

New spider records from the middle reaches of the River Volga (Arachnida: Aranei)

Новые находки пауков из Среднего Поволжья (Arachnida: Aranei)

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КЛЮЧЕВЫЕ СЛОВА: пауки, фауна, Среднее Поволжье.

ABSTRACT. New faunistic records for 158 spider species from the middle reaches of the River Volga are provided. *Xysticus mongolicus* Schenkel, 1963, *Entelecara omissa* (O. Pickard-Cambridge, 1902) and *Lessertia dentichelis* (Simon, 1884) are new records for Russia. Twenty-two species are new records for the Middle Volga region. Some earlier misidentifications are corrected.

РЕЗЮМЕ. Приведены данные о фаунистических находках 158 видов пауков из Среднего Поволжья. *Xysticus mongolicus* Schenkel, 1963, *Entelecara omissa* (O. Pickard-Cambridge, 1902) и *Lessertia dentichelis* (Simon, 1884) указываются для фауны России впервые. Для фауны Среднего Поволжья впервые отмечается 22 вида. Исправлено несколько ошибочных определений.

Introduction

The Middle Volga region is a large physiographical province occupying the eastern part of geographic Europe and includes the range of habitat types from taiga to steppe. Arachnological investigations of the fauna for this region commenced more than two centuries ago, with more than 70 publications to date. Data from the aforementioned studies were recently catalogued by Krasnobaev & Matveyev [1993]. Subsequently, the spiders of the Mari El Republic (376 species) [Matveyev *et al.*, 1994], Samara (414 species) [Dunin, 1999; Krasnobaev & Matveyev, 1999] and Ulyanovsk (184 species) [Krasnobaev, 1999] regions were inventoried. The spider fauna of the whole Middle Volga region numbers nearly 600 species. Additional records for 158 species are provided here, with three species representing new records for Russia, 22 for the Middle Volga region, one for the Mari El Republic, and 26 and 12 for Ulyanovsk and Samara Areas respectively.

Spiders were collected by the following people from the regions indicated: V.A. Matveyev (VM) in the Mari El Republic; V.V. Zolotukhin (VZ) and A.Yu. Isaev (AI) in Ulyanovsk Area; E.A. Belosludtsev (EB), I.N. Goreslavets (IG), Yu.P. Krasnobaev (YUK), I.V. Lyubvina (IL), I.V. Pantelev (IP) and T. Sazonova (TS) in Samara Area. In the following

species list, collection localities are indicated by numbers in square brackets ([]) and are as shown in Map. The specimens upon which this paper is based are kept in the collection of the Zhiguli State Reserve (Bakhilova Polyana, Samara Area).

Misidentifications

The following misidentifications were recognized during the course of this study.

1. The identification of *Glyphesis cottonae* (La Touche, 1946) by Krasnobaev & Matveyev [1993] and Krasnobaev [1996] was incorrect, and refers to *Glyphesis nemoralis* Esyunin & Efimik, 1994.

2. The records of *Gnaphosa lapponum* (L. Koch, 1866) [Krasnobaev & Matveyev, 1993; Krasnobaev, 1996] belong to *Gnaphosa taurica* Thorell, 1875.

3. The identification of *Gnaphosa lugubris* (C.L. Koch, 1839) by Krasnobaev [1983] and Krasnobaev & Ovtsharenko [1986] was incorrect, and refers to *Gnaphosa taurica* Thorell, 1875.

4. The identification of *Gnaphosa opaca* (Herman, 1879) by Aleynikova & Tyshchenko [1969], Krasnobaev & Ovtsharenko [1986], Krasnobaev & Matveyev [1993], and Krasnobaev [1996] was incorrect and refers to either *Gnaphosa steppica* Ovtsharenko, Platnick & Song, 1992, or *Gnaphosa taurica* Thorell, 1875.

5. The records of *Philodromus aureolus* (Clerck, 1758) [Krasnobaev, 1983, 1986; Krasnobaev & Ovtsharenko, 1986; Krasnobaev & Matveyev, 1993] are incorrect and refer to *Philodromus cespitum* (Walckenaer, 1802).

Faunistic list

SCYTODIDAE

Scytodes thoracica (Latreille, 1802)

MATERIAL: Samara: 1 ♀, [29] Lopatino, 28.VIII.1999 leg. EB.

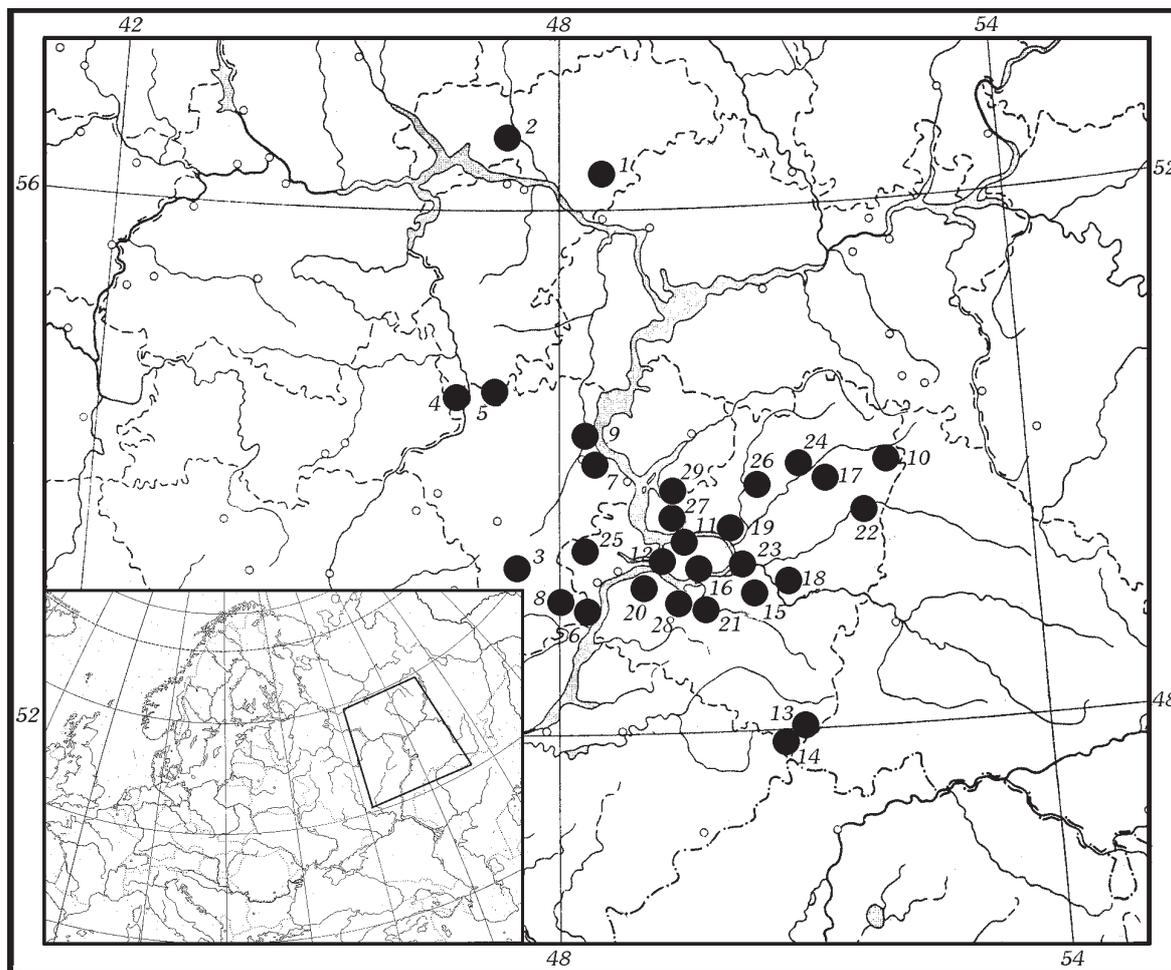
REMARKS: New for the Middle Volga region.

