribution record).

T. o.: Ghavami, 2006: 1843 (distribution record).

T. o.: Ghavami & Amooz, 2008: 74 (distribution record).

T. o.: Ghahari & Marusik, 2009: 4 (distribution record).

T. o.: Ghahari & Tabari, 2012: 139 (distribution record).

T. o.: Kashefi et al., 2013: 12 (distribution record).

T. o.: Namaghi, Kaykhosravi & Zamani, 2014: 108 (distribution record).

T. o.: Zamani, 2015: 14 (distribution record).

Family Pholcidae L. Koch, 1850

295) *Artema doriai* (Thorell, 1881)*

Records: Kerman, Mazandaran, Tehran.

Distribution: Iran.

References:

Pholcus doriae Thorell, 1881: 180 (♀).

A. transcaspica: Roewer, 1955: 752 (distribution record).

A. d.: Tabrizi, Rad & Hedayati, 2014: 35, f. 1M-N, 3L-M (♀).

296) *Artema transcaspica* Spassky, 1934

Records: Semnan.

Distribution: Central Asia, Iran.

References:

A. t.: Ghahari & Marusik, 2009: 4 (distribution record).

297) *Pholcus alticeps* Spassky, 1932

Records: Gilan, Mazandaran, Razavi Khorasan.

Distribution: From Belorussia to West Siberia, Tajikistan and Iran.

References:

P. a.: Senglet, 1974: 804, f. 9-14, 35 (♂♀).

P. a.: Senglet, 2008: 356 (distribution record).

P. a.: Huber, 2011: 381, f. 1755, 1786-1787, 1836-1852 (♂♀).

298) *Pholcus armeniacus* Senglet, 1974*

Records: West Azarbayjan.

Distribution: Iran.

References:

P. a. Senglet, 1974: 810, f. 29-34, 37(♂♀).

P. a.: Senglet, 2001: 55, f. 37 (♀).

P. a.: Senglet, 2008: 358 (distribution record).

P. a.: Huber, 2011: 377, f. 1748-1750, 1778-1779, 1823-1828 (♂♀).

299) *Pholcus arsacius* Senglet, 2008*

Records: South Khorasan.

Distribution: Iran.

References:

P. a. Senglet, 2008: 363, f. 40-46, 55-56(♂♀).

300) *Pholcus caspius* Senglet, 2008*

Records: Mazandaran.

Distribution: Iran.

References:

P. c. Senglet, 2008: 360, f. 17-24, 49-50 (♂♀).

301) *Pholcus elymaeus* Senglet, 2008*

Records: Kordestan.

Distribution: Iran.

References:

P. e. Senglet, 2008: 360, f. 25-32, 51-52 (♂♀).

302) *Pholcus hyrcanus* Senglet, 1974*

Records: Golestan.

Distribution: Iran.

References:

P. b. Senglet, 1974: 806, f. 1-8, 36 (♂♀).

P. b.: Huber, 2011: 379, f. 1751, 1780-1781, 1829-1830 (♂♀).

303) *Pholcus hystaspus* Senglet, 2008*

Records: Mazandaran.

Distribution: Iran.

References:

P. b. Senglet, 2008: 358, f. 10-16 (♂♀).

304) *Pholcus medicus* Senglet, 1974*

Records: East Azarbayjan, Isfahan, Mazandaran, Tehran, Zanjan.

Distribution: Iran.

References:

P. m. Senglet, 1974: 808, f. 23-28, 39-40 (♂♀).

P. m.: Senglet, 2008: 358, f. 47-48 (♀).

P. m.: Huber, 2011: 379, f. 1752-1753, 1782-1783, 1831-1832 (♂♀).

305) *Pholcus opilionides* (Schrank, 1781)

Records: Kerman.

Distribution: Europe to Iran.

References:

P. o.: Roewer, 1955: 752 (distribution record).

Comment: This species is misidentified.

306) *Pholcus parthicus* Senglet, 2008*

Records: North Khorasan.

Distribution: Iran.

References:

P. p. Senglet, 2008: 362, f. 33-39, 53-54 (♂♀).

307) *Pholcus persicus* Senglet, 1974*

Records: Fars.

Distribution: Iran.

References:

P. p. Senglet, 1974: 807, f. 15-22, 38 (♂♀).

P. p.: Huber, 2011: 381, f. 1754, 1784-1785, 1833-1835 (♂♀).

308) *Pholcus phalangioides* (Fuesslin, 1775)

Records: Gilan, Golestan, Tehran.

Distribution: Cosmopolitan.

References:

P. p.: Komposch, 2002: 103 (distribution record).

P. p.: Ghavami et al., 2007: 2566 (distribution record).

P. p.: Ghahari & Marusik, 2009: 4 (distribution record).

P. p.: Huber, 2011: 375, f. 20, 1760-1762, 1790-1791, 1819-1822 (♂♀).

P. p.: Kashefi et al., 2013: 13 (distribution record).

P. p.: Tabrizi, Rad & Hedayati, 2014: 35, f. 1I-L, 3H-K (♂♀).

P. p.: Zamani, 2015: 15 (distribution record).

309) *Pholcus velitchkovskyi* Kulczyński, 1913

Records: Golestan, Mazandaran.

Distribution: Crimea, Southwestern Russia, and Iran.

References:

P. v.: Senglet, 2008: 355, f. 1-9 (♂♀).

310) *Physocyclus globosus* (Taczanowski, 1874)

Records: Razavi Khorasan.

Distribution: Cosmopolitan.

References:

P. g.: Mirshamsi, 2005b: 61 (distribution record).

311) *Psilochorus simoni* (Berland, 1911)

Records: Golestan, Khuzestan, Mazandaran, Qazvin, Razavi Khorasan.

Distribution: USA, Europe to Western Russia (elsewhere, introduced).

References:

P. s.: Ghavami et al., 2007: 2566 (distribution record).

P. s.: Ghahari & Marusik, 2009: 4 (distribution record).

P. s.: Zamani, 2015: 15 (distribution record).

312) *Spermophora persica* Senglet, 2008*

Records: Kordestan.

Distribution: Iran.

References:

S. p. Senglet, 2008: 372, f. 107-117 (♂♀).

313) *Spermophora senoculata* (Dugès, 1836)

Records: Mazandaran, West Azarbayjan.

Distribution: Holarctic (except Northern Asia), introduced elsewhere.

References:

S. s.: Senglet, 2008: 370, f. 106 (♀).

314) *Spermophora senoculatoides* Senglet, 2008*

Records: Kordestan.

Distribution: Iran.

References:

S. s. Senglet, 2008: 370, f. 96-105 (♂♀).

Family Phrurolithidae Banks, 1892

315) *Orthobula charitonovi* (Mikhailov, 1986)

Records: Alborz, Fars, Tehran.

Distribution: From Turkey and Israel to Kyrgyzstan.

References:

O. c.: Marusik, Özkütük & Kunt, 2013: 158, f. 1-7, 11-23 (♂♀).

Family Pisauridae Simon, 1890

316) *Pisaura mirabilis* (Clerck, 1758) (Fig. 6A)

Records: Ardebil, Fars, Gilan, Golestan, Mazandaran, Razavi Khorasan, Semnan.

Distribution: West Palaearctic.

References:

P. m.: Mozaffarian, Tirgari & Bayat-Asadi, 2000: 60 (distribution record).

- P. m.*: Ghavami, 2006: 1844 (distribution record).
P. m.: Ghavami et al., 2007: 10 (distribution record).
P. m.: Ghahari & Marusik, 2009: 5 (distribution record).
P. m.: Ghahari & Tabari, 2012: 139 (distribution record).
P. m.: Kashefi et al., 2013: 13 (distribution record).
P. m.: Namaghi, Kaykhosravi & Zamani, 2014: 108 (distribution record).
P. m.: Zamani, 2015: 15 (distribution record).

Family Prodidomidae Simon, 1884

317) *Prodidomus redikorzevi* Spassky, 1940

Records: Bushehr, Tehran.

Distribution: Turkey, Azerbaijan, Kazakhstan, Turkmenistan, Iran.

References:

P. r.: Marusik, 2010: 59, f. 1-17 (♂♀).

Family Salticidae Blackwall, 1842

318) *Aelurillus concolor* Kulczyński, 1901

Records: Kerman, Khuzestan, Razavi Khorasan, Tehran.

Distribution: Greece, Macedonia, Iran, Central Asia.

References:

Hemsenattus iranus Roewer, 1955: 778, f. 26-27 (♂).

A. c.: Azarkina & Mirshamsi, 2014: 83, f. 2-33 (♂♀).

319) *Aelurillus khorasanicus* Azarkina & Mirshamsi, 2014*

Records: Razavi Khorasan.

Distribution: Iran.

References:

A. k. Azarkina & Mirshamsi, 2014: 88, f. 34-53 (♂♀).

320) *Aelurillus marusiki* Azarkina, 2002*

Records: Fars, Tehran.

Distribution: Iran.

References:

A. m. Azarkina, 2002: 255, f. 44-52 (♂♀).

321) *Aelurillus unitibialis* Azarkina, 2002*

Records: Fars.

Distribution: Iran.

References:

A. u. Azarkina, 2002: 260, f. 86-95 (♂♀).

322) *Ballus chalybeius* (Walckenaer, 1802)

Records: Markazi, Mazandaran, Qazvin, Tehran, West Azarbayjan.

Distribution: Europe, North Africa to Central Asia.

References:

B. depressus: Logunov & Marusik, 2000: 280 (distribution record).

B. depressus: Logunov, Marusik & Mozaffarian, 2002: 156 (distribution record).

B. c.: Logunov et al., 2006: 226 (distribution record).

323) *Bianor albobimaculatus* (Lucas, 1846)

Records: Fars, Gilan, Golestan, Khuzestan, Mazandaran, Razavi Khorasan, Zanjan.

Distribution: Africa, Mediterranean to Russia, Central Asia, India.

References:

B. a.: Mozaffarian & Tirgari, 2000: 106 (distribution record).

B. a.: Mozaffarian, Tirgari & Bayat-Asadi, 2000: 55 (distribution record).

B. a.: Logunov, 2001a: 225, f. 3-8, 13-27, 36-46 (♂♀).

B. a.: Logunov, Marusik & Mozaffarian, 2002: 156 (distribution record).

B. albimaculatus: Ghavami, 2006: 1844 (distribution record).

B. a.: Ghavami & Amooz, 2008: 74 (distribution record).

B. a.: Ghahari & Marusik, 2009: 5 (distribution record).

B. a.: Logunov et al., 2013: 379 (distribution record).

324) *Chalcoscirtus hosseinieorum* Logunov, Marusik & Mozaffarian, 2002*

Records: Fars.

Distribution: Iran.

References:

C. b. Logunov, Marusik & Mozaffarian, 2002: 157, f. 1-2 (♂).

325) *Chalcoscirtus infimus* (Simon, 1868)

Records: Tehran.

Distribution: Southern, Central Europe to Central Asia.

References:

C. i.: Logunov, Marusik & Mozaffarian, 2002: 157 (distribution record).

326) *Chalcoscirtus iranicus* Logunov & Marusik, 1999*

Records: Tehran.

Distribution: Iran.

References:

C. i. Logunov & Marusik, 1999: 211, f. 42-43 (♀).

327) *Chalcoscirtus karakurt* Marusik, 1991

Records: Kerman.

Distribution: Central Asia, Iran.

References:

C. k.: Logunov & Marusik, 1999: 211, f. 38-41 (♂♀).

328) *Chalcoscirtus lepidus* Wesołowska, 1996

Records: Tehran.

Distribution: Central Asia, Iran.

References:

C. l.: Logunov, Marusik & Mozaffarian, 2002: 157 (distribution record).

329) *Chalcoscirtus nigrinus* (Thorell, 1875)

Records: East Azarbayjan, Fars.

Distribution: Palaearctic.

References:

C. n.: Logunov, Marusik & Mozaffarian, 2002: 157 (distribution record).

330) *Chalcoscirtus parvulus* Marusik, 1991

Records: Kerman, Tehran.

Distribution: Turkey to Central Asia.

