

## Faunistic review of the jumping spiders of Iran (Aranei: Salticidae)

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(Aranei: Salticidae)D.V. Logunov\*, Yu.M. Marusik\*\* & F. Mozaffarian\*\*\*  
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КЛЮЧЕВЫЕ СЛОВА: Salticidae, Иран, аннотированный список, новый вид.

ABSTRACT: The paper presents an annotated checklist of the Salticidae of Iran amounting to 67 species from 35 genera. Forty-two species are reported for the Iranian fauna for the first time. *Chalcoscirtus* (s.str.) *hosseini* sp.n. (♂) is described as a new to science. Literature records of two species: *Salticus cingulatus* (Panzer, 1797) and *Sibianor aurocinctus* (Ohlert, 1865) need confirmation. Twelve species are unknown outside of Iran.

РЕЗЮМЕ: Работа представляет собой аннотированный список видов Salticidae Ирана, насчитывающий 67 видов из 34 родов. Сорок два вида отмечаются впервые для иранской фауны. Дано иллюстрированное описание самца *Chalcoscirtus* (s.str.) *hosseini* sp.n. Находки двух видов, сделанные по литературным данным, *Salticus cingulatus* (Panzer, 1797) и *Sibianor aurocinctus* (Ohlert, 1865), требуют подтверждения. Двенадцать видов не отмечены за пределами Ирана.

## Introduction

Until recently, the spider fauna of Iran has been rather poorly known. A checklist of this region reported only 139 species belonging to 25 families [Mozaffarian & Marusik, 2001]. During spring–summer 2000, the two latter authors had an opportunity to undertake a joint expedition to the Fars, Tehran and Mazandaran Provinces of Iran. During this trip, as well as during an examination of the spiders collected by Iranian students from agricultural fields in 90<sup>th</sup>, rather many species new to Iran were found. Among these, the jumping spiders were most abundant.

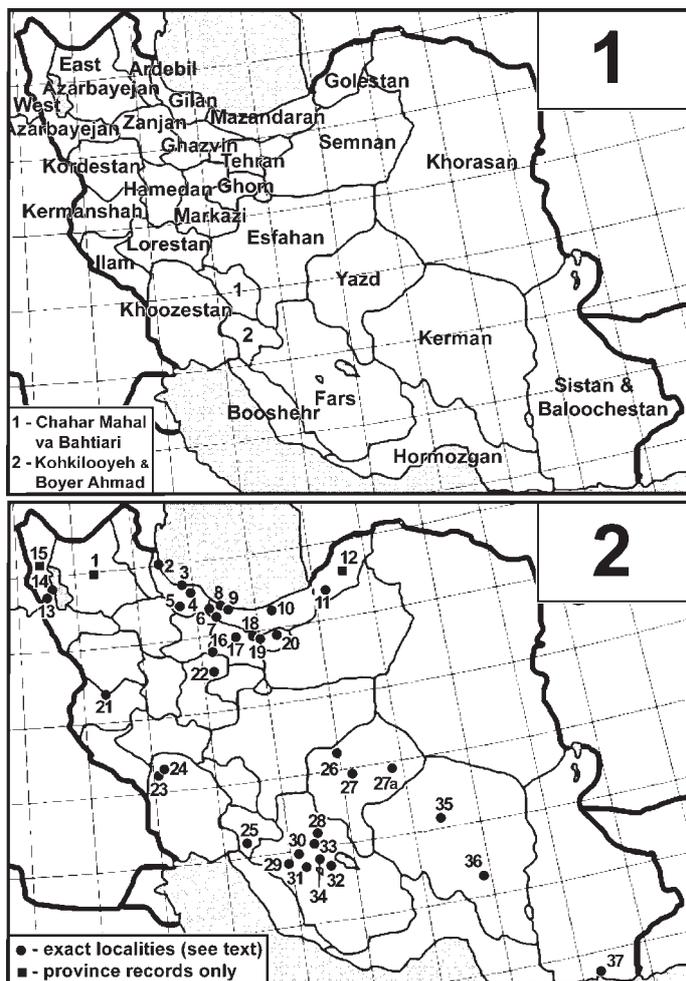
According to literature data [Roewer, 1955; Wesołowska, 1986; Prószyński, 1966, 1992; Logunov & Marusik, 1998, 2000a; Logunov, 1999, 2001a,b; Mozaffarian & Marusik, 2001], 23 salticid species were hitherto recorded from the Iran fauna, of which at least 2 records (*Salticus cingulatus* and *Sibianor aurocinctus*) need confirmation (see below). The purpose of the present work is to combine both new and literature-derived data and to provide an updated checklist of the Iranian Salticidae.

Specimens for this study were borrowed from and/or deposited in the following museum collections:

CBSU — Center of Biology of Shiraz University (Dr. Sh. Hosseini); ISEA — Siberian Zoological Museum, Institute for Systematics and Ecology of Animals, Novosibirsk, Russia (Ms G. N. Azarkina & Dr. D. V. Logunov); MMUM — The Manchester Museum, The University of Manchester, Manchester, UK (Dr. D. V. Logunov); SMNH — Swedish Museum of Natural History, Stockholm, Sweden (Dr. T. Kronstedt); PPDR — Department of Agricultural Zoology, Plant Pests and Diseases Research Institute, Tehran, Iran (Mrs F. Mozaffarian); PSUN — Department of Zoology of the Perm State University, Perm, Russia (Dr. S. L. Eshyunin); SMFM — Forschungsinstitut und Naturmuseum Senckenberg, Frankfurt am Main, Germany (Dr. M. Grasshoff); ZMTU — the Zoological Museum of the University of Turku, Turku, Finland (Dr. M. I. Saaristo).

The bulk of the material treated in this paper was collected by the second author, whose name is abbreviated in the label data as YM.

In the text, we used “Azarbayejan” to refer to provinces in Iran, while “Azerbaijan” refers to a separate country (the former republic of the USSR) lying in the East Caucasus. All provinces of Iran are shown in Map 1. In the text, each locality is followed by a number in square brackets ([ ]) which refers to the numbers in Map 2.



Maps 1–2. Localities of the Salticidae in Iran (both original and literature data). 1 — East Azarbayejan Province (Arasbaran Reserve); 2 — Talesh; 3 — Bandar Anzali (Talab); 4 — Rasht; 5 — Roodbar; 6 — Karesang; 7 — Barseh Vil., Javaher Deh Vil.; 8 — Ramsar; 9 — Tonekabon, Tooben, Nashtarood-Khoshkedar; 10 — Amol; 11 — Gorgan; 12 — Golestan Province (no exact locality); 13 — Orumiyeh; 14 — Tala tapeh; 15 — West Azarbayejan Province (no exact locality); 16 — Karaj, Mehr Shahr; 17 — Tehran, Tochal Mt.; 18 — Latian Dam; 19 — Jajrood, Ab-Ali; 20 — Aroo Vil. (Damavand); 21 — Kermanshah; 22 — Saveh, Yal abad; 23 — Shoosh; 24 — Safiabad-Dezful; 25 — Gach Saran; 26 — Meibod; 27 — Yazd, Mehriz; 27a — Bafgh; 28 — Shiraz-Esfahan Hwy; 29 — Dasht-e-Arjan, Gharen-Aghaj River; 30 — Haftbarm; 31 — Shiraz, Barm-e-peere-e-Gheibi, Kaftarak Road; 32 — Barm-e-shoor, Maharloo Lake; 33 — Band-e-Amir; 34 — Zarghan, Bagh-e-Bash, Bamoo Reserve; 35 — Kerman; 36 — Sabzvaran (Jiroft); 37 — Chabahar.

## An annotated list of species

### *Aelurillus concolor* Kulczyński, 1901

*A. iranus*: Prószyński, 1966: 464–467, f. 1–7 (♂).

*A. concolor*: Wesolowska, 1996: 21, f. 2A–C, 3A–C (♂♀).

COMMENTS. This species has been reported once from SE Iran (Sabzvaran [36]) by Roewer [1955: sub *Hemsenattus iranus*].

### *Aelurillus* sp. 1

COMMENTS. This is a new species to be described separately by Azarkina [in press, a]. The species was collected from Fars Prov. (Shiraz [31], Maharloo Lake [32], Haftbarm [30] and Ghareh-Aghach River [30]) and Tehran Prov. (Tehran [17]).

### *Aelurillus* sp. 2

COMMENTS. This is a new species to be described separately by Azarkina [in press, a]. The species was collected from Fars Prov. (Maharloo Lake [32]) only.

### *Ballus depressus* (Walckenaer, 1802)

*B. depressus*: Tullgren, 1944: 32, pl. 2, f. 39–40, pl. 3, f. 41 (♂♀).

*B. chalybeius*: Roberts, 1995: 193, f. (♂♀).

*B. chalybeius*: Metzner, 1999: 40, f. 6a–g (♂♀).

Material. IRAN: 1 ♀ (PPDRI), Mazandaran Prov., Nashtarood-Khoshkadar (36°45'N, 51°20'E) [9], 9–10.2000, YM; 1 ♂ (PPDRI, 748), W. Azarbayejan, Orumiyeh [13], apple orchard, 15.05.1998, A. Khalil Aria; 1 ♂ (PPDRI, 755), W. Azarbayejan, locality (?) [15], apple orchard, date (?), A. Khalil Aria; 1 ♀ (MMUM), Tehran, Plant Pests and Diseases Research Institute park (36°40'N, 51°25'E) [17], 7–22.06.2000, YM; 1 ♀ (MMUM), Tehran Prov., Latian Dam (35°48'N, 51°08'E) [18], 6–19.06.2000, YM; 1 ♂ (MMUM), Markazi Prov., Saveh, Yal abad [22], pomegranate orchard, 25.5.1998, F. Mozaffarian.

