

Spiders (Arachnida: Aranei) of Stavropol Province, Russia

Пауки (Arachnida: Aranei) Ставропольского края, Россия

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КЛЮЧЕВЫЕ СЛОВА: пауки, аннотированный список, Ставропольский край, Россия.

ABSTRACT. An annotated checklist of spiders recorded from Stavropol Province, based on literature-based and new data, is provided. The checklist comprises 265 spider species of 26 families. Of them, 154 species have been recorded from Stavropol Province for the first time. One species (*Zodarion rubidium* Simon, 1914) represents a new record to the spider fauna of Russia. Eight species are illustrated.

РЕЗЮМЕ. Приведён список пауков, выявленных в Ставропольском крае (по литературным и собственным данным): 265 вида, 26 семейств. Из них 154 вида впервые отмечаются на территории Ставропольского края. Один вид (*Zodarion rubidium* Simon, 1914) является новым для фауны пауков России. Восемь видов проиллюстрированы.

Introduction

The spider fauna of Stavropol Province, in its present borders as a federal subject, is the least studied one among other regional faunas of southern Russia. Most of the spider species hitherto recorded from Stavropol Province are also known from Karachay-Cherkess Republic, which now is a separate federal subject. For example, A.V. Tanasevitch [Tanasevitch, 1987, 1990] listed 12 species of Linyphiidae for Stavropol Province, whereas his list for the entire Caucasus comprised around 160 species. The first study concerning spiders specifically devoted to Stavropol Province was published only recently [Logunov, Penney, 2004]. The latter study provides records of 35 species of 12 spider families collected near Beshpagir Village. Later on, some short faunistic reports [Ponomarev et al., 2006;

Khanov, Ponomarev, 2006] were published, providing additional spider records for Stavropol Province. In this paper, we aim at assembling all the previously published records along with newly collected data to provide an updated checklist of spiders from Stavropol Province.

Material and methods

The material used in the present study was collected by Sergey Alexeev (hereafter abbreviated as S.A.) from Arzgirsk and Neftekumsk Districts of Stavropol Province, by V.O. Kozminykh (V.K.) in the vicinity of Izobilnyi, and by T.V. Khanov (T.Kh.) and E. Khomchenko (E.Kh) in lowland areas of Stavropol Province. Additionally, we have examined some materials kindly shared with us by A.A. Zotov (A.Z.), P.P. Ivliev (P.I.), S.V. Pushkin (S.P.), A.E. Rudaikov (A.R.), E.N. Ter-skov (E.T.), Yu.A. Manelov (Yu.M.).

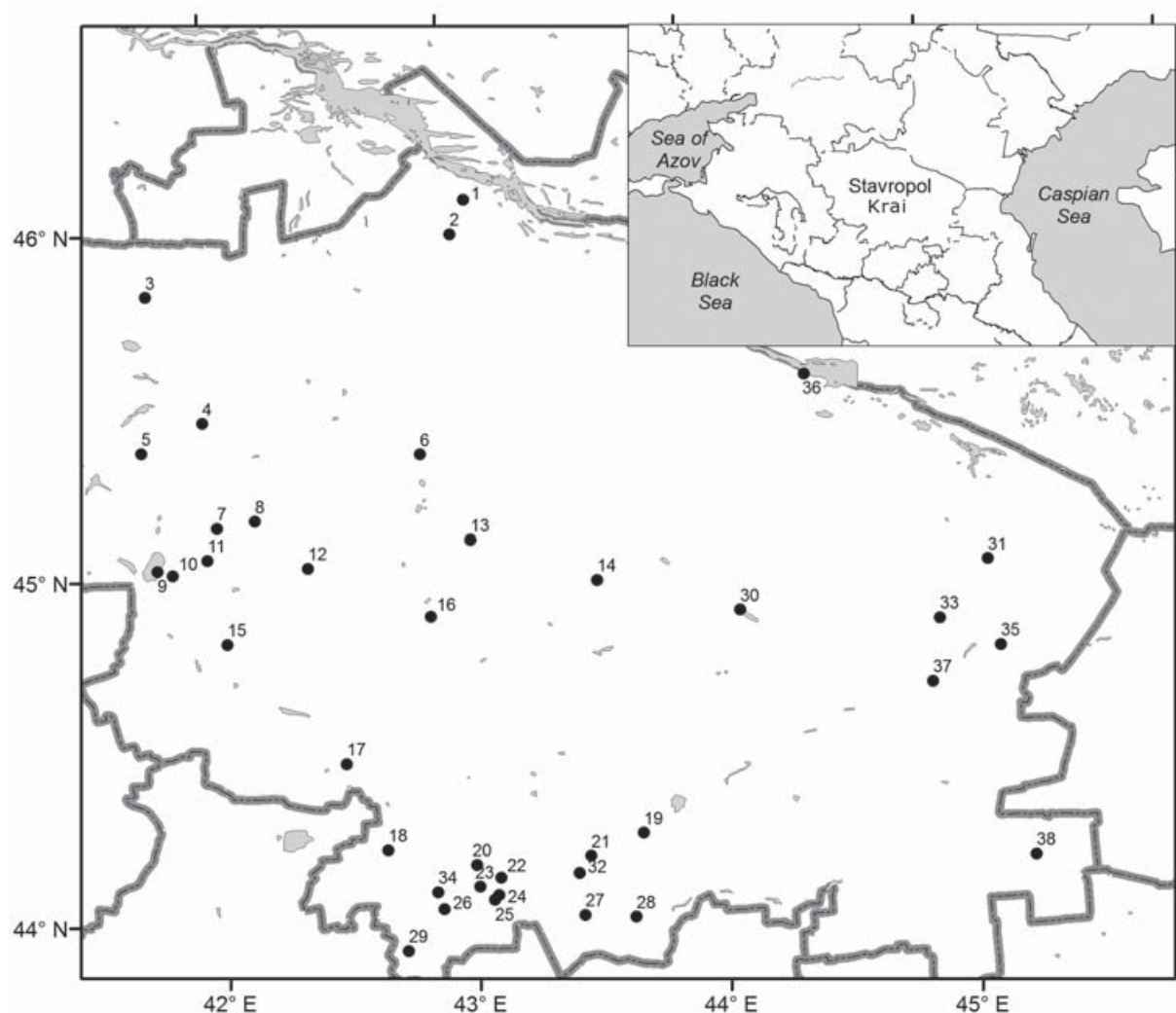
Scanning Electron Microscope images of specimens used in this study were taken by K.V. Dvadenko at the interdisciplinary analytical laboratory of the Institute of Arid Zones (Rostov-on-Don). Digital images were taken by means of MIKMED-6 using digital camera SONY NEX-C3 16.2mp and adapters (MFN-12). All the examined material is deposited at the private collection of A.V. Ponomarev.