References:

C. p.: Logunov & Marusik, 1999: 224, f. 89-93 (♂♀).

C. p.: Logunov, Marusik & Mozaffarian, 2002: 158 (distribution record).

331) *Chinattus caucasicus* Logunov, 1999

Records: East Azarbayjan, Mazandaran, Tehran.

Distribution: Central Asia, Iran.

References:

C. c.: Logunov, 1999: 146, f. 40-47 (♂♀).

C. c.: Logunov, Marusik & Mozaffarian, 2002: 158 (distribution record).

C. c.: Logunov et al., 2006: 226 (distribution record).

332) *Cyrba algerina* (Lucas, 1846)

Records: Alborz, Fars, Golestan, Kermanshah, Razavi Khorasan, Tehran.

Distribution: From west Mediterranean to Tajikistan.

References:

C. a.: Logunov, Marusik & Mozaffarian, 2002: 158 (distribution record).

C. a.: Logunov et al., 2006: 227 (distribution record).

C. a.: Mirshamsi et al., 2013: 117 (distribution record).

C. a.: Kashefi et al., 2014: 13 (distribution record).

333) *Cyrba ocellata* (Kroneberg, 1875) (Fig. 6A)

Records: Golestan, Mazandaran, Razavi Khorasan, Tehran.

Distribution: Somalia, Sudan to China, Australia.

References:

C. o.: Logunov, Marusik & Mozaffarian, 2002: 158 (distribution record).

C. o.: Ghavami, 2006: 1844(distribution record).

C. o.: Kashefi et al., 2013: 13 (distribution record).

C. o.: Mirshamsi et al., 2013: 117 (distribution record).

334) *Euophrys frontalis* (Walckenaer, 1802)

Records: Fars, Mazandaran, Tehran.

Distribution: Palaearctic.

References:

E. f.: Logunov, Marusik & Mozaffarian, 2002: 158 (distribution record).

E. f.: Ghavami, 2006: 1844 (distribution record).

335) *Evarcha arcuata* (Clerck, 1758) (Fig. 6B)

Records: Mazandaran.

Distribution: Palaearctic.

References:

E. a.: Logunov, Marusik & Mozaffarian, 2002: 158 (distribution record).

336) *Evarcha negevensis* Prószyński, 2000

Records: Tehran.

Distribution: Israel, Iran.

References:

E. n.: Logunov, Marusik & Mozaffarian, 2002: 159 (distribution record).

337) *Evarcha praeclara* Prószyński & Wesołowska, 2003

Records: Fars.

Distribution: Sudan, Israel, Yemen, United Arab Emirates, Iran.

References:

E. praecincta: Logunov, Marusik & Mozaffarian, 2002: 159 (distribution record).

338) *Heliophanillus fulgens* (O. P.-Cambridge, 1872)

Records: Fars, Kerman, Khuzestan, Yazd.

Distribution: Greece to Central Asia.

References:

H. f.: Logunov, Marusik & Mozaffarian, 2002: 159 (distribution record).

Heliophanus f.: Ghavami, 2006: 1844(distribution record).

H. f.: Logunov et al., 2006: 227 (distribution record).

H. f.: Logunov, 2010: 85 (distribution record).

339) *Heliophanus aeneus* (Hahn, 1832)

Records: Razavi Khorasan.

Distribution: West Palaearctic.

References:

H. a.: Namaghi, Kaykhosravi & Zamani, 2014: 108 (distribution record).

340) *Heliophanus chovdensis* Prószyński, 1982

Records: Razavi Khorasan.

Distribution: Kazakhstan to Mongolia.

References:

H. c.: Logunov et al., 2013: 379 (distribution record).

341) *Heliophanus cupreus* (Walckenaer, 1802)

Records: East Azarbayjan, Golestan, Mazandaran, Tehran, Zanjan.

Distribution: West Palaearctic.

References:

H. c.: Wesołowska, 1986: 215, f. 671-683 (♂♀).

H. c.: Logunov, Marusik & Mozaffarian, 2002: 159 (distribution record).

H. c.: Ghavami, 2006: 1844 (distribution record).

H. c.: Ghavami & Amooz, 2008: 74 (distribution record).

342) *Heliophanus curvidens* (O. P.-Cambridge, 1872)

Records: Hormozgan.

Distribution: Israel to China.

References:

H. c.: Logunov et al., 2006: 227 (distribution record).

343) *Heliophanus decoratus* C. L. Koch, 1875

Records: Fars, Khuzestan.

Distribution: Mediterranean to Iran.

References:

H. d.: Logunov, Marusik & Mozaffarian, 2002: 159 (distribution record).

H. d.: Logunov, 2010: 85 (distribution record).

344) *Heliophanus dunini* Rakov & Logunov, 1997

Records: Tehran.

Distribution: Azerbaijan, Kazakhstan, Iran.

References:

H. d.: Logunov, Marusik & Mozaffarian, 2002: 159 (distribution record).

345) *Heliophanus edentulus* Simon, 1871

Records: Khuzestan, Lorestan, Tehran.

Distribution: Mediterranean.

References:

H. e.: Logunov, Marusik & Mozaffarian, 2002: 159 (distribution record).

H. e.: Logunov, 2010: 85 (distribution record).

H. e.: Logunov, 2015: 65 (distribution record).

346) *Heliophanus equester* C. L. Koch, 1867

Records: Fars, Tehran, West Azarbayjan.

Distribution: Italy to Iran.

References:

H. e.: Logunov, Marusik & Mozaffarian, 2002: 159 (distribution record).

H. e.: Ghavami, 2006: 1844 (distribution record).

347) *Heliophanus flavipes* (Hahn, 1832)

Records: East Azarbayjan, Golestan, Mazandaran, Razavi Khorasan, Tehran.

Distribution: Palaearctic.

References:

H. f.: Wesolowska, 1986: 213, f. 640-651 (♂♀).

H. f.: Logunov, Marusik & Mozaffarian, 2002: 159 (distribution record).

H. f.: Ghavami, 2006: 1844 (distribution record).

H. f.: Ghavami & Amooz, 2008: 74 (distribution record).

H. f.: Hosseini et al., 2014: 441 (distribution record).

H. f.: Zamani, 2015: 15 (distribution record).

348) *Heliophanus forcipifer* Kulczyński, 1895

Records: Yazd.

Distribution: Central Asia, Iran.

References:

H. f.: Logunov, Marusik & Mozaffarian, 2002: 160 (distribution record).

349) *Heliophanus glaucus* Bösenberg & Lenz, 1895

Records: Fars.

Distribution: Egypt, Libya, Iran.

References:

H. g.: Logunov, Marusik & Mozaffarian, 2002: 160 (distribution record).

350) *Heliophanus iranus* Wesołowska, 1986*

Records: Tehran.

Distribution: Iran.

References:

H. i. Wesołowska, 1986: 223, f. 776-786 (♂♀).

H. i.: Logunov, Marusik & Mozaffarian, 2002: 160 (distribution record).

351) *Heliophanus mordax* (O. P.-Cambridge, 1872)

Records: Alborz, Fars, Lorestan, Mazandaran, Razavi Khorasan, Tehran.

Distribution: Greece to Central Asia.

References:

H. m.: Logunov, Marusik & Mozaffarian, 2002: 160 (distribution record).

H. m.: Logunov et al., 2006: 227 (distribution record).

H. m.: Logunov et al., 2013: 380 (distribution record).

H. m.: Logunov, 2015: 67 (distribution record).

352) *Heliophanus verus* Wesołowska, 1986^

Records: Golestan, Kerman, Mazandaran.

Distribution: Azerbaijan, Iran.

References:

H. v. Wesołowska, 1986: 223, f. 789-792 (♂).

H. ignorabilis Wesołowska, 1986: 214, f. 664-665 (♀).

H. v.: Logunov & Marusik, 2000: 284 (distribution record).

H. v.: Ghahari & Marusik, 2009: 5 (distribution record).

353) *Heliophanus xerxesi* Logunov, 2009*

Records: Kerman.

Distribution: Iran.

References:

H. x. Logunov, 2009: 905, f. 13-17 (♂).

354) '*Hyllus*' *insularis* Metzner, 1999

Records: East Azarbayjan, Gilan, Lorestan, Mazandaran, Razavi Khorasan, Tehran, Yazd, Zanjan.

Distribution: Greece to Iran.

References:

H. i.: Logunov, 2001b: 60, f. 4-7 (♂♀).

H. i.: Ghavami, 2006: 1844 (distribution record).

H. i.: Logunov et al., 2006: 227 (distribution record).

H. i.: Logunov et al., 2013: 380 (distribution record).

H. i.: Tabrizi, Rad & Hedayati, 2014: 37, f. 4L-M (♀).

H. i.: Logunov, 2015: 67 (distribution record).

355) *Iranattus rectangularis* Prószyński, 1992*

Records: Sistan & Baluchestan.

Distribution: Iran.

References:

I. r. Prószyński, 1992: 97, f. 35-40 (♂).

356) *Langona aperta* (Denis, 1958)^

Records: Razavi Khorasan.

Distribution: Afghanistan, Iran.

References:

L. a.: Mirshamsi et al., 2013: 118, f. 1 (♀).

357) *Langona pallida* Logunov & Rakov, 1998^

Records: Razavi Khorasan.

Distribution: Turkmenistan, Iran.

References:

L. p.: Logunov et al., 2013: 380 (distribution record).

358) *Langona redii* (Audouin, 1826)

Records: Fars, Khuzestan.

Distribution: Egypt to Iran.

References:

L. r.: Logunov et al., 2006: 227 (distribution record).

359) *Langona tartarica* (Charitonov, 1946)

Records: Hormozgan.

Distribution: Yemen to China.

References:

L. t.: Logunov et al., 2006: 227 (distribution record).

360) *Macaroeris nidicolens* (Walckenaer, 1802)

Records: Golestan.

Distribution: Europe to Central Asia.

References:

M. n.: Logunov & Marusik, 2000: 285 (distribution record).

361) *Marpissa nivoyi* (Lucas, 1846)

Records: Khuzestan.

Distribution: West Palearctic.

References:

M. n.: Logunov, 2010: 85 (distribution record).

362) *Mendoza canestrinii* (Ninni, 1868)

Records: Gilan, Golestan, Mazandaran.

Distribution: West and Central Palearctic.

References:

M. c.: Mozaffarian & Tirgari, 2000: 106 (distribution record).

M. c.: Mozaffarian, Tirgari & Bayat-Asadi, 2000: 55 (distribution record).

M. c.: Logunov, Marusik & Mozaffarian, 2002: 160 (distribution record).

M. c.: Ghavami, 2006: 1844 (distribution record).

363) *Menemerus errabundus* Logunov, 2010

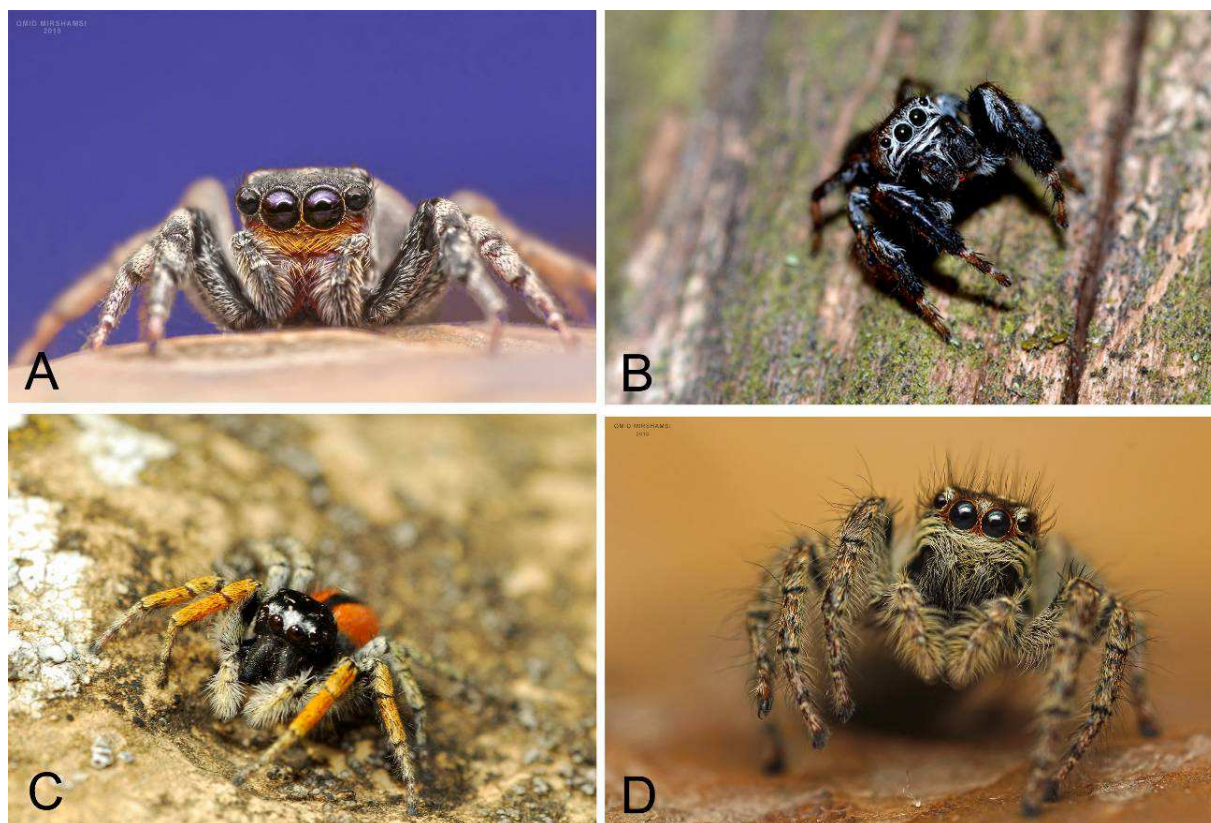


FIGURE 7. General habitus of A) *Cyrba ocellata*; B) *Evarcha arcuata*; C) *Philaeus chrysops*, male; D) *P. chrysops*, female. Photos by Omid Mirshamsi (A, D) and John Osmani (B, C).

Records: Khuzestan.

Distribution: Iran, Israel.

References:

M. e. Logunov, 2010: 86, f. 1-6 (♂♀).

364) *Menemerus marginatus* (Kroneberg, 1875)

Records: Khuzestan, Razavi Khorasan.

Distribution: United Arab Emirates to Central Asia.

References:

M. m.: Logunov et al., 2006: 227 (distribution record).

M. m.: Mirshamsi et al., 2013: 118 (distribution record).

365) *Menemerus semilimbatus* (Hahn, 1829)

Records: Mazandaran.

Distribution: Canary Islands to Iran; Chile, Argentina, USA.

References:

M. s.: Logunov, Marusik & Mozaffarian, 2002: 160 (distribution record).

366) *Menemerus taeniatus* (C. L. Koch, 1867)

Records: Unknown province in Eastern Iran.

Distribution: West and Central Palearctic.

References:

M. t.: Huseynov, 2005: 797 (distribution record).

367) *Mexcala farsensis* Logunov, 2001*

Records: Fars.

Distribution: Iran.

References:

M. f. Logunov, 2001b: 61, f. 1-3 (♀).

368) *Mogrus antoninus* Andreeva, 1976

Records: Razavi Khorasan.

Distribution: Russia, Iran, Central Asia to China.

References:

M. a.: Mirshamsi et al., 2013: 118, f. 2-4 (♂♀).

369) *Mogrus neglectus* (Simon, 1868)

Records: Fars, Khuzestan, Tehran.

Distribution: Greece to Iran.

References:

M. n.: Logunov, Marusik & Mozaffarian, 2002: 161 (distribution record).

M. n.: Logunov, 2010: 86 (distribution record).

370) *Myrmarachne formicaria* (De Geer, 1778)

Records: Gilan, Mazandaran.

Distribution: Palaeartic.

References:

M. f.: Zamani et al., 2014b: 161 (distribution record).

M. f.: Zamani, 2015: 15 (distribution record).

371) *Myrmarachne tristis* (Simon, 1882)

Records: Khuzestan.

Distribution: Libya to China.

References:

M. t.: Logunov, Marusik & Mozaffarian, 2002: 161 (distribution record).

372) *Neon levis* (Simon, 1871)

Records: Tehran.

Distribution: Palaeartic.

References:

N. l.: Logunov, Marusik & Mozaffarian, 2002: 161 (distribution record).

373) *Neon rayi* (Simon, 1875)

Records: Tehran.

Distribution: West and Central Palaeartic.

References:

N. r.: Logunov, Marusik & Mozaffarian, 2002: 161 (distribution record).

374) *Neon reticulatus* (Blackwall, 1853)

Records: East Azarbayjan, Mazandaran.

Distribution: Holarctic.

References:

N. r.: Logunov, Marusik & Mozaffarian, 2002: 161 (distribution record).

375) *Pellenes bonus* Logunov, Marusik & Rakov, 1999[^]

Records: Razavi Khorasan.

Distribution: Turkmenistan, Iran.

References:

P. b.: Mirshamsi et al., 2013: 118, f. 5-6 (♂).

376) *Pellenes brevis* (Simon, 1868)

Records: Razavi Khorasan, Tehran.

Distribution: From Iberian Peninsula to Iran.

References:

P. b.: Logunov, Marusik & Mozaffarian, 2002: 161 (distribution record).

377) *Pellenes epularis* (O. Pickard-Cambridge, 1872)

Records: East Azarbayjan, Fars, Razavi Khorasan, Tehran.

Distribution: Greece to China, Namibia, South Africa.

References:

P. e.: Logunov, Marusik & Rakov, 1999: 122, f. 111-130 (♂).

P. e.: Logunov & Marusik, 2000: 286 (distribution record).

P. e.: Logunov, Marusik & Mozaffarian, 2002: 161 (distribution record).

P. e.: Mirshamsi et al., 2013: 119 (distribution record).

378) *Pellenes geniculatus* (Simon, 1868)

Records: Razavi Khorasan.

Distribution: West Palaearctic.

References:

P. g.: Mirshamsi et al., 2013: 119, f. 7-8 (♂).

379) *Pellenes seriatus* (Thorell, 1875)

Records: Golestan, Kermanshah.

Distribution: Greece to Central Asia.

References:

P. s.: Logunov & Marusik, 2000: 287 (distribution record).

380) *Philaeus chrysops* (Poda, 1761) (Figs. 7C-D)

Records: Fars, Golestan, Ilam, Kermanshah, Mazandaran, Razavi Khorasan, Tehran.

Distribution: Palaearctic.

References:

P. c.: Logunov, Marusik & Mozaffarian, 2002: 161 (distribution record).

P. c.: Komposch, 2002: 103 (distribution record).

P. c.: Ghavami, 2006: 1845 (distribution record).

P. c.: Logunov et al., 2006: 227 (distribution record).

P. c.: Ghahari & Marusik, 2009: 5 (distribution record).

P. c.: Mirshamsi et al., 2013: 119 (distribution record).

381) *Phintella castrisiana* (Grube, 1861)**Records:** Gilan, Mazandaran.**Distribution:** Palaearctic.**References:***P. c.*: Mozaffarian, Tirgari & Bayat-Asadi, 2000: 55 (distribution record).*P. c.*: Logunov, Marusik & Mozaffarian, 2002: 162 (distribution record).**382) *Phlegra bresnieri* (Lucas, 1846)****Records:** Mazandaran.**Distribution:** From Western Europe to Iran.**References:***P. b.*: Ghahari & Marusik, 2009: 5 (distribution record).*P. b.*: Ghahari & Tabari, 2012: 139 (distribution record).**383) *Phlegra fasciata* (Hahn, 1826)****Records:** Golestan, Mazandaran.**Distribution:** Palaearctic.**References:***P. f.*: Logunov & Koponen, 2002: 264, f. 3, 8-10 (♂♀).*P. f.*: Logunov, Marusik & Mozaffarian, 2002: 162 (distribution record).*P. f.*: Kashefi et al., 2013: 13 (distribution record).**384) *Phlegra tetralineata* (Caporiacco, 1939)****Records:** Tehran.**Distribution:** Ethiopia, Iran.**References:***P. t.*: Azarkina, 2004: 103, f. 119, 122-123 (♀).**385) *Plexippoides flavescens* (O. P.-Cambridge, 1872)****Records:** Chahar Mahal & Bakhtiari, Fars, Isfahan, Kerman, Khuzestan, Kohgiluyeh & Buyer-Ahamd, Lorestan, Mazandaran, Razavi Khorasan, Tehran.**Distribution:** From Greece to Afghanistan.**References:***Yllenus starmühlneri* Roewer, 1955: 780, f. 28-29 (♂♀).*Menemerops f.* Prószyński, 1992: 99, f. 44-45 (distribution record).*P. f.*: Logunov & Marusik, 2000: 288 (distribution record).*P. f.*: Logunov, Marusik & Mozaffarian, 2002: 162 (distribution record).*P. f.*: Logunov et al., 2006: 227 (distribution record).*P. f.*: Ghahari & Marusik, 2009: 5 (distribution record).*P. f.*: Logunov, 2010: 87 (distribution record).*P. f.*: Mirshamsi et al., 2013: 119 (distribution record).*P. f.*: Logunov, 2015: 74 (distribution record).**386) *Plexippus clemens* (O. Pickard-Cambridge, 1872)****Records:** Khuzestan.**Distribution:** Turkey, Libya, Israel, Yemen, Iran.**References:***P. c.*: Logunov, 2010: 87, f. 7-12 (♂♀).

387) *Plexippus devorans* (O. P.-Cambridge, 1872)

Records: Alborz, Golestan, Kerman, Razavi Khorasan, Tehran.

Distribution: From Palestine to Turkmenistan.

References:

P. coccineus: Logunov, Marusik & Mozaffarian, 2002: 162 (distribution record).

P. d.: Ghahari & Marusik, 2009: 5 (distribution record).

P. d.: Mirshamsi et al., 2013: 119 (distribution record).

388) *Plexippus iranus* Logunov, 2009*

Records: Hormozgan.

Distribution: Iran.

References:

P. i. Logunov, 2009: 908, f. 18-19 (♀).

389) *Plexippus paykulli* (Audouin, 1826)

Records: Golestan, Isfahan, Kerman, Khuzestan, Mazandaran, Tehran.

Distribution: Cosmopolitan.

References:

P. p.: Logunov et al., 2006: 227 (distribution record).

P. p.: Ghahari & Marusik, 2009: 5 (distribution record).

P. p.: Kashefi et al., 2013: 13 (distribution record).

P. p.: Tabrizi, Rad & Hedayati, 2014: 36, f. 2H-J, 4H-I (♂♀).

390) *Proszynskiana iranica* Logunov, 1996

Records: North Khorasan (?).

Distribution: Turkmenistan, Iran (?).

References:

P. i. Logunov, 1996: 174, f. 7-8, 40-46 (♂♀).

Comment: Although this species has not been recorded from Iran, Logunov (1996) assumed that it should be widespread in northeastern part of the country.

391) *Pseudeuophrys erratica* (Walckenaer, 1826)

Records: Mazandaran.

Distribution: Palaearctic.

References:

P. e.: Logunov, Marusik & Mozaffarian, 2002: 162 (distribution record).

392) *Pseudicius admirandus* Logunov, 2007*

Records: Khuzestan.

Distribution: Iran.

References:

P. a. Logunov, 2007: 21, f. 1-5 (♂♀).

393) *Pseudicius afghanicus* (Andreeva, Heciak & Prószyński, 1984)^

Records: Razavi Khorasan.

Distribution: Iran to Afghanistan.

References:

P. a.: Logunov et al., 2013: 380 (distribution record).

394) *Pseudicius arabicus* (Wesołowska & van Harten, 1994)

Records: Kerman.

Distribution: Yemen to Afghanistan.

References:

P. a.: Logunov et al., 2006: 228 (distribution record).

395) *Pseudicius badius* (Simon, 1868)

Records: Mazandaran.

Distribution: Mediterranean to Central Asia.

References:

P. b.: Logunov, 2015: 76, f. 104-105 (♂).

396) *Pseudicius cinctus* (O. Pickard-Cambridge, 1885)

Records: Tehran.