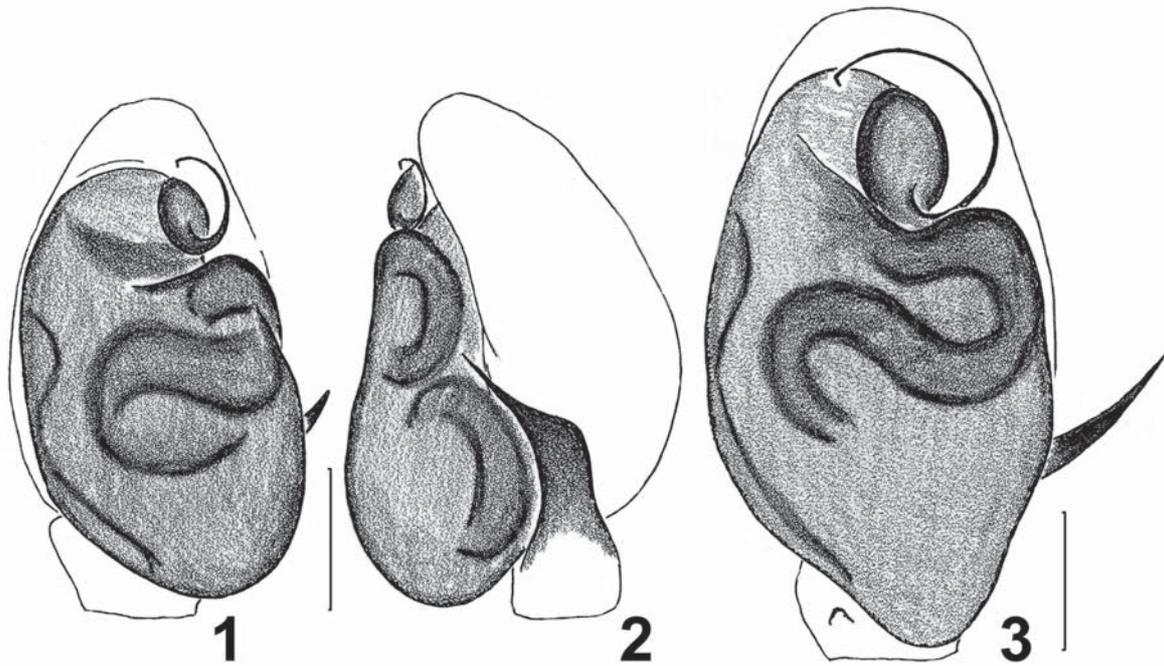
COMMENTS. This well-known Euro-Central Asian sub-boreal species was hitherto recorded by Logunov & Marusik [2000a] from Tehran Prov. (Tehran [17]).

### *Bianor albobimaculatus* (Lucas, 1846)

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

Material. IRAN: 1 ♂ (PPDRI, 113), Gilan or Mazandaran Prov., rice land, summer 1996, F. Mozaffarian; 1 ♂ (PPDRI), Mazandaran, near Tonekabon [9], rice land, 19.8.1996, F. Mozaffarian; 1 ♀ (CBSU, 1563), Gilan Prov., Rasht [4], Sangar Rd., 19.06.1995, coll.?; 1 ♂ (CBSU, 2278), Fars prov., Kaftarak Rd. [31], 2.08.1999, coll.?; 1 ♀ (CBSU, 2283), Fars Prov., Kaftarak Rd. [31], 20.09.1999, coll.?; 1 ♀ (CBSU, 1272), Gilan Prov., Talesh-Astara Rd., Talesh [2], 9.08.1993, coll.?

COMMENTS. This species has so far been recorded by Logunov [2001a] from Fars Prov. (Barm-e-peere-e-Gheibi



Figs 1–3. Male copulatory organs of *Chalcoscirtus hosseinieorum* sp.n. (1–2) and *C. zyuzini* Marusik, 1991 (3): 1, 3 — palp, ventral view; 2 — ditto, retrolateral view. Scale: 0.1 mm.

Рис. 1–3. Копулятивные органы *Chalcoscirtus hosseinieorum* sp.n. (1–2) и *C. zyuzini* Marusik, 1991 (3): 1, 3 — пальпа, вентрально; 2 — тоже, ретролатерально. Масштаб 0,1 мм.

[31]), Mazandaran Prov. (Amol [10], Tonekabon [9]), Khoozestan Prov. (Shoosh [23], Desfool) and Gilan Prov. (Rasht-Rudbared [4]).

*Chalcoscirtus* (s.str.) *infirmus* (Simon, 1868)

*C. infirmus*: Logunov & Marusik, 1999: 208, f. 1–9, 24–25, 32–35 (♂♀).

*C. infirmus*: Metzner, 1999: 45, f. 11a–m (♂♀).

Material. IRAN: 1 ♂ (SMNH), Tehran, Plant Pests and Diseases Research Institute park (36°40'N, 51°25'E) [17], decaying grass, 7–22.06.2000, YM; 1 ♀ (PPDRI), Tehran Prov., Latian Dam (35°48'N, 51°08'E) [18], 6–19.06.2000, YM.

COMMENTS. A new record for the spider fauna of Iran, lying within the known limits of the species distribution [cf. Logunov & Marusik, 1999].

*Chalcoscirtus* (s.str.) *iranicus* Logunov & Marusik, 1999

*C. iranicus*: Logunov & Marusik, 1999: 211, f. 42–43 (♀).

COMMENTS. This species has recently been described by Logunov & Marusik [1999] from Tehran Prov. (Tehran [17]).

*Chalcoscirtus* (s.str.) *lepidus* Wesolowska, 1996

*C. lepidus*: Wesolowska, 1996: 26, f. 10A–B (♀).

*C. lepidus*: Logunov & Marusik, 1999: 220, f. 74–75, 79–80, 82 (♂♀).

Material. IRAN: 1 ♀ (MMUM), Tehran Prov., NW of Tehran, Sardor Area, ca. 10 km N of Karaj (35°50'N, 51°05'E) [16], under stones and within grass on small scree, 13.06.2000, YM; 5 ♀♀

(MMUM), same prov., ca. 80 km E of Tehran, Damavand Area, Aroo Vil. (35°40'N, 52°27'E) [20], 15.06.2000, YM.

COMMENTS. A new record for the spider fauna of Iran, being the south-westernmost locality for the species [see Logunov & Marusik, 1999]. Hitherto known from Turkmenistan, Uzbekistan and Tajikistan.

*Chalcoscirtus* (s.str.) *nigritus* (Thorell, 1875)

*C. nigritus*: Bauchhenss, 1993: 43, f. 1a, 2a, 3–4 (♂♀).

*C. nigritus*: Logunov & Marusik, 1999: 216, f. 44–48, 53–54 (♂♀).

*C. nigritus*: Metzner, 1999: 47, f. 12d–i (♂♀).

Material. IRAN: 1 ♂ (MMUM), Fars Prov., Haftbarm (29°45'N, 52°15'E) [30], along small creek, 24.05.2000, YM; 1 ♂ (SMFM), East Azarbayegan, Arasbaran Res., Makidi [1], 2450–2650 m a.s.l., 6–10.06.1978, J. Martens & Pieper.

COMMENTS. A new record for the spider fauna of Iran, being the south-westernmost locality for the species [see Logunov & Marusik, 1999].

*Chalcoscirtus* (s.str.) *hosseinieorum* sp.n.

Figs 1–2.

Material. HOLOTYPE 1 ♂ (MMUM), Iran, Fars Prov., Haftbarm (29°45'N, 52°15'E) [30], dry mud on lakeshore, 24.05.2000, YM.

Comparative material on *Chalcoscirtus zyuzini* Marusik, 1991 (Fig. 3): 6 ♂♂, 8 ♀♀ (MMUM), Uzbekistan, ca. 7 km N of Kitab, Zeravshanskii Mt. Range, 800 m a.s.l., 26.04.1993, D. V. Logunov & A. A. Zyuzin.

DIAGNOSIS. The new species is closely related to *C. zyuzini* Marusik, 1991 [Fig. 3; see also Logunov & Marusik,

1999: figs 73, 76–78, 81], but can be distinguished by the smaller embolus and proportions of the bulbous (cf. Figs 1 and 3), as well as by the absence of the ventral apophysis of the palpal tibia (cf. Figs 2 and Fig. 76 in Logunov & Marusik [1999]) and by the yellow metatarsi and tarsi (and dorsally yellow patellae) (legs completely brown in *C. zyzini*).

**DISTRIBUTION.** The type locality only: Iran (Haftbarm [30]).

**DESCRIPTION.** MALE (the holotype). Measurements. Carapace 1.09 long, 0.71 wide, 0.44 high at PLE. Ocular area 0.49 long, 0.65 wide anteriorly and 0.60 wide posteriorly. Diameter of AME 0.21. Abdomen 1.11 long, 0.71 wide. Cheliceral length 0.29. Clypeal height 0.03. Length of leg segments: leg I — 0.46 + 0.23 + 0.29 + 0.24 + 0.21; leg II — 0.42 + 0.22 + 0.26 + 0.23 + 0.21; leg III — 0.50 + 0.25 + 0.23 + 0.29 + 0.21; leg IV — 0.49 + 0.25 + 0.38 + 0.34 + 0.20. Leg spination. Leg I: Tb v 0-1-0; Mt v 2-2ap. Leg II: Tb v 1-0; Mt v 1-2ap. Leg III: Fm d 0-1 (like bristles); Tb v 2ap; Mt pr and rt 2ap, v 2-2ap. Leg IV: Fm d 0-1 (like bristles); Mt pr, rt and v 2ap. Colouration. Carapace dark lustrous-brown, with black eye field. Sternum, maxillae, labium and chelicerae light brown. Abdomen: dorsum dark brown, completely covered with lustrous scutum; sides grey-brown; venter grey-yellow. Book-lung covers and spinnerets light brown. All legs: coxae, metatarsi and tarsi yellow; femora dark brown; patellae brown + yellow (dorsally); tibiae brown on sides and yellow dorsally and ventrally. Palpal structure as in Figs 1–2.

**ETYMOLOGY.** This new species is named in honour of Sh. & F. Hosseinie, who helped in organizing field trips of the second and third authors to Iran (Fars Prov.) and help them in many other ways.

*Chalcoscirtus (Chalcosibiricus) parvulus* Marusik, 1991

*C. parvulus*: Logunov & Marusik, 1999: 224, f. 89–93 (♂♀).

Material. IRAN: 1 ♀ (MMUM), Tehran Prov., ca. 80 km E of Tehran, Damavand Area, Aroo Vil. (35°40'N, 52°27'E) [20], among small stones on dry slope, 15.06.2000, YM.

**COMMENTS.** A new record for the spider fauna of Iran, hitherto known to be distributed from Turkey to S-Kazakhstan [see Logunov & Marusik, 1999].

*Chinattus caucasicus* Logunov, 1999

*C. caucasicus* Logunov, 1999a: 146, f. 40–47 (♂♀).

