

New data on the spider fauna of Iran (Arachnida: Araneae), Part V.

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In this paper, four genera (*Brommella*, *Siva*, *Trygetus* and *Turkozelotes*) and 25 species are recorded for the spider fauna of Iran for the first time. In addition, new provincial records are provided for 103 species. As a result, the total number of the spider species known from this country is raised to 697.

Key words: Iranian Plateau, Middle East, new records, range extensions.

INTRODUCTION

The present paper is the fifth contribution in the series devoted to the comprehensive faunistic study of Iranian spiders. Currently, 672 spider species of 273 genera are known from Iran (Zamani et al. 2018). Although there are several recent publications dealing with the description of new taxa or records of spiders new to the fauna of Iran (e.g. Mirshamsi et al. 2015; Zamani et al. 2014, 2015, 2016, 2017; Marusik & Zamani 2015b, 2016; Malek Hosseini et al. 2015; Moradmand et al. 2016; Zamani et al. 2017; Moradmand 2017), taxonomic surveys and large-scale faunistic works are scarce (e.g. Tanasevitch 2009; Moradmand & Jäger 2011; Marusik & Zamani 2015a; Mirshamsi et al. 2016). According to Mirshamsi et al. (2015), the total species diversity of Iranian spiders should be hardly less than 1000 species. As a result of the four previous parts of this series, five families (Liocranidae, Mimetidae, Mysmenidae, Miturgidae and Hahniidae), 35 genera and 120 species were recorded from Iran for the first time (Zamani et al. 2014, 2015, 2016, 2017). Main goal of this paper is to provide records for an additional number of 25 species which are new to the fauna of Iran, and raise the number of spider species known from this country to 697. In addition, we have also provided new provincial records for 103 species (Table).

MATERIAL AND METHODS

The materials treated in this paper were collected by the authors and their colleagues from different provinces of Iran from 1996 till now. Species distribution is based on the information provided in several databases and catalogues: viz., Mikhailov (2013), World Spider Catalog (2017) and other sources. In order to recognize a new record status of the treated taxa, all the existing records were checked upon the database compiled by Zamani et al. (2018).

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The depositories of the studied specimens are as follows: Agricultural Zoology Museum of Iran (AZMI), Zoological Museum of Ferdowsi University of Mashhad (ZMFUM), Zoological Museum of Perm State University (ZMPSU), Zoological Museum of University of Tehran (ZUTC).

RESULTS

Newly recorded species from Iran:

Family Araneidae Clerck, 1757

Argiope ahngeri Spassky, 1932

(Fig. 1)

A. a.: Tiunov & Esyunin, 2014: 1316, f. 1.1–11, 2.1–2 (♂♀).

Material: *Alborz Province*: 2♀ (ZUTC), Nazar Abad, September 2017 (P. Beyhaghi).

Comments: This species has a Central Asian range, previously recorded from Kyrgyzstan, Tajikistan (?), Turkmenistan and Uzbekistan. The current record is the southwesternmost in the whole range. Due to close similarities, it is probable that some literature records of *Argiope lobata* (Pallas, 1772) from northern Iran could refer to this species (see Zamani et al., 2018, for a list of provincial record references).

Siwa atomaria (O. Pickard-Cambridge, 1876)

S. a.: Levy, 1986: 3, f. 1–9 (♂♀).

Material: *Kermanshah Province*: 1♂ 5♀ (ZUTC), Zarrin Joob Vil., April 2017 (M. Amiri).

Comments: This species has been recorded from Egypt, Israel and Azerbaijan only. Both genus and species are new to the fauna of Iran, and this is the easternmost record of the genus in the global range.

Family Dictynidae O. P.-Cambridge, 1871

Brommella cf. falcigera (Balogh, 1935)

B. f.: Kuzmin & Esyunin, 2016: 31, f. 9 (♀).

Material: *Zanjan Province*: 1♀ (ZMFUM), Gavazang-Amand Vil., 14 July 2016 (L. Karami).

Comments: This species is distributed from Western Europe to Turkey. Both genus and species are new to the fauna of Iran, and this is the easternmost record of the species globally. Until the collection of conspecific males, this identification shall be considered as provisional.

Family Gnaphosidae Pocock, 1898

Berlandina afghana Denis, 1958

B. a.: Marusik et al., 2014: 416, f. 1, 3a–b, 4, 5a–b, 6 (♀).

Material: *Sistan & Baluchistan Province*: 1♀ (ZUTC), Chabahar, November 2017 (A. Zamani).

Comments: This species has been previously recorded from Afghanistan and Pakistan. The current record is the westernmost in the whole known range.

Gnaphosa dolosa Herman, 1879

G. d.: Ovtsharenko et al., 1992: 9, f. 7–8, 19–22 (♂♀).

Material: *Kermanshah Province*: 1♀ (ZUTC), Zarrin Joob Vil., April 2017 (M. Amiri).

Comments: This species is distributed from Southern to Eastern Europe, Turkey, Syria, the Caucasus, and Russia to Central Asia.



FIGURE 1. Female *Argiope abngeri* Spassky, 1932, Alborz Province, Iran (Photo: Shiva Taghipour).

***Gnaphosa petrobia* L. Koch, 1872**

G. p.: Ovtsharenko et al., 1992: 70, f. 251–254 (♂♀).

Material: *Isfahan Province*: 1♀ (ZUCT), Qamsar & Barzok Protected area, 55 km SW of Qamsar, 14 km NE Kamoo, Gargesh peak, 33°40'18.2"N 51°18'55"E, alt 3530 m., 19 May 2016 (P. Ponel).

Comments: This species has been previously recorded from mountainous regions of Central and Eastern Europe, including the western USSR. The current record is the southeasternmost in the whole known range.

***Gnaphosa saurica* Ovtsharenko, Platnick & Song, 1992**

G. s.: Ovtsharenko et al., 1992: 6, f. 15–18 (♂♀).

Material: *Tehran Province*: 1♂ 1♀ (AZMI), Varamin, wheat field, April 1998 (Sheikhi).

Comments: This species has been previously recorded from Russia, Ukraine, Georgia and Central Asia. The current record is the southernmost in the whole range.

***Haplodrassus ovtchinnikovi* Ponomarev, 2008**

H. o.: Kovblyuk et al., 2009: 177, f. 42–50 (♂♀).

Material: *Kordestan Province*: 1♀ (ZUCT), Kamyaran, Noshur-e Olya, 35°01'15"N 46°54'46"E, May 2017 (A. Zamani).

Comments: This species has been previously recorded from western Kazakhstan and Turkey. The current record is the southernmost in the whole range.

***Trachyzelotes malkini* Platnick & Murphy, 1984**

T. m.: Kovblyuk & Tuneva, 2009: 159, f. 17–21 (♂♀).

Material: *Kermanshah Province*: 1♀ (ZUCT), Zarrin Joob Vil., April 2017 (M. Amiri); *Kordestan Province*: 2♀ (ZUCT), Oramanat, May 2017 (A. Zamani).

Comments: This species has been previously recorded in Romania, Macedonia, Albania, Crete, Turkey, Ukraine, Russia and Kazakhstan. One of the current records (Kermanshah) is the southernmost in the whole known range.

***Turkozelotes mirandus* Ponomarev, 2011**

T. m. Ponomarev, in Ponomarev & Dvadnenko, 2011: 108, f. 1a–d, 2a–c (♂♀).

Material: *Ilam Province*: 1♀ (AZMI), Shirvan, Chardavol, 2 May 2001 (F. Mozaffarian).