DISTRIBUTION: Europe, Ukraine, The Caucasus and the southern part of European Russia [Heimer & Nentwig, 1991; Mikhailov, 1997].

PHOLCIDAE

Pholcus phalangioides (Fuesslin, 1775)

MATERIAL: Ulyanovsk: 1 ♀, [9] Ulyanovsk, in house, 8.IV.1996, leg. AI.



Map. Collection localities of the Middle Volga region. Mari El Republic: 1 — “Mari Chodra” National Park, 2 — Starozhilsk; Ulyanovsk Area: 3 — Akulovka, 4 — Baryshskaya Sloboda, 5 — Bolshoy Kuvay, Maly Baryshok, 6 — Vyasovka, Ryabina, 7 — Lomy, 8 — Srednikovo, 9 — Ulyanovsk City, Samara Area: 10 — Baytugan River, 11 — Bakhilovo, Zhigulevsk, Zhiguli State Reserve, 12 — Bolshaya Ryasan, Brusyany, 13 — Vostochniy, 14 — zakaznik “Gryzly”, 15 — Duboviy Umet, 16 — Ermakovo, Shelekhmet, 17 — Karmalo-Adelyakovo, 18 — Krasnosamarskoe forestry, 19 — Malaya Tsarevshchina, Novosemeykino, 20 — Nizhnepecherskoe, 21 — Novokuibyshevsk, environs of Pokrovka, 22 — Pokhvistnevo, 23 — Samara City, 24 — Sergievsk, 25 — Smolkiino, 26 — Sosnovka, 27 — Togliatti City, Chapaevsk, 29 — Lopatino.

Карта. Места сбора в Среднем Поволжье. Республика Мари Эл: 1 — национальный парк “Мари Чодра”, 2 — Старожильск, Ульяновская область: 3 — Акуловка, 4 — Барышская Слобода, 5 — Большой Кувай, Малый Барышок, 6 — Вязовка, Рябина, 7 — Ломы, 8 — Средниково, 9 — Ульяновск, Самарская область: 10 — пойма р. Байтуган, 11 — Бахилово, Жигулевск, Жигулевский заповедник, 12 — Большая Рязань, Брюсяны, 13 — Восточный, 14 — заказник “Грызлы”, 15 — Дубовый Умет, 16 — Ермаково, Шелехмет, 17 — Кармало-Аделяково, 18 — Красно-Самарское лесничество, 19 — Малая Царевщина, 19 — Новосемейкино, 20 — Нижнепечерское, 21 — Новокуйбышевск, окрестности Покровки, 22 — Похвистнево, 23 — Самара, 24 — Сергиевск, 25 — Смолькино, 26 — Сосновка, 27 — Тольятти, 28 — Чапаевск, 29 — Лопатино.

REMARKS: New for Ulyanovsk Area.

MIMETIDAE

Ero aphana (Walckenaer, 1802)

MATERIAL: Samara: 1 ♂, [16] Ermakovo, steppe, 13.VI.1990, leg. YUK.

REMARKS: New for the Middle Volga region.

DISTRIBUTION: North Africa, South and Central Europe, Ukraine, The Caucasus and Russia: Rostov Area, Urals [Esyunin & Efimik, 1996].

Ero cambridgei Kulczyński, 1911

MATERIAL: Samara: 1 ♂, [16] Ermakovo, steppe, 13.VI.1990, leg. YUK.

REMARKS: New for the Middle Volga region.

DISTRIBUTION: Central Europe, Byelorussia, Estonia, Japan and Russia: Karelia, Urals [Esyunin & Efimik, 1996].

Ero furcata (Villers, 1789)

MATERIAL: Samara: 1 ♂, [18] Krasnosamarskoe forestry, 3.IX.1995, leg. IG.

ULOBORIDAE

Uloborus plumipes Lucas, 1846

MATERIAL: Ulyanovsk: 2 ♀♀, [3] Akulovka, 25.V.1996, leg. AI.
REMARKS: New for the Middle Volga region.

DISTRIBUTION: Africa, South and Central Europe, The Caucasus, Kazakhstan, Middle Asia, China, India, Java [Esyunin & Efimik, 1996].

THERIDIIDAE

Achaearanea lunata (Clerck, 1758)

MATERIAL: Ulyanovsk: 1 ♂, [4] Baryshskaya Sloboda, 8–10.V.1996, leg. AI.