Distribution: Iran, Central Asia to China.

References:

P. c.: Tabrizi, Rad & Hedayati, 2014: 37, f. 2K-L, 4J-K (♀).

397) *Pseudicius palaestinensis* Strand, 1915

Records: Fars, Khuzestan, Tehran, Yazd.

Distribution: Israel, Iran.

References:

P. p.: Logunov, Marusik & Mozaffarian, 2002: 162 (distribution record).

P. p.: Logunov, 2010: 88, f. 13-16 (♂♀).

398) *Pseudicius rudakii* Prószyński, 1992*

Records: Fars.

Distribution: Iran.

References:

P. r. Prószyński, 1992: 110, f. 80-82 (♂).

399) *Pseudicus spasskyi* (Andreeva, Hęciak & Prószyński, 1984)

Records: Gilan, Mazandaran, Razavi Khorasan.

Distribution: Iran, Azerbaijan and Central Asia.

References:

P. s.: Logunov, Marusik & Mozaffarian, 2002: 162 (distribution record).

P. s.: Logunov et al., 2006: 228 (distribution record).

P. s.: Ghahari & Marusik, 2009: 5 (distribution record).

P. s.: Ghahari & Tabari, 2012: 139 (distribution record).

P. s.: Mirshamsi et al., 2013: 121 (distribution record).

400) *Rafalus variegatus* (Kroneberg, 1875)

Records: Razavi Khorasan.

Distribution: Central Asia, Iran.

References:

R. v.: Logunov, 2013: 380 (distribution record).

401) *Salticus cingulatus* (Panzer, 1797)

Records: Kerman.

Distribution: Palearctic.

References:

S. c.: Roewer, 1955: 781 (distribution record).

402) *Salticus insperatus* Logunov, 2009*

Records: Mazandaran.

Distribution: Iran.

References:

S. i. Logunov, 2009: 913, f. 30-35 (♂).

403) *Salticus noordami* Metzner, 1999

Records: Markazi, West Azarbayjan.

Distribution: East Mediterranean to Iran.

References:

S. n.: Logunov, 2009: 915, f. 36-42 (♂♀).

404) *Salticus scenicus* (Clerck, 1757)

Records: Gilan, Razavi Khorasan, Zanjan.

Distribution: Holarctic.

References:

S. c.: Ghavami, 2006: 1845 (distribution record).

S. c.: Ghavami & Amooz, 2008: 74 (distribution record).

405) *Salticus tricinctus* (C.L. Koch, 1846)

Records: Fars, Mazandaran, Razavi Khorasan, Tehran.

Distribution: Israel to Central Asia.

References:

S. t.: Logunov, Marusik & Mozaffarian, 2002: 163 (distribution record).

S. t.: Logunov et al., 2013: 380 (distribution record).

406) *Salticus zebraneus* (C. L. Koch, 1837)

Records: Golestan.

Distribution: West Palearctic.

References:

S. z.: Zamani, 2015: 16 (distribution record).

407) *Sibianor aurocinctus* (Ohlert, 1865)

Records: Mazandaran.

Distribution: Palearctic.

References:

Bianor a.: Roewer, 1955: 778 (distribution record).

Comment: Misidentification. It may refer to *B. albobimaculatus*.

408) *Sitticus ammophilus* (Thorell, 1875)

Records: Unknown province.

Distribution: Turkey, Russia, Central Asia, Iran, Canada.

References:

S. a.: Logunov, Marusik & Mozaffarian, 2002: 163 (distribution record).

409) *Sitticus avocator* (O. P.-Cambridge, 1885)

Records: Razavi Khorasan.

Distribution: Iran to Xinjiang.

References:

S. a.: Logunov et al., 2013: 380 (distribution record).

410) *Sitticus karakumensis* Logunov, 1992[^]

Records: Razavi Khorasan.

Distribution: Turkmenistan, Iran.

References:

S. k.: Mirshamsi et al., 2013: 121, f. 9-10 (♂).

411) *Sitticus relictarius* Logunov, 1998

Records: Mazandaran.

Distribution: Caucasus, Iran.

References:

S. r. Logunov, 1998: 78, f. 7-10 (♂♀).

412) *Stenaclurillus marusiki* Logunov, 2001*

Records: Fars.

Distribution: Iran.

References:

S. m. Logunov, 2001b: 66, f. 27-30 (♂).

413) *Synageles persianus* Logunov, 2004[^]

Records: Markazi, Razavi Khorasan, Tehran, Yazd.

Distribution: Iran, Azerbaijan.

References:

S. dalmaticus: Logunov, Marusik & Mozaffarian, 2002: 163 (distribution record).

S. p. Logunov, 2004: 37, f. 26-28, 33-35 (♂♀).

S. dalmaticus: Ghavami, 2006: 1845 (distribution record).

S. p.: Mirshamsi et al., 2013: 121 (distribution record).

414) *Talavera aequipes* (O. P.-Cambridge, 1872)

Records: Mazandaran.

Distribution: Palaeartic.

References:

T. a.: Logunov, Marusik & Mozaffarian, 2002: 163 (distribution record).

T. a.: Logunov & Kronstedt, 2003: 1136, f. 13, 15-16, 29, 38, 44, 53, 118, 122-132, 134-136 (♂♀).

415) *Thyene imperialis* (Rossi, 1846)

Records: Fars, Gilan, Golestan, Khuzestan, Markazi, Mazandaran, Razavi Khorasan, Tehran, Zanjan.

Distribution: Old World.

References:

- T. i.*: Logunov, Marusik & Mozaffarian, 2002: 163 (distribution record).
T. i.: Ghavami, 2006: 1845 (distribution record).
T. i.: Logunov et al., 2006: 228 (distribution record).
T. i.: Ghavami & Amooz, 2008: 74 (distribution record).
T. i.: Logunov, 2010: 89 (distribution record).
T. i.: Ghahari & Tabari, 2012: 139 (distribution record).
T. i.: Kashefi et al., 2013: 13 (distribution record).
T. i.: Mirshamsi et al., 2013: 121 (distribution record).
T. i.: Namaghi, Kaykhosravi & Zamani, 2014: 108 (distribution record).
T. i.: Zamani, 2015: 15 (distribution record).

Family Scytodidae Blackwall, 1864

416) *Scytodes arwa* Rheims, Brescovit & van Harten, 2006

Records: Hormozgan.

Distribution: Yemen, Iran.

References:

- S. a.*: Zamani, 2014a: 41, f. 1A-C (♂).

417) *Scytodes fusca* Walckenaer, 1837

Records: Kerman.

Distribution: Pantropical, Europe (introduced).

References:

- S. f.*: Roewer, 1955: 752 (distribution record).

Comment: This species is probably misidentified.

418) *Scytodes makeda* Rheims, Brescovit & van Harten, 2006

Records: Hormozgan.

Distribution: Yemen, Oman, Iran.

References:

- S. m.*: Zamani, 2014a: 42, f. 2A-C (♀).

419) *Scytodes strandi* Spassky, 1941[^]

Records: Mazandaran, Tehran.

Distribution: From Azerbaijan to Central Asia.

References:

- S. s.*: Ghahari & Marusik, 2009: 5 (distribution record).
S. s.: Ghahari & Tabari, 2012: 139 (distribution record).
S. s.: Özkütük et al., 2013: 13, f. 3a-e (♂♀).
S. s.: Zamani, 2014a: 42 (distribution record).

420) *Scytodes thoracica* (Latreille, 1804) (Fig. 8A)

Records: Gilan, Golestan, Mazandaran, Razavi Khorasan, Zanjan.

Distribution: Holarctic.

References:

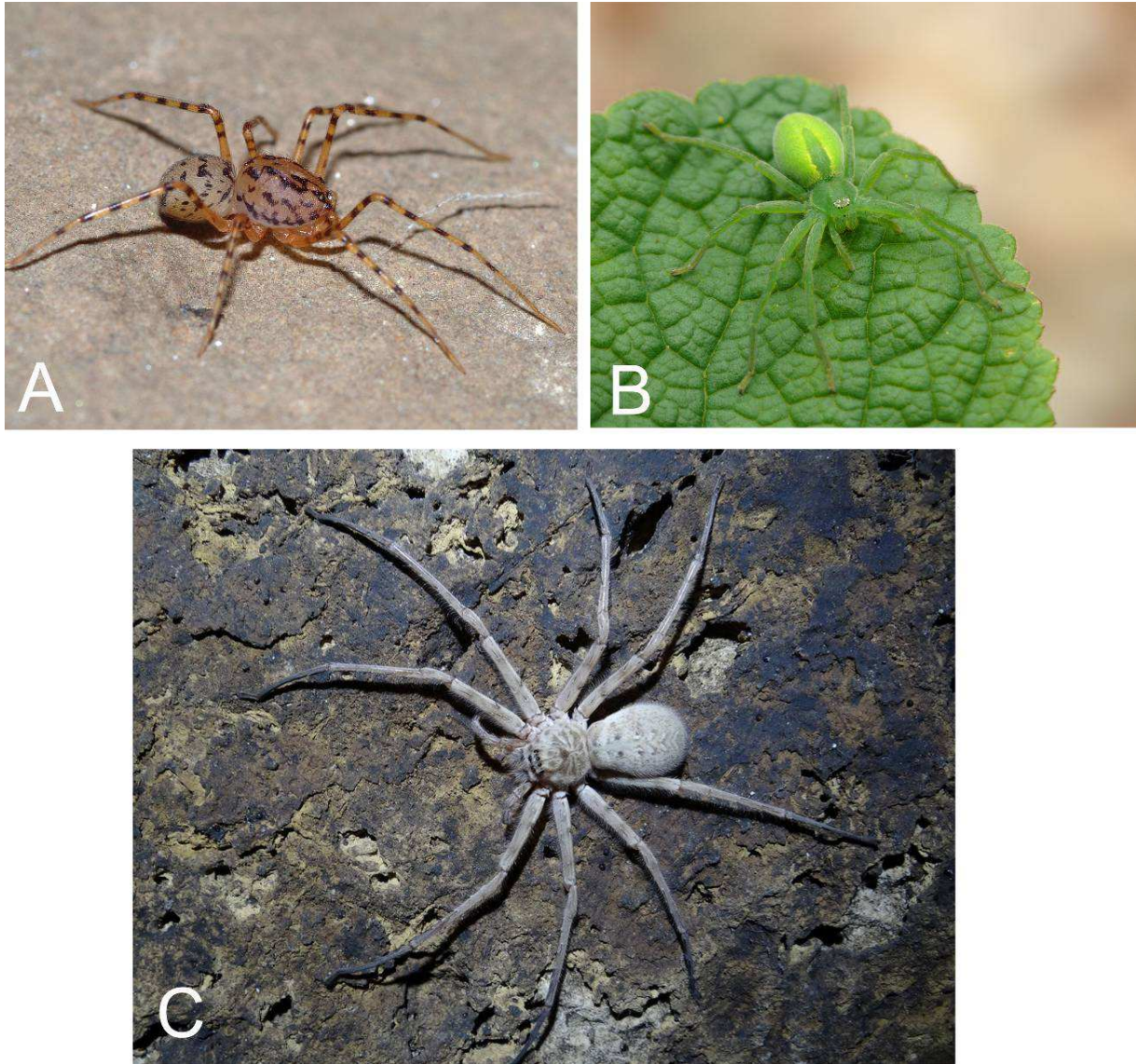


FIGURE 8. General habitus of A) *Scytodes thoracica*; B) *Micrommata virescens*; C) *Spariolenus iranomaximus*. Photos by John Osmani (A, B) and Behzad Zadhoosh (C).

- S. t.*: Roewer, 1955: 752 (distribution record).
S. t.: Mirshamsi, 2005b: 60 (distribution record).
S. t.: Ghavami, 2007: 2566 (distribution record).
S. t.: Kashefi et al., 2013: 13 (distribution record).
S. t.: Zamani, 2015: 15 (distribution record).

421) *Scytodes univittata* Simon, 1882

Records: Fars, Mazandaran, Tehran.

Distribution: Spain, Canary Is. to Myanmar, synanthropic in Neotropics.

