

On the spider fauna (Arachnida: Aranei) of Udmurt Republic

К фауне пауков (Arachnida: Aranei) Удмуртской Республики

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KEY WORDS: spider, fauna, Udmurtia.

КЛЮЧЕВЫЕ СЛОВА: пауки, фауна, Удмуртия.

ABSTRACT. A check-list of 195 spider species of 105 genera and 24 families collected from Udmurtia is provided. Of them 125 species are new to Udmurtia. Local records of all the recorded species are given.

РЕЗЮМЕ. Для Удмуртии приведен список из 195 видов из 105 родов 24 семейств пауков. Из них 125 видов впервые указаны с территории Удмуртии. Даны точки находок пауков.

Introduction

Udmurtia (=Udmurt Republic) is situated in the east part of the Russian Plain and lies within the boreal and subboreal zones which include the following three subzones: the southern taiga, the coniferous-broadleaved forests dominated by conifers and the broadleaved-coniferous forests dominated by broadleaved trees (Map) [Baranova, 2002].

The spider fauna of Udmurtia remains poorly studied. The first record of a single species, *Allohogna singoriensis* (Laxman, 1770), was made by L.K. Krulikovskiy [1892, 1908] for Kirov Area. Although three more species were reported by Krulikovskiy [1908] from “Vyatka Government”, their exact localities are unknown to us because we failed to obtain the original paper; the information is thus based on Shernin [1971]. Therefore, it is not clear whether these records were made from Udmurtia or from Kirov Area.

The first and the latest major paper concerning the spiders of Udmurtia is that by Zubko & Roshchinenko [1981], who published a list of 69 species of 16 families. On the basis of these data, three species, *Allohogna singoriensis*, *Arctosa perita* (Latreille, 1799) and *Eresus kollari* Rossi, 1846, were included in the “Red book of Udmurt Republic” [Zubko, 2001]. Thus, by the beginning of our research 70 spider species had been known from Udmurtia. Records of 21 species have not been confirmed by our own data.

In this paper, we have summarized both the literature-derived and original data on spiders of Udmurtia. To date, this spider fauna consists of 195 species of 105 genera and 24 families. Compared to the spider faunas of neighbouring Mari-El Republic, Tartaria, Chuvashia (389, 254 and 238 species, correspondingly [Krasnobaev, 2004]), Kirov (296 species [Esyunin et al., 2011]) and Perm areas (542 species Esyunin, unpublished data), the species number known from Udmurtia (195 species) is relatively low.

Material and methods

This study is based on the spider collections made by the authors in several localities of Udmurtia in 2007–2010, as well as the one by A.V. Il’ina from the vicinity of Cheptsya Village in 2008. Detailed information concerning the studied localities is presented below.

Description of the collecting localities (Map)

South taiga subzone

1. Cheptsya Village, Kez District, VII.2008.
2. Starye Zyatcy Village, Yakshur-Bod’ya District, V.2010.
3. 25 km from Izhevsk to Yakshur-Bod’ya, Yakshur-Bod’ya District, IX.2009.
4. 16 km from Izhevsk to Yakshur-Bod’ya, Yakshur-Bod’ya District, X.2009.
5. Volozhka Village, Zav’yalovo District, VI.2010.
6. Izhevsk City, VII & IX.2009.

Subboreal (=nemoral) zone

7. National Park «Nechkinskiy» (grey color in map), Zav’yalovo, Votkinsk & Sarapul Districts:
 - a. Doksha Village, Zav’yalovo District, VI.2008, VI.2009, VI, VIII & IX.2010;

- b. Siva biostation, near PereFvoznoe Village, Votkinsk District, VI.2007, VI.2008, VIII.2009, VIII.2010;
 c. Novyi Village, Votkinsk District, VI.2008, VI & VIII.2009, VI-VII.2010;
 d. Environs of Volkovskii Village, Votkinsk District, VI.2009, VI.2010;
 e. Gol'yany Village, Zav'yalovo District, VIII.2010;
 f. Makarovo Village, Zav'yalovo District, VI.2009;
 g. Nechkino Village, Sarapul District, VI & VIII.2009.
 8. Parshur Village, Mozhga District, VII.2008.
 9. Stariy Utchan Village, Alnashy District, VII.2009.
 10. Pirogovo Village, Alnashy District, VII.2009.

The studied material is shared between the collections of the Udmurtskiy State University, Izhevsk, Russia and the Department of Zoology of the Perm State University, Perm, Russia (PSU).

Abbreviations used in the text: ANS — A.N. Sozontov, AVI — A.V. Il'ina, juv. — juv. specimens.

AGELENIDAE

Tegenaria domestica (Clerck, 1758)

Udmurtia [Zubko & Roshchinenko, 1981]: in house.

ANYPHAENIDAE

Anypaena accentuata (Walkenaer, 1802)

MATERIAL. 1 subadult ♂, 4 juv. [7]: Siva, small-leaved forest, 10.VIII.2010, leg. ANS.

ARANEIDAE

Aculepeira ceropegia (Walckenaer, 1802)

MATERIAL. 1 ♀ (PSU-6068) [9], mixed forest, 10.VII.2009, leg. ANS.

Agalenatea redii (Scopoli, 1763)

MATERIAL. 1 subadult ♀ [7]: Novyi, mixed forest, 19.VIII.2009, leg. ANS.

Araneus alsine (Walckenaer, 1802)

MATERIAL. 1 subadult ♂ [7]: Novyi, bottomland oak forest, 21.VI.2009, leg. ANS.

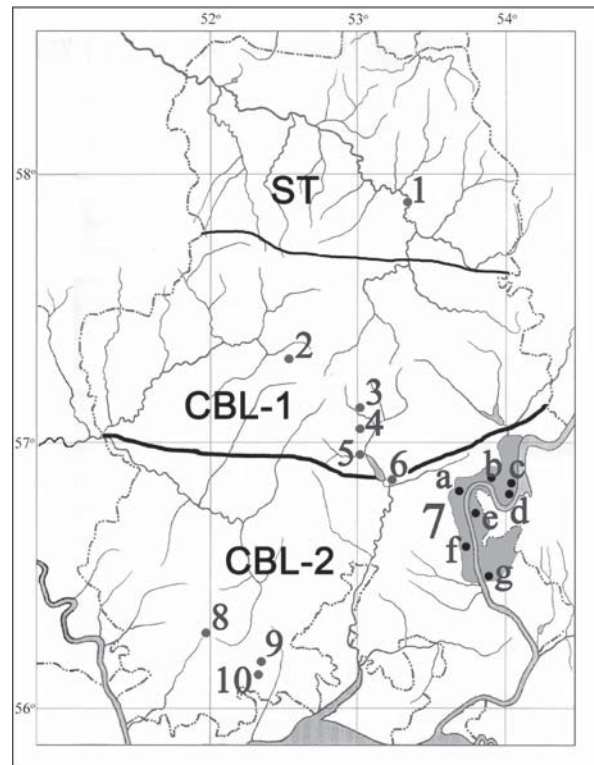
Araneus angulatus Clerck, 1758

MATERIAL. 1 ♀ [7]: Novyi, dry meadow, 18.VIII.2009, leg. ANS; 1 ♀ [8], edge of mixed forest, 21.VII.2008, leg. ANS; 1 ♀: Krasnogorskoe District, Krasnogorskoe Village, in a crone of the birch (*Betula pendula*) standing on the bank of a pond, VIII.2009, K.V. Vasil'ev.

Araneus diadematus Clerck, 1758

MATERIAL. 1 subadult ♀ [3], small-leaved forest, 15.IX.2009, leg. ANS; 3 ♂♂, 9 ♀♀ [7]: Siva, small-leaved & mixed forests, 24.VIII.2009, 10.VIII.2010, leg. ANS; 1 subadult ♂ [7]: Novyi, edge of mixed forest, 21.VI.2009, leg. ANS; 1 juv., same locality, *Pinus* forest, 17.V.2009, leg. ANS; 1 ♀, same locality, dry meadow on bank of Kama River, 21.VIII.2009, leg. ANS; 4 ♀♀ [7]: Gol'yany, bottomland meadow, dry lichen-grass association on sand, 7.VIII.2010, leg. ANS;

Udmurtia [Zubko & Roshchinenko, 1981]: *Picea-Betula* & *Alnus* forests.



Map. Collecting localities (1–10; see for the explanations given in “Description of the collecting localities”) and the scheme of vegetation subzones of the Udmurt Republic. The vegetation zone and subzones: ST — south taiga subzone, CBL — subboreal zone with two subzones: 1 — coniferous-broadleaved forests, 2 — broadleaved-coniferous forests.

Карта. Локалитеты (описание смотри в разделе “Description of the collecting localities”) и схемы растительных зон и подзон Удмуртской Республики. Растительные зоны и подзоны: ST — подзона южной тайги, CBL — подтаёжная зона с двумя подзонами: 1 — хвойно-широколиственных лесов, 2 — широколиственно-хвойных лесов.