Comments: This species has been previously known from western Russia only. Both genus and species are new records for Iran, and the current record is the southernmost in the whole known range.

***Zelotes zekharya* Levy, 2009**

Z. z. Levy, 2009: 29, f. 63–64 (♂).

Material: *Markazi Province*: 1♂ (AZMI), Saveh, Yal Abad, Pome orchard, 6 July 1998 (F. Mozaffarian).

Comments: This species has been previously known from Israel and Cyprus only. The current record is the easternmost in the whole known range.

Family Miturgidae Simon, 1886

***Zora manicata* Simon, 1878**

Z. m.: Levy, 2003: 15, f. 23–31 (♂♀).

Material: *Zanjan Province*: 3♂ 2♀ (ZMFUM), Gheydar-Garmab Rd., 20 April 2017 (L. Karami).

Comments: This species is distributed in Europe and Israel. The current record is the southeasternmost in the whole known range.

Family Oxyopidae Thorell, 1870

***Oxyopes sobrinus* O. Pickard-Cambridge, 1872**

O. s.: Levy, 1999: 37, f. 7A–C, 8A–C (♂♀).

Material: *Yazd Province*: 1♀ (ZUCT), Ardakan, 32°20'32.5"N 54°14'13.8"E, August 2017 (A. Zamani).

Comments: This species has been previously recorded from Libya and Israel, and is probably present in the UAE. The current record is the easternmost in the whole range.

Family Philodromidae Thorell, 1870

***Thanatus oblongiusculus* (Lucas, 1846)**

T. constellatus: Logunov, 1996: 167, f. 118–124, 183a (♂♀).

Material: *Kordestan Province*: 1♀ (ZUCT), Bozlaneh-Semiran Rd., May 2017 (A. Zamani).

Comments: This species is distributed in the Palearctic, from Southern Europe to NW China.

Family Salticidae Blackwall, 1841

***Pellenes ostrinus* (Simon, 1868)**

P. o.: Metzner, 1999: 121, f. 86a–k (♂).

Material: *Zanjan Province*: 1♂ (ZMFUM), Zanjan-Miyanrh Rd., 21 April 2017 (L. Karami).

Comments: This species has been previously recorded from Greece and Israel. Our record is the easternmost in the whole known range.

***Phlegra cinereofasciata* (Simon, 1868)**

P. c.: Azarkina, 2004: 82, f. 37–39, 46, 48–53, 64–67, 80–86 (♂♀).

Material: *Ardabil Province*: 2♀ (ZMFUM), Aghkand-Khalkhal, Karoo Vil., May 30 2017 (A. Abedini).

Comments: This species is distributed from Portugal to Central Asia. Our record is the southernmost in the whole known range.

***Phlegra dunini* Azarkina, 2004**

P. d. Azarkina, 2004: 85, f. 111–113 (♀).

Material: *Lorestan Province*: 1♀ (ZUCT), Pol-e Dokhtar, 10 km N of Velo, 2 April 2017 (A. Zamani);

Zanjan Province: 1♀ (ZMFUM), Gavazang, 4 June 2016 (L. Karami).

Comments: This species has been previously known from Turkey and Azerbaijan only. Our record from Lorestan is the southernmost in the whole known range.

Family Theridiidae Sundevall, 1833***Steatoda castanea* (Clerck, 1757)**

S. c.: Roberts, 1998: 289, f. (♂♀).

Material: *Tehran Province*: 1♀ (ZUCT), Damavand, 35°43'13"N 52°04'22"E, July 2017 (A. Zamani).

Comments: This species is distributed from Europe to China, and has been introduced in Canada.

***Theridion hermonense* Levy, 1991**

T. h.: Levy, 1998: 188, f. 355–356 (♀).

Material: *Hamedan Province*: 1♀ (ZUCT), Malayer, nr. Dashtabad, April 2015.

Comments: This species has been previously recorded from Israel and Tunisia; thus, our record is the easternmost in the whole known range.

Family Thomisidae Sundevall, 1833***Xysticus acerbus* Thorell, 1872**

X. a.: Helsdingen, 1986: 88, f. 2, 4, 6, 8 (♂♀).

Material: *Zanjan Province*: 1♀ (ZMFUM), Zanjan-Miyaneh Rd., 30 April 2017 (L. Karami).

Comments: This species is distributed from Europe to Central Asia. Our record is the southernmost in the whole known range.

***Xysticus atevis* Ovtsharenko, 1979**

X. a.: Ovtsharenko, 1979: 40, f. 5–6, 20 (♂♀).

Material: *Zanjan Province*: 1♂ (ZMFUM), Angouran protected area, Belgheis Mt., 10 September 2016 (M. Tashakkori).

Comments: This species has been previously recorded from northern Caucasus. Our record is the southernmost in the whole known range.

***Xysticus cibratus* Simon, 1885**

Ozyptila baudueri cibratus: Kristscher, 1962: 181, pls. 1–2 (♂♀).

Material: *Zanjan Province*: 1♀ (ZMFUM), Soltaniye, Shah Bolaghi, 2016 (A. Abedini).

Comments: This species is distributed in the Mediterranean, and from northern Africa to Korea.

Family Titanoecidae Lehtinen, 1967***Titanoeca caucasica* Dunin, 1985**

T. c.: Dunin, 1985: 932, f. 1–8 (♂♀).

Material: *Kordestan Province*: 1♀ (ZUCT), Bozlaneh-Semiran Rd., May 2017 (A. Zamani).

Comments: This species has been previously recorded in Azerbaijan and Turkey. Our record is the southernmost in the whole known range.

Family Zodariidae Thorell, 1881

Tygetus jacksoni Marusik & Guseinov, 2003

T. j. Marusik & Guseinov, 2003: 44, f. 36–38 (♀).

Material: *Khuzestan Province*: 1♀ (ZUCT), 15 Km N of Andimeshk, Chehel-Pa Protected Area, February 2016 (A. Naderi).

Comments: This species has been previously known from the original description only, from Azerbaijan (Marusik & Guseinov 2003). Both genus and species are new records for the fauna of Iran, and this record is the southernmost in the whole range.

Zodarion lutipes (O. P.-Cambridge, 1872)

Z. l.: Levy, 1992: 89, f. 67–71 (♂♀).

Material: *Kermanshah Province*: 1♀ (ZUCT), Zarrin Joob Vil., April 2017 (M. Amiri).

Comments: This species has been previously known from Cyprus, Israel, Lebanon and Jordan. This record is the easternmost in the whole range.

CONCLUSIONS

As a result of this paper, four genera (*Brommella*, *Siva*, *Tygetus* and *Turkozelotes*) and 25 species of spiders are recorded for the fauna of Iran for the first time and new provincial records are provided for 103 species. Of the studied material, records for 11 species (*Brommella falcigera*, *Erippa fortis*, *Gnaphosa petrobia*, *Oxyopes sobrinus*, *Pellenes ostrinus*, *Plexippoides gestroi*, *Siva atomaria*, *Theridion hermonense*, *Zelotes zekharya*, *Zodarion lutipes*, *Zora manicata*) represent the eastern- or southeasternmost limits of the corresponding species' range, those of the 10 species (*Gnaphosa saurica*, *Haplodrassus ortchinnikovi*, *Hersiliola turica*, *Minosiella intermedia*, *Phlegra cinereofasciata*, *Phlegra dunini*, *Titanoeca caucasica*, *Trachyzelotes malkini*, *Tygetus jacksoni*, *Turkozelotes mirandus*, *Xysticus acerbus*) represent the southernmost, and those of the two species (*Argiope ahngeri*, *Berlandina afghana*) the western- or southwestern range limits. As a result of this paper, the number spider species known from Iran is raised to 697 species of 277 genera.