References:

- S. u.*: Özkütük et al., 2013: 13, f. 4a-g (♂♀).
S. u.: Zamani, 2014a: 43 (distribution record).

Family Segestriidae Simon, 1893

422) *Segestria mirshamsii* Marusik & Omelko, 2014*

Records: Golestan.

Distribution: Iran.

References:

- S. m.*: Marusik & Omelko, in Marusik et al. 2014: 262, f. 7a-g (♀).

423) *Segestria senoculata* (Linnaeus, 1758)

Records: Mazandaran.

Distribution: Palaearctic.

References:

- S. s.*: Zamani, 2014b: 16 (distribution record).

Family Sicariidae Keyserling, 1880

424) *Loxosceles rufescens* (Dufour, 1820)

Records: Fars, Hormozgan, Razavi Khorasan, Tehran.

Distribution: Cosmopolitan.

References:

- L. r.*: Mirshamsi, Hatami & Zamani, 2013: 83, f. 1-4 (♂♀).
L. r.: Zamani & Rafinejad, 2014: 229, f. 2-4 (♂).
L. r.: Zamani et al., 2014a: 58, f. 1A-B (♂♀).
L. r.: Shahi et al., 2015: 469 (distribution record).
L. r.: Zamani, 2015: 15 (distribution record).

Family Sparassidae Bertkau, 1872

425) *Cebrennus kochi* (O. P.-Cambridge, 1872)

Records: Bushehr.

Distribution: Syria, Israel, Iran.

References:

- C. k.*: Zamani et al., 2014b: 365 (distribution record).

426) *Eusparassus doriae* (Simon, 1874)*

Records: Kerman, Razavi Khorasan, Tehran, Yazd.

Distribution: Iran.

References:

Sparassus d. Simon, 1874a: 254, pl. 5, f. 6 (♂♀).

E. tersus: Roewer, 1955: 775 (distribution record).

E. d.: Moradmand & Jäger, 2012: 2462 (distribution record).

E. cf. d.: Moradmand, Schönhofer & Jäger, 2014: 52 (distribution record).

427) *Eusparassus mesopotamicus* Moradmand & Jäger, 2012^

Records: Khuzestan.

Distribution: Iran, Iraq, Turkey (?).

References:

E. m. Moradmand & Jäger, 2012: 2459, f. 7A-E, 8A-E (♂♀).

E. m.: Moradmand, 2013: 69, f. 68a-b (♂♀).

428) *Eusparassus walckenaeri* (Audouin, 1826)

Records: Unknown locality.

Distribution: Algeria to Iraq, Iran (?).

References:

Sparassus fontanieri Simon, 1880: 294 (♂).

Comment: Since closely related species of *walckenaeri*- species group disperse in neighboring lands of Iran, the species probably (if occur) would be found in south-western or southern parts of Iran.

429) *Eusparassus xerxes* (Pocock, 1901)^

Records: Bushehr.

Distribution: United Arab Emirates, Iran, Pakistan.

References:

Sparassus x. Pocock, 1901: 489 (♀).

E. x.: Moradmand & Jäger, 2012: 2481, f. 19A-F, 20A-D, 23D (♂♀).

E. x.: Moradmand, 2013: 69, f. 56c-d, 66c-d (♂♀).

430) *Micrommata virescens* (Clerck, 1757) (Fig. 8B)

Records: Ardebil, Mazandaran, Tehran.

Distribution: Palaearctic.

References:

M. v.: Ghavami, 2006: 1841 (distribution record).

M. v.: Zamani, 2015: 15 (distribution record).

431) *Olios sericeus* (Kroneberg, 1875)

Records: Isfahan, Razavi Khorasan, Tehran.

Distribution: Caucasus, Central Asia, Iran.

References:

O. xerxes: Mirshamsi, 2005b: 61 (misidentification).

O. s.: Namaghi, Kaykhosravi & Zamani, 2014: 108 (distribution record).

O. s.: Moradmand, Mirshamsi & Hula, 2015: 77, f. 1-2 (♂♀).

O. s.: Tabrizi, Rad & Hedayati, 2015: 338, f. 1-4 (♂).

432) *Olios iranii* (Pocock, 1901)

Records: Khuzestan (?).

Distribution: India, Pakistan, Iraq, Iran (?).

References:

O. i.: Moradmand, Mirshamsi & Hula, 2015: 78, f. 3 (♀).

Comment: This species was recorded at the borderline of Iraq-Iran and most likely disperse in southwestern and southern parts of Iran.

433) *Spariolenus aratta* Moradmand & Jäger, 2011*

Records: Kerman.

Distribution: Iran.

References:

S. a. Moradmand & Jäger, 2011: 48, f. 1-7, 39-40 (♀).

434) *Spariolenus iranomaximus* Moradmand & Jäger, 2011* (Fig. 8C)

Records: Ilam.

Distribution: Iran.

References:

S. i. Moradmand & Jäger, 2011: 50, f. 8-19, 41-42 (♂♀).

435) *Spariolenus manesht* Moradmand & Jäger, 2011*

Records: Ilam.

Distribution: Iran.

References:

S. m. Moradmand & Jäger, 2011: 53, f. 20-26 (♀).

436) *Spariolenus zagros* Moradmand & Jäger, 2011*

Records: Kermanshah.

Distribution: Iran.

References:

S. z. Moradmand & Jäger, 2011: 55, f. 27-38 (♂♀).

Family Tetragnathidae Menge, 1866

437) *Metellina mengei* (Blackwall, 1870)

Records: Golestan.

Distribution: Europe to Georgia.

References:

M. m.: Kashefi et al., 2013: 14 (distribution record).

M. m.: Marusik et al., 2014: 263 (distribution record).

438) *Metellina meriana* (Scopoli, 1763)

Records: Golestan.

Distribution: West Palearctic.

References:

M. m.: Marusik et al., 2014: 262, f. 8a-d (♂♀).

439) *Pachygnatha degeeri* Sundevall, 1830

Records: East or West Azarbaijan, Kerman.

Distribution: Palaearctic.

References:

P. d.: Roewer, 1955: 754 (distribution record).

440) *Tetragnatha extensa* (Linnaeus, 1785)

Records: Ardebil, East or West Azarbaijan, Gilan, Golestan, Kohgiluyeh & Buyer Ahmad, Mazandaran, Qazvin.

Distribution: Holarctic.

References:

T. e.: Pocock, 1899: 400 (distribution record).

T. e.: Roewer, 1955: 754 (distribution record).

T. e.: Komposch, 2002: 103 (distribution record).

T. e.: Ghavami, 2006: 1846 (distribution record).

T. e.: Ghavami et al., 2007: 2566 (distribution record).

T. e.: Ghavami & Amooz, 2008: 74 (distribution record).

T. e.: Kashefi et al., 2013: 14 (distribution record).

T. e.: Zamani, 2015: 15 (distribution record).

441) *Tetragnatha extensa maracandica* Charitonov, 1951

Records: Isfahan, Golestan, Kerman, Mazandaran.

Distribution: Iran, Russia, Central Asia.

References:

T. e. m.: Ghahari & Marusik, 2009: 6 (distribution record).

442) *Tetragnatha javana* (Thorell, 1890)

Records: Gilan, Golestan, Mazandaran.

Distribution: Africa to Japan, Philippines, Indonesia.

References:

T. j.: Ghavami & Amooz, 2008: 74 (distribution record).

T. j.: Zamani, 2015: 15 (distribution record).

443) *Tetragnatha montana* Simon, 1874

Records: Gilan, Golestan, Mazandaran, Razavi Khorasan.

Distribution: Palaearctic.

References:

T. m.: Ghavami, 2006: 1846 (distribution record).

T. m.: Ghavami & Amooz, 2008: 74 (distribution record).

T. m.: Ghahari & Marusik, 2009: 6 (distribution record).

T. m.: Zamani, 2015: 15 (distribution record).

444) *Tetragnatha nigrita* Lendl, 1886

Records: Golestan, Mazandaran.

Distribution: Palaearctic.

References:

T. n.: Ghavami, 2006: 1846 (distribution record).

T. n.: Ghavami & Amooz, 2008: 74 (distribution record).

445) *Tetragnatha obtusa* C. L. Koch, 1837

Records: Mazandaran.

Distribution: Palaeartic.

References:

T. o.: Komposch, 2002: 103 (distribution record).

Family Theridiidae Sundevall, 1833

446) *Asagena phalerata* (Panzer, 1801)

Records: Mazandaran.

Distribution: Palaeartic.

References:

A. p.: Roewer, 1955: 753 (distribution record).

447) *Crustulina sticta* (O. P.-Cambridge, 1861)

Records: Alborz.

Distribution: Holarctic.

References:

C. s.: Zamani, 2015: 16 (distribution record).

448) *Enoplognatha latimana* Hippa & Oksala, 1982 (Fig. 9A)

Records: Tehran.

Distribution: West Palaeartic and Nearctic.

References:

E. l.: Zamani et al., 2014b: 366 (distribution record).

449) *Enoplognatha mandibularis* (Lucas, 1846)

Records: Mazandaran.

Distribution: Palaeartic.

References:

E. m.: Roewer, 1955: 753 (distribution record).

450) *Enoplognatha mediterranea* Levy & Amitai, 1981[^]

Records: Ardebil.

Distribution: Turkey to Iran.

References:

E. m.: Ghavami, 2006: 1846 (distribution record).

451) *Enoplognatha mordax* (Thorell, 1875)

Records: Ardebil.

Distribution: West Palaeartic.

References:

E. m.: Zamani, 2015: 17 (distribution record).

452) *Heterotheridion nigrovariegatum* (Simon, 1873)

Records: Golestan.

Distribution: West Palaeartic.

References:

H. n.: Knoflach, Rollard & Thaler, 2009: 238, f. 32-33, 44, 59 (♂♀).

453) *Kochiura aulica* (C.L. Koch, 1838)

Records: Gilan, Zanjan.

Distribution: Europe to Iran.

References:

Anelosimus aulicus: Ghavami, 2006: 1846 (distribution record).

K. a.: Zamani, 2015: 15 (distribution record).

454) *Lasaeola prona* (Menge, 1868)

Records: Gilan, Golestan, Zanjan.

Distribution: West Palaearctic and Nearctic.

References:

Dipoena p.: Ghavami, 2007: 689 (distribution record).

Dipoena p.: Ghavami et al., 2007: 2567 (distribution record).

455) *Latrodectus cinctus* Blackwall, 1865

Records: Bushehr, Hormozgan.

Distribution: Cape Verde Is., Africa, Kuwait, Iran.

References:

L. basselti: F. O. Pickard-Cambridge, 1902: 255, pl. 26, f. 4, pl. 27, f. 6 (distribution record).

L. basselti: Shahi et al., 2011: 64 (distribution record).

L. c.: Zamani et al., 2014a: 59, f. 2D, 3D, 4D (♂♀).

456) *Latrodectus dahli* Levi, 1959 (Fig. 9B)

Records: Bushehr, East Azarbaijan, Fars, Hormozgan, North Khorasan, Razavi Khorasan, South Khorasan.

Distribution: Morocco to Tajikistan.

References:

L. d. Levi, 1959: 42, f. 11-12 (♀).

L. d.: Mirshamsi, 2005a: 56, f. 4A-E (♂♀).

L. d.: Rafinejad et al., 2007: 53 (distribution record).

L. d.: Jäger & Gromov, 2011: 188, f. 1-2 (♀).

L. d.: Rahmani et al., 2014: 85 (distribution record).

L. d.: Zamani et al., 2014a: 59, f. 2A, 3A, 4B (♂♀).

457) *Latrodectus geometricus* C.L. Koch, 1841

Records: Razavi Khorasan.

Distribution: Cosmopolitan.

References:

L. g.: Rafinejad et al., 2007: 53 (distribution record).

L. g.: Zamani et al., 2014a: 60 (distribution record).

458) *Latrodectus pallidus* O. P.-Cambridge, 1872

Records: Alborz, Bushehr, Razavi Khorasan, South Khorasan, Semnan.

Distribution: Cape Verde Is., Libya to Uzbekistan.