Araneus marmoreus Clerck, 1758

MATERIAL. 1 ♀, [1], birch forest, VII.2008, leg. AVI; 1 ♀, [2], kitch-garden, VIII.2009, leg. ANS; 1 subadult ♂, [7]: Siva, bottomland *Quercus* forest, 10.VIII.2010, leg. ANS; 1 subadult ♀, [7]: Novyi, *Sphagnum* bog, 19.VI.2009, leg. ANS; 1 ♀, same locality and biotope, 18.VIII.2009, leg. ANS; 1 ♂, [7]: Nechkino, bottomland meadow, 09.VI.2009, leg. ANS; 1 ♂, 1 ♀, [8], meadow bog, 21.VII.2008, leg. ANS; 1 ♂, [9], bog, 7.VII.2009, leg. ANS;

Udmurtia [Zubko & Roshchinenko, 1981]: *Picea-Betula* & *Pinus* forests.

Araneus quadratus Clerck, 1758

MATERIAL. 1 ♀ [5], multitherbaceous meadow, VI.2010, leg. ANS; 1 ♀ [2], building, VIII.2009, leg. ANS; 1 ♀, 2 subadult ♀♀ [7]: Volkovskii, bottomland oak forest, coastal vegetation, 20.VI.2009, leg. ANS.

Araneus sturmi (Hahn, 1831)

MATERIAL. 1 ♀ [7]: Doksha, bank of river, 20.VI.2008, leg. ANS.

Araniella proxima (Kulczyński, 1885)

MATERIAL. 1 ♂ [7]: Novyi, bog, 18.VI.2008, leg. ANS; 1 ♀ [7]: Volkovskii, shrub on edge of bog, 18.VI.2009, leg. ANS; 1 ♂

[7]: Nechkino, *Salex* thicket on bank, 09.VI.2009, leg. ANS; 1 ♀ [9], edge of mixed forest, 8.VII.2009, leg. ANS.

Cercidia prominens (Westring, 1851)

MATERIAL. 1 ♂ [7]: Nechkino, *Pinus* forest, VIII.2009, leg. ANS.

Cyclosa conica (Pallas, 1772)

MATERIAL. 1 subadult ♂ [3], *Pinus* forest, 15.IX.2009, leg. ANS; 2 ♂♂, 2 ♀♀ [7]: Novyi, *Pinus* forest, 16–17.VI.2009, leg. ANS; 1 ♀ [9], edge of mixed forest, 8.VII.2009, leg. ANS.

Cyclosa iculata (Walckenaer, 1802)

MATERIAL. 1 ♀ [7]: Novyi, dry meadow, 198.VI.2008, leg. ANS.

Gibbaranea omoeda (Thorell, 1870)

Udmurtia [Zubko & Roshchinenko, 1981]: *Picea-Betula* & *Pinus* forests.

Hypsosinga heri (Hahn, 1831)

MATERIAL. 3 ♀♀, [7]: Siva, bottomland meadow, 15.VI.2008, leg. ANS; 2 ♀♀, [7]: Volkovskii, coastal vegetation, 20.VI.2009, leg. ANS.

Hypsosinga pygmaea (Sundevall, 1831)

MATERIAL. 1 ♂, [7]: Siva, bottomland *Quercus* forest, 15.VI.2008, leg. ANS; 2 ♀♀, [7]: Novyi, dry multiherbaceous meadow & bottomland oak forest, 21.VI.2009, leg. ANS; 2 ♂♂, 2 ♀♀, [7]: Volkovskii, bog, 12.VI.2010, leg. ANS.

Larinioides cornutus (Clerck, 1757)

MATERIAL. 1 ♀ [5], multiherbaceous meadow, VI.2010, leg. ANS; 9 ♂♂, 4 ♀♀ [7]: Siva, bottomland *Quercus* forest & bottomland meadow, 15.VI.2008, leg. ANS; ; 1 ♀ [7]: Novyi, edge of mixed forest, 18.VI.2009, leg. ANS; 2 ♀♀, same locality, dry multiherbaceous meadow & bottomland meadow, 21.VI.2009, leg. ANS; 5 ♀♀, 1 subadult ♂ [7]: Volkovskii, bottomland oak forest, bog, coastal vegetation, 18–20.VI.2009, leg. ANS; 1 ♀ [7]: Nechkino, bottomland meadow, 9.VI.2009, leg. ANS.

Larinioides ixobolus (Thorell, 1873)

MATERIAL. 1 ♀ [7]: Doksha, bank of river, 10.VIII.2010, leg. ANS; 1 ♀ [2], kitchen-garden, VIII.2009, leg. ANS; 1 ♀ [7]: Siva, bottomland meadow, VI.2007, leg. ANS; 1 ♂, 3 ♀♀, same locality, bottomland *Quercus* forest, wall of shed, 10.VIII.2010, leg. ANS.

Udmurtia [Zubko & Roshchinenko, 1981]: *Picea-Betula* & *Pinus* forests.

Larinioides patagiatus (Clerck, 1757)

MATERIAL. 1 ♀ [1], kitchen garden, VII.2008, leg. AVII; 1 ♀ [7]: Doksha, bank of river, 23.VI.2009, leg. ANS; 1 ♂, same locality and biotope, 10.VIII.2010, leg. ANS; 5 ♀♀ [7]: Siva, small-leaved forest, 10.VIII.2010, leg. ANS; 1 ♂, 3 ♀♀ [7]: Novyi, earthen bank of a water basin, 19.VIII.2009, leg. ANS; 1 ♀ [7]: Volkovskii, shrub on edge of bog, 18.VI.2009, leg. ANS; 2 ♀♀ [7]: Nechkino, bottomland meadow, 9.VI.2009, leg. ANS; 1 ♀ [9], bank of lake, 8.VII.2009, leg. ANS.

Udmurtia [Zubko & Roshchinenko, 1981]: *Picea-Betula* & *Pinus* forests, forest meadow.

Larinioides suspicax (O.Pickard-Cambridge, 1876)

MATERIAL. 2 ♀♀ [9], bank of lake, 8.VII.2009, leg. ANS.

Mangora acalypha (Walckenaer, 1802)

MATERIAL. 8 juv. [1], dry multiherbaceous and agricultural meadows, VII.2008, leg. AVII; 2 ♀♀ [7]: Novyi, bog, 19.VI.2009,

leg. ANS; 1 ♂, 2 ♀♀, same locality, dry meadow & multiherbaceous *Pinus* forest, 10–12.VI.2010, leg. ANS; 2 ♀♀, 2 subadult ♂♂, 4 juv. [7]: Volkovskii, dry meadow, shrub on edge of bog, 18.VI.2009, leg. ANS; 3 ♀♀, same locality, dry meadow, 12.VI.2010, leg. ANS.

Udmurtia [Zubko & Roshchinenko, 1981]: *Pinus* forest, forest meadow.

Singa hamata (Clerck, 1758)

MATERIAL. 1 ♂ [7]: Doksha, bank of river, 11.IX.2010, leg. ANS; 1 ♂, 1 ♀ [7]: Novyi, bottomland meadow & dry meadow on bank of Kama River, 21.VI.2009, leg. ANS; 1 juv., same locality, *Pinus* forest, 17.VI.2009, leg. ANS; 1 ♂, 2 ♀♀, same locality, *Pinus* forest with green moss & earthen bank of a water basin, 10–16.VI.2010, leg. ANS; 1 juv. [7]: Volkovskii, dry meadow, 12.VI.2010, leg. ANS; 1 ♂ [7]: Makarovo, bank of river, 10.VI.2009, leg. ANS; 1 ♂, 1 ♀ [7]: Nechkino, mixed forest, bottomland meadow, 09.VI.2009, leg. ANS; 1 ♀ [7]: Siva, small-leaved forest, 24.VIII.2009, leg. ANS; 2 ♀♀ [10], multiherbaceous meadow, 10.VII.2009, leg. ANS.

Singa nitidula C.L. Koch, 1844

MATERIAL. 1 ♀ [7]: Doksha, bank of river, 23.VI.2009, leg. ANS; 1 ♀ [7]: Siva, bottomland meadow, 10.VIII.2010, leg. ANS; 1 ♀ [7]: Novyi, *Pinus* forest, 17.VI.2009, leg. ANS; 1 ♀, same locality and biotope, 11.IX.2010, leg. ANS; 1 ♂ [7]: Makarovo, bank of river, 10.VI.2009, leg. ANS.

Stroemiellus stroemi (Thorell 1875)

MATERIAL. 7 ♂♂, 2 ♀♀ (PSU-5315) [1], kitchen garden, VII.2008, leg. AVII; 1 ♀ [7]: Novyi, mixed forest, litter, 19.VIII.2009, leg. ANS.

CHEIRACANTHIIDAE

Cheiracanthium erraticum (Walckenaer, 1802)

MATERIAL. 1 ♀ (PSU-5309) [1], dry multiherbaceous meadows, VII.2008, leg. AVII; 4 ♀♀ [7]: Novyi, edge of mixed forest, kitchen garden, 16–21.VI.2009, leg. ANS; 1 ♂, 1 ♀ [7]: Volkovskii, bottomland oak forest, shrub on edge of bog, 18–20.VI.2009, leg. ANS; 1 ♀ [7]: Gol'yany, bottomland meadow, 7.VIII.2010, leg. ANS.

Cheiracanthium pennyi O. Pickard-Cambridge, 1873

MATERIAL. 1 ♀ [1], agricultural meadows, VII.2008, leg. AVII.

CLUBIONIDAE

Clubiona diversa O. Pickard-Cambridge, 1862

Udmurtia [Zubko & Roshchinenko, 1981]: forest meadow.

Clubiona lutescens Westring, 1851

MATERIAL. 3 ♀♀ [7]: Novyi, mixed forest, litter, 16.VI & 21.VIII.2009, leg. ANS.