Material. IRAN: 5 ♂♂, 1 ♀ (MMUM), 3 ♂♂, 1 ♀ (ZMTU), Mazandaran Prov., Tooban, near Khorran-abad Vil. (36°43'N, 50°48'E) [9], deciduous forest, 8–10.06.2000, YM; 1 ♂ (SMFM), same prov., Elburs Mts, ca. 12 km NW of Zirab, 300 m a.s.l., 28.06.1978, J. Martens & Pieper; 1 ♀ (SMFM), same prov., Elburs Mts, ca. 20 km S of Amol [10], 500 m a.s.l., 29.06.1978, J. Martens & Pieper; 4 ♀♀ (ZMTU), same prov., N of Javaherdeh Vil. (36°52'N, 50°28'E) [6], deciduous forest, 9.06.2000, YM; 1 ♂, 2 ♀♀ (ZMTU), 2 ♂♂, 2 ♀♀ (SMNH), same prov., Nashtarood-Khoshkedar (36°45'N, 51°02'E) [9], litter of meadows, 9–10.06.2000, YM; 2 ♂♂ (ZMTU), same prov., Karesang [6], subtropical forest, 16.09.1971, P. T. Lehtinen; 1 ♀ (SMFM), Elburs Mts, N of Tehran [17], Dasht-Nazir, 1000–1300 m a.s.l., 28.06.1978, J. Martens & Pieper; 3 ♀♀ (SMFM), East Azarbayegan, Arasbaran Res., Makidi [1], 1650–1800 m a.s.l., 4–15.06.1978, J. Martens & Pieper.

**COMMENTS.** The species was hitherto reported from Mazandaran Prov. (Amol [10]) and Tehran Prov. (Tehran [17]) [Logunov, 1999a].

*Cyrba algerina* (Lucas, 1846)

*C. algerina*: Wanless, 1984: 452, f. 2, 4A–B, 5A–I, 6A–E, 16A–F, 17A–D (♂♀).

*C. algerina*: Wesolowska, 1996: 27, f. 11A–D, 12A–B (♂♀).

*C. algerina*: Metzner, 1999: 35, f. 1a–h (♂♀).

Material. IRAN: 1 ♀ (ZMTU), Tehran Prov., Latian Dam (35°48'N, 51°08'E) [18], 6–19.06.2000, YM; 1 ♀ (ZMTU), same prov., NW of Tehran, Sardor Area, ca. 10 km N of Karaj (35°50'N, 51°05'E) [16], dry stony slope, 13.06.2000, YM; 1 ♂ (MMUM), Fars Prov., Haftbarm, (29°45'N, 52°15'E) [30], 24.05.2000, YM; 6 ♀♀ (MMUM), same prov. ca. 50 km NNE of Shiraz, Bamoo Res. (29°45'N, 52°45'E) [34], under stones on dry meadow within semidesert, 18–28.05.2000, YM.

**COMMENTS.** A new record for the spider fauna of Iran, hitherto known from the Canary Islands and N-Africa to India and Uzbekistan [see Wanless, 1984; Logunov & Rakov, 1998].

*Cyrba ocellata* (Kroneberg, 1875)

*C. ocellata*: Wanless, 1984: 455, f. 7A–F, 8A–G, 18A–C (♂♀).

*C. ocellata*: Wesolowska, 1996: 29, f. 13A–D, 14A–E (♂♀).

Material. IRAN: 1 ♂ (ZMTU), Mazandaran Prov., Ramsar (ca. 36°55'N, 50°40'E) [8], seashore pebbles, 10.06.2000, YM; 1 ♀ (PPDRI, 491), Tehran, Tehran city (west) [17], inside building, summer 1997, F. Mozaffarian.

**COMMENTS.** A new record for the spider fauna of Iran, hitherto known from Australian and Oriental Regions [Wanless, 1984], as well as from southern regions of the Palaearctic [see Logunov & Rakov, 1998].

*Euophrys frontalis* (Walckenaer, 1802)

*E. maculata*: Tullgren, 1944: 35, f. 23A, pl. 3, f. 45–46 (♂♀).

*E. frontalis*: Logunov, Cutler & Marusik, 1993: 111, f. 5A, 10A–E, 11A–B (♂♀).

*E. frontalis*: Roberts, 1995: 195, f. (♂♀).

*E. frontalis*: Metzner, 1999: 48, f. 13a–m (♂♀).

Material. **Black morph**: IRAN: 1 ♂ (ZMTU), Mazandaran Prov., Nashtarood-Khoshkedar (36°45'N, 51°02'E) [9], grass litter along small channel, 9–10.06.2000, YM. — **Yellow morph**: 2 ♂♂, 1 ♀ (MMUM), same prov., Barseh Vil. (36°37'N, 50°41'E) [7], among stones on scree, 2000 m a.s.l., 10.06.2000, YM; 1 ♂ (SMFM), Elburs Mts, N of Tehran [17], Lashak, 1800 m a.s.l., 31.05.1978, J. Martens & Pieper; 1 ♀ (SMFM), same locality [17], Dasht-Nazir, 1000–1300 m a.s.l., 28.06.1978, J. Martens & Pieper.

**COMMENTS.** This well-known trans-Palaearctic species is a new record for the spider fauna of Iran, with Iranian records being the southernmost localities [see Logunov & Marusik, 2000b].

*Euophrys* sp. [cf. *sulphurea* (Koch, L. 1867)]

Material. IRAN: 1 ♂, 2 ♀♀ (MMUM), Tehran Prov., Latian Dam (35°48'N, 51°08'E) [18], 6–19.06.2000, YM; 1 ♂, 12 ♀♀ (MMUM), Tehran, Plant Pests and Diseases Research Institute park (36°40'N, 51°25'E) [17], 7–22.06.2000, YM; 1 ♂, 9 ♀♀ (MMUM), Fars Prov., Shiraz (29°36'N, 52°32'E) [31], 18–26.05.2000, YM; 3 ♂♂, 10 ♀♀ (MMUM), same prov., ca. 50 km NE of Shiraz, Bamoo Res. (29°45'N, 52°45'E) [34], willow litter along drying creek, 18–28.06.2000, YM.

**COMMENTS.** This seems to be a new species, the taxonomic status of which requires further detailed study.

*Evarcha arcuata* (Clerck, 1758)

*E. marcgravii* Tullgren, 1944: 62, pl. 6, f. 113–114 (♂♀).

*E. arcuata*: Roberts, 1995: 203, f. (♂♀).

*E. arcuata*: Metzner, 1999: 146, f. 111a–m (♂♀).

Material. IRAN: 2 ♂♂, 6 ♀♀ (ZMTU), Mazandaran Prov., Nashtarood-Khoshkedar (36°45'N, 51°02'E) [9], meadows, 9–10.06.2000, YM.

COMMENTS. This well-known trans-Palaearctic species a new record for the spider fauna of Iran [see Logunov & Marusik, 2000b].

*Evarcha negevensis* Prószyński, 2000

*E. negevensis* Prószyński, 2000: 240, f. 37–44 (♂♀).  
Material. IRAN: 1 ♂ (MMUM), Tehran Prov., Latian Dam (35°48'N, 51°08'E) [18], 6–19.06.2000, YM.

COMMENTS. A new record for the spider fauna of Iran and the first record of the species outside its *terra typica*: Israel (Negev desert) [see Prószyński, 2000].

*Evarcha praecineta* (Simon, 1890)

*Pellenes praecineta*: Prószyński, 1984: 104 (♂♀).  
*E. praecineta*: Wesołowska & van Harten, 1994: 25, f. 52–58 (♂♀).

Material. IRAN: 1 ♀ (MMUM), Fars Prov., ca. 50 km NE of Shiraz, Bamoo Res. (29°45'N, 52°45'E) [34], willow litter along drying creek, 18–28.06.2000, YM.

COMMENTS. A new record for the spider fauna of Iran and the northernmost locality of the species known so far from Yemen and Israel (Arava) [Wesołowska & van Harten, 1994; Prószyński, 2001]. The taxonomic status of this species remains uncertain, as its females [see Wesołowska & van Harten, 1994: figs 57–58] are virtually identical to those of *E. nepos* (O. Pickard-Cambridge, 1872) [sensu Prószyński, 2001]. The problem will be considered in more detail elsewhere.

*Heliophanillus fulgens* (O. Pickard-Cambridge, 1872)

*H. fulgens*: Wesołowska & van Harten, 1994: 30, f. 64–67 (♂♀).  
*H. fulgens*: Metzner, 1999: 97, f. 62a–i (♂♀).

Material. IRAN: 1 ♂ (PPDRI, 1017), Yazd, Yazd, Bafgh [27a], pomegranate orchard, 29.09.1998, Ghayoomi & Jafari; 1 ♀ (MMUM), Fars Prov., ca. 40 km SE of Shiraz, Barm-e-shoor Ck on Maharloo Lake (29°29'N, 52°42'E) [32], 23–28.05.2000, YM; 2 ♀♀ (MMUM), same prov., Shiraz (29°36'N, 52°32'E) [31], 18–26.05.2000, YM; 1 ♀ (MMUM), same prov., Shiraz-Esfahan HWy (30°11'N, 53°15'E) [28], 20.05.2000, YM; 1 ♀ (PPDRI), same prov., Barm-e-peere-e-Gheibi [31], 29.05.2000, YM & K. Elmi.

COMMENTS. A new record for the spider fauna of Iran, the easternmost locality for this Mediterranean species [Metzner, 1999; Prószyński, 2001].

*Heliophanus (Helafricanus) edentulus* Simon, 1871

*H. edentulus*: Wesołowska, 1986: 17, f. 96–104 (♂♀).  
*H. edentulus*: Metzner, 1999: 98, f. 63a–h (♂♀).

Material. IRAN: 2 ♂♂, 1 ♀ (MMUM), Tehran Prov., Latian Dam (35°48'N, 51°08'E) [18], 6–19.06.2000, YM; 1 ♀ (PPDRI), same prov., E of Tehran, Jajrood (35°43'N, 51°52'E) [19], river pebbles, 2.06.2000, YM.

COMMENTS. A new record for the spider fauna of Iran, the easternmost locality for this Mediterranean species [Wesołowska, 1986; Prószyński, 2001].

*Heliophanus* (s.str.) *cupreus* (Walckenaer, 1802)

*H. cupreus*: Tullgren, 1944: 52, f. 27a, pl. 5, f. 89–92 (♂♀).  
*H. cupreus*: Wesołowska, 1986: 215, f. 671–683 (♂♀).  
*H. cupreus*: Roberts, 1995: 185, f. (♂♀).  
*H. cupreus*: Rakov & Logunov, 1997a: 73, f. 22–27, 31–32 (♂♀).  
*H. cupreus*: Metzner, 1999: 105, f. 71a–g (♂♀).