References:

L. p.: F. O. Pickard-Cambridge, 1902: 253, pl. 26, f. 1 (distribution record).

- L. p.*: Shulov, 1940: 319 (distribution record).
L. p.: Mirshamsi, 2005a: 54, f. 3A-E (♂♀).
L. p.: Mirshamsi, 2005b: 63 (distribution record).
L. p.: Rafinejad et al., 2007: 53 (distribution record).
L. p.: Zamani et al., 2014a: 60, f. 2C, 3C, 4E (♂♀).

459) *Latrodectus tredecimguttatus* (Rossi, 1790)

Records: Alborz, Bushehr, East or West Azarbaijan, Golestan, Hormozgan, Mazandaran, North Khorasan, Qom, Razavi Khorasan, Semnan, Tehran.

Distribution: Mediterranean to Northwestern China.

References:

- Latrodectustredecim-guttatus*: Pocock, 1899: 400 (distribution record).
L. t.: F. O. Pickard-Cambridge, 1902: 254, pl. 26, f. 3 (distribution record).
L. t.: Roewer, 1959: 12 (distribution record).
L. hasselti: Roewer, 1959: 12 (distribution record).
L. teredecimguttatus: Darvish & Mirshamsi, 1999: 5, f. 2-7 (♂♀).
L. t.: Mirshamsi, 2005a: 54, f. 2A-E (♂♀).
L. t.: Mirshamsi, 2005b: 63 (distribution record).
L. t.: Ghavami, 2007: 689 (distribution record).
L. t.: Ghavami et al., 2007: 2567 (distribution record).
L. t.: Rafinejad et al., 2007: 53 (distribution record).
L. t.: Zamani et al., 2014a: 60, f. 2B, 3B, 4C (♂♀).
L. t.: Zamani, 2015: 15 (distribution record).

460) *Parasteatoda tepidariorum* (C.L. Koch, 1841)

Records: Gilan, Golestan, Isfahan, Mazandaran.

Distribution: Cosmopolitan.

References:

- Achaearanea t.*: Mozaffarian, 2000: 108 (distribution record).
Achaearanea t.: Komposch, 2002: 103 (distribution record).
P. t.: Ghahari & Marusik, 2009: 6 (distribution record).

461) *Parasteatoda lunata* (Clerck, 1757)

Records: Golestan.

Distribution: Palaearctic.

References:

- P. l.*: Kashefi et al., 2013: 14 (distribution record).

462) *Pholcomma gibbum* (Westring, 1851)

Records: Ardebil (?).

Distribution: West Palaearctic.

References:

- P. g.*: Marusik & Guseinov, 2003: 43 (distribution record).

Comment: This species was reported from the border of Iran and Azerbaijan in Astara. Although there are no records of it from Iran, we assume that it should be widespread in northeastern part of the country.

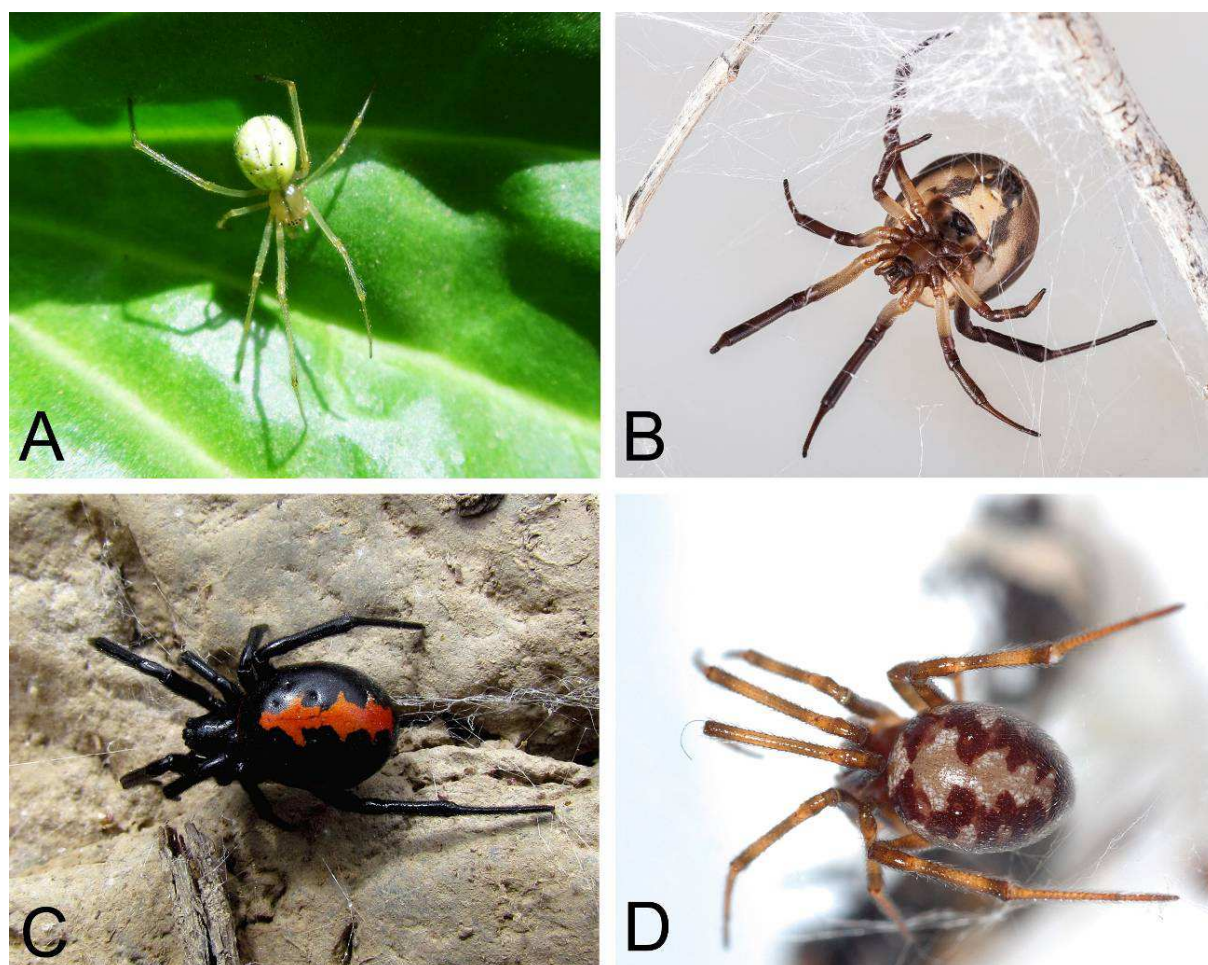


FIGURE 9. General habitus of A) *Enoplognatha latimana*; B) *Latrodectus pallidus*; C) *Steatoda paykulliana*; D) *S. triangulosa*. Photos by Parham Beyhaghi (A), Ali Mohajeran (B), Soheyl Sami (C) and John Osmani (D).

463) *Phylloneta impressa* (C. L. Koch, 1881)

Records: Ardebil, Fars, Golestan, Razavi Khorasan, Tehran.

Distribution: Holarctic.

References:

Theridion impressum: Ghavami, 2007: 690 (distribution record).

Theridion impressum: Ghavami, 2008: 687 (distribution record).

Theridion impressum: Ghavami et al., 2008: 183 (distribution record).

P. i.: Namaghi, Kaykhosravi & Zamani, 2014: 108 (distribution record).

464) *Platnickina tincta* (Walckenaer, 1802)

Records: East Azarbayjan, Gilan.

Distribution: Holarctic.

References:

Theridion tinctorum: Roewer, 1955: 873 (distribution record).

465) *Robertus lividus* (Blackwall, 1836)

Records: Isfahan.

Distribution: Holarctic.

References:

Ctenium lividum: Roewer, 1955: 873 (distribution record).

466) *Simitidion simile* (C. L. Koch, 1836)

Records: Golestan, Markazi, Tehran.

Distribution: West Palaearctic and Nearctic.

References:

Theridion s.: Ghavami, 2007: 689 (distribution record).

Theridion s.: Ghavami et al., 2007: 2567 (distribution record).

Theridion s.: Ghavami, 2008: 687 (distribution record).

Theridion s.: Ghavami & Amooz, 2008: 74 (distribution record).

S. s.: Zamani, 2015: 15 (distribution record).

467) *Steatoda albomaculata* (De Geer, 1778)

Records: Gilan, Golestan, Kerman, Mazandaran, Qazvin, Razavi Khorasan, Zanjan.

Distribution: Holarctic.

References:

Lithyphantes albomaculatus: Roewer, 1955: 753 (distribution record).

S. a.: Mirshamsi, 2005b: 63 (distribution record).

S. a.: Ghavami, 2007: 689 (distribution record).

S. albimaculata: Ghavami et al., 2007: 2567 (distribution record).

S.a.: Ghavami & Amooz, 2008: 74 (distribution record).

468) *Steatoda dahli* (Nosek, 1905)

Records: Razavi Khorasan.

Distribution: From Turkey to Kyrgyzstan.

References:

S. d.: Mirshamsi, 2005b: 63 (distribution record).

469) *Steatoda maura* (Simon, 1909)

Records: Razavi Khorasan.

Distribution: Greece, Israel and Iran.

References:

S. m.: Mirshamsi, 2005b: 63 (distribution record).

470) *Steatoda paykulliana* (Walckenaer, 1806) (Fig. 9C)

Records: Ardebil, Fars, Golestan, Markazi, Mazandaran, Razavi Khorasan, Semnan, Tehran.

Distribution: West Palaearctic.

References:

S. p.: Komposch, 2002: 103 (distribution record).

S. p.: Mirshamsi, 2005b: 63 (distribution record).

S. p.: Mirshamsi, 2006: 2, f. 2-6 (♂♀).

S. p.: Ghavami, 2007: 689 (distribution record).

S. p.: Ghavami, 2008: 687 (distribution record).

S. p.: Ghavami & Amooz, 2008: 74 (distribution record).

S. p.: Ghavami et al., 2008: 183 (distribution record).

S. p.: Ghahari & Marusik, 2009: 6 (distribution record).

- S. p.*: Ghahari & Tabari, 2012: 139 (distribution record).
S. p.: Kashefi et al., 2013: 14 (distribution record).
S. p.: Tabrizi, Rad & Hedayati, 2014: 37, f. 2N-O, 4P-Q (♂♀).
S. p.: Zamani, 2015: 15 (distribution record).

471) *Steatoda triangulosa* (Walckenaer, 1802) (Fig. 9D)

Records: Golestan, Isfahan.

Distribution: Cosmopolitan.

References:

- S. t.*: Ghahari & Marusik, 2009: 6 (distribution record).
S. t.: Kashefi et al., 2013: 14 (distribution record).

472) *Theridion hemerobium* Walckenaer, 1805

Records: Gilan, Mazandaran.

Distribution: Nearctic and West Palaearctic.

References:

- T. b.*: Ghahari & Marusik, 2009: 6 (distribution record).
T. b.: Zamani, 2015: 15 (distribution record).

473) *Theridion melanurum* Hahn, 1831

Records: Golestan, Razavi Khorasan, Zanjan.

Distribution: West Palaearctic and Nearctic.

References:

- T. m.*: Komposch, 2002: 103 (distribution record).
T. m.: Mirshamsi, 2005b: 63 (distribution record).
T. m.: Ghavami et al., 2007: 2567 (distribution record).

474) *Theridion varians* Hahn, 1831

Records: Fars, Kerman.

Distribution: Holarctic.

References:

- T. v.*: Roewer, 1955: 873 (distribution record).

Family Theridiosomatidae Simon, 1881

475) *Theridiosoma gemmosum* (C. L. Koch, 1877)

Records: Golestan.

Distribution: West Palaearctic.

References:

- T. g.*: Marusik et al., 2014: 264 (distribution record).

Family Thomisidae Menge, 1866

476) *Diaea dorsata* (Fabricius, 1777)

Records: Tehran.

Distribution: West Palaearctic.

References:

D. d.: Ghavami, 2006: 1846 (distribution record).

Comment: This species is probably misidentified.

477) *Ebrechtella tricuspidata* (Fabricius, 1775)

Records: Gilan, Mazandaran.

Distribution: Palaearctic.

References:

Misumenops tricuspιδatus: Mozaffarian & Tirkari, 2000: 104 (distribution record).