Udmurtia [Zubko & Roshchinenko, 1981]: forest meadow.

Clubiona neglecta O. Pickard-Cambridge, 1862

MATERIAL. 1 ♂ [5], multiherbaceous meadow, VI.2010, leg. ANS.

Udmurtia [Zubko & Roshchinenko, 1981]: forest meadow, bank of lake.

Clubiona pseudoneglecta Wunderlich, 1994

MATERIAL. 1 ♀ [7]: Novyi, dry meadow, 21.VIII.2009, leg. ANS; 1 ♀, same locality, earthen breakage of a water basin, 10.VI.2010, leg. ANS.

Clubiona reclusa O. Pickard-Cambridge, 1863

MATERIAL. 1 ♂ [7]: Siva, bottomland meadow, 26.VI.2008, leg. ANS; 3 ♀♀ [7]: Novyi, dry meadow & bottomland meadow, 21.VI.2009, leg. ANS; 1 ♂ [7]: Makarovo, bank of river, 10.VI.2009, leg. ANS.

Clubiona similes L. Koch, 1867

Udmurtia [Zubko & Roshchinenko, 1981]: forest meadow.

Clubiona stagnatilis Kulczynski, 1897

MATERIAL. 1 ♂ [7]: Novyi, bottomland meadow, 21.VI.2009, leg. ANS; 1 ♀ [9], bank of lake, 8.VII.2009, leg. ANS.

Clubiona subsultans Thorell, 1875

MATERIAL. 1 ♂, 1 ♀ [4], mixed forest, 6.X.2009, leg. ANS; 1 ♀ [7]: Siva, bottomland meadow, 26.VI.2008, leg. ANS.

CORINNIDAE

Phrurolithus festivus (C.L. Koch, 1835)

MATERIAL. 1 ♀ [7]: Novyi, *Pinus* forest, 17.VI.2009, leg. ANS.

CYBAEIDAE

Argyroneta aquatica (Clerck, 1758)

MATERIAL. 1 ♀ [7]: Novyi, former river-bed, in water, VI.2009, leg. ANS.

Udmurtia [Zubko & Roshchinenko, 1981]: water ecosystem.

DICTYNIDAE

Dictyna arundinacea (Linnaeus, 1758)

MATERIAL. 1 ♂ [1], VII.2008, dry multiherbaceous meadow, leg. AVII; 2 ♀♀ [5], multiherbaceous meadow, VI.2010, leg. ANS; 1 ♀ [7]: Novyi, bottomland *Quercus* forest, 12.VI.2009, leg. ANS; 1 ♀, same locality, dry meadow, 10.VI.2010, leg. ANS; 3 ♀♀ [7]: Volkovskii, bottomland oak forest, 20.VI.2009, leg. ANS; 4 ♀♀, same locality, dry meadow, 18.VI.2009 & 12.VI.2010, leg. ANS; 1 ♀, same locality, bog, 10.VI.2010, leg. ANS; 1 ♀ [7]: Nechkino, mixed forest, 9.VI.2009, leg. ANS.

Udmurtia [Zubko & Roshchinenko, 1981]: *Pinus*, *Picea-Betula* & *Alnus* forests.

Dictyna pusilla Thorell, 1856

MATERIAL. 1 ♀ [7]: Siva, bottomland meadow, VI.2010, leg. ANS.

Dictyna uncinata Thorell, 1856

MATERIAL. 1 ♀ [7]: Novyi, earthen breakage of a water basin, 2.VII.2010, leg. ANS.

ERESIDAE

Eresus kollari Rossi, 1846

REMARKS. This species absent in our collection. It is recorded on the basis of the message of D.A. Adakhoskii, who observed three male on bank Kama River coast opposite to Gol'yany Village (Zav'yalovo District) at 02.VI.2006.

Karakulino District [Zubko, 2001: as *Eresus cinnaberinus* (Oliver, 1789)].

GNAPHOSIDAE

Berlandina cinerea (Menge, 1872)

MATERIAL. 1 juv. [7]: Novyi, *Pinus* forest, 17.VI.2009, leg. ANS.

Udmurtia [Zubko & Roshchinenko, 1981]: fallow land.

Drassodes lapidosus (Walckenaer, 1802)

Udmurtia [Zubko & Roshchinenko, 1981]: fallow land.

Drassodes villosus (Thorell, 1856)

Udmurtia [Zubko & Roshchinenko, 1981]: fallow land.

Drassyllus pusillus (C.L. Koch, 1833)

MATERIAL. 1 ♀ [6], recreation park, IX.2009, ANS.

Haplodrassus signifier (C.L. Koch, 1839)

Udmurtia [Zubko & Roshchinenko, 1981]: fallow land.

Haplodrassus silvestris (Blackwall, 1833)

MATERIAL. 1 ♀ [7]: Novyi, mixed forest, 16.VI.2009, leg. ANS.

Haplodrassus soerenseni (Strand, 1900)

MATERIAL. 1 ♀ [7]: Volkovskii, bog, VI.2009, leg. ANS.

Micaria pulicaria (Sundevall, 1831)

MATERIAL. 1 ♀ [10], multiherbaceous meadow, 10.VII.09, leg. ANS.

Zelotes subterraneus (C.L. Koch, 1833)

MATERIAL. 1 ♀ [7]: Novyi, small-leaved forest, 12.VI.2010, leg. ANS; 1 ♂, same locality, mixed forest, 2.VII.2010, leg. ANS.

LINYPHIIDAE

Abacoproeces saltuum (L. Koch, 1872)

MATERIAL. 1 ♂ [7]: Novyi, *Pinus* forest, pitfall-traps, 12.VI.2010, leg. ANS; 1 ♂ [7]: Nechkino, mixed forest, pitfall-traps, VIII.2009, leg. ANS.

Agyneta innotabilis (O. Pickard-Cambridge, 1863)

MATERIAL. 1 ♀ [7]: Novyi, *Pinus* forest, pitfall-traps, 12.VI.2010, leg. ANS.

Agyneta subtilis (O. Pickard-Cambridge, 1863)

MATERIAL. 1 ♂ [9], edge of mixed forest, 8.VII.2009, leg. ANS.

Asthenargus paganus (Simon, 1884)

MATERIAL. 1 ♀ [3], *Pinus* forest, 15.IX.2009, leg. ANS

Bathyphantes approximatus (O. Pickard-Cambridge, 1871)

MATERIAL. 1 ♀ [1], birch forest, VII.2008, leg. AVII.

Bathyphantes gracilis (Blackwall, 1841)

MATERIAL. 1 ♂ [1], birch forest, VII.2008, leg. AVII.

Bolyphantes alticeps (Sundevall, 1833)

MATERIAL. 1 ♂ [7]: Siva, small-leaved forest, 10.VIII.2010, leg. ANS; 1 ♂ [7]: Novyi, mixed forest, litter, 21.VIII.2009, leg. ANS; 2 ♀♀ [7]: Gol'yany, bottomland meadow, 7.VIII.2010, leg. ANS.

Ceratinella brevis (Wider, 1834)

Udmurtia [Zubko & Roshchinenko, 1981]: fallow land.

Diplostyla concolor (Wider, 1834)

MATERIAL. 1 ♂, 1 ♀ [1], birch forest, VII.2008, leg. AVII. Udmurtia [Zubko & Roshchinenko, 1981]: *Picea-Betula* forest, fallow land, field of wheat.

Dismodicus bifrons (Blackwall, 1841)

MATERIAL. 1 ♂ [7]: Nechkino, mixed forest, pitfall-traps, 9.VI.2009, leg. ANS.

Drapetisca socialis (Sundevall, 1833)

MATERIAL. 1 ♀ [7]: Doksha, bank of river, 11.IX.2010, leg. ANS; 1 ♀ [4], mixed forest, 06.X.2009, leg. ANS.

Udmurtia [Zubko & Roshchinenko, 1981]: *Picea-Betula* & *Pinus* forests.

Erigone atra Blackwall, 1833

Udmurtia [Zubko & Roshchinenko, 1981]: *Picea-Betula* & *Pinus* forests, forest meadow, field of potatoes.

Erigone dentipalpis (Wider, 1834)

MATERIAL. 1 ♀ [1], kitchen garden, VII.2008, leg. AVII.

Udmurtia [Zubko & Roshchinenko, 1981]: fallow land, field of wheat.

Gonyliidium rufipes (Linnaeus, 1758)

MATERIAL. 2 ♂♂ [1], kitchen garden, VII.2008, leg. AVII; 1 subadult ♂, 1 subadult ♀ [7]: Siva, small-leaved forest, 10.VIII.2010, leg. ANS.

Helophora insignis (Blackwall, 1841)

MATERIAL. 1 ♂ [1], birch forest, VII.2008, leg. AVII; 2 ♂♂, 1 ♀ [7]: Siva, small-leaved forest, 24.VIII.2009, 10.VIII.2010, leg. ANS; 1 ♀ [7]: Gol'yany, bottomland meadow, 7.VIII.2010, leg. ANS.

Hylyphantes graminicola (Sundevall, 1830)

MATERIAL. 1 ♂ [7]: Doksha, bank of river, 11.IX.2010, leg. ANS.

Hypomma bituberculatum (Wider, 1834)

MATERIAL. 1 ♀ [7]: Novyi, bottomland meadow, 21.VI.2009, leg. ANS.