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Table. Further studied material representing new provincial records for Iranian spiders.

Taxa	Collecting data	Global distribution
Agelenidae C. L. Koch, 1837		
<i>Tegenaria lenkoranica</i> (Guseinov, Marusik & Koponen, 2005)	Zanjan Prov.: 1♀ (ZMFUM), Tarom, Shirin Soo Vil., 37°4'4.08"N 48°51"E, 28 May 2016 (L. Karami).	Azerbaijan, Iran
Araneidae Clerck, 1757		
<i>Agalenata redii</i> (Scopoli, 1763)	Kordestan Prov.: 1♀ (ZUCT), Kamyaran, Noshur-e Olya, 35°01'15"N 46°54'46"E, May 2017 (A. Zamani); Tebran Prov.: 1♀ (ZUCT), Jannat Abad, April 2015 (A. Zamani); Zanjan Prov.: 1♀ (ZMFUM), Abhar-Gheydar Rd., 1 km to Kinevars Vil., 36°08'2.4"N 49°4'1.02"E, 4 May 2017 (L. Karami).	Palearctic
<i>Araniella opistographa</i> (Kulczyński, 1905)	Mazandaran Prov.: 1♂ (AZMI), Sari, 25 April, 2001 (Abaei); 1♀ (AZMI), 20 Km N of Chalus (D. Kasatkin).	Europe to Central Asia
<i>Hyposionga pygmaea</i> (Sundevall, 1831)	Kermanshab Prov.: 1♀ (ZUCT), Zarrin Joob Vil., April 2017 (M. Amiri).	Holarctic
<i>Larinoides suspicax</i> (O. Pickard-Cambridge, 1876)	Kermanshab Prov.: 1♂ 4♀ (ZUCT), Zarrin Joob Vil., April 2017 (M. Amiri).	Europe to Central Asia
<i>Mangora acalypha</i> (Walckenaer, 1802)	Kermanshab Prov.: 1♀ (ZUCT), Zarrin Joob Vil., April 2017 (M. Amiri).	West Palearctic
<i>Neoscona adianta</i> (Walckenaer, 1802)	Zanjan Prov.: 1♂ 1♀ (ZMFUM), Tarom, Shirin Soo Vil., 37°03"N 48°49'1.2"E, 28 May 2016 (L. Karami).	Palearctic
<i>Neoscona subfuscata</i> (C. L. Koch, 1837)	Zanjan Prov.: 1♀ (ZMFUM), Tarom, Shirin Soo Vil., 37°03"N 48°49'1.2"E, 28 May 2016 (L. Karami).	Southern Europe, Africa, Near East
<i>Singa lucina</i> (Audouin, 1826)	Kermanshab Prov.: 1♀ (ZUCT), Zarrin Joob Vil., April 2017 (M. Amiri).	Mediterranean to Central Asia
Corinnidae Karsch, 1880		
<i>Castianeira arnoldii</i> Charitonov, 1946	Kermanshab Prov.: 1♂ (ZUCT), Baba Eskandar, July 2017 (M. Amiri).	Turkmenistan, Uzbekistan, Iran
Dictynidae O. P.-Cambridge, 1871		
<i>Dictyna arundinacea</i> (Linnaeus, 1758)	Kordestan Prov.: 1♀ (ZUCT), Marivan, Zarivar Lake, May 2017 (A. Zamani).	Palearctic
<i>Kharitonovia uzbekistanica</i> (Charitonov, 1946)	Fars Prov.: 1♀ (ZUCT), Shiraz, Campus of Islamic Azad University, Fars Science and Research Branch, July 2009 (R. Beyzavi).	Uzbekistan, Iran
Eutichuridae Lehtinen, 1967		
<i>Cheiracanthium mildei</i> C. L. Koch, 1864	Kermanshab Prov.: 2♀ (ZUCT), Baba Eskandar, July 2017 (M. Amiri); Mazandaran Prov.: 1♀ (ZUCT), 20 Km N of Chalus (D. Kasatkin).	West Palearctic and Nearctic
<i>C. pennyi</i> O.P.-Cambridge, 1873	Kordestan Prov.: 1♂ (ZUCT), Marivan, May 2017 (A. Zamani).	West and Central Palearctic
Filistatidae Ausserer, 1867		
<i>Zaitunia persica</i> Brignoli, 1982	Lorestan Prov.: 1♀ (ZUCT), Pol-e Dokhtar, 10 km N of Velo, 2 April 2017 (A. Zamani).	Iranian endemic
Gnaphosidae Pocock, 1898		
<i>Drassodes lapidosus</i> (Walckenaer, 1802)	Kermanshab Prov.: 1♂ (ZUCT), Zarrin Joob Vil., April 2017 (M. Amiri); Kordestan Prov.: 1♀ (ZUCT), Bozlaneh-Semiran Rd., May 2017 (A. Zamani); 1♀ (ZUCT), Marivan, May 2017 (A. Zamani); 1♀ (ZUCT), Kamyaran, Noshur-e Olya, 35°01'15"N 46°54'46"E, May 2017 (A. Zamani); Zanjan Prov.: 1♀ (ZMFUM), Zanjan-Tabriz Rd., 36°40'1.2"N 48°26'2.4"E, 14 July 2016 (L. Karami), 2♀ (ZMFUM), Tarom, Vazane Sar Vil., 37°01'1.2"N 48°53'2.4"E, 4 May 2017 (L. Karami).	West and Central Palearctic
<i>D. lutescens</i> (C. L. Koch, 1839)	Ardabil Prov.: 1♂ (ZMFUM), Aghkand-Khalkhal Rd., 37°24'2.4"N 48°07'4.8"E, 30 May 2017 (A. Abedini).	Mediterranean to Pakistan
<i>D. pubescens</i> (Thorell, 1856)	Zanjan Prov.: 1♀ (ZMFUM), Zanjan-Tabriz Rd., University of Zanjan, 36°40'4.8"N 48°24'E, 21 May 2017 (L. Karami); 3♀ (ZMFUM), Zanjan-Miyaneh Rd., 29 May 2017 (L. Karami).	Palearctic