Material. IRAN: 1 ♀ (MMUM), Mazandaran Prov., Tooben, near Khorran-abad Vil. (36°43'N, 50°48'E) [9], 8–10.06.2000, YM; 1 ♀ (ZMTU), same prov., N of Javaherdeh Vil. (36°52'N, 50°28'E)

[6], sweeping grass and bushes, 9.06.2000, YM; 1 ♀ (ZMTU), same prov., Barseh Vil. (36°37'N, 50°41'E) [7], among stones in scree 2000 m a.s.l., 10.06.2000, YM.

COMMENTS. This European temperate species was hitherto recorded from East Azarbayegan and Mazandaran [Wesołowska, 1986].

*Heliophanus* (s.str.) *decoratus* L. Koch, 1875

*H. decoratus* Wesołowska, 1986: 208, f. 549–557, 559–566, 570–584 (♂♀).

Material. IRAN: 2 ♂♂, 2 ♀♀ (MMUM), Fars Prov., ca. 40 km NE of Shiraz, 0–2 km E of Band-e-Amir Vil. (29°52'N, 52°47'E) [33], under bunches of grass 25.05.2000, YM.

COMMENTS. A new record for the spider fauna of Iran, the north-easternmost locality for the species, which has hitherto been recorded from North Africa and Levant [Wesołowska, 1986; Prószyński, 2001].

*Heliophanus* (s.str.) *dunini* Rakov & Logunov, 1997

*H. dunini* Rakov & Logunov, 1997a: 80, f. 29, 51–54, 59–60 (♂♀).

Material. IRAN: 1 ♀ (MMUM), Tehran Prov., ca. 80 km E of Tehran, Damavand Area, Aroo Vil. (35°40'N, 52°27'E) [20], 15.06.2000, YM & F. Mozaffarian.

COMMENTS. A new record for the spider fauna of Iran and the first record of the species outside its *terra typica*: Azerbaijan and North-West Kazakhstan [see Rakov & Logunov, 1997a].

*Heliophanus* (s.str.) *equester* L. Koch, 1867

*H. equester*: Wesołowska, 1986: 213, f. 652–660 (♂♀).

*H. equester*: Rakov & Logunov, 1997a: 82, f. 62–66 (♂♀).

*H. equester*: Metzner, 1999: 102, f. 68a–i (♂♀).

Material. IRAN: 1 ♂, 9 ♀♀ (MMUM), 1 ♂, 2 ♀ (ZMTU), Tehran Prov., Latian Dam (35°48'N, 51°08'E) [18], 6–19.06.2000, YM; 3 ♂♂, 4 ♀♀ (ZMTU), Tehran, Plant Pests and Diseases Research Institute park (36°40'N, 51°25'E) [17], 7–22.06.2000, YM; 1 ♂ (MMUM), Fars Prov., ca. 50 km NNE of Shiraz, Bamoo Res. (29°45'N, 52°45'E) [34], grass litter along creek, 18–28.05.2000, YM; 1 ♂, 9 ♀♀ (SMNH), same prov., ca. 25 km NE of Shiraz, Zarghan, Azadegan Park (29°47'N, 52°44'E) [34], grass in shadowed places and sweeping grass and bushes in park, 25.05.2000, YM; 2 ♀♀ (PPDRI, 743, 788), W. Azarbayegan, Orumiyeh [13], apple orchard, 4.07–3.08.1997, A. Khalil Aria. 1 ♀ (PPDRI, 788).

COMMENTS. A new record for the spider fauna of Iran, the easternmost locality for the species [Rakov & Logunov, 1997a; Prószyński, 2001].

*Heliophanus* (s.str.) *flavipes* Hahn, 1831

*H. ritteri* Tullgren, 1944: 54, f. 27c, 28c, pl. 5, f. 97–98 (♂♀).

*H. flavipes*: Wesołowska, 1986: 213, f. 640–651 (♂♀).

*H. flavipes*: Roberts, 1995: 186, f. (♂♀).

*H. flavipes*: Rakov & Logunov, 1997a: 83, f. 67–74 (♂♀).

*H. flavipes*: Metzner, 1999: 104, f. 69a–h (♂♀).

Material. IRAN: 1 ♂ (MMUM), 1 ♂, 5 ♀♀ (ZMTU), Mazandaran Prov., Javaherdeh Vil. (36°52'N, 50°28'E) [6], 9.06.2000, YM; 1 ♀ (ZMTU), Tehran, Plant Pests and Diseases Research Institute park (36°40'N, 51°25'E) [17], leaf and grass litter, 7–22.06.2000, YM.

COMMENTS. This is a trans-Palaearctic species, hitherto recorded from East Azarbayegan (Arasbaran Res.: Makidi [1]), Mazandaran Prov. (Alamdeh) and Tehran Prov. (Tehran [17]) [Wesołowska, 1986].

*Heliophanus forcipifer* Kulczyński, 1895

*H. forcipifer*: Rakov & Logunov, 1997a: 88–89, f. 76–83 (♂♀).

Material. IRAN: 2 ♀♀ (MMUM), Yazd Prov., Mehriz [27], 20.06.1998, Ghayoomi & Shishehbory; 1 ♀ (MMUM), no locality data.

COMMENTS. A new record for the spider fauna of Iran, the southernmost locality for the species, known hitherto the Caucasus and Central Asia [Wesołowska, 1986; Rakov & Logunov, 1997a].

*Heliophanus* (s.str.) *glaucus* Bösenberg & Lenz, 1895

*H. glaucus*: Wesołowska, 1986: 208, f. 558, 567–569 (♀).

Material. IRAN: 1 ♀ (MMUM), Fars Prov., ca. 40 km SSE of Shiraz, Barm-e-shoor Ck on Maharloo Lake (29°29'N, 52°42'E) [32], 23–28.05.2000, YM.

COMMENTS. A new record for the spider fauna of Iran, the north-easternmost locality for the species, known hitherto only from Egypt and Libya [Wesołowska, 1986].

*Heliophanus* (s.str.) *iranus* Wesołowska, 1986

*H. iranus* Wesołowska, 1986: 223, f. 776–786 (♂♀).

Material. IRAN: 2 ♂♂, 2 ♀♀ (MMUM), Tehran Prov., E of Tehran, Ab-Ali Area (35°46'N, 51°57'E) [19], grass on steep slopes, 2.06.2000, YM & F. Mozaffarian.

COMMENTS. This is the second record of the species, again from its *terra typica*: Tehran [17] [see Wesołowska, 1986].

*Heliophanus* (s.str.) *mordax* (O. Pickard-Cambridge, 1872)

*H. mordax*: Wesołowska, 1986: 41, f. 476–486 (♂).

*H. ignorabilis* Wesołowska, 1986: 214, f. 661–663 (♀).

*H. mordax*: Rakov & Logunov, 1997a: 93, f. 102–108, 112 (♂♀).

*H. mordax*: Metzner, 1999: 110, f. 75a–h (♂♀).

Material. IRAN: 1 ♂, 5 ♀ (MMUM), 1 ♂, 4 ♀♀ (ZMTU), Tehran Prov., Latian Dam (35°48'N, 51°08'E) [18], 6–19.06.2000, YM; 1 ♀ (ZMTU), Tehran Prov., E of Tehran, Jajrood (35°43'N, 51°52'E) [19], 2.06.2000, YM; 1 ♂ (PPDRI, 284), same prov., Tehran City [17], inside building, 10.1996, F. Mozaffarian; 2 ♀♀ (ZMTU), same prov., E of Tehran, Ab-Ali Area (35°46'N, 51°57'E) [19], 2.06.2000, YM; 1 ♀ (ZMTU), same prov., NW of Tehran, Sardor Area, ca. 10 km N of Karaj (35°50'N, 51°05'E) [16], under stones on scree, 13.06.2000, YM; 2 ♀♀ (ZMTU), 3 ♀♀ (SMNH), same prov., ca. 80 km E of Tehran, Damavand Area, Aroo Vil. (35°40'N, 52°27'E) [20], among stones, 15.06.2000, YM; 1 ♀ (MMUM), Mazandaran Prov., Tooben, near Khorran-abad Vil. (36°43'N, 50°48'E) [9], 8–10.06.2000, YM; 5 ♀♀ (ZMTU), Tehran, Plant Pests and Diseases Research Institute park (36°40'N, 51°25'E) [17], 7–22.06.2000, YM; 3 ♀♀ (ZMTU), 1 ♂, 1 ♀ (SMNH), 12 ♂♂, 8 ♀♀ (MMUM), Fars Prov., ca. 50 km NNE of Shiraz, Bamoo Res. (29°45'N, 52°45'E) [34], on and under grass nearby semi-dry creek, 18–28.05.2000, YM; 1 ♀ (ZMTU), 2 ♂♂, 3 ♀♀ (SMNH), same prov., ca. 25 km NE of Shiraz, Zarghan, Azadegan Park (29°47'N, 52°44'E) [34], grass in shadowed places and sweeping grass and bushes in park, 29.05.2000, YM; 1 ♀ (ZMTU), same prov., Barm-e-peere-e-Gheibi [31], 25.05.2000, YM.

COMMENTS. A new record for the spider fauna of Iran, though the species is rather widespread in the eastern Mediterranean, Minor and Central Asia and the Caucasus [Wesołowska, 1986; Rakov & Logunov, 1997a; Prószyński, 2001].

*Heliophanus* (s.str.) *verus* Wesołowska, 1986

*H. verus* Wesołowska, 1986: 223, f. 789–792 (♂).

*H. verus*: Rakov & Logunov, 1997a: 100, f. 109–111, 113, 137–139 (♂♀).

COMMENTS. In Iran this species has so far been recorded from Mazandaran [Wesołowska, 1986: sub *H. ignorabilis* (♀ holotype) and *H. verus*] and Kerman [Logunov & Marusik, 2000a]; outside Iran it is known only from Azerbaijan (Lenkoran) [see Rakov & Logunov, 1997a].

”*Hyllus*” *insularis* Metzner, 1999

*H. insularis* Metzner, 1999: 150, f. 115a–f (♀).

”*H.*” *insularis*: Logunov, 2001b: 60–61, f. 4–7 (♂♀).

COMMENTS. This species has so far been reported by Logunov [2001b] from Tehran Prov. (Latian Dam [18]), Yazd Prov. (Yazd [26]) and Mazandaran Prov. (Tonekabon [9]).