The following abbreviation is used: s.l. — same locality.

The localities mentioned in this study and their geographical coordinates (Map 1) are as follows:

01. Manychkoe — N 46°4'0.00"; E 43°4'60.00"

02. Belye Kopani — N 45°58'8.51"; E 43°1'16.77"



Map 1. Collecting localities and literature-based records in Stavropol Province.

Карта 1. Точки сбора и литературных указаний в Ставропольском крае.

- | | |
|---|---|
| 03. Pregradnaya — N 45°49'15.57"; E 41°44'53.35" | 19. Petrovsky — N 44°12'30.23"; E 43°40'59.36" |
| 04. Donskoe — N 45°26'59.45"; E 41°58'0.35" | 20. Zheleznovodsk — N 44°8'25.54"; E 43°0'25.24" |
| 05. Izobilnyi — N 45°22'8.00"; E 41°42'38.00" | 21. Georgievsk — N 44°9'0.39"; E 43°27'58.74" |
| 06. Svetlograd — N 45°20'6.99"; E 42°51'16.98" | 22. Inozemtsevo — N 44°6'0.00"; E 43°6'0.00" |
| 07. Mikhailovsk — N 45°8'41.94"; E 42°0'33.92" | 23. Beshtau Mt. — N 44°4'36.83"; E 43°0'53.37" |
| 08. Kozhevnikov — N 45°9'41.20"; E 42°9'59.69" | 24. Mashuk Mt. — N 44°3'3.20"; E 43°5'19.80" |
| 09. Sengileevskoe Reservoir — N 45°1'39.52"; E 41°45'44.27" | 25. Pyatigorsk — N 44°2'12.85"; E 43°4'16.22" |
| 10. Kravtsovo Lake — N 45°0'50.04"; E 41°49'19.10" | 26. Essentuki (Essentukskaya) — N 44°1'0.21"; E 42°52'0.28" |
| 11. Stavropol — N 45°3'17.13"; E 41°58'2.81" | 27. Prietoksky — N 43°58'46.84"; E 43°25'46.63" |
| 12. Beshpagir — N 45°1'12.82"; E 42°22'27.60" | 28. Novopavlovsk — N 43°58'0.00"; E 43°37'60.00" |
| 13. Gofitskoe — N 45°4'53.86"; E 43° 2'34.50" | 29. Kislovodsk — N 43°54'2.31"; E 42°43'0.71" |
| 14. Molochnyi — N 44°56'49.44"; E 43°33'4.47" | 30. Budennovsk — N 44°50'13.95"; E 44°7'28.91" |
| 15. Strizhament Mt. — N 44°48'33.15"; E 42°2'6.58" | 31. Velichaevskoe — N 44°56'9.24"; E 45°8'38.70" |
| 16. Medvedskaya Mt. — N 44°51'58.00"; E 42°52'4.00" | 32. Nezlobnaya — N 44°6'8.16"; E 43°24'55.90" |
| 17. Kursavka — N 44°26'59.77"; E 42°30'1.13" | 33. Neftekumsk — N 44°46'30.95"; E 44°55'55.52" |
| 18. Suvorovskaya — N 44°11'40.41"; E 42°39'10.02" | 34. Essentuki — N 44°3'59.97"; E 42°50'38.68" |
| | 35. 10 km S of Zaterechnyi — N 44°41'07.41"; E 45°10'15.13" |