<i>Drassyllus praeficus</i> (L. Koch, 1866)	<i>Tehran Prov.</i> : 1♀ (ZMPSU), Tehran, Jamshidieh Stone Garden, 35°49'N 51°27'E, May 2015 (A. Zamani); <i>Zanjan Prov.</i> : 1♀ (ZMFUM), Gavazang, 4 June 2016 (L. Karami).	Europe to Central Asia
<i>Gnaphosa leporina</i> (L. Koch, 1866)	<i>Zanjan Prov.</i> : 1♀ (ZMFUM), Soltaniyeh, 36°25'4.8"N 48°47'2.4"E, 16 May 2017 (L. Karami).	West Palaearctic
<i>Haplodrassus dalmatensis</i> (C. L. Koch, 1866)	<i>Hormozgan Prov.</i> : 1♂ (ZUTC), Hormuz Island, collected from the intertidal zone, January 2017 (S. Sharifi); <i>Kermanshab Prov.</i> : 1♂1♀ (ZUCT), Zarrin Joob Vil., April 2017 (M. Amiri); <i>Kordestan Prov.</i> : 1♀ (ZUTC), Marivan, May 2017 (A. Zamani); <i>Lorestan Prov.</i> : 1♀ (ZUTC), Pol-e Dokhtar, 10 km N of Velo, 2 April 2017 (A. Zamani).	West Palaearctic
<i>H. signifier</i> (C. L. Koch, 1839)	<i>Kermanshab Prov.</i> : 2♀ (ZUTC), Zarrin Joob Vil., April 2017 (M. Amiri); <i>Kordestan Prov.</i> : 1♀ (ZUTC), Kamyaran, Noshur-e Olya, 35°01'15"N 46°54'46"E, May 2017 (A. Zamani); <i>Lorestan Prov.</i> : 1♀ (ZUTC), Khorram Abad, Shurab Forest Park, 4 April 2017 (A. Zamani); 1♀ (ZUTC), Pol-e Dokhtar, 10 km N of Velo, 2 April 2017 (A. Zamani); <i>Zanjan Prov.</i> : 3♀ (ZMFUM), Abhar-Gheydar Rd., 1 km to Kinevars Vil., 36°08'2.4"N 49°04'1.2"E, 4 May 2017 (L. Karami); 1♀ (ZMFUM), Zanjan-Miyaneh Rd., 37°09'3.6"N 47°46'4.8"E, 21 April 2017 (L. Karami); 1♂2♀ (ZMFUM), Gheydar-Garmab Rd., 2 km to Ghashghaje Vil., 35°46'1.2"N 48°26'2.4"E, 20 April 2017 (L. Karami); 1♀ (ZMFUM), Gheydar-Garmab Rd., 2 km to Ghashghaje Vil., 35°46'1.2"N 48°26'2.4"E, 20 April 2017 (L. Karami); 1♂1♀ (ZMFUM), Mahneshan, Doozkan Vil., 36°31'1.2"N 47°52'1.2"E, 25 April 2017 (L. Karami); 2♂1♀ (ZMFUM), Zanjan-Tabriz Rd. Zanjan University, 36°40'4.8"N 48°24"E, 14 May 2017 (S. Lashkar); 2♂1♀ (ZMFUM), Zanjan University, 36°40'4.8"N 48°24"E, 22 April 2017 (L. Karami).	Holarctic
<i>Micaria albovittata</i> (Lucas, 1846)	<i>Kordestan Prov.</i> : 1♂1♀ (ZUTC), Kamyaran, Noshur-e Olya, 35°01'15"N 46°54'46"E, May 2017 (A. Zamani); 2♀ (ZUTC), Oramanat, May 2017 (A. Zamani); <i>Zanjan Prov.</i> : 1♀ (ZMFUM), Tarom, Shirin Soo Vil., 37°04'4.8"N 48°51'E, 28 May 2016 (L. Karami); 2♂ (ZMFUM), Gavazang, 36°43'4.8"N 48°31'1.2"E, 4 June 2016 (L. Karami); 1♀ (ZMFUM), Tarom, Vazaneh Sar Waterfall, 37°01'1.2"N 48°52'4.8"E, 5 May 2017 (L. Karami); 1♀ (ZMFUM), Tarom, Vazane Sar Vil., 37°01'1.2"N 48°53'2.4"E, 5 May 2017 (L. Karami).	Palaearctic
<i>Minosiella intermedia</i> Denis, 1958	<i>Sistan & Baluchistan Prov.</i> : 1♀ (ZUTC), Chabahar, November 2017 (A. Zamani).	Central Asia, Afghanistan and Iran (this is southernmost record in the whole known range)
<i>Nomisia conigera</i> (Spassky, 1941)	<i>Ardabil Prov.</i> : 1♀ (ZMFUM), Aghkand-Khalkak Rd., Karoo Vil., 37°24'3.6"N 48°07'4.8"E, 30 May 2017 (A. Abedini); <i>Kermanshab Prov.</i> : 1♀ (ZUTC), Zarrin Joob Vil., April 2017 (M. Amiri); <i>Kordestan Prov.</i> : 1♀ (ZUTC), Kamyaran, Noshur-e Olya, 35°01'15"N 46°54'46"E, May 2017 (A. Zamani); <i>Zanjan Prov.</i> : 1♀ (ZMFUM), Mahneshan (A. Abedini), 1♂ (ZMFUM), Soltanite, Shah Bolaghi (L. Karami), 1♀ (ZMFUM), Gavazang, 36°42'3.6"N 48°31'4.8"E, 4 June 2016 (L. Karami); 3♀ (ZMFUM), Abhar-Gheydar Rd., 1 km to Kinevars Vil., 36°08'2.4"N 49°04'1.2"E, 4 May 2017 (L. Karami); 1♀ (ZMFUM), Tarom, Vazanesat Waterfall, 37°01'1.2"N 48°52'4.8"E, 5 May 2017 (L. Karami); 1♀ (ZMFUM), Gheydar-Garmab, 2 km to Ghashghaje Vil., 35°46'1.2"E 48°26'2.4"E, 20 April 2017 (L. Karami); 1♀ (ZMFUM), Zanjan-Miyaneh Rd., 5 km to Pol-Dokhtar, 37°16'4.8"N 47°48"E, 30 May 2017 (L. Karami); 3♀ (ZMFUM), Gheydar, Alipanjeh, 36°06'3.6"N 48°34'4.8"E, 25 May 2017 (M. Zolfi).	Turkey to Tajikistan
<i>N. exornata</i> (C. L. Koch, 1839)	<i>Zanjan Prov.</i> : 1♀ (ZMFUM), Zanjan-Tabriz Rd., University of Zanjan, 36°40'4.8"N 48°24"E, 31 May 2016 (L. Karami); 1♀ (ZMFUM), Gheydar, 36°06'3.6"N 48°34'4.8"E, 25 May 2017 (L. Karami).	Europe to Central Asia
<i>N. ripariensis</i> (O. P.-Cambridge, 1872)	<i>Kermanshab Prov.</i> : 1♀ (ZUTC), Zarrin Joob Vil., April 2017 (M. Amiri).	Bulgaria to Iran
<i>Pterotricha pseudoparasitica</i> Nuruyeva & Huseynov, 2016	<i>Ardabil Prov.</i> : 1♀ (ZMFUM), Aghkand-Khalkak Rd., Karoo Vil., 37°24'3.6"N 48°07'4.8"E, 30 May 2017 (A. Abedini).	Azerbaijan, Iran
<i>Setaphis carmeli</i> (O. P.-Cambridge, 1872)	<i>Ilam Prov.</i> : 1♀ (AZMI), Shirvan, Chardavol, 2 May 2001 (F. Mozaffarian); <i>Lorestan Prov.</i> : 1♀ (ZUTC), Pol-e Dokhtar, Vali-e Asr Wetland, 4 April 2017 (A. Zamani).	Mediterranean
<i>Synaphosus shirin</i> Ovtsharenko, Levy & Platnick, 1994	<i>Kordestan Prov.</i> : 1♂ (ZUTC), Marivan, May 2017 (A. Zamani).	Iran and Cyprus
<i>Talanites fagei</i> Spassky, 1938	<i>Kordestan Prov.</i> : 1♂ (ZUTC), Marivan, May 2017 (A. Zamani).	Southern European Russia, from Caucasus to Tajikistan and south to Iran