Kaestneria pullata (O. Pickard-Cambridge, 1863)

MATERIAL. 1 ♀ [7]: Volkovskii, *Pinus* forest, 18.VI.2009, leg. ANS.

Linyphia hortensis Sundevall, 1830

MATERIAL. 1 ♀ [7]: Novyi, *Pinus* forest, 17.VI.2009, leg. ANS.

Linyphia triangularis (Clerck, 1758)

MATERIAL. 1 ♀ [3], *Larix* forest, canopy, 15.IX.2009, leg. ANS; 1 ♀ [7]: Siva, fire station, 24.VIII.2009, leg. ANS; 5 ♂♂, 3 ♀♀, same locality, small-leaved forest, 10.VIII.2010, leg. ANS; 1 ♂, 6 ♀♀ [7]: Novyi, mixed forest & dry meadow on bank Kama River, 19-21.VIII.2009, leg. ANS; 1 ♂, 4 ♀♀ [7]: Gol'yany, bottomland meadow, 07.VIII.2010, leg. ANS.

Udmurtia [Zubko & Roshchinenko, 1981]: *Picea-Betula* & *Pinus* forests, forest meadow.

Microlinyphia pusilla (Sundevall, 1830)

MATERIAL. 1 ♂ [1], agricultural meadow, VII.2008, leg. AVII.

Microneta viaria (Blackwall, 1841)

MATERIAL. 2 ♀♀ [7]: Novyi, mixed forest, litter, 16.VI.2009, leg. ANS.

Neriere clathrata (Sundevall, 1830)

MATERIAL. 1 ♀, [1], dry multiherbaceous meadow, VII.2008, leg. AVII; 1 ♀ [7]: Nechkino, mixed forest, 19.VIII.2009, leg. ANS.

Neriere emphana (Walckenaer, 1802)

MATERIAL. 1 ♀ [7]: Novyi, *Pinus* forest, VII.2008, leg. AVII; 1 subadult ♂, 1 subadult ♀, same locality, *Pinus* forest with *Picea* and *Betula*, 19.VI.2009, leg. ANS; 1 ♀, same locality, earthen bank of a water basin, 19.VIII.2009, leg. ANS; 1 ♂, same locality, *Pinus* forest, 12.VI.2010, leg. ANS; 5 ♀♀, same locality, mixed forest, 19.VIII.2009, 2.VII.2010, leg. ANS.

Udmurtia [Zubko & Roshchinenko, 1981]: *Picea-Betula* & *Pinus* forests.

Neriere montana (Clerck, 1758)

MATERIAL. 2 ♂♂ [1], kitchen garden, VII.2008, leg. AVII; 2 subadult ♂♂ [3], *Sphagnum* bog, 15.IX.2009, leg. ANS; 2 ♂♂ [7]: Siva, *Salix* thicket, 15.VI.2008, leg. ANS; 4 ♀♀ [7]: Novyi, mixed forest, bottomland meadow & microcave in bank of a water basin, 17-21.VI.2009, leg. ANS; 5 ♀♀, same locality, earthen bank of a water basin, 2.VII & 19.VIII.2009, leg. ANS; 1 subadult ♂, same locality, mixed forest, 19.VIII.2009, leg. ANS; 4 ♀♀ [7]: Makarovo, bank of river, 10.VI.2009, leg. ANS.

Neriere peltata (Wider, 1834)

MATERIAL. 1 ♀ [5], multiherbaceous meadow, VI.2010, leg. ANS; 1 ♀ [7]: Nechkino, mixed forest, 08.VI.2009, leg. ANS.

Neriere radiata (Walckenaer, 1842)

MATERIAL. 2 ♂♂ [7]: Novyi, *Sphagnum* bog, 19.VI.2009, leg. ANS; 1 ♀, same locality and biotope, 18.VIII.2009, leg. ANS; 3 ♀♀, same locality, *Pinus* forest with green moss, 19.VI.2010, leg. ANS.

Oedothorax apicatus (Blackwall, 1850)

MATERIAL. 3 ♂♂, 1 ♀ [1], kitchen garden, VII.2008, leg. AVII.

Oedothorax retusus (Westring, 1851)

MATERIAL. 1 ♀ [2], kitchen-garden, VIII.2009, leg. ANS. Udmurtia [Zubko & Roshchinenko, 1981]: *Picea-Betula* forest, forest meadow, field of wheat, fallow land.

Panamomops mengei Simon, 1926

MATERIAL. 1 ♀ [7]: Novyi, mixed forest, litter, 16.VI.2009, leg. ANS.

Pityohyphantes phrygianus (C.L. Koch, 1836)

MATERIAL. 1 ♂ [1], VII.2008, leg. AVII.

Poecilometopon variegata (Blackwall, 1841)

Udmurtia [Zubko & Roshchinenko, 1981]: "artificial territories".

Porrhomma pygmaeum (Blackwall, 1834)

MATERIAL. 2 ♂♂ [7]: Siva, bottomland *Quercus* forest, 15.VI.2008, leg. ANS; 1 ♂ [7]: Makarovo, bank of river, 10.VI.2009, leg. ANS.

Praestigia kulczynskii Eskov, 1979

MATERIAL. 1 ♀ [7]: Siva, bottomland *Quercus* forest, 15.VI.2008, leg. ANS.

Silometopus elegans (O. Pickard-Cambridge, 1872)

MATERIAL. 1 ♂ [7]: Makarovo, bank of river, 10.VI.2009, leg. ANS.

Silometopus reussi (Thorell, 1871)

MATERIAL. 1 ♀ [2], 9.V.2010, leg. ANS.

Tenuiphantes nigriventris (C.L. Koch, 1879)

MATERIAL. 1 ♀ [3], *Sphagnum* bog, 15.IX.2009, leg. ANS.

Tenuiphantes tenebricola (Wider, 1834)

MATERIAL. 1 ♂ [7]: Siva, small-leaved forest, 10.VIII.2010, leg. ANS.

Trematocephalus cristatus (Wider, 1834)

MATERIAL. 1 ♀ [7]: Siva, bottomland meadow, 15.VI.2008, leg. ANS; 1 ♂ [7]: Novyi, dry meadow, 10.VI.2010, leg. ANS.

Walckenaeria mitrata (Menge, 1868)

MATERIAL. 1 ♂ [7]: Novyi, small-leaved forest, pitfall-traps, 12.VI.2010, leg. ANS.

LIOCRANIDAE

Agroeca brunnea (Blackwall, 1833)

Udmurtia [Zubko & Roshchinenko, 1981]: *Pinus* forest.

LYCOSIDAE

Acantholycosa lignaria (Clerck, 1758)

MATERIAL. 1 ♂ [7]: Makarovo, bank of river, 10.VI.2009, leg. ANS.

Allohogna singoriensis (Laxman, 1770)

Kizner, Syumsi, Malaja Purga, Sarapul, Votkinsk and Yakshur-Bod'ya Districts [Krulikovskiy, 1892, 1908: as *Lycosa latreillei*; Zubko & Roshchinenko, 1981: as *Lycosa*; Zubko, 2001: as *Lycosa*].

Alopecosa aculeata (Clerck, 1758)

MATERIAL. 1 ♂ [7]: Nechkino, *Pinus* forest, pitfall-traps, VIII.2009, leg. ANS.

Alopecosa cuneata (Clerck, 1757)

MATERIAL. 1 ♂ [6], recreation park, IX.2009, ANS.
Udmurtia [Zubko & Roshchinenko, 1981]: forest meadow, fallow land, field of wheat.

Alopecosa inquilina (Clerck, 1758)

MATERIAL. 1 ♀ [7]: Novyi, dry meadow, 20.VI.2009, leg. ANS.

Alopecosa pulverulenta (Clerck, 1758)

MATERIAL. 1 ♂ [1], dry multiherbaceous meadow, VII.2008, leg. AVII.
Udmurtia [Zubko & Roshchinenko, 1981]: *Alnus* forest, bank of lake, fallow land, field of wheat.

Alopecosa sulzeri (Pavesi, 1873)

MATERIAL. 1 ♀ [7]: Novyi, dry meadow, 12.VI.2010, leg. ANS.

Arctosa cinerea (Fabricius, 1777)

MATERIAL. 2 ♀♀ [7]: Doksha, bank of river, 20.VI.2008, leg. ANS; 1 ♀, Vavozh District, Gulyaev Village, sandy spit of Kil'mez' River, 1.IX.2009, leg. S.V. Dedyukhin.
Udmurtia [Zubko & Roshchinenko, 1981]: bank of lake, sand-bank.

Arctosa perita (Latreille, 1799)

Syumsi Distric [Zubko & Roshchinenko, 1981; Zubko, 2001]: sand-bank.

Hygrolycosa rubrofasciata (Ohlert, 1865)

MATERIAL. 1 ♂ [3], *Pinus* forest, 15.IX.2009, leg. ANS.

Pardosa agrestis (Westring, 1861)

MATERIAL. 1 ♂, 2 ♀♀ [1], kitchen garden, VII.2008, leg. AVII; 1 ♂ [5], multiherbaceous meadow, VII.2010, leg. ANS; 1 ♂

[7]: Doksha, bank of river, 20.VI.2008, leg. ANS; 1 ♂ [7]: Siva, bottomland meadow, 15.VI.2008, leg. ANS; 2 ♂♂ [7]: Novyi, *Pinus* forest, pitfall-traps, 12.VI.2010, leg. ANS.