REMARKS: New for Ulyanovsk Area.

Achaearanea riparia (Blackwall, 1834)

MATERIAL: Samara: 1 ♀, [28] Chapaevsk, 8.X.1999, leg. EB.

REMARKS: New for Samara Area.

Dipoena tristis (Hahn, 1833)

MATERIAL: Samara: 1 ♀, [20] Nizhnepecherskoe, 9–17.VI.1995, leg. IG.

Enoplognatha mordax (Thorell, 1875)

MATERIAL: Samara: 1 ♂, 1 ♀, [20] Nizhnepecherskoe, 15.VI.1995, leg. IG.

REMARKS: New for the Middle Volga region.

DISTRIBUTION: Europe [Heimer & Nentwig, 1991], The Caucasus, Middle Asia, Kazakhstan [Mikhailov, 1997].

Enoplognatha thoracica (Hahn, 1833)

MATERIAL: Samara: 1 ♂, [12] Bolshaya Ryasan, oak forest stepped, 2–5.VI.1998, leg. YUK.

REMARKS: New for the Middle Volga region.

DISTRIBUTION: Europe [Heimer & Nentwig, 1991], The Caucasus, Middle Asia [Mikhailov, 1997].

Euryopsis flavomaculata (C.L. Koch, 1836)

MATERIAL: Samara: 1 ♀, [24] Sergievsk, deciduous forest, 20.VII.1987, leg. IL; 1 ♂, [25] Smolkino, pine-deciduous forest, 9–11.VII.1997, leg. IL.

Euryopsis saukea Levi, 1951

MATERIAL: Mari-El: 1 ♀, [2] Starozhilsk, pine forest, 8.VII.1980, leg. VM.

REMARKS: New for the Middle Volga region.

DISTRIBUTION: North Africa, Middle and East Europe, South and East Siberia [Esyunin & Efimik, 1996].

Neottiuria bimaculata (Linnaeus, 1767)

MATERIAL: Samara: 2 ♀♀, [20] Nizhnepecherskoe, meadow, 15.VI.1995, leg. IG.

Robertus arundineti (O.Pickard-Cambridge, 1871)

MATERIAL: Samara: 2 ♀♀, [18] Krasnosamarskoe forestry, meadow, 1.VI–11.VII.1993, leg. IG.

Robertus lividus (Blackwall, 1836)

MATERIAL: Samara: 1 ♀, [22] Pokhvistnevo, meadow, 18.V.1995, leg. IG.

Steatoda bipunctata (Linnaeus, 1758)

MATERIAL: Ulyanovsk: 1 ♀, [4] Baryshskaya Sloboda, 8.V.1996, leg. AI.

Steatoda grossa (C.L. Koch, 1838)

MATERIAL: Ulyanovsk: 3 ♀♀, [9] Ulyanovsk, in house, 8.IV.1996, leg. AI.

REMARKS: New for Ulyanovsk Area.

Steatoda phalerata (Panzer, 1801)

MATERIAL: Samara: 2 ♂♂, [20] Nizhnepecherskoe, meadow, 9–17.VI.1995, leg. IG.

Steatoda triangulosa (Walckenaer, 1802)

MATERIAL: Ulyanovsk: 1 ♂, 2 ♀♀, [9] Ulyanovsk, in house, 8.IV.1996, leg. VZ.

REMARKS: New for Ulyanovsk Area.

Theridion melanurum Hahn, 1831

MATERIAL: Samara: 1 ♀, [18] Krasnosamarskoe forestry, meadow, 1.VI–11.VII.1993, leg. IG.

Theridion mystaceum Simon, 1873

MATERIAL: Ulyanovsk: 1 ♀, [3] Akulovka, 9–11.V.1996, leg. AI.

REMARKS: New for the Middle Volga region.

DISTRIBUTION: Central Europe, Moldova, Ukraine, Byelorussia, Estonia and Russia: Voronezh, Tula and Kursk areas, Altai, Urals [Esyunin & Efimik, 1996].

LINYPHIIDAE

Agyneta (Agyneta) ramosa Jackson, 1912

MATERIAL: Samara: 4 ♂♂, [27] Togliatti, pine forest, 1992, leg. IP.

Agyneta (Agyneta) subtilis (O.Pickard-Cambridge, 1863)

MATERIAL: Samara: 1 ♀, [25] Smolkino, pine plantings, 9–11.VII.1997, leg. IL.

REMARKS: New for Samara Area.

Allomengea scopigera (Grube, 1859)

MATERIAL: Samara: 1 ♂, [18] Krasnosamarskoe forestry, 17.VII–17.IX.1994, leg. IG.

Bolyphantes alticeps (Sundevall, 1832)

MATERIAL: Samara: 1 ♂, [22] Pokhvistnevo, meadow, 18.VIII.1995, leg. IG.

Dactylopiastes mirifica (Georgesco, 1976)

MATERIAL: Samara: 1 ♂, 1 ♀, [21] Novokuibyshevsk, garden, 7.V.1995, leg. IG.

Entelecara omissa (O.Pickard-Cambridge, 1902)

MATERIAL: Samara: 1 ♂, [12] Brusyany, edge of broad-leaved woodland, 2.VI.1998, leg. IL.

REMARKS: New for Russia. Known from Great Britain [Heimer & Nentwig, 1991].

Erigone dentipalpis (Wider, 1834)

MATERIAL: Samara: 1 ♀, [21] Novokuibyshevsk, garden, 7.V.1995, leg. IG.

Erigonidium graminicola (Sundevall, 1841)

MATERIAL: Samara: 1 ♂, [23] Samara, 6.VII.1999, leg. EB.

REMARKS: New for Samara Area.

Glyphesis nemoralis Esyunin et Efimik, 1994

LITERATURE DATA: Samara: [11] Zhiguli State Reserve [Esyunin & Efimik, 1994; Krasnobaev & Matveyev, 1993; *G. cottonae*; Krasnobaev, 1996: *G. c.*].

Helophora insignis (Blackwall, 1841)

MATERIAL: Samara: 1 ♀, [18] Krasnosamarskoe forestry, 3.IX.1995, leg. IG; 1 ♀, [22] Pokhvistnevo, 18.V.1995, leg. IG.