<i>Trachyzelotes jaxartensis</i> (Kroneberg, 1875)	<i>Kermanshab Prov.</i> : 2♀ (ZUCT), Zarrin Joob Vil., April 2017 (M. Amiri); <i>Zanjan Prov.</i> : 1♂ 1♀ (ZMFUM), Gavazang, 36°43'4.8"N 48°31'1.2"E, 4 June 2016 (L. Karami); 1♀ (ZMFUM), Zanjan-Tabriz Rd., Zanjan University, 36°40'4.8"N 48°24'E, 5 May 2017 (L. Karami).	Northern Africa to Central Asia.
<i>T. manytchensis</i> Ponomarev & Tsvetkov, 2006	<i>Kermanshab Prov.</i> : 1♂ (ZUCT), Zarrin Joob Vil., April 2017 (M. Amiri).	Northern Caucasus, Western Kazakhstan, and Central Iran
<i>Zelotes longipes</i> (C. L. Koch, 1866)	<i>Zanjan Prov.</i> : 1♀ (ZMFUM), Fajr, 36°41'2.4"N 48°29'2.4"E, 11 June 2016 (L. Karami); 1♀ (ZMFUM), Zanjan-Miyane Rd., 37°07'4.8"N 47°50'2.4"E, 15 April 2017 (L. Karami); 1♀ (ZMFUM), Gheydar-Garmab Rd., 2 km to Ghashghaje Vil., 35°46'1.2"N 48°26'2.4"E, 20 April 2017 (L. Karami); 1♀ (ZMFUM), Soltaniyeh, 36°25'4.8"N 48°46'4.8"E, 16 May 2017 (L. Karami).	Palearctic
<i>Z. scrutatus</i> (O. P.-Cambridge, 1872)	<i>Kordestan Prov.</i> : 1♂ (ZUCT), Marivan, May 2017 (A. Zamani).	Canary Islands, and from Africa to Central Asia
Hersiliidae Thorell, 1870		
<i>Hersiliola turcica</i> Marusik, Kunt & Yağmur, 2010	<i>Kermanshab Prov.</i> : 1♀ (ZUCT), Zarrin Joob Vil., April 2017 (M. Amiri).	Turkey and Iran (this is the southernmost record in the whole known range)
Linyphiidae Blackwall, 1859		
<i>Megalepthyphantes pseudocollinus</i> Saaristo, 1997	<i>Tebran Prov.</i> : 1♂ (ZUCT), Darakeh (A. Zamani).	Europe to Iran
Lycosidae Sundevall, 1833		
<i>Alopecosa albofasciata</i> (Brullé, 1832)	<i>Izhaban Prov.</i> : 1♂ (ZUCT), Kashan (P. Ponel); <i>Kordestan Prov.</i> : 1♀ (ZUCT), Marivan, May 2017 (A. Zamani); <i>Zanjan Prov.</i> : 1♀ (ZMFUM), Zanjan Mellat Park, 36°39'N 48°03'E, 15 May 2016 (L. Karami); 3♀ (ZMFUM), Mahneshan, 36°48'03"N 48°12'83"E (L. Karami); 1♀ (ZMFUM), Soltaniyeh, Shah Bolaghi (A. Abedini); 4♂ 1♀ (ZMFUM), Tarom, Sheet Vil., 36°16'1.2"N 48°43'1.2"E, 31 October 2016 (L. Karami); 1♂ 1♀ (ZMFUM), Zanjan-Miyaneh Rd., 37°07'4.8"N 47°50'2.4"E, 15 April 2017 (L. Karami); 1♀ (ZMFUM), Tarom, Vazaneh Sar Vil., 36°08'2.4"N 49°11'2.4"E, 5 May 2017 (L. Karami); 1♀ (ZMFUM), Tarom, Vazane Sar Waterfall, 5 May 2017 (L. Karami); 1♂ (ZMFUM), Abhar-Gheydar Rd., 36°07'4.8"N 49°04'2"E, 20 April 2017 (L. Karami); 1♀ (ZMFUM), Gheydar, 36°06'6"N 48°34'8"E, 25 May 2017 (L. Karami); 1♀ (ZMFUM), Heidaj, 3 May 2017 (L. Karami).	Mediterranean to Central Asia
<i>A. pulverulenta</i> (Clerck, 1757)	<i>Zanjan Prov.</i> : 1♂ (ZMFUM), Zanjan-Tabriz Rd., Zanjan University, 36°40'8"N 48°24'E, 14 May 2017 (L. Karami); 1♂ (ZMFUM), Mahneshan, Gheslajoogh Vil., 36°35'4"N 47°34'8"E, 25 April 2017 (L. Karami).	Palearctic
<i>Arctosa cinerea</i> (Fabricius, 1777)	<i>Zanjan Prov.</i> : 1♀ (ZMFUM), Mahneshan, 36°35'85"N 47°35'59"E (L. Karami).	Palearctic
<i>A. leopardus</i> (Sundevall, 1833)	<i>Kermanshab Prov.</i> : 2♀ (ZUCT), Baba Eskandar, July 2017 (M. Amiri); <i>Zanjan Prov.</i> : 1♀ (ZMFUM), Zanjan-Dandy Rd., 36°33.09'N 48°04.50'E, 7 July 2017 (L. Karami).	Western and Central Palearctic
<i>A. tbilisiensis</i> Mccheidze, 1947	<i>Kermanshab Prov.</i> : 3♂ 3♀ (ZUCT), Baba Eskandar, July 2017 (M. Amiri); <i>Kordestan Prov.</i> : 1♀ (ZUCT), Sanandaj-Kamyaran Rd., Sou Vil., May 2017 (A. Zamani); 1♂ (ZUCT), Marivan, May 2017 (A. Zamani); <i>Zanjan Prov.</i> : 1♀ (ZMFUM), Soltaniyeh, Shah Bolaghi, 35°59'86"N 48°27'43"E, (L. Karami); 2♀ (ZMFUM), Tarom, Shirin Soo Vil., 37°04'1.2"N 48°50'2.4"E, 28 May 2016 (L. Karami); 1♀ (ZMFUM), Zanjan-Tabriz Rd., 36°48'3.6"N 48°12'E, 3 May 2017 (L. Karami).	Eastern Mediterranean to Iran
<i>Aulonia kratochvili</i> Dunin, Buchar & Absolon, 1986	<i>Kermanshab Prov.</i> : 2♀ (ZUCT), Baba Eskandar, July 2017 (M. Amiri); <i>Kordestan Prov.</i> : 1♂ 3♀ (ZUCT), Sanandaj-Kamyaran Rd., Sou Vil., May 2017 (A. Zamani); <i>Zanjan Prov.</i> : 1♂ (ZMFUM), Zanjan-Tabriz Rd., University of Zanjan, 36°40'4.8"N 48°24'E, 27 April 2017 (L. Karami).	Western Palearctic
<i>Erippa fortis</i> Roewer, 1955	<i>Sistan & Baluchistan Prov.</i> : 1♀ (ZUCT), Sarbaz, November 2017 (A. Zamani).	Iran and the UAE (this is the easternmost record in the whole known range)