*Irannattus rectangularis* Prószyński, 1992

*I. rectangularis* Prószyński, 1992: 97, f. 35–40 (♂).

COMMENTS. This species was described [Prószyński, 1992] from Baloochestan (Chabahar [37]).

*Langona redii* (Savigny & Audouin, 1825)

*L. r.*: Hęciak & Prószyński, 1984: 209–211, f. 1–2, 4–5, 12, 25, 37–38 (♂♀).

Material. IRAN: 1 ♂, 1 ♀ (MMUM), Fars Prov., Dasht-e-Arjan (an area approximately in the midway of Shiraz–Kazeroon Rd.) [29], 23.01.1983, M. Gettmer.

COMMENTS. A new record for the spider fauna of Iran and the northeasternmost locality for the species, which has so far been reported only from Egypt and Israel [Hęciak & Prószyński, 1983; Prószyński, 2001]. It is very likely that *Langona alfensis* Hęciak & Prószyński, 1984 described from Sudan [see Hęciak & Prószyński, 1983] is a junior synonym of *L. redii*. This taxonomic problem requires special attention in the future.

*Macaroeris nidicolens* (Walckenaer, 1802)

*Eris nidicolens* Roberts, 1995: 191, f. (♂♀).

*M. nidicolens* Metzner, 1999: 43, f. 9d–e, 10a–1 (♂♀).

COMMENTS. This West-Palaeartic subboreal species has been hitherto reported by Logunov & Marusik [2000a] from Golestan: Gorgan [11] (old name Astarabad).

*Mendoza canestrinii* (Ninni in Canestrini & Pavesi, 1868)

*Marpissa magister*: Logunov & Wesołowska, 1992: 125, f. 12A–D, 13A–C (♂♀).

*Marpissa canestrinii*: Metzner, 1999: 138, f. 102a–1 (♂♀).

Material. IRAN: 1 ♂ (PPDRI, 427), Mazandaran, Tonekabon [9], paddy field, 1996, Alhosseinie; 1 ♀ (PPDRI, 480), Mazandaran, Amol [10], rice field, date ??, Oskoo & Shokri; 1 ♀ (CBSU), Gilan Prov., Bandar Anzali (Talab) [3], 23.09.1996, coll. ?.

COMMENTS. A new record of this widespread Palaeartic species for the spider fauna of Iran [see Logunov, 1999b; Logunov & Marusik, 2000b].

*Menemerus semilimbatus* (Hahn, 1827)

*M. semilimbatus*: Wesołowska, 1999: 330, f. 258–267 (♂♀).

*M. semilimbatus*: Metzner, 1999: 144, f. 109a–h (♂♀).

Material. IRAN: 1 ♂, 2 ♀♀ (ZMTU), Mazandaran Prov., Ramsar (ca. 36°55'N, 50°40'E) [8], seashore pebbles, 10.06.2000, YM.

COMMENTS. A new record of this Mediterranean species for the spider fauna of Iran, its easternmost locality [cf. Rakov & Logunov, 1997b].

*Mexcala farsensis* Logunov, 2001

*M. farsensis* Logunov, 2001b: 61, f. 1–3 (♀).

COMMENTS. This species has recently been described by Logunov [2001b] from Fars Prov. (Barm-e-peere-e-Gheibi [31]).

*Mogrus neglectus* (Simon, 1868)

*M. neglectus*: Andreeva, Kononenko & Prószyński, 1981: 91, f. 16–21 (♂♀).

*M. neglectus*: Logunov, 1995: 600, f. 32–40 (♂♀).

*M. neglectus*: Metzner, 1999: 151, f. 117a–k (♂♀).

Material. IRAN: 1 ♀ (ZMTU), Tehran Prov., Latian Dam (35°48'N, 51°08'E) [18], 6–19.06.2000, YM; 14 ♀♀ (ZMTU), 2 ♀♀ (ZMTU), Tehran, Plant Pests and Diseases Research Institute park (36°40'N, 51°25'E) [17], park in city center, 7–22.06.2000, YM; 3 ♀♀ (SMNH), Fars Prov., ca. 50 km NE of Shiraz, Bamoo Res. (29°45'N, 52°45'E) [34], on grass in semidesert, 18–28.05.2000, YM; 11 ♀♀ (MMUM), 5 ♀♀ (ZMTU), same prov., ca. 40 km SE of Shiraz, Barm-e-shoor Ck on Maharloo Lake (29°29'N, 52°42'E) [32], dry grass and reed, 23–28.05.2000, YM & F. Mozaffarian; 1 ♀ (ZMTU), same prov., Barm-e-peere-e-Gheibi [31], sweeping grass, 29.05.2000, YM.

COMMENTS. A new record for the spider fauna of Iran, though this species is widely distributed from Greece and Levant through Minor Asia and the Caucasus to South Kazakhstan [Logunov, 1995; Logunov & Marusik, 2000a; Prószyński, 2001].

*Myrmarachne tristis* Simon, 1901

*M. t.*: Wesołowska & van Harten 1994: 63–65, f. 128–132 (♂♀).

Material. IRAN: 1 ♀ (MMUM), Khoozestan Prov. Shoosh [23], rice land, 9.9.1996, coll. ?.

COMMENTS. A new record for the spider fauna of Iran, the northernmost locality for the species known hitherto from Egypt, Saudi Arabia, the Near East and India [Prószyński, 2001].

*Neon (Dicroneon) levis* (Simon, 1871)

*N. levis*: Heimer & Nentwig, 1991: 510, f. 1367 (♂♀).

Material. IRAN: 1 ♀ (SMFM), Tehran Prov., N of Tehran [17], Dasht-Nazir, 1000–1300 m a.s.l., 28.06.1978, J. Martens & Pieper.

COMMENTS. This well-known Euro-Siberio-Central Asian species is a new record for the spider fauna of Iran, with Iranian record being one of the southernmost localities [see Logunov & Marusik, 2000b].

*Neon (Dicroneon) rayi* (Simon, 1875)

*N. rayi*: Wiehle, 1967: 28, f. 126–129 (♂♀).

*N. rayi*: Prószyński, 1976: 187, f. 438–443 (♂♀).

*N. rayi*: Heimer & Nentwig, 1991: 512, f. 1368 (♂♀).

*N. rayi*: Metzner, 1999: 66, f. 31a–g (♂♀).

Material. IRAN: 5 ♀♀ (ZMTU), 1 ♂, 3 ♀♀ (MMUM), 1 ♀ (SMNH), Tehran, Plant Pests and Diseases Research Institute park (36°40'N, 51°25'E) [17], grass and leaf litter, 7–22.06.2000, YM.

COMMENTS. A new record of this Euro-Siberian suboreal species for the spider fauna of Iran, its southernmost locality [cf. Logunov & Marusik, 2000b].

*Neon (s.str.) reticulatus* (Blackwall, 1853)

*N. reticulatus*: Tullgren, 1944: 40, pl. 3, f. 60–62, pl. 4, f. 63 (♂♀).

*N. reticulatus*: Wiehle, 1967: 25, f. 120a–123a (♂♀).

*N. reticulatus*: Roberts, 1995: 193, f. (♂♀).

*N. reticulatus*: Logunov, 1998a: 17, f. 3–4, 7, 13–14, 20–22, 26, 28 (♂♀).

Material. IRAN: 1 ♀ (MMUM), Mazandaran Prov., Tooben, near Khorran-abad Vil. (36°43'N, 50°48'E) [9], 8–10.06.2000, YM; 1 ♀ (ZMTU), same prov., N of Javaherdeh Vil. (36°52'N, 50°28'E) [6], 9.06.2000, YM; 1 ♀ (SMFM), same prov., Elburs Mts, ca. 12 km NW of Zirab, 300 m a.s.l., 28.06.1978, J. Martens & Pieper; 1 ♂ (SMFM), same prov., Elburs Mts., ca. 11 km E of Alasht, 1400 m a.s.l., 06.1978, J. Martens & Pieper; 1 ♂, 1 ♀ (SMFM), same prov., Elburs Mts., ca. 20 km S of Amol [10], 490–560 m a.s.l., 24.05–29.06.1978, J. Martens & Pieper; 2 ♀♀ (SMFM), East Azarbayegan, Arasbaran Res., Makidi [1], 1650–1800 m a.s.l., 4–15.06.1978, J. Martens & Pieper.

COMMENTS. A new record of this Holarctic species for the spider fauna of Iran, with both Iranian records being within the known range of the species [cf. Logunov & Marusik, 2000b].

*Pellenes (Pelmultus) brevis* (Simon, 1868)

*P. brevis*: Logunov, Marusik & Rakov, 1999: 143, f. 77–79, 87–88, 160–162, 192–196, 206–207, 209 (♂♀).

*P. brevis*: Metzner, 1999: 125, f. 90a–k (♂♀).

Material. IRAN: 1 ♀ (MMUM), Tehran Prov., Latian Dam (35°48'N, 51°08'E) [18], 6–19.06.2000, YM.

COMMENTS. A new record for Iran [cf. Logunov *et al.*, 1999]. However, the present identification and record is to be considered provisional, as no male has been found together with the female. The females of *P. brevis* are known to be poorly distinguishable from those of *P. arcigerus* (Walckenaer, 1837) [see Logunov *et al.*, 1999]. Males are required to confirm the present identification.

*Pellenes (Pelmultus) epularis* (O.Pickard-Camb-ridge, 1872)

*P. epularis*: Logunov, Marusik & Rakov, 1999: 122, f. 111–130 (♂♀).

*P. epularis*: Metzner, 1999: 127, f. 92a–c (♂).

Material. IRAN: 1 ♀ (MMUM), Fars Prov., ca. 40 km NE of Shiraz, 0–2 km E of Band-e-Amir (29°59'N, 52°47'E) [33], 25.05.2000, YM; 1 ♀ (PPDRI), 1 ♀ (MMUM), Tehran Prov., ca. 5 km N of Tehran, Tochal Mt. (35°53'N, 51°20'E) [17], under stones and in grass, 2000–2900 m a.s.l., 16.06.2000, YM, F. Mozaffarian & A. Bahramshad.

COMMENTS. Hitherto recorded from Tehran [17] and East Azarbayegan (Arasbaran Res.: Makidi) [Logunov *et al.*, 1999; Logunov & Marusik, 2000a].

*Pellenes (s.str.) seriatus* (Thorell, 1875)

*P. seriatus*: Logunov & Marusik, 1994: 106, f. 4A–E (♂♀).

*P. seriatus*: Metzner, 1999: 122, f. 87a–l (♂♀).