Lepthyphantes angulipalpis (Westring, 1851)
MATERIAL: Samara: 2 ♀♀, [18] Krasnosamarskoe forestry, meadow, 1.VI–11.VII.1993, leg. IG.

Lepthyphantes flavipes (Blackwall, 1854)
MATERIAL: Samara: 1 ♀, [18] Krasnosamarskoe forestry, meadow, 1.VI–11.VII.1993, leg. IG.

Lessertia denticelis (Simon, 1884)
MATERIAL: Samara: 1 ♂, [23] Samara, 29.VI–6.VII.1999, leg. EB.
REMARKS: New for Russia.
DISTRIBUTION: West Europe [Heimer & Nentwig, 1991].

Linyphia triangularis (Clerck, 1758)
MATERIAL: Samara: 2 ♂♂, 14 ♀♀, [22] Pokhvistnevo, 18.VIII.1995, leg. IG.

Maso sundevalli (Westring, 1851)
MATERIAL: Samara: 1 ♀, [11] Bakhilovo, deciduous forest, 10–20.VI.1988, leg. YUK.

Neriere peltata (Wider, 1834)
MATERIAL: Ulyanovsk: 3 ♂♂, 1 ♀, [4] Baryshskaya Sloboda, 8–10.V.1996, leg. VZ.
REMARKS: New for Ulyanovsk Area.

Neriere radiata (Walckenaer, 1841)
MATERIAL: Ulyanovsk: 3 ♀♀, [4] Baryshskaya Sloboda, 8–10.V.1996, leg. VZ; 1 ♀, [8] Srednikovo, 26.V.1996, leg. VZ.
REMARKS: New for Ulyanovsk Area.

Oedothorax apicatus (Blackwall, 1850)
MATERIAL: Samara: 2 ♀♀, [18] Krasnosamarskoe forestry, valley meadow, 1.VI–11.VII.1993, leg. IG.

Panamomops mengei Simon, 1926
MATERIAL: Samara: 4 ♂♂, [27] Togliatti, pine forest, 1992, leg. IP.

Silometopus incurvatus (O. Pickard-Cambridge, 1873)
MATERIAL: Samara: 1 ♂, [18] Krasnosamarskoe forestry, deciduous forest, 10.V–1.VI.1998, leg. IG.

Tapinocyba affinis Lessert, 1907
MATERIAL: Samara: 1 ♀, [12] Brusyany, meadow, 2.VI.1998, leg. IL.
REMARKS: New for the Middle Volga region.
DISTRIBUTION: Alps, E and SE Europe, The S. Urals [Heimer & Nentwig, 1991; Eshyunin & Efimik, 1996].

Trematocephalus cristatus (Wider, 1834)
MATERIAL: Samara: 1 ♂, [18] Krasnosamarskoe forestry, meadow, 1.VI–11.VII.1993, leg. IG.

Trichoncus affinis Kulczyński in Chyzer et Kulczyński, 1894
MATERIAL: Samara: 1 ♂, [18] Krasnosamarskoe forestry, deciduous forest, 10.V–1.VI.1998, leg. IG.

Troxochrus scabriculus (Westring, 1851)
MATERIAL: Samara: 1 ♀, [19] Malaya Tsarevshchina, pine forest, 4.V.1996, leg. IG; 2 T T, [25] Smol'kino, bank of a brook, 9–11.VII.1997, leg. IL.

Walckenaeria (Wideria) antica (Wider, 1834)
MATERIAL: Samara: 1 ♂, [18] Krasnosamarskoe forestry, 17.VII–17.IX.1994, leg. IG.

TETRAGNATHIDAE

Pachygnatha clercki Sundevall, 1823
MATERIAL: Samara: 1 ♀, [18] Krasnosamarskoe forestry, in moss, 11.VII.1995; 1 ♂, [23] Samara, bank of the Samara River, 11.V.1997, all leg. IG; 1 ♂, 1 ♀, [16] Shelekhmet, oak forest, 29.VII–4.VIII.1998, leg. IL.

Pachygnatha degeeri Sundevall, 1830
MATERIAL: Samara: 1 ♀, [21] Novokuibyshevsk, garden, 7.V.1995, leg. IG.

Tetragnatha dearmata Thorell, 1873
MATERIAL: Samara: 1 ♂, [20] Nizhnepecherskoe, 15.VI.1995, leg. IG.

Tetragnatha montana Simon, 1874
MATERIAL: Samara: 2 ♂♂, 2 ♀♀, [20] Nizhnepecherskoe, meadow, 9–17.VI.1995, leg. IG.

ARANEIDAE

Agalenatea redii (Scopoli, 1763)
MATERIAL: Ulyanovsk: 2 ♀♀, [3] Akulovka, 25.V.1996, leg. VZ.

Araniella cucurbitina (Clerck, 1758)
MATERIAL: Samara: 1 ♀, [21] Novokuibyshevsk, garden, 7.V.1995; 1 ♂, [24] Sergievsk, 15.VI.1983, all leg. IG.

Araniella displicata (Hentz, 1847)
MATERIAL: Ulyanovsk: 2 ♀♀, [4] Baryshskaya Sloboda, 8–10.V.1996, leg. VZ; Samara: 1 ♀, [25] Smol'kino, bank of brook, 9–11.VII.1997, leg. IL.
REMARKS: New for Ulyanovsk Area.

Araniella opistographa (Kulczynski, 1905)
MATERIAL: Ulyanovsk: 2 ♀♀, [4] Baryshskaya Sloboda, 8–10.V.1996, leg. VZ.
REMARKS: New for Ulyanovsk Area.

Cyclosa conica (Pallas, 1772)
MATERIAL: Ulyanovsk: 2 ♀♀, [4] Baryshskaya Sloboda, 8–10.V.1996, leg. VZ; Samara: 1 ♂, [18] Krasnosamarskoe forestry, meadow, 1.VI–11.VII.1993, leg. IG.
REMARKS: New for Ulyanovsk Area.