<i>Hippasa loeffleri</i> (Roewer, 1955)	<i>Kermanshab Prov.</i> : 5♀ (ZUCT), Baba Eskandar, July 2017 (M. Amiri).	Iran
<i>Pardosa aenigmatica</i> Tongiorgi, 1966	<i>Alborz Prov.</i> : 4♂ (AZMI), Karaj, 1 May 2001 (F. Mozaffarian); <i>Kermanshab Prov.</i> : 1♂ 1♀ (ZUCT), Baba Eskandar, July 2017 (M. Amiri).	Italy to Iran
<i>P. buchari</i> Ovtsharenko, 1979	<i>Zanjan Prov.</i> : 1♀ (ZMFUM), Zanjan-Dandy Rd., 36°33'09"N 48°04'50"E, 7 July 2017 (L. Karami).	Southern Ukraine, Caucasus, Iran
<i>P. bortensis</i> (Thorell, 1872)	<i>Zanjan Prov.</i> : 1♀ (ZMFUM), Zanjan-Miyaneh Rd., 5 km to Pol-Dokhtar, 37°16'4.8"N 47°48"E, 30 April 2017 (L. Karami).	Palearctic
<i>P. italicica</i> Tongiorgi, 1966	<i>Kermanshab Prov.</i> : 1♀ (ZUCT), Baba Eskandar, July 2017 (M. Amiri); <i>Zanjan Prov.</i> : 1♀ (ZMFUM), Zanjan-Miyaneh Rd., 37°09'6"N 47°46'8"E, 21 April 2017 (L. Karami).	Southern Europe to China
<i>P. pontica</i> (Thorell, 1875)	<i>Zanjan Prov.</i> : 1♀ (ZMFUM), Zanjan Mellat Park, 36°39'N 48°03"E, 15 May 2016 (L. Karami); 1♀ (ZMFUM), Khorramdareh, 5 km to Sookahriz Rd., 36°10'4.8"N 49°09'6"E, 1 September 2017 (L. Karami).	Eastern Europe to Central Asia
<i>P. roscae</i> (Roewer, 1951)	<i>Kermanshab Prov.</i> : 3♀ (ZUCT), Baba Eskandar, July 2017 (M. Amiri).	Bulgaria, Romania, Turkey and Iran
<i>P. tatarica</i> (Thorell, 1875)	<i>Tehran Prov.</i> : 1♀ (AZMI), Jajrood, 18 December 2001 (F. Mozaffarian); 1♀ (ZUCT), Jannat Abad, April 2015 (A. Zamani); <i>Zanjan Prov.</i> : 1♀ (ZMFUM), Tarom, Sheet Vil., 36°58'1.2"N 48°43'1.2"E, 29 October 2016 (L. Karami); 1♀ (ZMFUM), Zanjan-Khalkhal Rd., Sarcham, 37°07'8"N 47°55'8"E, 7 May 2017 (L. Karami).	Southern Europe to Iran
<i>Piratula latitans</i> (Blackwall, 1841)	<i>Zanjan Prov.</i> : 1♀ (ZMFUM), Tarom, Shirin Soo Vil., 37°04'4.8"N 48°51"E, 28 May 2016 (L. Karami).	Europe to Iran
<i>Trochosa altera</i> (Roewer, 1955)	<i>Kordestan Prov.</i> : 1♀ (ZUCT), Sanandaj-Kamyaran Rd., Sou Vil., May 2017 (A. Zamani).	Iran
<i>T. hispanica</i> Simon, 1870	<i>Zanjan Prov.</i> : 2♀ (ZMFUM), Mahneshan, 36°35'85"N 47°35'59"E (L. Karami).	Mediterranean to Tajikistan
<i>T. robusta</i> (Simon, 1876)	<i>Zanjan Prov.</i> : 2♀ (ZMFUM), Mahneshan, 36°48'03"N 48°12'83"E (L. Karami).	Palearctic
<i>T. terricola</i> Thorell, 1856	<i>Alborz Prov.</i> : 1♂ (AZMI), Karaj, Mehrshahr, pome orchard, 22 November 1996 (F. Mozaffarian); <i>Mazandaran Prov.</i> : 9♂ 1♀ (ZUCT), 20 Km N Chalus (D. Kasatkin).	Holarctic
<i>Wadicosa fidelis</i> (O. P.-Cambridge, 1872)	<i>Kermanshab Prov.</i> : 1♂ 2♀ (ZUCT), Baba Eskandar, July 2017 (M. Amiri).	Macaronesia, North Africa, Southern Europe, Caucasus, Near East, Central Asia, China and Japan.
Miturgidae Simon, 1886		
<i>Prochora lycoiformis</i> (O. P.-Cambridge, 1872)	<i>Kermanshab Prov.</i> : 1♀ (ZUCT), Zarrin Joob Vil., April 2017 (M. Amiri)	Italy, Israel and Iran
Oecobiidae Blackwall, 1862		
<i>Oecobius nadiae</i> (Spassky, 1936)	<i>Zanjan Prov.</i> : 1♂ (ZMFUM), Fajr, 14 July 2016 (L. Karami).	Azerbaijan to Sichuan
Oxyopidae Thorell, 1870		
<i>Oxyopes globifer</i> Simon, 1876	<i>Kermanshab Prov.</i> : 1♀ (ZUCT), Zarrin Joob Vil., April 2017 (M. Amiri).	Mediterranean to Central Asia
Palpimanidae Thorell, 187		
<i>Palpimanus sogdianus</i> Charitonov, 1946	<i>Kermanshab Prov.</i> : 3♀ (ZUCT), Zarrin Joob Vil., April 2017 (M. Amiri).	Turkey to Central Asia
Philodromidae Thorell, 1870		
<i>Thanatus arenarius</i> C. L. Koch, 1872	<i>Kordestan Prov.</i> : 1♀ (ZUCT), Kamyaran, Noshur-e Olya, 35°01'15"N 46°54'46"E, May 2017 (A. Zamani).	Western Palearctic
<i>T. atratus</i> Simon, 1875	<i>Zanjan Prov.</i> : 1♂ (ZMFUM), Zanjan Eram Park, 36°40'1.2"N 48°26'2.4"E, 14 July 2016 (L. Karami).	Palearctic
<i>T. fabricii</i> (Audouin, 1826)	<i>Kermanshab Prov.</i> : 1♂ 3♀ (ZUCT), Zarrin Joob Vil., April 2017 (M. Amiri).	Canary Is. To Central Asia
<i>T. imbecillus</i> L. Koch, 1878	<i>Isfahan Prov.</i> : 2♂ (ZUCT), Kashan (P. Ponel); <i>Lorestan Prov.</i> : 1♂ 1♀ (ZUCT), Khorram Abad, Shurab Forest Park, 4 April 2017 (A. Zamani); <i>Tehran Prov.</i> : 1♂ 1♀ (ZUCT), Latmal-e Kan, April 2015 (A. Zamani).	Macedonia to Central Asia
<i>T. lesserti</i> (Roewer, 1951)	<i>Kermanshab Prov.</i> : 1♂ 1♀ (ZUCT), Zarrin Joob Vil., April 2017 (M. Amiri).	Egypt to Iran
<i>T. vulgaris</i> Simon, 1870	<i>Kermanshab Prov.</i> : 1♀ (ZUCT), Zarrin Joob Vil., April 2017 (M. Amiri); <i>Zanjan Prov.</i> : 1♀ (ZMFUM), Zanjan Eram Park, 14 July 2016 (L. Karami).	Holarctic