Udmurtia [Zubko & Roshchinenko, 1981]: fallow land, wheat & potatoes fields.

Pardosa agricola (Thorell, 1856)

MATERIAL. 1 ♀ [7]: Novyi, kitchen-garden, 15.VI.2009, leg. ANS.

Pardosa amentata (Clerck, 1758)

MATERIAL. 11 ♂♂, 17 ♀♀ [1], kitchen garden, VII.2008, leg. AVII; 1 ♀, [2], 9.V.2010, leg. ANS; 1 ♀, [5], multiherbaceous meadow, VII.2010, leg. ANS; 1 ♂ [7]: Novyi, meadow, 12.VI.2010, leg. ANS.

Udmurtia [Zubko & Roshchinenko, 1981]: *Alnus* forest.

Pardosa fulvipes (Collett, 1876)

MATERIAL. 14 ♂♂, 16 ♀♀ (PSU-5310) [1], agricultural meadows, birch forest, kitchen garden, VII.2008, leg. AVII; 1 ♂, 5 ♀♀ [5], multiherbaceous meadow, VI.2010, leg. ANS; 2 ♀♀ [7]: Siva, small-leaved forest, 24.VIII.2009, 9.VIII.2010, leg. ANS; 1 ♂, 3 ♀♀, same locality, bottomland meadow, 15.VI.2009, 10.VIII.2010, leg. ANS; 3 ♀♀ [7]: Novyi, bottomland meadow & bottomland *Quercus* forest, 21.VI.2009, leg. ANS; 1 ♀, same locality, dry meadow, 18.VIII.2009, leg. ANS; 4 ♀♀ [9], edge of mixed forest, bank of lake, 8.VII.2009, leg. ANS.

Udmurtia [Zubko & Roshchinenko, 1981]: bank of lake, fallow land, field of potatoes.

Pardosa lugubris (Walckenaer, 1802)

MATERIAL. 1 ♂ [6], recreation park, IX.2009, ANS; 17 ♀♀ [7]: Siva, small-leaved forest, 24.VIII.2009, 9–10.VIII.2010, leg. ANS; 1 ♂, 10 ♀♀ [7]: Novyi, bottomland *Quercus* forest, *Pinus* forest, *Pinus* forest with *Picea* and *Betula*, 17–21.VI.2009, leg. ANS; 6 ♂♂, 2 ♀♀, same locality, *Pinus* forest, small-leaved forest, earthen breakage of a water basin, pitfall-traps, 10–12.VI.2010, leg. ANS; 1 ♀ [7]: Volkovskii, *Pinus* forest, 18.VI.2009, leg. ANS; 1 ♀ [7]: Nechkino, bottomland meadow, 9.VI.2009, leg. ANS; 13 ♂♂, same locality, *Pinus* & mixed forests, pitfall-traps, VIII.2009, leg. ANS.

Udmurtia [Zubko & Roshchinenko, 1981]: *Picea-Betula* & *Pinus* forests, forest meadow.

Pardosa paludicola (Clerck, 1758)

MATERIAL. 2 ♂♂, 2 ♀♀ [1], kitchen garden, VII.2008, leg. AVII; 1 ♀, [7]: Makarovo, bank of river, 10.VI.2009, leg. ANS; 1 ♀, [7]: Nechkino, bottomland meadow, 9.VI.2009, leg. ANS.

Udmurtia [Zubko & Roshchinenko, 1981]: *Alnus* forest, bank of lake.

Pardosa palustris (Linnaeus, 1758)

MATERIAL. 1 ♀ [1], kitchen garden, VII.2008, leg. AVII; 1 ♂ [5], multiherbaceous meadow, VI.2010, leg. ANS; 2 ♀♀ [7]: Siva, small-leaved forest, 15.VI.2008, 10.VIII.2010, leg. ANS; 2 ♀♀ [7]: Novyi, bottomland meadow & dry meadow, 10–12.VI.2010, leg. ANS; 2 ♀♀ [7]: Nechkino, mixed forest, pitfall-traps, 9.VI.2009, leg. ANS; 1 ♀ [9], bank of lake, 8.VII.2009, leg. ANS; 1 ♂ [10], multiherbaceous meadow, 10.VII.09, leg. ANS.

Udmurtia [Zubko & Roshchinenko, 1981]: *Alnus* forests, fallow land, wheat & potatoes fields.

Pardosa plumipes (Thorell, 1875)

MATERIAL. 1 ♂ [7]: Siva, bottomland *Quercus* forest, 15.VI.2008, leg. ANS; 1 ♂, 3 ♀♀ [7]: Novyi, bottomland meadow, 21.VI.2009, 12.VI.2010, leg. ANS.

Udmurtia [Zubko & Roshchinenko, 1981]: field of wheat, fallow land.

Pardosa prativaga (L. Koch, 1870)

MATERIAL. 6 ♂♂, 7 ♀♀ [7]: Siva, bottomland meadow, bank of river, 15.VI.2008, 10.VIII.2010, leg. ANS; 1 ♀, same locality, small-leaved forest, 10.VIII.2010, leg. ANS; 1 ♂, 5 ♀♀ [7]: Novyi, bottomland meadow, 21.VI.2009, leg. ANS; 1 ♂, 2 ♀♀ [7]: Volkovskii, bottomland oak forest, coastal vegetation, 20.VI.2009, leg. ANS.

Udmurtia [Zubko & Roshchinenko, 1981]: *Alnus* forest, bank of lake.

Pardosa schenkeli Lessert, 1904

MATERIAL. 3 ♀♀ [7]: Novyi, dry meadow, 10.VI.2010, leg. ANS.

Pardosa sphagnicola (Dahl, 1908)

MATERIAL. 1 ♀ [5], multiherbaceous meadow, VI.2010, leg. ANS; 1 ♀ [7]: Novyi, *Sphagnum* bog, 19.VI.2009, leg. ANS; 1 ♂, same locality, mixed forest, 21.VIII.2009, leg. ANS; 1 ♂, 6 ♀♀ [7]: Volkovskii, bog, 10.VI.2010, leg. ANS; 1 ♀ [9], *Pinus* forest, 7.VII.2009, leg. ANS.

Pirata hygrophilus Thorell, 1872

MATERIAL. 1 ♀ [1], agricultural meadows, VII.2008, leg. AVII; 1 ♀ [3], *Sphagnum* bog, 15.IX.2009, leg. ANS; 1 subadult ♂ [4], mixed forest, 6.X.2009, leg. ANS.

Pirata piraticus (Clerck, 1758)

MATERIAL. 1 ♂ [7]: Novyi, bottomland meadow, 21.VI.2009, leg. ANS; 2 ♀♀ [7]: Volkovskii, coastal vegetation, 20.VI.2009, leg. ANS.

Pirata piscatorius (Clerck, 1758)

MATERIAL. 1 ♀ [9], edge of mixed forest, 8.VII.2009, leg. ANS.

Udmurtia [Zubko & Roshchinenko, 1981]: bank of lake.

Tricca lutetiana (Simon, 1876)

MATERIAL. 1 ♀ [7]: Siva, fire station, 24.VIII.2009, leg. ANS.

Trochosa ruricola (DeGeer, 1778)

MATERIAL. 7 ♂♂, 5 ♀♀ [1], agricultural meadows, kitchen garden, VII.2008, leg. AVII; 1 ♀, [2], 9.V.2010, leg. ANS; 1 ♀ [7]: Siva, bottomland meadow, 15.VI.2008, leg. ANS; 1 ♂, 1 ♀, same locality, small-leaved forest, 10.VIII.2010, leg. ANS.

Udmurtia [Zubko & Roshchinenko, 1981]: bank of lake, fallow land, wheat & potatoes fields.

Trochosa spinipalpis (F.O. Pickard-Cambridge, 1895)

MATERIAL. 1 ♀ [7]: Volkovskii, coastal vegetation, 20.VI.2009, leg. ANS.

Trochosa terricola Thorell, 1856

MATERIAL. 1 ♀ [7]: Siva, mixed forest, 20.VI.2009, leg. ANS; 1 ♀, same locality, small-leaved forest, 10.VIII.2010, leg. ANS; 1 ♀ [7]: Volkovskii, bottomland oak forest, 20.VI.2009, leg. ANS; 2 ♂♂, 4 ♀♀ [7]: Nechkino, mixed forest, pitfall-traps, 10.VIII.2010, leg. ANS.

Xerolycosa miniata (C.L. Koch, 1834)

MATERIAL. 4 ♂♂, 1 ♀ (PSU-5311), [1], kitchen garden, VII.2008, leg. AVII; 1 ♂ [7]: Doksha, bank of river, 23.VI.2009, leg. ANS; 3 ♂♂, 1 ♀ [7]: Novyi, bank of river, 21.VI.2009, leg. ANS; 1 ♂, 2 ♀, same locality, bottomland & dry meadows, earthen breakage of a water basin, 10–12.VI.2010, leg. ANS.

Udmurtia [Zubko & Roshchinenko, 1981]: fallow land.