COMMENTS. In Iran, this species has been recorded from Golestan (Gorgan [11]) and Kermanshah [21] [Logunov & Marusik, 2000a].

*Philaeus chrysops* (Poda, 1761)

*P. chrysops*: Prószyński, 1979: 315, f. 241–254 (♂♀).

*P. chrysops*: Heimer & Nentwig, 1991: 514, f. 1372 (♂♀).

*P. chrysops*: Roberts, 1995: 202, f. (♂♀).

*P. chrysops*: Wesołowska, 1996: 34, f. 23A–E (♂♀).

*P. chrysops*: Metzner, 1999: 140, f. 105a–h, 106a–l (♂♀).

Material. IRAN: 2 ♀♀ (ZMTU), Tehran Prov., Latian Dam (35°48'N, 51°08'E) [18], 6–19.06.2000, YM; 5 ♂♂, 7 ♀♀ (MMUM), 5 ♂♂, 8 ♀♀ (ZMTU), same prov., ca. 5 km N of Tehran, Tochal Mt. (35°53'N, 51°20'E) [17], among stones, 2000–2900 m a.s.l.,

16.06.2000, YM; 1 ♂ (ZMTU), 2 ♂♂ (SMNH), same prov., E of Tehran, Ab-Ali Area (35°46'N, 51°57'E) [19], sloping meadows, 2.06.2000, YM; 1 ♂ (ZMTU), same prov., NW of Tehran, Sardor Area, ca. 10 km N of Karaj (35°50'N, 51°05'E) [16], among stones on scree, 13.06.2000, YM; 6 ♀♀ (ZMTU), 1 ♂, 3 ♀♀ (SMNH), same prov., ca. 80 km E of Tehran, Damavand Area, Aroo Vil. (35°40'N, 52°27'E) [20], among stones, 15.06.2000, YM; 1 ♂ (ZMTU), Mazandaran Prov., Ramsar (ca. 36°55'N, 50°40'E) [8], seashore pebbles, 10.06.2000, YM; 1 ♂ (PSUN), Golestan Prov., Gorgan (old name Astarabad) [11], 19.04.1914, A. Kirichenko; 1 ♂, 1 ♀ (PSUN), same locality [11], 05.1905, E. Filippovich.

COMMENTS. A new record of this trans-Palaeartic species for the spider fauna of Iran, with all Iranian records lying within the known range of the species [cf. Logunov & Marusik, 2000b].

#### *Phintella castrisiana* (Grube, 1861)

*Icius castrisianus*: Prószyński, 1979: 310, f. 131–142 (♂♀).

*P. castrisiana*: Logunov & Wesolowska, 1992: 137, f. 27B, D, F, 28A–B, 29A–C (♂♀).

*P. castrisianus*: Metzner, 1999: 88, f. 53a–i (♂♀).

Material. IRAN: 5 ♀♀ (SMFM), Mazandaran Prov., Elburz Mts., ca. 11 km E of Alasht, 1400 m a.s.l., 31.05–28.06.1978, J. Martens & Pieper; 2 ♂♂, 6 ♀♀ (ZMTU), same prov., Tooben, near Khorran-abad Vil. (36°43'N, 50°48'E) [9], sweeping on grass in the forest, 8–10.06.2000, YM; 1 ♀ (ZMTU), 1 ♀ (SMNH), same prov., Nashtarood-Khoshkedar (36°45'N, 51°02'E) [9], sweeping meadows, 9–10.06.2000, YM.

COMMENTS. First records in Iran for this amphi-Eurasian species [cf. Logunov & Marusik, 2000b].

#### *Phlegra fasciata* (Hahn, 1826)

*P. fasciata*: Prószyński, 1979: 315, f. 255–259 (♂♀).

*P. fasciata*: Heimer & Nentwig, 1991: 514, f. 1376 (♂♀).

*P. fasciata*: Roberts, 1995: 204, f. (♂♀).

*P. fasciata*: Logunov, 1996: 544, f. 1–2, 17–25 (♂♀).

*P. fasciata*: Metzner, 1999: 68, f. 33a–i (♂♀).

Material. IRAN: 1 ♂ (ZMTU), Mazandaran Prov., Nashtarood-Khoshkedar (36°45'N, 51°02'E) [9], in grass litter, 9–10.06.2000, YM;

COMMENTS. A common Palaeartic species, reported from the same locality in Iran by Logunov & Koponen [in press].

#### *Phlegra tetrilineata* (Caporiacco, 1939)

*P. tetrilineata*: Prószyński, 1987: 77 (♀).

Comments. Azarkina [in press, b] records this species from Tehran Prov. (Tehran: Tochal Mt. [17]), but her identification is considered provisional.

#### *Plexippoides flavescens* (O. Pickard-Cambridge, 1872)

*P. arabicus* Prószyński, 1989: 47, f. 44–45 (♂).

*Menemerops sollistimus* Wesolowska & van Harten, 1994: 45, f. 97–98 (♀).

*P. flavescens*: Wesolowska, 1996: 34, f. 24A–D (♂♀).

Material. IRAN: 1 ♂ (CBSU), Fars Prov., ca. 30 km N of Shiraz, Zarghan [34], 9.06.1969, Sh. Hosseinie; 2 ♂♂ (CBSU), Fars Prov., Shiraz [31], inside building, summer 1990, K. Elmi; 1 ♂ (PPDRI, 375), same locality [31], inside building, Spring 1997, F. Mozaffarian; 1 ♂, 1 ♀ (PSUN), near Kerman [35], 1929, Kuznetsov; 1 ♀ (PPDRI, 292), Tehran Prov., Tehran, Plant Pests and Diseases Research Institute park [17], under bark, 01.1997, F. Mozaffarian.

COMMENTS. In Iran, this species has so far been reported from Mazandaran? [Roewer, 1955: sub *Yllenus starmuehl-*

*neri*], Kohkiluyeh and Boyer Ahmad Prov. (Gach Saran [25]) [Prószyński, 1992: sub *Menemerops flavescens*], Kerman [35], Shakhrudz and Tehran [17] [Logunov & Marusik, 2000a].

#### *Plexippus coccineus* Simon, 1902

*P. coccineus*: Wesolowska, 1996: 36, f. 25A–C, 26A–C (♂♀).

*P. coccineus*: Metzner, 1999: 136, f. 100a–j (♂♀).

Material. IRAN: 1 ♂ (MMUM), Tehran, Plant Pests and Diseases Research Institute park (36°40'N, 51°25'E) [17], night collecting around guest-house, 7–22.06.2000, YM; 2 ♂♂, 1 ♀ (PPDRI, 506, 520, 519), Tehran Prov., Karaj, Mehr Shahr [16], apple orchard, 16–22.11.1997, F. Mozaffarian.

COMMENTS. New records for Iran, the southernmost localities for this low-land Turanian species [cf. Logunov & Rakov, 1998: map 3].

#### *Pseudeuophrys erratica* (Walckenaer, 1826)

*Euophrys callida* Tullgren, 1944: 39, pl. 3, f. 57–59 (♂♀).

*Euophrys e.*: Logunov, Cutler & Marusik, 1993: 104, f. 2A–D (♂♀).

*Euophrys e.*: Roberts, 1995: 197, f. (♂♀).

*P. e.*: Metzner, 1999: 53, f. 18a–k (♂♀).

Material. IRAN: 1 ♂ (ZMTU), Mazandaran Prov., N of Javaherdeh Vil. (36°52'N, 50°28'E) [6], 9.06.2000, YM; 2 ♂♂, 1 ♀ (SMFM), same prov., Elburz Mts., ca. 20 km S of Amol [10], 500 m a.s.l., 24.05.1978, J. Martens & Pieper; 1 ♀ (SMFM), same prov., Elburz Mts., ca. 11 km E of Alasht, 1400 m a.s.l., 27–28.06.1978, J. Martens & Pieper.

COMMENTS. New record for Iran, the southernmost locality for the species [cf. Logunov & Marusik, 2000b].

#### *Pseudicius palaestinensis* Strand, 1915

*P. p.*: Prószyński, 2001 (♂♀).

Material. IRAN: 1 ♀ (PPDRI, 979), Fars Prov., Shiraz, Baghe-Bash [34], olive orchard, summer 1999, Fallah zadeh; 2 ♂♂ 2 ♀♀ (PPDRI, 1016, 1013), Yazd Prov., Yazd, Meibod [26], pomegranate orchard, 3.05.1998, Moosavi & Jafari; 1 ♀ (MMUM), Tehran, Plant Pests and Diseases Research Institute park (36°40'N, 51°25'E) [17], under bark of *Platanus*, 7–22.06.2000, YM; 1 ♂ 1 ♀ (PPDRI, 290, 291), same locality [17], 11.1996, F. Mozaffarian; 1 ♀ (PPDRI, 287), Tehran Prov., Peikan Shahr, under bark, 12.1996, F. Mozaffarian.

COMMENTS. New records for Iran, the north-easternmost localities for this species previously known only from Israel [Prószyński, 2001].

#### *Pseudicius rudakii* Prószyński, 1992

*P. r.* Prószyński, 1992: 110, f. 80–82 (♂).

COMMENTS. This species is known from a single male from Fars Prov. (Shiraz [31]) [Prószyński, 1992].

#### *Pseudicius spasskyi* (Andreeva, Hęciak & Prószyński, 1984)

*Icius s.* Andreeva, Hęciak & Prószyński, 1984: 352, f. 22, 25–26, 29, 32, 35, 38, 42 (♂♀).

*P. s.*: Wesolowska, 1996: 40, f. 29A–E, 30A–D (♂♀).

Material. IRAN: 1 ♀ (CBSU, 1272), Gilan Prov., Talesh-Astara Rd., Talesh [2], 9.8.1993, coll.?

COMMENTS. New records for Iran, the south-westernmost locality for the species previously known only from Turkmenistan and Tajikistan [cf. Logunov & Rakov, 1998].

*Salticus cingulatus* (Panzer, 1797)

*S. c.*: Tullgren, 1944: 19, f. 17, pl. 1, f. 8–12 (♂♀).

*S. c.*: Heimer & Nentwig, 1991: 516, f. 1378 (♂♀).

*S. c.*: Roberts, 1995: 184, f. (♂♀).

*S. c.*: Metzner, 1999: 111, f. 77a–k (♂♀).

COMMENTS. In Iran this species has been recorded from Kerman [35] and an uncertain locality “Tombat” [see Roewer, 1955]. These records however seem to need confirmation through reference to the pertinent material, as a number of poorly distinguished *Salticus* species have been described from Central Asia [e.g. Logunov, 1992; Logunov & Rakov, 1998; Prószyński, 2001].