Misumenops tricuspιδatus: Mozaffarian, Tirkari & Bayat-Asadi, 2000: 56 (distribution record).

Misumenops tricuspιδatus: Ghavami, 2006: 1846 (distribution record).

E. t.: Zamani, 2015: 15 (distribution record).

478) *Heriaeus graminicola* (Doleschall, 1852)

Records: Golestan.

Distribution: Europe to Iran.

References:

H. g.: Komposch, 2002: 103 (distribution record).

479) *Heriaeus spinipalpus* Loerbroks, 1983 (Fig. 10A)

Records: Tehran.

Distribution: Eastern Mediterranean.

References:

H. s.: Ono & Martens, 2005: 121, f. 71-74 (♀).

H. s.: Zamani, 2014c: 63 (distribution record).

480) *Misumena vatia* (Clerck, 1757) (Fig. 10B)

Records: East Azarbayjan, Gilan, Golestan, Mazandaran, Qazvin, Tehran, Zanzan.

Distribution: Holarctic.

References:

M. v.: Ono & Martens, 2005: 121 (distribution record).

M. v.: Ghavami & Amooz, 2008: 74 (distribution record).

481) *Monaeses paradoxus* (Lucas, 1846)

Records: Bushehr.

Distribution: Europe to Iran, Africa.

References:

M. p.: Zamani et al., 2014b: 366 (distribution record).

482) *Ozyptila aculipalpa* Wunderlich, 1995*

Records: Lorestan.

Distribution: Iran.

References:

O. aculipalpus Wunderlich, 1995b: 766, f. 56-57 (♂).

483) *Ozyptila atomaria* (Panzer, 1801)

Records: Mazandaran.

Distribution: Palaearctic.

References:

O. a.: Marusik, Logunov & Koponen, 2000: 113 (distribution record).

484) *Ozyptila claveata* (Walckenaer, 1837)

Records: East Azarbayjan.

Distribution: Palaearctic.

References:

O. nigrita: Ono & Martens, 2005: 120, f. 58-64 (♂♀).

Comment: This species is probably misidentified.

485) *Ozyptila grisea* Roewer, 1955[^]

Records: Kerman.

Distribution: Iran to Afghanistan.

References:

O. g. Roewer, 1955: 776, f. 24 (♀).

486) *Ozyptila lugubris* (Kroneberg, 1875)

Records: South Khorasan.

Distribution: From Ukraine to Central Asia.

References:

O. l.: Zamani et al., 2014b: 366 (distribution record).

487) *Ozyptila lutosa* Ono & Martens, 2005*

Records: East Azarbayjan.

Distribution: Iran.

References:

O. l. Ono & Martens, 2005: 121, f. 68-70 (♀).

488) *Ozyptila makidica* Ono & Martens, 2005*

Records: East Azarbayjan.

Distribution: Iran.

References:

O. m. Ono & Martens, 2005: 120, f. 65-67 (♀).

489) *Ozyptila praticola* (C.L. Koch, 1837)

Records: Kerman.

Distribution: West Palaearctic, West and East Nearctic (seems introduced).

References:

O. p.: Roewer, 1955: 776 (distribution record).

490) *Ozyptila rauda* Simon, 1875

Records: Gilan, Mazandaran.

Distribution: Europe to West Siberia.

References:

O. r.: Roewer, 1955: 776 (distribution record).

Comment: This species is probably misidentified.

491) *Ozyptila simplex* (O. P.-Cambridge, 1862)

Records: Gilan, Mazandaran.

Distribution: West Palaearctic.

References:

Oxyptila s.: Mozaffarian, Targari & Bayat-Asadi, 2000: 56 (distribution record).

O. s.: Ghavami, 2006: 1846 (distribution record).

Comment: This species is probably misidentified.

492) *Ozyptila tricoloripes* Strand, 1913

Records: Golestan.

Distribution: From Turkey and Israel to Iran and Turkmenistan.

References:

O. t.: Ghahari & Marusik, 2009: 6 (distribution record).

493) *Pistius truncatus* (Pallas, 1772)

Records: Mazandaran.

Distribution: West Palaearctic.

References:

P. t.: Ono & Martens, 2005: 121 (distribution record).

494) *Runcinia grammica* (C. L. Koch, 1837)

Records: Khuzestan, Mazandaran, Tehran.

Distribution: Palearctic, St. Helena, South Africa.

References:

R. lateralis: Ono & Martens, 2005: 121, f. 75-77 (♂).

R. g.: Logunov et al., 2006: 228 (distribution record).

R. lateralis: Ghavami, 2006: 1846 (distribution record).

R. lateralis: Ghahari & Tabari, 2012: 139 (distribution record).

R. g.: Zamani, 2015: 15 (distribution record).

495) *Stiphopus strandi* Spassky, 1938

Records: Razavi Khorasan.

Distribution: From Turkmenistan to Tajikistan, south to Razavi Khorasan and Afghanistan.

References:

S. s.: Zamani et al., 2014b: 366 (distribution record).

496) *Synema globosum* (Fabricius, 1775) (Fig. 10C)

Records: Gilan, Golestan, Mazandaran, Zanzan.

Distribution: Palearctic.

References:

S. g.: Roewer, 1955: 776 (distribution record).

S. g.: Komposch, 2002: 103 (distribution record).

S. g.: Ono & Martens, 2005: 121 (distribution record).

S. g.: Ghavami, 2006: 1846 (distribution record).

S. g.: Ghavami & Amooz, 2008: 74 (distribution record).

S. g.: Zamani, 2015: 15 (distribution record).

497) *Thomisus onustus* Walckenaer, 1805 (Fig. 10D)

Records: Ardebil, Fars, Gilan, Golestan, Mazandaran, Razavi Khorasan, South Khorasan, Tehran, Zanzan.

Distribution: Palearctic.

References:

T. o.: Mirshamsi, Darvish & Goodarzi, 2000: 19, f. 2-6 (♂♀).

T. o.: Komposch, 2002: 103 (distribution record).

T. hilarulus: Ono & Martens, 2005: 123, f. 78-79 (♂).

T. o.: Mirshamsi, 2005: 61 (distribution record).

T. o.: Ghavami, 2006: 1846 (distribution record).

T. onustus: Ghavami & Amooz, 2008: 74 (distribution record).

T. o.: Ghahari & Tabari, 2012: 139 (distribution record).

T. o.: Tabrizi, Rad & Hedayati, 2014: 36, f. 2A-C, 4A (♀).

T. o.: Zamani, 2015: 15 (distribution record).

498) *Thomisus zyuzini* Marusik & Logunov, 1990

Records: Alborz, Isfahan, Razavi Khorasan.

Distribution: Turkey to Mongolia.

References:

T. z.: Ghavami, 2006: 1847 (distribution record).

T. z.: Zamani, 2015: 15 (distribution record).

499) *Tmarus piochardi* (Simon, 1866)

Records: Markazi.

Distribution: Mediterranean.

References:

T. p.: Zamani, 2015: 18, f. 3 (♂♀).

500) *Tmarus stellio* Simon, 1875

Records: Mazandaran.

Distribution: West Palaearctic.

References:

T. s.: Ono & Martens, 2005: 110, f. 1-4 (♂♀).

501) *Xysticus audax* (Schrank, 1803)

Records: Kerman.

Distribution: Palaearctic.

References:

X. a.: Roewer, 1955: 777 (distribution record).

502) *Xysticus cor* Canestrini, 1873

Records: Tehran.

Distribution: From Iberian Peninsula to Iran.

References:

X. c.: Zamani et al., 2014b: 366 (distribution record).

503) *Xysticus cristatus* (Clerck, 1757)

Records: Ardebil, East Azarbayjan, Gilan, Golestan, Mazandaran, North Khorasan, Zanjan.

Distribution: West Palaearctic.

References:

X. c.: Mirshamsi, Darvish & Goodarzi, 2000: 24, f. 12-13 (♂).

X. c.: Ono & Martens, 2005: 114, f. 24-25 (♂).

X. c.: Mirshamsi, 2005: 61 (distribution record).

X. c.: Ghavami, 2006: 1847 (distribution record).

X. c.: Ghavami & Amooz, 2008: 74 (distribution record).

504) *Xysticus edax* (O.P.-Cambridge, 1872)

Records: Razavi Khorasan.

Distribution: Turkey, Israel, Iran.

References:

X. e.: Zamani et al., 2014b: 366 (distribution record).

505) *Xysticus gallicus* Simon, 1875

Records: East Azarbayjan.

Distribution: Europe to Caucasus.

References:

X. g.: Ono & Martens, 2005: 114, f. 30-36 (♂♀).

506) *Xysticus kempeleni* Thorell, 1872

Records: South Khorasan.

Distribution: Europe to Uzbekistan.

References:

X. k.: Zamani et al., 2014b: 366 (distribution record).

507) *Xysticus kochi* Thorell, 1872

Records: East Azarbaijan, Gilan, Golestan, Mazandaran, Razavi Khorasan, Tehran.

Distribution: Europe to Turkmenistan.

References:

X. k.: Mirshamsi, Darvish & Goodarzi, 2000: 22, f. 9-11 (♂♀).

X. k.: Ono & Martens, 2005: 114, f. 26-29 (♂).

X. k.: Mirshamsi, 2005: 61 (distribution record).

X. k.: Ghavami, 2006: 1847 (distribution record).

X. k.: Ghahari & Tabari, 2012: 139 (distribution record).

X. k.: Kashefi et al., 2013: 14 (distribution record).

X. k.: Zamani, 2015: 15 (distribution record).

508) *Xysticus kulczynskii* Wierzbicki, 1902[^]

Records: Golestan, Tehran.

Distribution: Azerbaijan, Iran.

References:

X. k.: Komposch, 2002: 103 (distribution record).

X. k.: Logunov, Marusik & Koponen, 2002: 99, f. 1-3, 7, 9, 11-12, 15-19 (♂♀).

X. k.: Ono & Martens, 2005: 118, f. 49-52 (♂).

509) *Xysticus laetus* Thorell, 1875

Records: Fars, Mazandaran.

Distribution: Italy to Iran.

References:

X. l.: Logunov, 2006: 62, f. 5-6, 13-20 (♂♀).

510) *Xysticus lanio* C.L. Koch, 1845

Records: Fars, Gilan.

Distribution: West and Central Palaearctic.

References:

X. l.: Roewer, 1955: 777 (distribution record).

X. l.: Ghavami, 2006: 1847 (distribution record).

511) *Xysticus loeffleri* Roewer, 1955

Records: Gilan.

Distribution: Greece to Kyrgyzstan.

References:

X. löffleri Roewer, 1955: 777, f. 25 (♀).

512) *Xysticus logunovi* Ono & Martens, 2005*

Records: Mazandaran.

Distribution: Iran.

References:

X. l. Ono & Martens, 2005: 116, f. 37-48 (♂♀).

513) *Xysticus luctuosus* (Blackwall, 1836)

Records: Ardebil, Fars, Mazandaran.

Distribution: Holarctic.

References:

X. l.: Ghavami, 2006: 1847 (distribution record).

X. l.: Zamani, 2015: 15 (distribution record).

514) *Xysticus marusiki* Ono & Martens, 2005^

Records: Tehran.

Distribution: Iran, Turkey.

References:

X. m. Ono & Martens, 2005: 112, f. 13-23 (♂♀).

515) *Xysticus minor* Charitonov, 1946

Records: South Khorasan.

Distribution: Central Asia, Iran.

References:

X. m.: Zamani et al., 2014b: 366 (distribution record).

516) *Xysticus ninnii fusciventris* Crome, 1965

Records: Razavi Khorasan, Tehran.

Distribution: From Switzerland to Mongolia.

References:

X. n.f.: Ono & Martens, 2005: 110, f. 5-12 (♂♀).

X. n.f.: Namaghi, Kaykhosravi & Zamani, 2014: 109 (distribution record).

517) *Xysticus pieperi* Ono & Martens, 2005*

Records: East Azarbayjan.

Distribution: Iran.

References:

X. p. Ono & Martens, 2005: 118, f. 53-57(♂).

518) *Xysticus rectilineus* (O.P.-Cambridge, 1872)

Records: Razavi Khorasan.