Xerolycosa nemoralis (Westring, 1861)

MATERIAL. 8 ♂♂, 11 ♀♀ [7]: Novyi, mixed forest, *Pinus* forest, meadow, 16–20.VI.2009, 12.VI & 2.VII.2010, leg. ANS; 1

♂ [7]: Volkovskii, bog, 12.VI.2010, leg. ANS; 1 ♀ [7]: Gol'yany, dry lichen-grass association on sand, 7.VIII.2010, leg. ANS.

METIDAE

Metellina merianae (Scopoli, 1763)

MATERIAL. 1 ♀ [7]: Novyi, earthen bank of a water basin, 19.VIII.2009, leg. ANS.

Metellina segmentata (Clerck, 1758)

MATERIAL. 1 ♀ [7]: Doksha, bank of river, 11.IX.2010, leg. ANS; 7 ♂♂, 1 ♀, same locality small-leaved forest, 10.VIII.2010, leg. ANS; 1 ♀, same locality, bottomland meadow, 10.VIII.2010, leg. ANS; 12 ♂♂, 13 ♀♀ [7]: Novyi, dry meadow on bank of Kama River, earthen bank of a water basin, 19–21.VIII.2009, leg. ANS; 2 ♀♀ [7]: Gol'yany, bottomland meadow, 7.VIII.2010, leg. ANS.

Udmurtia [Zubko & Roshchinenko, 1981]: *Pinus* forest, forest meadow.

OXYOPIDAE

Oxyopes ramosus (Martini & Goeze, 1778)

MATERIAL. 1 ♀ (PSU-5313) [1], dry multiherbaceous meadows, VII.2008, leg. AVII; 4 juv. [7]: Novyi, dry meadow & *Sphagnum* bog, 18.VIII.2009, leg. ANS; 1 juv. [7]: Volkovskii, shrub on edge of bog, 18.VI.2009, leg. ANS; 1 juv. [7]: Gol'yany, dry lichen-grass association on sand, 7.VIII.2010, leg. ANS.

PHILODROMIDAE

Philodromus cespitum (Walckenaer, 1802)

MATERIAL. 1 ♂ [1], dry multiherbaceous meadow, VII.2008, leg. AVII; 2 ♂♂, 2 ♀♀ [7]: Novyi, bottomland meadow, bottomland *Quercus* forest, kitchen garden, 16–21.VI.2009, leg. ANS; 1 ♂, same locality, dry meadow, 12.VI.2010, leg. ANS; 1 ♂, 1 ♀ [7]: Volkovskii, *Pinus* & *Quercus* forests, 18–20.VI.2009, leg. ANS; 1 ♂, [7]: Nechkino, mixed forest, pitfall-traps, 9.VI.2009, leg. ANS.

Philodromus emarginatus (Schrank, 1803)

MATERIAL. 1 ♂ [7]: Nechkino, bottomland meadow, 9.VI.2009, leg. ANS; 1 ♀ [9], edge of mixed forest, 8.07.09, leg. ANS; 1 juv. [7]: Novyi, dry meadow, 21.VI.2009, leg. ANS.

Philodromus fuscomarginatus (DeGeer, 1778)

MATERIAL. 1 ♂ [7]: Novyi, *Sphagnum* bog, 18.VI.2008, leg. ANS.

Philodromus histrio (Latreille, 1819)

MATERIAL. 1 ♂, Kambarka Town, waste ground, 12.IX.2010, leg. S.V. Dedyukhin.

Udmurtia [Zubko & Roshchinenko, 1981]: *Pinus* forest, forest meadow.

Philodromus poecilus (Thorell, 1872)

MATERIAL. 1 ♀ [7]: Siva, bottomland meadow, VI.2007, leg. ANS.

Thanatus formicinus (Clerck, 1758)

MATERIAL. 1 ♀ [7]: Novyi, bottomland *Quercus* forest, 21.VI.2009, leg. ANS.

Thanatus sabulosus (Menge, 1875)

MATERIAL. 1 ♂ [7]: Novyi, *Pinus* forest with green moss, 16.VI.2009, leg. ANS

Tibellus maritimus (Menge, 1875)

MATERIAL. 1 ♂ [7]: Siva, bottomland meadow, VI.2007, leg. ANS; 2 ♀♀ [7]: Novyi, bottomland meadow, 21.VI.2009, leg. ANS; 3 ♂♂, 3 ♀♀ [7]: Volkovskii, coastal vegetation, shrub on edge of bog, 18–20.VI.2009, leg. ANS; 1 ♂ [8], meadow bog, 21.VI.2007, leg. ANS; 1 ♀ [9], bog, 8.VII.2009, leg. ANS.

Tibellus oblongus (Walckenaer, 1802)

MATERIAL. 1 ♂ [1], dry multiherbaceous meadow, VII.2008, leg. AVII; 2 ♀♀ [7]: Siva, bottomland meadow, 15.VI.2008, leg. ANS; 2 ♂♂, 5 ♀♀ [7]: Novyi, dry meadow, bottomland *Quercus* forest, 21.VI & 18.VIII.2009, leg. ANS; 1 ♂, 2 ♀♀ [7]: Volkovskii, dry meadow, bog, 10–12.VI.2010, leg. ANS; 1 ♀ [10], multiherbaceous meadow, 10.VII.09, leg. ANS; 1 ♀, same locality, vegetation on bank, 9.VII.2009, leg. ANS.

Udmurtia [Zubko & Roshchinenko, 1981]: *Pinus* forest, forest meadow.

PISAURIDAE

Dolomedes fimbriatus (Clerck, 1758)

MATERIAL. 1 ♀ [7]: Siva, bottomland of Kama River, VI.2007, leg. ANS; 1 ♀, same locality, bottomland meadow, VIII.2010, leg. ANS; 2 ♀♀ [7]: Volkovskii, bottomland oak forest, 20.VI.2009, leg. ANS; 1 ♂, 1 ♀ [7]: Nechkino, mixed forest, pool, 9.VI.2009, leg. ANS.

Udmurtia [Zubko & Roshchinenko, 1981]: bank of lake.

Dolomedes plantarius (Clerck, 1758)

Udmurtia [Zubko & Roshchinenko, 1981]: bank of lake.

Pisaura mirabilis (Clerck, 1758)

MATERIAL. 1 ♀ [9], bog, 7.VII.2009, leg. ANS.

SALTICIDAE

Aelurillus v-insignitus (Clerck, 1758)

MATERIAL. 2 ♂♂ [7]: Novyi, dry meadow, 12.VI.2010, leg. ANS.

Ballus chalybeius (Walckenaer, 1802)

MATERIAL. 1 juv. [7]: Novyi, small-leaved forest, 10.VIII.2010, leg. ANS.

Udmurtia [Zubko & Roshchinenko, 1981]: *Picea-Betula* & *Pinus* forests.

Evarcha arcuata (Clerck, 1758)

MATERIAL. 1 ♀ [1], dry multiherbaceous meadows, VII.2008, leg. AVII; 2 ♂♂, 1 ♀ [5], multiherbaceous meadow, VI.2010, leg. ANS; 1 ♀ [7]: Siva, bottomland meadow, 15.VI.2008, leg. ANS; 9 ♂♂, 5 ♀♀ [7]: Novyi, bottomland *Quercus* forest, bottomland & dry meadows, *Sphagnum* bog, kitchen garden, 15–21.VI & 18.VIII.2009, leg. ANS; 8 ♂♂, 9 ♀ [7]: Volkovskii, bog, coastal vegetation, dry meadow, 12–20.VI.2009, leg. ANS; 3 ♂♂, 2 ♀♀ [7]: Gol'yany, bottomland meadow, dry lichen-grass association on sand, 7.VIII.2010, leg. ANS; 1 subadult ♂ [7]: Nechkino, mixed forest, 9.VI.2009, leg. ANS; 1 ♂ [8], multiherbaceous meadow, 21.VII.2008, leg. ANS.

Evarcha falcata (Clerck, 1758)

MATERIAL. 1 ♂ [7]: Doksha, bank of river, 20.VI.2008, leg. ANS; 1 ♂, [7]: Siva, bottomland meadow, VI.2007, leg. ANS; 1 ♀ [7]: Novyi, *Pinus* forest with green moss, 16.VI.2009, leg. ANS; 1 ♂, same locality, mixed forest, 19.VIII.2009, leg. ANS; 1 subadult ♂ [7]: Volkovskii, bog, 18.VI.2009, leg. ANS; 1 ♂, [8], multiherbaceous meadow, 21.VII.2008, leg. ANS.

Udmurtia [Zubko & Roshchinenko, 1981]: *Picea-Betula* & *Pinus* forests, forest meadow.

Evarcha laetibunda (C.L. Koch, 1846)

Udmurtia [Zubko & Roshchinenko, 1981]: *Picea-Betula* & *Pinus* forests, forest meadow.

Heliophanus auratus C.L. Koch, 1835

MATERIAL. 1 ♀ [7]: Siva, bottomland *Quercus* forest, 15.VI.2008, leg. ANS; 3 ♀♀ [7]: Novyi, bottomland *Quercus* forest & meadow, 21.VI.2009, leg. ANS.

Udmurtia [Zubko & Roshchinenko, 1981]: *Pinus* forest, forest meadow.

Heliophanus cupreus (Walckenaer, 1802)

Udmurtia [Zubko & Roshchinenko, 1981]: *Pinus* forest.

Heliophanus flavipes (Hahn, 1832)

MATERIAL. 1 ♀ [7]: Volkovskii, dry meadow, 12.VI.2010, leg. ANS.