*Salticus tricinctus* (C. L. Koch, 1846)

*S. t.*: Logunov, 1992: 57, f. 4a–e (♂♀).

*S. t.*: Wesołowska, 1996: 41, f. 32A–G (♂♀).

Material. IRAN: 2♀♀ (SMFM), Tehran Prov., N of Tehran [17], Sheshmak, 2800–2900 m a.s.l., 17–25.06.1978, J. Martens & Pieper; 1♂ (SMFM), Mazandaran Prov., Elburs Mts, 2400–2500 m a.s.l., 06.1978, J. Martens & Pieper; 1♀ (CBSU), Fars Prov., Shiraz [31], inside building, 04.1981, S. Hosseinie.

COMMENTS. New records for Iran, the southernmost locality for this species previously known from Azerbaijan and Central Asia [cf. Logunov, 1992; Logunov & Rakov, 1998].

*Salticus* sp.

Material. IRAN: 1♂ (MMUM), West Azarbayegan Prov., Orumiyeh, Mosk abad Vil. [13], apple orchard, 10.05.1997, A. Khalil Aria; 1♀ (MMUM), West Azarbayegan Prov., Tala tapeh, Mosgh abad Vil. [14], apple orchard, 4.07.1998, A. Khalil Aria; 2♀♀ (PPDRI, 863), Markazi Prov., Saveh, Yal abad [22], pomegranate orchard, 6.6.1998, F. Mozaffarian.

COMMENTS. This seems to be a new species, the status of which needs further detailed study, as a number of poorly distinguished *Salticus* species have been described from Central Asia and the Mediterranean [e.g. Logunov, 1992; Logunov & Rakov, 1998; Prószyński, 2001].

*Sibianor aurocinctus* (Ohlert, 1865)

*Bianor a.*: Logunov & Wesołowska, 1992: 118, f. 4C–D, 5C (♂♀).

*Bianor a.*: Roberts, 1995: 194, f. (♂♀).

*S. a.*: Logunov, 2001: 270–271, 276–280 (♂♀).

COMMENTS. This species was once recorded from Iran (Mazandaran) by Roewer [1955: sub *Bianor a.*], but the record needs confirmation through reference to the pertinent material, as it might actually belong to *Sibianor tantulus* (Simon, 1868), *S. turkestanicus* Logunov, 2001, or even to *Bianor albobimaculatus* [see Logunov, 2001a].

*Sitticus ammophilus* (Thorell, 1875)

*S. a.*: Prószyński, 1987: 86–87 (♂♀).

*S. vilis*: Prószyński, 1987: 98 (♂♀).

Material. IRAN: 1♀ (PPDRI), “♂285 + 4 by pencil”, no locality data.

COMMENTS. New record for Iran, the southernmost locality for this species [cf. Wesołowska, 1996; Logunov & Marusik, 2000b].

*Sitticus relictarius* Logunov, 1998

*S. r.*: Logunov, 1998b: 78, f. 7–10 (♂♀).

Material. IRAN: 1♂, 1♀ (SMFM), Mazandaran Prov., Elburs Mts., ca 11 km E of Alasht, 1400 m a.s.l., 31.05–28.06.1978, J. Martens & Pieper.

COMMENTS. This Caucasian species was first recorded from Mazandaran (Elburz Mts) [Logunov, 1998b].

*Stenaelurillus marusiki* Logunov, 2001

*S. m.*: Logunov, 2001b: 66, f. 27–30 (♂♀).

COMMENTS. This species has recently been described by Logunov [2001b] from Fars Prov. (Shiraz [31] and Barm-e-peere-e-Gheibi [31]).

*Synageles dalmaticus* (Keyserling, 1863)

*S. d.*: Heimer & Nentwig, 1991: 522, f. 1395 (♂♀).

*S. d.*: Metzner, 1999: 38, f. 5a–g (♂♀).

Material. IRAN: 1♂, 1♀ (MMUM), Tehran Prov., Latian Dam (35°48'N, 51°08'E) [18], 6–19.06.2000, YM; 1♂, 2♀♀ (MMUM), 1♀ (ZMTU), 2♀♀ (SMNH), Tehran Prov., Plant Pests and Diseases Research Institute park (36°40'N, 51°25'E) [17], leaf and grass litter & tree trunks, 7–22.06.2000, YM; 5♂♂, 5♀♀ (PPDRI, 1015), Yazd Prov., Yazd, Meibod [26], pomegranate orchard, 3–25.05.1998, Moosavi & Jafari; 6♀♀ (PPDRI, 893+889), Markazi Prov., Saveh [22], pomegranate orchard 15–25.05.1998, F. Mozaffarian.

COMMENTS. New records for Iran, and the easternmost localities for this Mediterranean species [cf. Prószyński, 2001].

*Talavera aequipes* (O. P.-Cambridge, 1871)

*Euophrys a.*: Tullgren, 1944: 37, f. 23B, pl. 3, f. 50–51 (♂♀)

*Euophrys a.*: Heimer & Nentwig, 1991: 498, f. 1330 (♂♀).

*Euophrys a.*: Logunov, Cutler & Marusik, 1993: 119, f. 16A–E (♂♀).

*Euophrys a.*: Roberts, 1995: 197, f. (♂♀).

*T. a.*: Metzner, 1999: 64, f. 29a–g (♂♀).

Material. IRAN: 1♀ (MMUM), Mazandaran Prov., near Barseh (36°37'N, 50°41'E) [7], among stones on scree, ca. 2000 m a.s.l., 10.06.2000, YM.

COMMENTS. This is a widespread Euro-Siberio-Central Asian species [see Logunov & Marusik, 2000b], which was recently recorded from Tehran Prov. (Tehran [17] and Latian Dam [18]) [see Logunov & Kronstedt, 2002].

*Thyene imperialis* (Rossi, 1846)

*T. i.*: Wesołowska & van Harten, 1994: 74, f. 150–153 (♂♀).

*T. i.*: Metzner, 1999: 132, f. 97a–1 (♂♀).

Material. IRAN: 1♂ (PPDRI, 864), Markazi prov., Saveh, Yal abad [22], pomegranate orchard, 6.06.1998, F. Mozaffarian.

COMMENTS. This is a Mediterranean species, new records for the Iranian fauna [cf. Metzner, 1999; Prószyński, 2001].

*Thyene* sp.

Material. IRAN: 3♂♂, 1♀ (MMUM), 2♀♀ (ZMTU), Tehran Prov., Latian Dam (35°48'N, 51°08'E) [18], 6–19.06.2000, YM; 2♀♀ (ZMTU), 1♂, 1♀ (SMNH), Fars Prov., ca. 50 km NE of Shiraz, Bamoo Res. (29°45'N, 52°45'E) [34], in grass along creek, 18–28.05.2000, YM; 1♀ (ZMTU), 1♂ (MMUM), same prov., ca. 25 km NE of Shiraz, Zarghan, Azadegan Park (29°47'N, 52°44'E) [34], sweeping grass and bushes, 25.05.2000, YM; 1♀ (ZMTU), same prov., Barm-e-peere-e-Gheibi [31], sweeping grass, 25.05.2000, YM; 1♂ (PPDRI, 450), Khozestan Prov., Dezfool, Safiabad [24], date and coll.?

COMMENTS. This is an unknown species closely related to *T. imperialis*. It is very likely that this is *Thyene lindbergi* Roewer, 1962, which was described by Roewer [1962] from Afghanistan after a single male, the holotype of which we were unable to re-examine (the original description of *T. lindbergi* does not allow identification). However, there are a number of very closely related and poorly distinguishable species known/described from E-Africa and the eastern Mediterranean [see Prószyński, 2001]. Therefore, the taxonomic status of *Thyene* sp. remains uncertain and needs further study, and the genus *Thyene* is in need of revision.

Besides which, all the specimens of *T. imperialis* recorded from Central Asia [see Logunov & Rakov, 1998] may actually belong to *T. lindbergi* or a related species. This problem deserves special attention in the future.

## Discussion

This very brief discussion provides some comparative data to evaluate our current knowledge of the jumping spiders of Iran. All comparative figures of species in the republics of the former USSR are taken from Mikhailov [1997, 1999, 2000].

Altogether 67 species, belonging to 35 genera (or 39, counting subgenera) are known to occur in Iran (tables 1 and 2), as compared to 23 hitherto registered species [see Mozaffarian & Marusik, 2001]. The number of Iranian salticids is similar to that of Azerbaijan (82) and Turkmenistan (88), whereas it is much higher than in Armenia (18) and much lower than in Kazakhstan (132). In Saudi Arabia and the Near East, an exact number of salticid species is known for Yemen [38; Wesolowska & Harten, 1994] and Israel, including adjacent areas [107; Prószyński, 2001]. The salticid faunas of neighbouring countries like Turkey, Iraq, Afghanistan and Pakistan remain poorly investigated, with a few or no species recorded so far [see Prószyński, 2001].

Judging from the general diversity of the Iranian biota, as well as numbers of salticid species in Israel (107) and Kazakhstan (132), we expect that the actual number of the salticid species in Iran will be at least twice the number recorded to date (67).

Currently, the most species rich salticid genera in Iran are *Heliophanus* (11 species) and *Chalcoscirtus* (6). Other genera have one to three species recorded, and 25 genera and subgenera are represented only by one species. This latter fact points beyond doubt to the incompleteness of our knowledge of the Iranian Salticidae. We would expect the presence of many more species in such groups as the Aelurillinae (*Aelurillus*, *Phlegra*, *Proszynskiana*), and the genera *Salticus* and *Pellenes*.

Although the distribution range limits of most salticid species in the faunas of the Mediterranean and the Near East are poorly understood, some preliminary conclusions can be made about the chorological structure of the Iranian salticid fauna. Of the 67 species with known ranges, 12 (18%) are known only from (or restricted to) Iran. A relatively small proportion of species are widespread, viz. Holarctic 2 species (3%) and trans-Palaearctic 13 (20%). Almost 1/3 of species (23 species or 31%) have more or less wide ranges within W. Palaearctic (Euro

Table 1. A summary table of the Iranian salticid species and their distribution.

Таблица 1. Сводная таблица видов иранских сальтицид и их распространения.