Pholcidae C. L. Koch, 1850		
<i>Artema doriae</i> (Thorell, 1881)	<i>Zanjan</i> Prov.: 1♂ (ZMFUM), Zanjan-Tabriz Rd., Zanjan University, 36°40'4.8"N 48°24"E, 29 June 2016 (L. Karami); 1♂ (ZMFUM), Zanjan-Khalkhal Rd., Sarcham, 37°07'4.8"N 47°55'4.8"E, 10 May 2017 (L. Karami).	Israel and eastern Turkey to Afghanistan
Pisauridae Simon, 1890		
<i>Pisaura mirabilis</i> (Clerck, 1757)	<i>Zanjan</i> Prov.: 1♂ (ZMFUM), Zanjan-Tabriz Rd., Zanjan University, 36°40'4.8"N 48°24"E, 21 May 2017 (L. Karami).	Mediterranean to Central Asia
Salticidae Blackwall, 1841		
<i>Ballus chalybeius</i> (Walckenaer, 1802)	<i>Kordestan</i> Prov.: 1♂ (ZUCT), Sanandaj-Kamyaran Rd., Sou Vil., May 2017 (A. Zamani).	Europe, North Africa to Central Asia
<i>Bianor albobimaculatus</i> (Lucas, 1846)	<i>Kermanshab</i> Prov.: 1♀ (ZUCT), Baba Eskandar, July 2017 (M. Amiri).	Africa, Mediterranean to Russia, Central Asia and India
<i>Cyrba algerina</i> (Lucas, 1846)	<i>Isfahan</i> Prov.: 1♂ (ZUCT), Kashan (P. Ponel).	West Mediterranean to Tajikistan
<i>C. oevelata</i> (Kroneberg, 1875)	<i>Sistan & Baluchistan</i> Prov.: 1♀ (ZUCT), Chabahar, November 2017 (A. Zamani); <i>Zanjan</i> Prov.: 1♀ (ZMFUM), Zanjan-Bijar Rd., Ogholbeky Vil., 19 May 2017 (L. Karami).	Eastern Africa to India and Indonesia
<i>Heliophanus curvidens</i> (O. P.-Cambridge, 1872)	<i>Isfahan</i> Prov.: 1♂ (ZUCT), Kashan (P. Ponel).	Israel to China
<i>H. edentulus</i> Simon, 1871	<i>Ilam</i> Province: 1♂ (AZMI), Shirvan, Chardavol, 2 May 2001 (F. Mozaffarian); <i>Kermanshab</i> Prov.: 1♀ (ZUCT), Baba Eskandar, July 2017 (M. Amiri).	Mediterranean to Iran
<i>H. equester</i> C. L. Koch, 1867	<i>Kordestan</i> Prov.: 1♂ (ZUCT), Sanandaj-Kamyaran Rd., Sou Vil., May 2017 (A. Zamani).	Italy to Iran
<i>H. mordax</i> (O. P.-Cambridge, 1872)	<i>Kermanshab</i> Prov.: 2♂ (ZUCT), Zarrin Joob Vil., April 2017 (M. Amiri); <i>Kordestan</i> Prov.: 1♂ 1♀ (ZUCT), Oramanat, May 2017 (A. Zamani); <i>Zanjan</i> Prov.: 1♀ (ZMFUM), Gheydar Alipanje, 36°06'3.6"N 48°34'4.8"E, 25 May 2017 (L. Karami).	Greece to Central Asia
<i>Langona tartarica</i> (Charitonov, 1946)	<i>Kordestan</i> Prov.: 1♂ 1♀ (ZUCT), Sanandaj-Kamyaran Rd., Sou Vil., May 2017 (A. Zamani).	Yemen to China
<i>Mogrus neglectus</i> (Simon, 1868)	<i>Zanjan</i> Prov.: 1♀ (ZMFUM), Zanjan-Khalkhal Rd., Sarcham, 37°07'4.8"N 47°55'4.8"E, 7 May 2017 (L. Karami).	Greece, Macedonia, Turkey, Cyprus, Israel, Iran, Azerbaijan, Kazakhstan
<i>Phlegra bresnieri</i> (Lucas, 1846)	<i>Isfahan</i> Prov.: 1♂ (ZUCT), Kashan (P. Ponel); <i>Zanjan</i> Prov.: 1♀ (ZMFUM), Abhar-Gheydar Rd. 1 km to Kinehvars Vil., 36°08'2.4"N 49°04'1.2"E, 4 May 2017 (L. Karami); 1♂ (ZMFUM), Tarom Vazane Sar Vil., 37°01'1.2"N 48°53'2.4"E, 5 May 2017 (L. Karami).	Western Europe to Iran, Africa
<i>Philaenus chrysops</i> (Poda, 1761)	<i>Zanjan</i> Prov.: 1♀ (ZMFUM), Tarom, Vazanejhsar Vil., 37°01'1.2"N 48°53'2.4"E, 5 May 2017 (L. Karami); 1♂ (ZMFUM), Gheydar, 36°06'3.6"N 48°34'4.8"E, 25 May 2017 (L. Karami); 2♀ 2♂ (ZMFUM), Gheydar, Alipanje, 36°06'3.6"N 48°34'4.8"E, 25 May 2017 (L. Karami).	Europe, North Africa to Near East, Turkey, Caucasus, Russia to Central Asia, Iran, Afghanistan, China, Mongolia, Korea
<i>Plexippoides flavesiens</i> (O. P.-Cambridge, 1872)	<i>Hormozgan</i> Prov.: 1♂ (ZUCT), Parsian, 28 January 2016 (A. Zamani); <i>Kermanshab</i> Prov.: 1♂ (ZUCT), Zarrin Joob Vil., April 2017 (M. Amiri); <i>Zanjan</i> Prov.: 1♀ (ZMFUM), Zanjan-Miyaneh Rd., 37°16'4.8"N 47°48'E, 30 April 2017 (L. Karami).	Greece to Central Asia, Sudan
<i>P. gestroi</i> (Dalmas, 1920)	<i>Kermanshab</i> Prov.: 1♂ 1♀ (ZUCT), Zarrin Joob Vil., April 2017 (M. Amiri); <i>Tehran</i> Prov.: 1♂ (ZUCT), Park-e Pardisan, October 2017 (A. Zamani).	Eastern Mediterranean (this is the easternmost record (Tehran) in the whole known range)
<i>Salticus tricinctus</i> (C. L. Koch, 1846)	<i>Lorestan</i> Prov.: 1♂ (ZUCT), Khorram Abad, Shurab Forest Park, 4 April 2017 (A. Zamani); <i>Lorestan</i> Prov.: 1♀ (ZUCT), 10 km N of Pa-alam Vil., 1 April 2017 (A. Zamani).	Israel to Central Asia
<i>Talavera aequipes</i> (O. P.-Cambridge, 1872)	<i>Kermanshab</i> Prov.: 2♀ (ZUCT), Zarrin Joob Vil., April 2017 (M. Amiri).	Palearctic
<i>Thyene imperialis</i> (Rossi, 1846)	<i>Hormozgan</i> Prov.: 1♂ (ZUCT), Bandar Abbas airport, March 2014 (R. Abdollahi); <i>Kermanshab</i> Prov.: 1♂ (ZUCT), Zarrin Joob Vil., April 2017 (M. Amiri).	Old World