Cyphepeira silvicultrix (C.L. Koch, 1844)
MATERIAL: Ulyanovsk: 1 ♀, [4] Baryshskaya Sloboda, 8–10.V.1996, leg. VZ; Samara: 1 ♀, [13] Vostochny, steppe with *Festuca* and *Stipa*, 3–12.VI.1995, leg. IG.
REMARKS: New for Ulyanovsk and Samara areas.

Gibbaranea bituberculata (Walckenaer, 1802)
MATERIAL: Samara: 3 ♀♀, [20] Nizhnepecherskoe, meadow, 9–17.VI.1995, leg. IG.

Hypsosinga heri (Hahn, 1831)
MATERIAL: Samara: 1 ♀, [18] Krasnosamarskoe forestry, bank of Mokhovoe Lake, 4.VII.1995; 1 ♀, [20] Nizhnepecherskoe, bank of Lipovoe Lake, 13.VI.1995, leg. IG.

Hypsosinga pygmaea (Sundevall, 1831)
MATERIAL: Samara: 1 ♀, [20] Nizhnepecherskoe, 15.VI.1995, leg. IG; 1 ♂, [12] Brusyany, bank of Volga, 2.VI.1998, leg. IL.
REMARKS: New for Samara Area.

Hypsosinga sanguinea (C.L. Koch, 1844)
MATERIAL: Ulyanovsk: 1 ♂, [8] Srednikovo, 26.V.1996, leg. VZ.

Neoscona adianta (Walckenaer, 1802)

MATERIAL: Samara: 1 ♀, [18] Krasnosamarskoe forestry, meadow, 4.VII.1995; 1 ♀, [20] Nizhnepecherskoe, bank of Lipovoe Lake, 13.VI.1995, all leg. IG.

LYCOSIDAE

Alopecosa cuneata (Clerck, 1758)

MATERIAL: Ulyanovsk: 1 ♀, [8] Srednikovo, 26.V.1996, leg. VZ.
REMARKS: New for Ulyanovsk Area.

Alopecosa cursor (Hahn, 1831)

MATERIAL: Ulyanovsk: 5 ♀♀, [6] Vyasovka, 29.IV–9.V.1996, leg. VZ.

REMARKS: New for Ulyanovsk Area.

Alopecosa fabrilis (Clerck, 1758)

MATERIAL: Samara: 1 ♂, [14] Grylsy, steppe, 6–8.V.1995, leg. IG.

Alopecosa inquilina (Clerck, 1758)

MATERIAL: Ulyanovsk: 1 ♀, [5] Maly Baryshok, 27–29.VI.1996, leg. VZ; Samara: 1 ♀, [10] Baytugan, 21.IX.1995, leg. IG.

Alopecosa sulzeri (Pavesi, 1873)

MATERIAL: Ulyanovsk: 1 ♀, [8] Srednikovo, 15–16.VII.1993, leg. AI.

Alopecosa taeniopus (Kulczynski, 1895)

MATERIAL: Ulyanovsk: 2 ♀♀, [6] Vyasovka, 29.IV–9.V.1996, leg. VZ.

REMARKS: New for Ulyanovsk Area.

Arctosa leopardus (Sundevall, 1832)

MATERIAL: Samara: 1 ♂, [20] Nizhnepecherskoe, willow association, 14.VI.1995, leg. IG.

Arctosa stigmosa (Thorell, 1875)

MATERIAL: Samara: 2 ♀♀, [18] Krasnosamarskoe forestry, 17.VII–17.IX.1994, leg. IG.

REMARKS: New for the Middle Volga region. Distributed in Central Europe, Kazakhstan, South and Middle Siberia, Middle Asia [Esyunin & Efimik, 1996].

Pardosa fulvipes (Collett, 1875)

MATERIAL: Samara: 1 ♂, [11] Zhigulevsk, edge of broad-leaved forest, 16–19.VI.1987, leg. YUK.

REMARKS: New for Samara Area.

Pardosa nebulosa (Thorell, 1872)

MATERIAL: Ulyanovsk: 1 ♀, [6] Vyasovka, 29.IV–9.V.1996, leg. VZ.

REMARKS: New for Ulyanovsk Area.

Pardosa paludicola (Clerck, 1758)

MATERIAL: Ulyanovsk: 1 ♀, [6] Vyasovka, 29.IV–9.V.1996, leg. VZ.

Pardosa schenkeli Lessert, 1904

MATERIAL: Mari El: 1 ♀, [1] Mari Chodra, pine plantings, 7.VI.1989, leg. VM; Samara: 2 ♀♀, [25] Smolkino, dry meadow, 9–11.VII.1997, leg. IL. Ulyanovsk: 1 ♂, [4] Baryshskaya Sloboda, 8–10.V.1996, leg. VZ.

REMARKS: New for Mari El Republic and Ulyanovsk Area.

Pirata hygrophilus Thorell, 1872

MATERIAL: Samara: 1 ♀, [11] Zhiguli State Reserve, bank of Volga River, 26.VIII.1995, leg. IG.

REMARKS: New for Samara Area.

Trochosa ruricola (De Geer, 1778)

MATERIAL: Ulyanovsk: 1 ♀, [6] Vyasovka, 29.IV–9.V.1996, leg. VZ.

Trochosa spinipalpis (O.Pickard-Cambridge, 1895)

MATERIAL: Samara: 2 ♀♀, [25] Smolkino, Racheiskie "Alpy", 9–11.VII.1997, leg. IL.

Xerolycosa miniata (C.L. Koch, 1834)

MATERIAL: Samara: 2 ♂♂, [25] Smolkino, cutting down, 9–11.VII.1997, leg. IL.

Xerolycosa nemoralis (Westring, 1861)

MATERIAL: Samara: 1 ♂, 3 ♀♀, [20] Nizhnepecherskoe, meadow, 9–17.VI.1995, leg. IG; 1 ♂, [25] Smolkino, cutting down, 9–11.VII.1997, leg. IL.

PISAURIDAE

Pisaura mirabilis (Clerck, 1758)

MATERIAL: Ulyanovsk: 1 ♂, [5] Maly Baryshok, 27–29.VI.1996, leg. VZ; Samara: 1 ♀, [18] Krasnosamarskoe forestry, 19.V.1995; 4 ♀♀, [20] Nizhnepecherskoe, 16.V.1995, all leg. IG.