Phlegra fasciata (Hahn, 1826)

MATERIAL. 1 ♂ [7]: Volkovskii, dry meadow, 12.VI.2010, leg. ANS.

Pseudeuophrus erratica (Walckenaer, 1826)

Udmurtia [Zubko & Roshchinenko, 1981: as *Euophrus*]: *Pinus* forest, forest meadow.

Salticus cingulatus (Panzer, 1797)

MATERIAL. 1 ♂ [7]: Siva, bottomland meadow, 15.VI.2008, leg. ANS.

Udmurtia [Zubko & Roshchinenko, 1981]: forest meadow.

Sibianor aurocinctus (Ohlert, 1865)

MATERIAL. 1 ♀ [7]: Novyi, dry meadow, 10.VI.2010, leg. ANS.

Sitticus dzieduszyckii (L. Koch, 1870)

MATERIAL. 1 ♂ [7]: Doksha, bank of river, 20.VI.2008, leg. ANS; 1 ♂, same locality and biotope, 10.VIII.2010, leg. ANS; 1 ♂ [7]: Novyi, bank of river, 21.VI.2009, leg. ANS; 6 ♂♂, same locality, earthen breakage of a water basin, 19.VIII.2010, leg. ANS.

Sitticus floricola (C.L. Koch, 1837)

MATERIAL. 2 ♀♀ [9], edge of mixed forest, bank of lake, 8.07.2009, leg. ANS.

Sitticus terebratus (Clerck, 1758)

MATERIAL. 1 ♂, 1 ♀ (PSU-5317), [1], kitchen garden, VII.2008, leg. AVII; 2 ♂♂ [7]: Nechkino, bottomland meadow, on wall of shed, 14.VIII.2009, leg. ANS.

SPARASSIDAE

Micrommata roseum (Clerck, 1758)

MATERIAL. 1 ♀ [7]: Siva, bottomland meadow, 15.VI.2008, leg. ANS; 1 ♂, same locality, small-leaved forest, 24.VIII.2009, leg. ANS; 2 ♀♀, 1 subadult ♀ [7]: Novyi, *Quercus* forest, dry & bottomland meadows, 21.VI.2009, leg. ANS; 1 juv., same locality, *Sphagnum* bog, 18.VIII.2009, leg. ANS.

TETRAGNATHIDAE

Pachygnatha clercki Sundevall, 1823

MATERIAL. 1 ♂ [1], kitchen garden, VII.2008, leg. AVII.

Pachygnatha deegeri Sundevall, 1830

MATERIAL. 2 ♂♂, 4 ♀♀ [1], kitchen garden, VII.2008, leg. AVII; 1 ♀ [7]: Nechkino, bottomland meadow, 9.VI.2009, leg. ANS.

Udmurtia [Zubko & Roshchinenko, 1981]: field of wheat, fallow land, bank of lake.

Pachygnatha listeri Sundevall, 1830

MATERIAL. 1 ♀ [7]: Siva, bottomland of Kama River, VI.2007, leg. ANS; 2 ♀♀, same locality, bottomland *Quercus* forest & bottomland meadow, 15.VI.2008, leg. ANS; 1 ♀, same locality, small-leaved forest, 24.VIII.2009, leg. ANS; 1 ♂ [7]: Novyi, *Pinus* forest with green moss, 16.VI.2010, leg. ANS; 1 ♀ [7]: Nechkino, mixed forest, 9.VI.2009, leg. ANS.

Tetragnatha dearmata Thorell, 1873

MATERIAL. 3 ♂♂, 2 ♀♀ [1], kitchen garden, VII.2008, leg. AVII; 1 ♀ [5], multiherbaceous meadow, VI.2010, leg. ANS; 2 ♂♂ [7]: Doksha, bank of river, 20.VI.2008, leg. ANS; 1 ♀ [7]: Siva, bottomland meadow, 15.VI.2008, leg. ANS; 3 ♀♀ [7]: Novyi, bottomland oak forest, microcave in rock, 10–21.VI.2009, leg. ANS; 5 ♂♂, same locality, earthen bank of a water basin, 19.VIII.2009, 2.VII.2010, leg. ANS; 1 ♂ [7]: Makarovo, bank of river, 10.VI.2009, leg. ANS.

Tetragnatha extensa (Linnaeus, 1758)

MATERIAL. 1 juv. [7]: Doksha, bank of river, 20.VI.2008, leg. ANS; 1 ♀ [5], multiherbaceous meadow, VI.2010, leg. ANS; 1 juv., [7]: Siva, bottomland *Quercus* forest, 15.VI.2008, leg. ANS; 2 ♀♀, same locality, bottomland meadow, 15.VI.2008, 10.VIII.2010, leg. ANS; 3 ♂♂, 4 ♀♀ [7]: Novyi, dry meadow on bank of Kama River, bottomland meadow, 21.VI.2009, leg. ANS; 1 subadult ♂, same locality, earthen bank of a water basin, 10.VI.2010, leg. ANS; 1 ♀, 1 juv. [7]: Volkovskii, bottomland oak forest, edge of bog, 18–20.VI.2009, leg. ANS; 1 ♂ [9], bank of lake, 8.VII.2009, leg. ANS.

Udmurtia [Zubko & Roshchinenko, 1981]: bank of lake, forest meadow.

Tetragnatha montana Simon, 1874

MATERIAL. 1 ♂ [7]: Siva, bottomland meadow, VI.2007, leg. ANS; 1 ♂ [7]: Novyi, dry meadow on bank of Kama River, 21.VI.2009, leg. ANS; 1 ♀, same locality, earthen bank of a water basin, 2.VII.2010, leg. ANS.

Tetragnatha nigrita Lendl, 1886

MATERIAL. 1 ♂, 2 ♀♀ (PSU-5312) [1], *Pinus* forest, VII.2008, leg. AVII.

Tetragnatha obtusa C.L.Koch, 1837

MATERIAL. 1 ♂, 1 ♀ [1], dry multiherbaceous and agricultural meadows, VII.2008, leg. AVII; 1 ♂ [7]: Doksha, bank of river, 10.VI.2010, leg. ANS; 1 ♀ [7]: Siva, bottomland meadow, 15.VI.2010, leg. ANS; 1 ♂ [7]: Novyi, bottomland meadow, 21.VI.2009, leg. ANS; 1 ♀ [7]: Volkovskii, coastal vegetation, 20.VI.2009, leg. ANS.

Tetragnatha pinicola L. Koch, 1870

MATERIAL. 3 ♂♂, 3 ♀♀ [7]: Novyi, dry meadow, *Pinus* forest, kitchen-garden, 12–17.VI.2009, leg. ANS; 1 subadult ♂, same locality, mixed forest, 19.VIII.2009, leg. ANS; 1 ♀, 2 subadult ♀♀ [7]: Volkovskii, shrub on edge of bog, 18.VI.2009, leg. ANS.

Udmurtia [Zubko & Roshchinenko, 1981]: *Picea-Betula* & *Pinus* forests, forest meadow.

THERIDIIDAE

Crustulina guttata (Wider, 1834)

MATERIAL. 1 ♀ [7]: Novyi, mixed forest, litter, 16.VI.2009, leg. ANS.

Cryptachea riparia (Blackwall, 1834)

MATERIAL. 1 ♀ (PSU-5314) [1], kitchen garden, VII.2008, leg. AVII; 1 ♀ [7]: Novyi, mixed forest, canopy, 16.VI.2009, leg. ANS.

Enoplognatha ovata (Clerck, 1758)

MATERIAL. 1 ♀ [2], kitchen-garden, VIII.2009, leg. ANS; 1 ♀ [9], bog, 7.VII.2009, leg. ANS; 2 ♀♀ [10], vegetation on bank, 9.VII.09, leg. ANS.

Udmurtia [Zubko & Roshchinenko, 1981]: *Picea-Betula* & *Alnus* forests, forest meadow.

Episinus truncatus (Latreille, 1809)

MATERIAL. 2 ♀♀ (PSU-5316) [1], birch forest, VII.2008, leg. AVII

Euryopsis flavomaculata (C.L. Koch, 1836)

MATERIAL. 1 ♂ [7]: Novyi, small-leaved forest, pitfall-traps, 12.VI.2010, leg. ANS.

Lasaeola tristis (Hahn, 1833)

MATERIAL. 1 ♀ [7]: Volkovskii, shrub on edge of bog, 18.V.2009, leg. ANS.

Neottiura bimaculata (Linnaeus, 1767)

MATERIAL. 1 ♂, 1 ♀ [7]: Novyi, dry meadow, bottomland oak forest, 19–21.VI.2009, leg. ANS.

Parastetoda lunata (Clerck, 1758)

Udmurtia [Zubko & Roshchinenko, 1981: as *Achaearanea*]: *Picea-Betula* & *Pinus* forests.

Parasteatoda simulans (Thorell, 1875)

MATERIAL. 1 ♀, 1 juv. [7]: Volkovskii, bottomland oak forest, 20.VI.2009, leg. ANS.

Parasteatoda tabulata (Levi, 1980)

MATERIAL. 1 ♂, 2 ♀♀ [7]: Novyi, earthen bank of a water basin, 19.VIII.2009, 2.VII.2010, leg. ANS.