Species	Provinces of Iran	Distribution
<i>Aelurillus concolor</i> Kulczyński, 1901	Kerman	CA
A. sp. 1	Tehran, Fars	Iran
A. sp. 2	Fars	S. Iran
<i>Ballus depressus</i> (Walckenaer, 1802)	Mazandaran, W. Azarbayejan, Tehran, Markazi	Euro — CA
<i>Bianor albobimaculatus</i> (Lucas, 1846)	Mazandaran, Gilan, Fars, Khozestan,	S. Palaearctic — Afrotropical
<i>Chalcoscirtus</i> (s.str.) <i>infimus</i> (Simon, 1868)	Tehran	Mediterranean — CA
<i>C. iranicus</i> Logunov & Marusik, 1999	Tehran	N. Iran
<i>C. lepidus</i> Wesolowska, 1996	Tehran	CA
<i>C. nigritus</i> (Thorell, 1875)	Fars	Euro — Siberian
<i>C. hosseiniorum</i> sp.n.	Fars	S. Iran
<i>Chalcoscirtus</i> ( <i>Chalcosibiricus</i> ) <i>parvulus</i> Marusik, 1991	Tehran	CA
<i>Chinattus caucasicus</i> Logunov, 1999	Mazandaran	Caucasian
<i>Cyrba algerina</i> (Lucas, 1846)	Tehran, Fars	Mediterranean — CA
<i>C. ocellata</i> (Kroneberg, 1875)	Mazandaran	S. Palaearctic — Oriental - Australian
<i>Euophrys frontalis</i> (Walckenaer, 1802)	Mazandaran	Palaearctic
<i>E. sp.</i> (cf. <i>sulphurea</i> )	Tehran, Fars	Iran
<i>Evarcha arcuata</i> (Clerck, 1758)	Mazandaran	Palaearctic
<i>E. negevensis</i> Prószyński, 2000	Tehran	Near East — Iran
<i>E. praecincta</i> (Simon, 1989)	Fars	Near East — Iran
<i>Heliophanillus fulgens</i> (O. Pickard-Cambridge, 1872)	Yazd, Fars	E. Mediterranean — Iran
<i>Heliophanus</i> ( <i>Helafricanus</i> ) <i>edentulus</i> Simon, 1871	Tehran	Mediterranean — CA

Abbreviations: E. — East; Euro — European; CA — Central Asian; N. — North; S. — South.

Table 1 (continuation).  
Таблица 1 (продолжение).

Species	Provinces of Iran	Distribution
<i>Heliophanus</i> (s.str.) <i>cupreus</i> (Walckenaer, 1802)	Mazandaran	European
<i>H. decoratus</i> L. Koch, 1875	Fars	Mediterranean — CA
<i>H. dunini</i> Rakov & Logunov, 1997	Tehran	E. Caucasian — CA
<i>H. equester</i> L. Koch, 1867	W. Azarbayejan, Tehran, Fars	E. Mediterra- nean — Iran
<i>H. flavipes</i> Hahn, 1831	Mazandaran, Tehran	Palaeartic
<i>H. forcipifer</i> Kulczyński, 1895	Fars	Near East — Iran
<i>H. glaucus</i> Bösenberg & Lenz, 1895	Fars	Near East — Iran
<i>H. iranus</i> Wesolowska, 1986	Tehran	Iran
<i>H. mordax</i> (O. Pickard- Cambridge, 1872)	Mazandaran, Tehran, Fars	Near East — CA
<i>H. verus</i> Wesolowska, 1986	Mazandaran, Kerman	E. Caucasian
" <i>Hyllus</i> " <i>insularis</i> Meztner, 1999	Mazandaran, Tehran, Yazd	E. Mediterra- nean — Iran
<i>Irannattus rectangularis</i> Prószyński, 1992	Baloochestan	Iran
<i>Langona redii</i> (Savigny & Audouin, 1825)	Fars	Near East — Iran
<i>Macaroeris nidicolens</i> (Walckenaer, 1802)	Golestan	Mediterranean — CA
<i>Mendoza canestrinii</i> (Ninni in Canestrini & Pavesi, 1868)	Mazandaran	Palaeartic
<i>Menemerus semilimbatus</i> (Hahn, 1827)	Mazandaran	Mediterranean — Iran
<i>Mexcala farsensis</i> Logunov, 2001	Fars	Iran
<i>Mogrus neglectus</i> (Simon, 1868)	Tehran, Fars	Near East — CA
<i>Mymarachne tristis</i> Simon, 1901.	Khoozestan	E. Mediterra- nean — India
<i>Neon (Dicroneon) levis</i> (Simon, 1871)	Tehran	Euro — CA- Siberian
<i>Neon (Dicroneon) rayi</i> (Simon, 1875)	Tehran	Euro — CA- Siberian
<i>Neon</i> (s.str.) <i>reticulatus</i> (Blackwall, 1853)	Mazandaran	Holarctic
<i>Pellenes (Pelmultus)</i> <i>brevis</i> (Simon, 1868)	Tehran	Mediterranean — Iran

Table 1 (continuation).  
Таблица 1 (продолжение).

Species	Provinces of Iran	Distribution
<i>Pellenes epularis</i> (O.Pi- ckard-Cambridge, 1872)	E. Azarbayejan, Tehran, Fars	Euro — CA
<i>Pellenes</i> (s.str.) <i>seriatus</i> (Thorell, 1875)	Golestan, Kermanshah	Euro — CA
<i>Philaeus chrysops</i> (Poda, 1761)	Mazandaran, Tehran	Palaeartic
<i>Phintella castriesiana</i> (Grube, 1861)	Mazandaran	Amphi-Palae- artic
<i>Phlegra fasciata</i> (Hahn, 1826)	Mazandaran	Palaeartic
<i>P. tetralineata</i> (Caporiacco, 1939)	Tehran	Near East (?) — Iran
<i>Plexippoides flavescens</i> (O.Pickard-Cambridge, 1872)	Kerman, Fars	Near East (?) — CA
<i>Plexippus coccineus</i> Simon, 1902	Tehran	CA
<i>Pseudeuophrys erratica</i> (Walckenaer, 1826)	Mazandaran	Holarctic
<i>Pseudicius palaestinensis</i> Strand, 1915	Tehran, Yazd, Fars	Near East — Iran
<i>P. rudakii</i> Prószyński, 1992	Fars	Iran
<i>P. spasskyi</i> (Andreeva, Heciak & Prószyński, 1984)	Gilan	CA
<i>Salticus cingulatus</i> (Panzer, 1797)	Kerman	Palaeartic
<i>S. tricinatus</i> (C. L. Koch, 1846)	Fars	CA
<i>S. sp.</i>	W. Azarbayejan	Iran (?)
<i>Sibianor aurocinctus</i> (Ohlert, 1865)	Mazandaran	Euro — Siberian
<i>Sitticus ammophilus</i> (Thorell, 1875)	?	Euro — Siberian
<i>S. relictarius</i> Logunov, 1998	Mazandaran	Caucasian
<i>Stenaedurillus marusiki</i> Logunov, 2001	Fars	Iran
<i>Synageles dalmaticus</i> (Keyserling, 1863)	Tehran, Yazd, Markazi	Mediterranean — Iran
<i>Talavera aequipes</i> (O. Pickard-Cambridge, 1871)	Mazandaran	Palaeartic
<i>Thyene imperialis</i> (Rossi, 1846)	Tehran, Khoozestan, Markazi, Fars	S. Palaeartic — Oriental
<i>T. sp.</i>	Tehran, Fars, Khoozestan	Iran (?)

Table 2. A summary table of the Iranian genera (subgenera) of the jumping spiders and numbers of recorded species.  
Таблица 2. Сводная таблица иранских родов (подродов) пауков-скакунчиков и количество отмеченных видов.

Genera (subgenera)	Numbers of registered species	Genera (subgenera)	Numbers of registered species
<i>Aelurillus</i> Simon, 1884	3	<i>Myrmarachne</i> MacLeay, 1839	1
<i>Ballus</i> C. L. Koch, 1850	1	<i>Neon</i> (s.str.) Simon, 1886	1(2)
<i>Bianor</i> Peckham & Peckham, 1886	1	— ( <i>Dicroneon</i> Lohmander, 1945)	2
<i>Chalcoscirtus</i> (s.str.) Bertkau, 1880	5(6)	<i>Pellenes</i> (s.str.) Simon, 1876	1(3)
— ( <i>Chalcosibiricus</i> Marusik, 1991)	1	— ( <i>Pelmultus</i> Logunov, Marusik & Rakov, 1999)	2
<i>Chinattus</i> Logunov, 1999	1	<i>Philaeus</i> Thorell, 1869	1
<i>Cyrba</i> Simon, 1876	2	<i>Phintella</i> Strand, 1906	1
<i>Euophrys</i> C. L. Koch, 1834	2	<i>Phlegra</i> Simon, 1876	2
<i>Evarcha</i> Simon, 1902	3	<i>Plexippoides</i> Prószyński, 1984	1
<i>Heliophanillus</i> Prószyński, 1989	1	<i>Plexippus</i> C. L. Koch, 1846	1
<i>Heliophanus</i> C. L. Koch, 1833	10(11)	<i>Pseudeuophrys</i> Dahl, 1912	1
— ( <i>Helafricanus</i> Wesolowska, 1986)	1	<i>Pseudicius</i> Simon, 1885	3
" <i>Hyllus</i> " C. L. Koch, 1846	1	<i>Salticus</i> Latreille, 1804	3
<i>Irannattus</i> Prószyński, 1992	1	<i>Sibianor</i> Logunov, 2001	1
<i>Langona</i> Simon, 1901	1	<i>Sitticus</i> Simon, 1901	2
<i>Macaroeis</i> Wunderlich, 1992	1	<i>Stenaelurillus</i> Simon, 1885	1
<i>Mendoza</i> Peckham & Peckham, 1894	1	<i>Synageles</i> Simon, 1876	1
<i>Menemerus</i> Simon, 1868	1	<i>Talavera</i> Peckham & Peckham, 1909	1
<i>Mexcala</i> Peckham & Peckham, 1902	1	<i>Thyene</i> Simon, 1885	2
<i>Mogrus</i> Simon, 1882	1	Total 35 genera (39 genera & subgenera)	67

— Caucasian, Euro — Central — Asian, Mediterranean — Central Asian/Iran, Near East — Iran/Central Asia). Another 1/3 of species (21) are restricted to Iran, the Caucasus or Iran-Central Asia.

Further intensive studies of the salticids from such regions as Turkey, Afghanistan and Iraq are necessary to obtain a better picture of salticid distribution within and outside Iran and the E. Mediterranean in particular.

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