AGELENIDAE

Agelena labyrinthica (Clerck, 1758)

MATERIAL: Samara: 2 ♂♂, [25] Smolkino, cutting down, 9–11.VII.1997, leg. IL.

HAHNIIDAE

Hahnia nava (Blackwall, 1841)

MATERIAL: Samara: 1 ♂, [27] Togliatti, pine forest, 1992, leg. IP.

DICTYNIDAE

Archaeodictyna consecuta (O.Pickard-Cambridge, 1872)

MATERIAL: Samara: 1 ♂, [21] Pokrovka, 5.VI.1996, leg. IG.

Dictyna vicina Simon, 1873

MATERIAL: Mari El: 1 ♂, [1] Mari Chodra, red bilberry pine forest, 9.VI.1989, leg. VM.

REMARKS: New for the Middle Volga region. European species.

Mastigusa arietina (Thorell, 1871)

MATERIAL: Samara: 1 ♀, [18] Krasnosamarskoe forestry, 3.IX.1995, leg. IG.

REMARKS: New for the Middle Volga region.

DISTRIBUTION: South and Central Europe, Estonia, Transcarpathia, Urals [Esyunin & Efimik, 1996], Middle Siberia.

TITANOECIDAE

Titanoeca schineri L. Koch, 1872

MATERIAL: Ulyanovsk: 1 ♀, [6] Ryabina, 10.13.III.1993, leg. AI. Samara: 1 ♂, [13] Vostochny, steppe with *Festuca* and *Stipa*, 3–12.VI.1995; 1 ♂, [15] Dubovy Umet, deciduous forest, 23.VI.1982, all leg. IG.

REMARKS: New for Ulyanovsk Area.

Titanoeca tristis L. Koch, 1872

MATERIAL: Mari El: 1 ♂, 1 ♀, [1] Mari Chodra, mossy pine forest, 2.VII.1990, leg. VM; Samara: 4 ♂♂, [11] Zhiguli State Reserve, no date, leg. YUK.

REMARKS: New for Samara Area.

OXYOPIDAE

Oxyopes ramosus (Martini et Goeze, 1778)

MATERIAL: Ulyanovsk: 3 ♀♀, [4] Baryshskaya Sloboda, 8–10.V.1996, leg. VZ.

ANYPHAENIDAE

Anypaena accentuata (Walckenaer, 1802)

MATERIAL: Ulyanovsk: 1 ♀, [5] Bolshoy Kuvay, 11–13.VI.1996, leg. VZ; Samara: 2 ♂♂, [18] Krasnosamarskoe forestry, 6.IX.1992, leg. IG.

REMARKS: New for Ulyanovsk and Samara areas.

LIOCRANIDAE

Agroeca brunnea (Blackwall, 1833)

MATERIAL: Samara: 3 ♂♂, [18] Krasnosamarskoe forestry, VII.1991, leg. IG.

Agroeca cuprea Menge, 1873

MATERIAL: Samara: 1 ♀, [18] Krasnosamarskoe forestry, deciduous forest, 10.V–1.VI.1998, leg. IG; 1 ♀, [27] Togliatti, 1992, leg. IP.

Scotina celans (Blackwall, 1841)

MATERIAL: Mari El: 1 ♀, [2] Starozhilsk, birch forest, 7.VII.1980, leg. VM.

REMARKS: New for the Middle Volga region. European species [Heimer & Nentwig, 1991].

CLUBIONIDAE

Cheiracanthium elegans Thorell, 1875

MATERIAL: Ulyanovsk: 1 ♀, [7] Lomy, 22.VI.1993, leg. VZ.
REMARKS: New for the Middle Volga region. Known from Middle and East Europe [Heimer & Nentwig, 1991].

Cheiracanthium pennyi O.Pickard-Cambridge, 1873

MATERIAL: Samara: 5 ♂♂, [28] Chapaevsk, 11.VI.1999, leg. EB.
REMARKS: New for Samara Area.

Clubiona frisia Wunderlich et Schuett, 1995

MATERIAL: Ulyanovsk: 1 ♂, [6] Vyasovka, 29.IV–9.V.1996, leg. VZ, det. K.G. Mikhailov.

REMARKS: New for the Middle Volga region.

Clubiona neglecta O.Pickard-Cambridge, 1862

MATERIAL: Samara: 2 ♀♀, [18] Krasnosamarskoe forestry, meadow, 1.VI–11.VII.1993; 1 ♀, [20] Nizhnepecherskoe, 9–17.VI.1995, all leg. IG.

Clubiona pallidula (Clerck, 1758)

MATERIAL: Samara: 1 ♂, [18] Krasnosamarskoe forestry, deciduous forest, 10.V–1.VI.1998; 1 ♀, [21] Pokrovka, steppe, 9.V.1995, all leg. IG.

Clubiona phragmitis C.L. Koch, 1843

MATERIAL: Samara: 1 ♀, [18] Krasnosamarskoe forestry, meadow, 1.VI–11.VII.1993, leg. IG.

GNAPHOSIDAE

Berlandina cinerea (Menge, 1868)

MATERIAL: Samara: 1 ♂, [25] Smolkino, pine plantings, 4–8.VII.1997, leg. IL.

Callilepis nocturna (Linnaeus, 1758)

MATERIAL: Samara: 2 ♂♂, [20] Nizhnepecherskoe, 14.VI.1995; 1 ♀, [23] Samara, bank of the Samara River, 31.V.1997, all leg. IG.

Drassodes pubescens (Thorell, 1856)

MATERIAL: Samara: 2 ♂♂, [20] Nizhnepecherskoe, 9–17.VI.1995, leg. IG.

Drassylus pusillus (C.L. Koch, 1833)

MATERIAL: Samara: 1 ♂, [20] Nizhnepecherskoe, meadow, 9–17.VI.1995, leg. IG.

Gnaphosa bicolor (Hahn, 1833)

MATERIAL: Samara: 1 ♀, [18] Krasnosamarskoe forestry, 6.VII.1992, leg. IG.