Distribution: Israel to Iran.

References:

X. r.: Mirshamsi, Darvish & Goodarzi, 2000: 22, f. 7-8 (♀).

X. r.: Mirshamsi, 2005: 61 (distribution record).

X. r.: Hosseini et al., 2014: 441 (distribution record).

519) *Xysticus striatipes* C.L. Koch, 1870

Records: Mazandaran, Tehran.

Distribution: West Palaearctic.

References:

X. s.: Ghahari & Marusik, 2009: 6 (distribution record).

X. s.: Ghahari & Tabari, 2012: 139 (distribution record).

X. s.: Tabrizi, Rad & Hedayati, 2014: 36, f. 4D-F (♂).

520) *Xysticus tristrami* (O. P.-Cambridge, 1872)

Records: Fars.

Distribution: Israel to Central Asia.

References:

X. t.: Roewer, 1955: 777 (distribution record).

Family Titanoecidae Lehitnen, 1967

521) *Nurscia albomaculata* (Lucas, 1846)

Records: Golestan, Mazandaran, Razavi Khorasan, Tehran.

Distribution: Mediterranean to Central Asia.

References:

Titanoeca a.: Mozaffarian, Targari & Bayat-Asadi, 2000: 61 (distribution record).

N. a.: Kashefi et al., 2013: 14 (distribution record).

N. a.: Hosseini et al., 2014: 441 (distribution record).

N. a.: Namaghi, Kaykhosravi & Zamani, 2014: 109 (distribution record).

N. a.: Zamani, 2015: 15 (distribution record).

522) *Nurscia albosignata* Simon, 1874

Records: West Azarbayjan.

Distribution: Bulgaria, Cyprus to Central Asia.

References:

Titanoeca a. Simon, 1874b: 235 (♂).

523) *Titanoeca lehtineni* Fet, 1986

Records: North Khorasan (?).

Distribution: Central Asia, Iran (?).

References:

T. l.: Omelko, 2011: 82, f. 1-10 (♂♀).

Comment: Although this species has not been recorded from Iran so far, Omelko (2011) assumed the high possibility of its occurrence in northeastern part of the country.

524) *Titanoeca turkmenia* Wunderlich, 1995

Records: Gilan, Kordestan, Mazandaran.

Distribution: Greece, Iran, Turkmenistan.

References:

T. t. Wunderlich, 1995a: 735, f. 7-10 (♂).

T. t.: Mozaffarian, Targari & Bayat-Asadi, 2000: 61 (distribution record).

T. t.: Ghahari & Marusik, 2009: 6 (distribution record).

Family Uloboridae Thorell, 1869

525) *Octonoba yesoensis* (Saito, 1934)

Records: Golestan, Mazandaran.

Distribution: South Caucasus, Northern Iran and Far East Asia.

References:

Zosis hyrcana Brignoli, 1979: 278, f. 5 (♀).

O. y.: Marusik et al., 2014: 264, f. 9a-c (♀).

526) *Uloborus plumipes* Lucas, 1846 (Fig. 10E)

Records: Fars.

Distribution: Old World.

References:

U. p.: Brignoli, 1979: 277, f. 6 (♀).

527) *Uloborus walckenaerius* Latreille, 1806

Records: Golestan, Lorestan, Razavi Khorasan, Tehran.

Distribution: Palaearctic.

References:

U. m.: Ghavami, 2006: 1847 (distribution record).

U. m.: Mirshamsi, 2005b: 60 (distribution record).

U. m.: Kashefi et al., 2013: 14 (distribution record).

U. m.: Namaghi, Kaykhosravi & Zamani, 2014: 109 (distribution record).

U. m.: Tabrizi, Rad & Hedayati, 2014: 30, f. 1A-D, 3A-C (♂♀).

Family Zodariidae Thorell, 1881

528) *Parazodarium raddei* (Simon, 1889)

Records: Qom, Razavi Khorasan, West Azarbayjan, Yazd.

Distribution: From Western Iran to Tajikistan, south to Baluchistan in Pakistan.

References:

P. r.: Ovtchinnikov, Ahmad & Gurko, 2009: 471, f. 1.1-6 (♂♀).

P. r.: Hosseini et al., 2014: 441 (distribution record).

DISCUSSION

The current checklist increases the list of spiders in Iran to at least 528 nominal species and subspecies belonging to 230 genera and 45 families. A total number of 112 species are endemic/subendemic to Iran, which exceeds 21% of the species diversity of this order in this

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country. According to our estimation, 43 species records should be considered as doubtful and their material should be revised in future studies in order to clarify their status. The current list is dominated by members of the families Salticidae (98 species), Linyphiidae (69 species) and Lycosidae (63 species), with 18.7%, 13.1% and 12% of total species, respectively. Moreover, the families Linyphiidae (45 genera) and Salticidae (38 genera) show the most generic diversity among the listed families, with 19.6% and 16.5% of total recorded genera, respectively.

It is still difficult to assess the true species diversity of spiders in Iran. Systematic investigations of spider fauna using pitfall and ramp traps have not been conducted in much of the different areas in Iran. However, in table 1 an estimation of total diversity of different families of spiders has been presented on the basis of the opinion of experts for each family. According to the table 1 the true spider species diversity of Iran should range between 921-1018. This shows that the spider fauna of Iran should be considered as poorly-studied, and it could benefit from further, detailed taxonomic and large-scale faunistic studies in the future

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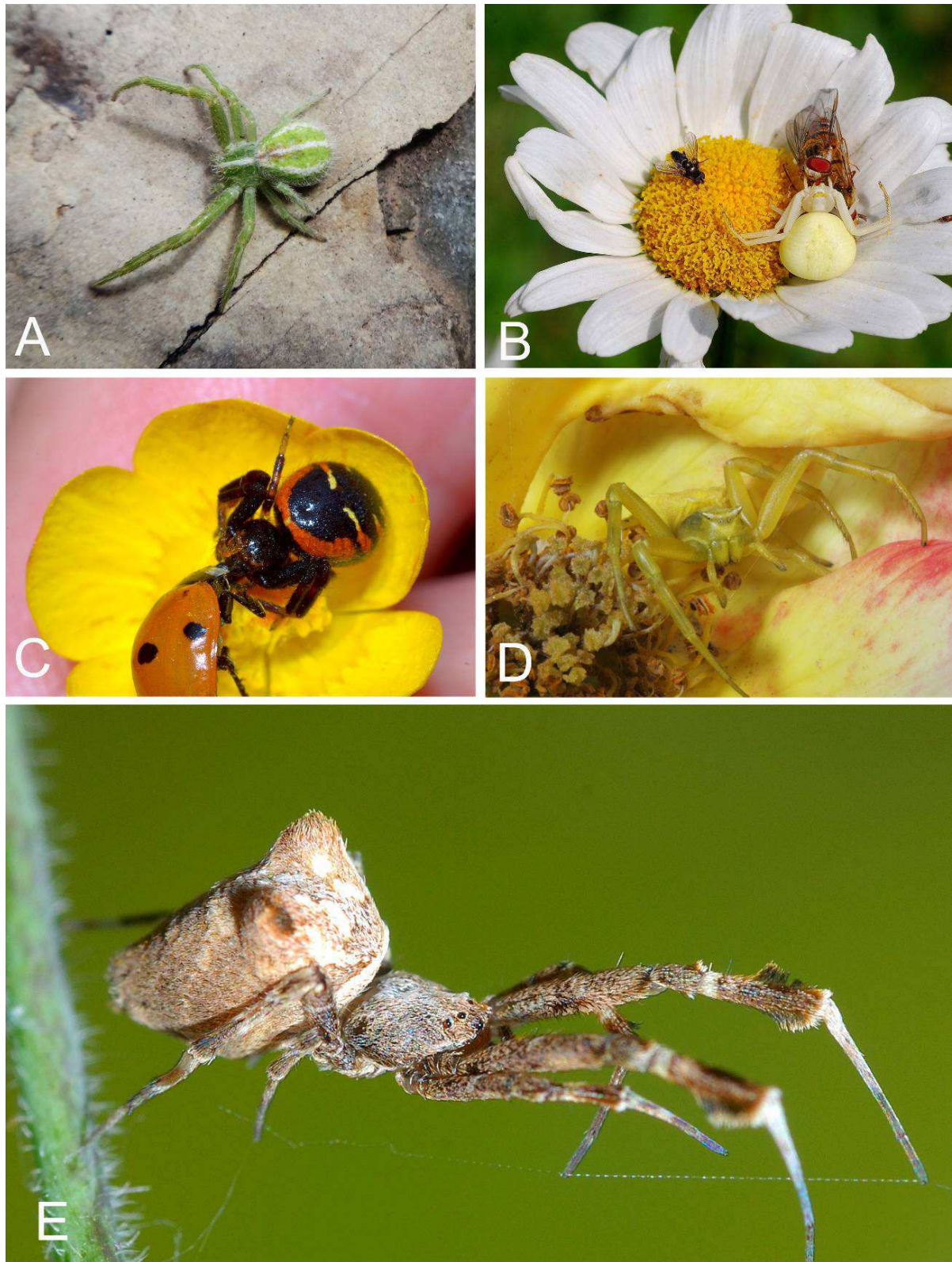


FIGURE 10. General habitus of A) *Heriaeus spinipalpus*; B) *Misumena vatia*; C) *Synema globosum*; D) *Thomisus onustus*; E) *Uloborus plumipes*. Photos by Parham Beyhaghi (A), Ali Mohajeran (D) and John Osmani (B, C, E).

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TABLE 1. Number of recorded genera, species and subspecies of spiders of Iran, and the estimated total diversity by respective experts.

Order	Family	No. of genera	No. of species/sub-species	Estimated	Expert
1	Atypidae	1	1	2	Schwendinger
2	Dipluridae	1	1	1-2	Schwendinger
3	Cyrtoucheniidae	1	1	3-4	Zonstein
4	Nemesiidae	1	3	6-7	Zonstein
5	Filistatidae	3	7	12-15	Zonstein
6	Sicariidae	1	1	1	Marusik
7	Scytodidae	1	6	6-8	Brescovit
8	Leptonetidae	1	1	2-5	Marusik
9	Pholcidae	5	20	30-40	Huber
10	Caponiidae	1	1	2-5	Platnick
11	Segestriidae	1	2	5	Marusik
12	Dysderidae	3	8	20	Řezáč
13	Oonopidae	4	5	10-15	Platnick
14	Palpimanidae	1	2	5	Marusik
15	Mimetidae	2	2	4	Marusik
16	Eresidae	2	4	10	Řezáč
17	Oecobiidae	2	4	10	Marusik
18	Hersiliidae	2	5	8	Marusik
19	Uloboridae	2	3	4	Marusik
20	Theridiidae	15	29	50-60	Knoflach
21	Theridiosomatidae	1	1	1	Marusik
22	Linyphiidae	45	69	100-120	Tanasevitch
23	Tetragnathidae	3	9	12	Marusik
24	Araneidae	14	30	40	Marusik
25	Lycosidae	17	63	100-110	Nadolny
26	Pisauridae	1	1	3	Nadolny
27	Oxyopidae	1	4	8	Marusik
28	Agelenidae	3	7	24-30	Bolzern
29	Cybaeidae	2	2	2	Marusik
30	Dictynidae	4	4	10	Marusik
31	Titanoecidae	2	4	5	Marusik
32	Eutichuridae	1	5	5	Marusik
33	Anyphaenidae	1	1	2	Marusik
34	Liocranidae	1	1	3	Marusik
35	Clubionidae	1	4	10	Mikhailov
36	Corinnidae	1	1	2	Marusik
37	Phrurolithidae	1	1	5	Marusik
38	Zodariidae	1	1	15	Marusik
39	Cithaeronidae	1	1	1	Marusik
40	Prodidomidae	1	1	2	Marusik
41	Gnaphosidae	19	38	150	Kovblyuk
42	Sparassidae	5	12	20-22	Jäger
43	Philodromidae	3	19	30-35	Logunov
44	Thomisidae	13	45	60-65	Logunov
45	Salticidae	38	98	120-130	Logunov
	Total	230	528	921-1018	

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