Phylloneta impressa (L.Koch, 1881)

MATERIAL. 1 ♂ [1], dry multiherbaceous meadows, VII.2008, leg. AVII; 1 ♂ [7]: Doksha, bank of river, 20.VI.2008, leg. ANS; 4 ♂♂, 1 ♀ [7]: Novyi, dry meadow, 18.VI.2009, 11.VI.2010, leg. ANS.

Phylloneta sisypbia (Clerck, 1758)

MATERIAL. 1 ♀ [7]: Novyi, *Pinus* forest with green moss, 16.VI.2010, leg. ANS; 1 ♂, 1 ♀ [7]: Volkovskii, edge of bog, 18.VI.2009, leg. ANS.

Robertus lividus (Blackwall, 1836)

MATERIAL. 1 ♂ [1], kitchen garden, VII.2008, leg. AVII; 1 ♀ [4], mixed forest, 6.X.2009, leg. ANS.

Steatoda albomaculata (De Geer, 1778)

MATERIAL. 1 ♂ [7]: Novyi, dry meadow, 10.VI.2009, leg. ANS; 1 juv. [7]: Volkovskii, bottomland oak forest, VI.2009, leg. ANS.

Steatoda bipunctata (Linnaeus, 1758)

MATERIAL. 2 ♂♂ [1], kitchen garden, VII.2008, leg. AVII; 2 ♀♀ [2], 9.V.2010, leg. ANS; 1 ♂ [4], mixed forest, 6.X.2009, leg. ANS; 1 ♂, 1 subadult ♂, 1 subadult ♀ [7]: Novyi, earthen bank of a water basin, 02.VII.2010, leg. ANS.

Steatoda castanea (Clerck, 1758)

MATERIAL. 1 ♀ [1], kitchen garden, VII.2008, leg. AVII; 1 ♀ [5], multiherbaceous meadow, VI.2010, leg. ANS; 1 ♀ [6], IX.2009, leg. ANS; 2 ♂♂ [7]: Novyi, kitchen-garden, 17.VI.2009, leg. ANS.

Steatoda grossa (C.L. Koch, 1838)

Udmurtia [Zubko & Roshchinenko, 1981]: building.

Theridion pictum (Walckenaer, 1802)

MATERIAL. 1 ♀ [7]: Volkovskii, shrub on edge of bog, 18.VI.2009, leg. ANS.

Udmurtia [Zubko & Roshchinenko, 1981]: *Pinus*, *Picea-Betula* & *Alnus* forests.

Theridion varians Hahn, 1833

MATERIAL. 1 ♀ [1], *Pinus* forest, VII.2008, leg. AVII; 1 subadult ♂ [3], *Larix* forest, canopy, 15.IX.2009, leg. ANS; 1 ♀ [7]: Novyi, bog, 19.VI.2009, leg. ANS; 2 ♀♀, same locality, earthen bank of a water basin, 2.VII.2010, leg. ANS.

Udmurtia [Zubko & Roshchinenko, 1981]: *Picea-Betula* forest, forest meadow.

THOMISIDAE

Coriarachne depressa (C.L. Koch, 1837)

Udmurtia [Zubko & Roshchinenko, 1981]: forest meadow.

Ebrechtella tricuspoidata (Fabricius, 1775)

MATERIAL. 5 ♂♂, 1 ♀ [7]: Siva, bottomland meadow & small-leaved forest, 10.VIII.2010, leg. ANS; 1 ♂ [7]: Novyi, bottomland meadow, 21.VI.2009, leg. ANS; 1 subadult ♂, 1 subadult ♀, same locality, dry meadow, earthen breakage of a water basin, 18–19.VIII.2009, leg. ANS; 1 ♀ [7]: Volkovskii, bottomland oak forest, 20.VI.2009, leg. ANS; 1 ♂ [7]: Gol'yany, bottomland meadow, 7.VIII.2010, leg. ANS.

Misumena vatia (Clerck, 1758)

MATERIAL. 2 ♂♂, 3 ♀♀ [1], dry multiherbaceous meadow, kitchen garden, VII.2008, leg. AVII; 1 ♂, 1 ♀ [7]: Siva, bottomland meadow, 15.VI.2008, 10.VIII.2010, leg. ANS; 1 ♀ [7]: Novyi, *Pinus* forest with *Picea* and *Betula*, 19.VI.2009, leg. ANS; 1 ♀, same locality, dry meadow, 21.VIII.2009, leg. ANS; 1 ♂ [7]: Volkovskii, bog, 12.VI.2010, leg. ANS; 1 ♀ [7]: Nechkino, mixed forest, 9.VI.2009, leg. ANS; 1 ♀ [8], meadow bog, 21.VII.2008, leg. ANS; 1 ♀ [9], edge of mixed forest, 8.07.2009, leg. ANS; 1 subadult ♀ [10], multiherbaceous meadow, 10.VII.2009, leg. ANS.

Udmurtia [Zubko & Roshchinenko, 1981]: *Picea-Betula* & *Pinus* forests, forest meadow.

Ozyptila praticola (C.L. Koch, 1837)

MATERIAL. 1 ♂ [7]: Novyi, small-leaved forest, litter, 12.VI.2010, leg. ANS; 1 ♀ [7]: Nechkino, *Pinus* forest, pitfall-traps, 14.VIII.2009, leg. ANS.

Tmarus piger (Walckenaer, 1802)

MATERIAL. 1 subadult ♀, 2 juv. [3], *Pinus* & *Larix* forests, canopy, 15.IX.2009, leg. ANS; 1 juv. [7]: Novyi, mixed forest, 19.VI.2009, leg. ANS; 1 subadult ♀, same locality, dry meadow, 18.VIII.2009, leg. ANS; 1 juv. [7]: Gol'yany, dry lichen-grass association on sand, 7.VIII.2010, leg. ANS.

Xysticus bifasciatus C.L. Koch, 1837

MATERIAL. 1 ♀ [7]: Nechkino, bottomland meadow, 10.VI.2009, leg. ANS.

Udmurtia [Zubko & Roshchinenko, 1981]: fallow land.

Xysticus cristatus (Clerck, 1758)

MATERIAL. 1 ♀ [1], agricultural meadow, VII.2008, leg. AVII; 1 ♂ [7]: Novyi, *Pinus* forest with *Picea* and *Betula*, 19.VI.2009, leg. ANS; 1 ♀ [7]: Volkovskii, of bog, 18.VI.2009, leg. ANS; 1 ♂ [7]: Nechkino, forest on edge of bog, canopy, 9.VI.2009, leg. ANS.

Udmurtia [Zubko & Roshchinenko, 1981]: *Picea-Betula* forest, forest meadow, fallow land.

Xysticus kochi Thorell, 1872

Udmurtia [Zubko & Roshchinenko, 1981]: fallow land.

Xysticus lanio C.L. Koch, 1835

MATERIAL. 1 ♂ [7]: Novyi, *Pinus* forest with green moss, 16.VI.2009, leg. ANS.

Xysticus luctator L. Koch, 1870

MATERIAL. 1 ♀ [7]: Siva, small-leaved forest, 24.VIII.2009, leg. ANS; 1 ♀ [7]: Novyi, edge of forest, 16.VI.2009, leg. ANS.

Xysticus sabulosus (Hahn, 1832)

MATERIAL. 1 ♀ [7]: Gol'yany, dry lichen-grass association on sand, 7.VIII.2010, leg. ANS.

Xysticus striatipes L. Koch, 1870

MATERIAL. 1 ♀ [7]: Novyi, dry meadow, 19.VI.2009, leg. ANS; MATERIAL. 2 ♂♂, same locality and biotope, 21.VIII.2009, leg. ANS; 1 ♀ [7]: Volkovskii, dry meadow, 18.VI.2009, leg. ANS; 3 ♂♂ [7]: Gol'yany, bottomland meadow, dry lichen-grass association on sand, 7.VIII.2010, leg. ANS.

Xysticus ulmi (Hahn, 1831)

MATERIAL. 1 ♂, 2 ♀♀ [5], multiherbaceous meadow, VI.2010, leg. ANS; 1 ♀ [6], recreation park, IX.2009, ANS; 3 ♂♂, 1 ♀ [7]: Siva, bottomland meadow, 15.VI.2008, leg. ANS; 1 ♂, 5 ♀♀ [7]: Novyi, bottomland & dry meadows, mixed forest, 18–21.VI.2009, leg. ANS & S.V. Dedyukhin; 1 ♀ [7]: Volkovskii, bog, 12.VI.2010, leg. ANS; 2 ♂♂, 1 ♀ [7]: Nechkino, mixed forest, bottomland meadow, 9.VI.2009, leg. ANS; 1 ♀ [9], edge of mixed forest, 8.VII.2009, leg. ANS.

Udmurtia [Zubko & Roshchinenko, 1981]: bank of lake, forest meadow.

ULOBORIDAE

Uloborus walckenaerius Latreille, 1806

MATERIAL. 1 ♂ [7]: Volkovskii, shrub on edge of bog, 18.V.2009, leg. ANS.

ZORIDAE

Zora spinimana (Sundevall, 1832)

MATERIAL. 1 ♂ [7]: Nechkino, *Pinus* forest, pitfall-traps, VIII.2009, leg. ANS.

ACKNOWLEDGEMENTS. This project was funded by the Russian Foundation for Basic Research (grants ## 08-04-00926-a; 09-04-01365-a; 11-04-01716-a) and by a grant of the President of the Russian Federation for the support of leading scientific schools.

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Responsible editor D.V. Logunov