REMARKS: New for Samara Area.

Gnaphosa leporina (L. Koch, 1866)

MATERIAL: Samara: 1 ♂, [25] Smolkino, pine plantings, 4–8.VII.1997, leg. IL.

Gnaphosa modestior Kulczyński, 1897

MATERIAL: Samara: 3 ♂♂, [28] Chapaevsk, 15–22.V.1999; 6 ♂♂, [28] Chapaevsk, 5–12.VI.1999, all leg. EB.
REMARKS: New for the Middle Volga region.
DISTRIBUTION: Ukraine, The Caucasus [Ovishsharenko et al., 1992].

Haplodrassus signifer (C.L. Koch, 1839)

MATERIAL: Samara: 3 ♀♀, [20] Nizhnepecherskoe, 14.VI.1995, leg. IG.

Haplodrassus soerenseni (Strand, 1900)

MATERIAL: Samara: 1 ♂, [20] Nizhnepecherskoe, 14.VI.1995, leg. IG.

Haplodrassus umbratilis (L. Koch, 1866)

MATERIAL: Samara: 1 ♀, [20] Nizhnepecherskoe, 14.VI.1995, leg. IG.

Leptodrassus memorialis Spassky, 1940

MATERIAL: Ulyanovsk: 2 ♀♀, [6] Ryabina, 11–13.VII.1993, leg. AI.
REMARKS: New for Ulyanovsk Area.

Phaeoedus braccatus (L. Koch, 1866)

MATERIAL: Samara: 1 ♀, [18] Krasnosamarskoe forestry, 1.VII.1999, leg. IG.

Urozelotes yutian (Platnick et Song, 1986)

MATERIAL: Samara: 1 ♂, [18] Krasnosamarskoe forestry, 10.V–1.VI.1998, leg. IG; 1 ♂, [23] Samara, 6–13.VI.1999, leg. EB.
REMARKS: New for the Middle Volga region.
DISTRIBUTION: Russia: Chelyabinsk Area; East Kazakhstan, China [Esyunin & Efimik, 1997].

Zelotes clivicola (L. Koch, 1870)

MATERIAL: Samara: 1 ♂, [11] Zhiguli State Reserve, stony steppe, 29.IV–12.V.1987; 1 ♂, id., 12–26.V.1987; 1 ♂, [11] Zhiguli State Reserve, dry meadow, 27.V–11.VI.1987, all leg. YUK.

Zelotes longipes (L. Koch, 1866)

MATERIAL: Ulyanovsk: 1 ♀, [6] Vyasovka, 29.IV–9.V.1996, leg. VZ.

REMARKS: New for Ulyanovsk Area.

Zelotes mundus (Kulczyński in Chyzer et Kulczyński, 1897)

MATERIAL: Samara: 2 ♂♂, 2 ♀♀, [11] Zhigulevsk, glade of forest, 16–19.VI.1987, leg. TS.

REMARKS: New for the Middle Volga region.

DISTRIBUTION: Hungary, Balkans; Russia: Kalmykiya [Ponomarev, 1981; Minoranskiy, Ponomarev, 1984].

Zelotes pygmaeus Miller, 1943

MATERIAL: Samara: 9 ♂♂, [28] Chapaevsk, 29.V–5.VI.1999, leg. EB.

REMARKS: New for the Middle Volga region.

DISTRIBUTION: Middle and East Europe, Ukraine, East Kazakhstan, The S. Urals [Esyunin & Efimik, 1996].

ZORIDAE

Zora armillata Simon, 1878

MATERIAL: Ulyanovsk: 2 ♀♀, [4] Baryshskaya Sloboda, 8–10.V.1996, leg. VZ.

REMARKS: New for the Middle Volga region.

DISTRIBUTION: Central Europe, Estonia, Byelorussia, Russia: Kursk, Bryansk and Chelyabinsk areas [Esyunin & Efimik, 1996].

Zora pardalis Simon, 1878

MATERIAL: Samara: 1 ♂, [25] Smolkino, pine plantings, 4–8.VII.1997, leg. IL.

PHILODROMIDAE

Philodromus cespitum (Walckenaer, 1802)

MATERIAL: Samara: 1 ♂, 2 ♀♀, [18] Krasnosamarskoe forestry, meadow, 1.VI–11.VII.1993; 5 ♂♂, 7 ♀♀, [20] Nizhnepcherskoe, 9–17.VI.1995, all leg. IG.

LITERATURE DATA. Samara [Krasnobaev, Ovtsharenko, 1986: sub *Ph. aureolus*]: [11] Zhiguli State Reserve [Krasnobaev, 1983: sub *Ph. a.*, 1996: sub *Ph. a.*], [17] Karmalo-Adelyakovo, [19] Novosemeykino, [23] Samara, [26] Sosnovka [Krasnobaev, Matveyev, 1993: *Ph. a.*].

Philodromus emarginatus (Schrank, 1803)

MATERIAL: Ulyanovsk: 1 ♂, 1 ♀, [4] Baryshskaya Sloboda, 8–10.V.1996, leg. VZ.

Philodromus fuscomarginatus (De Geer, 1778)

MATERIAL: Ulyanovsk: 1 ♀, [5] Bolshoy Kuvay, 11–13.VI.1996, leg. VZ.

REMARKS: New for Ulyanovsk Area.

Philodromus histrio (Latreillei, 1819)

MATERIAL: Ulyanovsk: 2 ♀♀, [3] Akulovka, 25.V.1996, leg. VZ; Samara: 1 ♀, [14] Grylsy, steppe, 6–8.V.1995, leg. IG.

Philodromus poecilus (Thorell, 1872)

MATERIAL: Ulyanovsk: 1 ♀, [3] Akulovka, 25.V.1996, leg. VZ. REMARKS: New for Ulyanovsk Area.

Thanatus formicinus (Clerck, 1758)

MATERIAL: Samara: 1 ♀, [18] Krasnosamarskoe forestry, meadow, 1.VI–11.VII.1993; 1 ♀, [20] Nizhnepcherskoe, 15.VI.1995, all leg. IG; 1 ♂, [27] Togliatti, pine forest, leg. IP.