Sparassidae Bertkau, 1872		
<i>Eusparassus mesopotamicus</i> Moradmand & Jäger, 2012	<i>Kordestan Prov.</i> : 1♀ (ZUCT), Marivan, May 2017 (A. Zamani); <i>West Azərbaycan Prov.</i> : 1♀ (ZUCT), Piranshahr, 36°41'N, 45°8'E, May 2015 (D. Kasatkin).	Iran and Iraq, Turkey (?).
Theridiidae Sundevall, 1833		
<i>Enoplognatha macrochelis</i> Levy & Amitai, 1981	<i>Ilam Prov.</i> : 3♀ (ZUCT), Kabirkuh, March 2015; <i>Kermanshab Prov.</i> : 1♂ (ZUCT), Zarrin Joob Vil., April 2017 (M. Amiri); <i>Lorestan Prov.</i> : 2♀ (ZUCT), Pol-e Dokhtar, 10 km N of Velo, 2 April 2017 (A. Zamani).	Macedonia to Iran
<i>Kochiura aulica</i> (C. L. Koch, 1838)	<i>Kordestan Prov.</i> : 1♀ (ZUCT), Marivan, Zarivar Lake, May 2017 (A. Zamani).	Europe to Iran
<i>Steatoda albomaculata</i> (De Geer, 1778)	<i>Kermanshab Prov.</i> : 1♀ (ZUCT), Zarrin Joob Vil., April 2017 (M. Amiri).	Holarctic
<i>S. dahli</i> (Nosek, 1905)	<i>Kordestan Prov.</i> : 1♀ (ZUCT), Marivan, May 2017 (A. Zamani); <i>Zanjan Prov.</i> : 1♀ (ZMFUM), Gavazang, 36°42'3.6"N 48°31'4.8"E, 4 June 2016 (L. Karami); 1♂ (ZMFUM), Zanjan-Miyaneh Rd., 37°09'3.6"N 47°46'4.8"E, 21 April 2017 (L. Karami).	Turkey to Kyrgyzstan
<i>S. paykulliana</i> (Walckenaer, 1805)	<i>Kermanshab Prov.</i> : 2♀ (ZUCT), Zarrin Joob Vil., April 2017 (M. Amiri); <i>Lorestan Prov.</i> : 1♀ (ZUCT), Pol-e Dokhtar, 10 km N of Velo, 2 April 2017 (A. Zamani); <i>Zanjan Prov.</i> : 1♂ (ZMFUM), Soltaniyeh Shah Bolaghi, 35°59'86"N 48°27'43"E, (L. Karami); 4♀ (ZMFUM), Tarom, Shilandar Vil., 36°49'1.2"N 48°41'2.4"E, 9 September 2016 (L. Karami); 4♀ (ZMFUM), Tarom, Sheet Vil., 36°58'1.2"N 48°43'1.2"E, 31 October 2016 (L. Karami); 1♂ 1♀ (ZMFUM), Abhar-Gheydar Rd., 36°07'4.8"N 49°04'1.2"E, 20 April 2017 (L. Karami); 2♀ (ZMFUM), Zanjan-Tabriz Rd., Zanjan University, 36°40'4.8"N 48°24'E, 14 May 2017 (L. Karami); 2♀ (ZMFUM), Zanjan-Tabriz Rd., Zanjan University, 36°40'4.8"N 48°24'E, 27 April 2017 (L. Karami); 1♀ (ZMFUM), Abhar-Gheydar Rd., 1 km to Kinevars Vil., 36°08'2.4"N 49°04'1.2"E, 4 April 2017 (L. Karami).	West Palaearctic
<i>S. triangulosa</i> (Walckenaer, 1802)	<i>Zanjan Prov.</i> : 1♂ (ZMFUM), Fajr, 36°41'2.4"N 48°29'2.4"E, 22 July 2016 (L. Karami).	Europe to Iran, Introduced to Canada, USA, Canary Is.
<i>Theridion melanurum</i> Hahn, 1831	<i>West Azərbaycan Prov.</i> : 1♂ (AZMI), pome orchard, 15 May 1998 (A. Khalil Aria).	Europe to Siberia, Macaronesia, North Africa and Middle East
Thomisidae Sundevall, 1833		
<i>Ozyptila tricoloripes</i> Strand, 1913	<i>Hamedan Prov.</i> : 1♀ (ZUCT), Malayer, nr. Dashtabad, April 2015; <i>Zanjan Prov.</i> : 2♀ (ZMFUM), Tarom, Vananehsar Vil., 5 May 2017 (L. Karami).	Turkey, Israel, Iran, Azerbaijan, Turkmenistan, Kazakhstan
<i>Xysticus cf. kasznakovi</i> Utochkin, 1968	<i>Zanjan Prov.</i> : 1♀ (ZMFUM), Zanjan-Miyaneh Rd., 21 April 2017 (L. Karami).	Macedonia, Azerbaijan to Tajikistan
<i>X. kempeleni</i> Thorell, 1872	<i>Zanjan Prov.</i> : 1♂ (ZMFUM), Mahneshan, Gheshlajogoh Vil., 36°35'2.4"N 47°34'4.8"E, 25 April 2017 (L. Karami).	Europe to Uzbekistan
<i>X. kochi</i> Thorell, 1872	<i>Zanjan Prov.</i> : 1♂ (ZMFUM), Zanjan-Tabriz Rd., Zanjan University, 36°40'4.8"N 48°24'E, 16 May 2017 (L. Karami).	Europe to Turkmenistan
<i>X. loeffleri</i> Roewer, 1955	<i>West Azərbaycan Prov.</i> : 1♂ 1♀ (ZUCT), Piranshahr (D. Kasatkin); <i>Zanjan Province</i> : 1♀ (ZMFUM), Zanjan-Tabriz Rd. University of Zanjan, 24 April 2017 (L. Karami).	Greece, Turkey, Iran, Central Asia
<i>X. ninnii fusciventris</i> Crome, 1965	<i>Zanjan Prov.</i> : 1♀ (ZMFUM), Gheydar, Alipanjeh, 36°06'3.6"N 48°34'4.8"E, 25 May 2017 (L. Karami), 1♀ (ZMFUM), Zanjan-Tabriz Rd., Zanjan University, 36°40'4.8"N 48°24'E, 17 June 2017 (L. Karami); 1♀ (ZMFUM), Abhar-Gheydar Rd., 47 km to Gheydar, 36°07'4.8"N 49°04'1.2"E, 20 April 2017 (L. Karami), 1♂ (ZMFUM), Zanjan-Dandy Rd., 36°33'09"N 48°04'50"E, 7 July 2017 (L. Karami).	Switzerland to Mongolia
<i>X. tristrami</i> (O. P.-Cambridge, 1872)	<i>Kordestan Prov.</i> : 1♀ (ZUCT), Marivan, May 2017 (A. Zamani); <i>Zanjan Prov.</i> : 1♀ (ZMFUM), Gavazang, 36°42'3.6"N 48°31'4.8"E, 28 May 2016 (L. Karami).	Israel to Central Asia
Titanoecidae Lehtinen, 1967		
<i>Nurscia albomaculata</i> (Lucas, 1846)	<i>Kermanshab Prov.</i> : 1♂ 1♀ (ZUCT), Zarrin Joob Vil., April 2017 (M. Amiri)	Europe, Turkey, Egypt to Central Asia
Zodariidae Thorell, 1881		
<i>Parazodarion raddei</i> (Simon, 1889)	<i>Alborz Prov.</i> : 1♂ (ZUCT), Eshtehard, November 2017 (A. Zamani); <i>Zanjan Prov.</i> : 1♂ (ZMFUM), Mahneshan, Pari, 36°52'1.2"N 47°24'3.6"E, 25 April 2017 (L. Karami).	Western Iran to Tajikistan, south to Baluchistan in Pakistan

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