Tibellus maritimus (Menge, 1875)

MATERIAL: Ulyanovsk: 1 ♂, 1 ♀, [4] Baryshskaya Sloboda, 8–10.V.1996, leg. VZ; Samara: 1 ♀, [20] Nizhnepcherskoe, 15.VI.1995, leg. IG.

THOMISIDAE

Misumena vatia (Clerck, 1758)

MATERIAL: Samara: 1 ♀, [18] Krasnosamarskoe forestry, meadow, 9.V.1996, leg. IG.

Misumenops tricuspidatus (Fabricius, 1775)

MATERIAL: Samara: 3 ♀♀, [20] Nizhnepcherskoe, 15.VI.1995, leg. IG. Ulyanovsk: 1 ♀, [3] Akulovka, 25.V.1996, leg. VZ.

Ozyptila atomaria (Panzer, 1801)

MATERIAL: Ulyanovsk: 1 ♀, [8] Srednikovo, 15–16.VII.1993, leg. AI.

REMARKS: New for Ulyanovsk Area.

Ozyptila trux (Blackwall, 1846)

MATERIAL: Samara: 1 ♂, [16] Shelekhmet, valleyland meadow, 29.VII–4.VIII.1998, leg. IL.

REMARKS: New for Samara Area.

Thomisus albus (Gmelin, 1769)

MATERIAL: Ulyanovsk: 1 ♂, [3] Akulovka, 25.V.1996, leg. VZ; Samara: 1 ♀, [20] Nizhnepcherskoe, 16.VI.1995, leg. IG.

Tmarus piger (Walckenaer, 1802)

MATERIAL: Ulyanovsk: 1 ♂, [3] Akulovka, 25.V.1996; 1 ♀, [4] Baryshskaya Sloboda, 8–10.V.1996; 2 ♀♀, [8] Srednikovo, 26.V.1996, all leg. VZ.

REMARKS: New for Ulyanovsk Area.

Xysticus audax (Schrank, 1803)

MATERIAL: Ulyanovsk: 2 ♂♂, 2 ♀♀, [8] Srednikovo, 26.VI–4.VII.1993, leg. AI; Samara: 1 ♀, [20] Nizhnepcherskoe, 9–17.VI.1995, leg. IG.

Xysticus bifasciatus C.L. Koch, 1837

MATERIAL: Ulyanovsk: 1 ♀, [8] Srednikovo, 15–16.VII.1993, leg. AI.

REMARKS: New for Ulyanovsk Area.

Xysticus cristatus (Clerck, 1758)

MATERIAL: Ulyanovsk: 3 ♀♀, [8] Srednikovo, 26.V.1996, leg. VZ.

Xysticus gallicus Simon, 1875

MATERIAL: Ulyanovsk: 1 ♀, [8] Srednikovo, 15–16.VII.1993, leg. AI.

REMARKS: New for Ulyanovsk Area.

Xysticus lineatus (Westring 1851)

MATERIAL: Samara: 3 ♂♂, [11] Zhiguli State Reserve, deciduous forest, 23.V–10.VI.1988, leg. YUK.

REMARKS: New for Samara Area.

Xysticus mongolicus Schenkel, 1963

MATERIAL: Ulyanovsk: 1 ♀, [3] Akulovka, 25.V.1996, leg. VZ. REMARKS: New for the Russian fauna. Kazakhstan, China [Utochkin & Savelyeva, 1995].

Xysticus robustus (Hahn, 1832)

MATERIAL: Samara: 1 ♂, [25] Smolkino, bank of brook, 9–11.VII.1997, leg. IL.

Xysticus striatipes L. Koch, 1870

MATERIAL: Ulyanovsk: 2 ♀♀, [6] Vyasovka, 29.IV–9.V.1996, leg. VZ; Samara: 1 ♂, [22] Pokhvistnevo, 18.V.1995; 3 ♀♀, [21] Pokrovka, 5.VI.1996, all leg. IG.

Xysticus ulmi (Hahn, 1831)

MATERIAL: Ulyanovsk: 1 ♂, 4 ♀♀, [4] Baryshskaya Sloboda, 8–10.V.1996, leg. VZ.

SALTICIDAE

Asianellus festivus (C.L. Koch, 1834)

MATERIAL: Ulyanovsk: 8 ♀♀, [6] Vyasovka, 1996, leg. VZ.
REMARKS: New for Ulyanovsk Area.

Chalcoscirtus nigritus (Thorell, 1875)

MATERIAL: Ulyanovsk: 2 ♂♂, [6] Ryabina, 10.VI–13.VII.1993, leg. AI.

REMARKS: New for the Middle Volga region.

DISTRIBUTION: Europe and Siberia [Logunov & Marusik, 1998].

Marpissa muscosa (Clerck, 1758)

MATERIAL: Samara: 1 ♀, [18] Krasnosamarskoe forestry, pine forest, 2.V.1994, leg. IG.

Marpissa radiata (Grube, 1859)

MATERIAL: Samara: 3 ♀♀, [11] Zhiguli State Reserve, meadow, 22.VII.1998, leg. IL.

REMARKS: New for Samara Area.

Sitticus caricis (Westring, 1861)

MATERIAL: Samara: 1 ♀, [20] Nizhnepecherskoe, 14.VI.1995, leg. IG.

Sitticus distinguendus (Simon, 1868)

MATERIAL: Samara: 1 ♀, [18] Krasnosamarskoe forestry, bank of the Samara River, 17.VII–17.IX.1994, leg. IG.

Sitticus dzieduszycycki (L. Koch, 1870)

MATERIAL: Samara: 1 ♀, [18] Krasnosamarskoe forestry, bank of the Samara River, 17.VII–17.IX.1994; 1 ♂, [21] Pokrovka, 5.VI.1996, all leg. IG.

Sitticus zimmermanni Simon, 1877

MATERIAL: Samara: 1 ♀, [28] Chapaevsk, 3–10.VII.1999, leg. EB.

REMARKS: New for the Middle Volga region.

DISTRIBUTION: Europe, Kopetdagh, mountains of South Siberia [Heimer & Nentwig, 1991; Mikhailov, 1997].

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