36. 22 km NE of Arzgir, Chograi Reservoir — N 45°30'20.20"; E 44°26'56.14"

37. Andrei-Kurgan — N 44°35'38.15"; E 44°53'08.86"

38. Sovkhoznyi — N 44°04'23.36"; E 45°15'02.61"

Annotated checklist of species

AGELENIDAE

Agelena labyrinthica (Clerck, 1758)

MATERIAL. 1 ♂, Zheleznovodsk Distr., Inozemtsevo Vil., 25.06.2010 (P.I.); 5 ♂♂, 1 ♀, Izobilnyi, 9.07–8.08.2011 (V.K.); 1 ♀, s.l., afforestation of *Robinia pseudacacia*, 18.07–21.08.2013 (V.K.); 2 ♂♂, s.l., 5.07–15.08.2014 (V.K.).

Allagelena gracilens (C.L. Koch, 1841)

MATERIAL. 1 ♀, Zheleznovodsk Distr., Inozemtsevo Vil., 8.09.2013 (P.I.).

Eratigena agrestis (Walckenaer, 1802)

RECORDS. Beshpagir [Logunov, Penney, 2004].

MATERIAL. 1 ♀, Stavropol, village community, inside house, 18.08.2000 (T.Kh.); 1 ♀, Zheleznovodsk Distr., Beshtau Mt., 8.09.2013 (P.I.); 3 ♂♂, 4 ♀♀, Zheleznovodsk Distr., Inozemtsevo Vil., 8–9.09.2013 (P.I.); 2 ♂♂, 2 ♀♀, Izobilnyi, afforestation of *Robinia pseudacacia*, 18.07–21.08.2013 (V.K.); 1 ♂, s.l., small holding, 18.07–20.08.2013 (V.K.); 5 ♂♂, s.l., 5.07–15.08.2014 (V.K.).

Tegenaria chumachenkoi Kovblyuk et Ponomarev, 2008

RECORDS. Stavropol [Kovblyuk, Ponomarev, 2008].

Tegenaria domestica (Clerck, 1758)

MATERIAL. 1 ♀, Zheleznovodsk Distr., Inozemtsevo Vil., 8–9.09.2013 (P.I.).

Tegenaria lapidinarum Spassky, 1934

MATERIAL. 3 ♀♀, 22 km NE of Arzgir Vil., reeds along Chograi Reservoir bank, 14–25.07.1987 (S.A.).

Tegenaria sp. 1

MATERIAL. 1 ♂, 20 km S of Stavropol, Strizhament Mt., 18.07.2013 (E.T.).

COMMENTS. This species is close to *Tegenaria lehtineni* (Guseinov, Marusik et Koponen, 2005) but differs from it in the shape of the palpal tibial apophysis and relatively long palpal patella. This species seems to be new to science.

Tegenaria sp. 2

RECORDS. Zheleznovodsk [Ponomarev, Mikhailov, 2007: *Tegenaria pagana*, misidentification].

MATERIAL. 2 ♀♀, Zheleznovodsk Distr., Beshtau Mt., 26.06.2010 (P.I.); 1 ♀, same locality, 8.09.2013 (P.I.).

Pireneitega ovtchinnikovi Kovblyuk, Kastrygina, Marusik et Ponomarev, 2013

MATERIAL. 1 ♀, Pyatigorsk, S slope of Mashuk Mt., 600 m a.s.l., wood edge, 27.07.2008 (A.Z.).

ARANEIDAE

Aculepeira armida (Savigny et Audouin, 1826)

MATERIAL. 2 ♂♂, Apanasenkovskoe Distr., Manychskoe Vil., Manych-Gudilo Lake shore, 24.05.2005 (T.Kh.); 2 ♂♂, s.l., steppe, 26–31.05.2005 (T.Kh.); 1 ♀, s.l., wheat field, 2.06.2005 (T.Kh.).

Araneus angulatus Clerck, 1758

MATERIAL. 1 ♀, Izobilnyi, 5.07–15.08.2014 (V.K.).

Araneus diadematus Clerck, 1758

MATERIAL. 1 ♂, 1 ♀, Pyatigorsk, S piedmont of Beshtau Mt., forest-steppe, 29.08.2008 (A.Z.); 1 ♀, Essentuki, Essentukskaya Vil., 08.2003 (Yu.M.).

Argiope bruennichi (Scopoli, 1772)

RECORDS. Stavropol [Lukianov, 1897]; Beshpagir [Logunov, Penney, 2004].

MATERIAL. 1 ♂, 1 ♀, Neftekumsk Distr., nr. Andrei-Kurgan Vil., 1–10.07.1987 (S.A.); 1 ♀, Pyatigorsk, S piedmont of Beshtau Mt., forest-steppe, 29.08.2008 (A.Z.).

Argiope lobata (Pallas, 1772)

RECORDS. Beshpagir [Logunov, Penney, 2004].

Cercidia prominens (Westring, 1851)

MATERIAL. 1 ♀ subad., Izobilnyi, 9.07–8.08.2011 (V.K.); 1 ♂, s.l., afforestation of *Robinia pseudacacia*, 18.07–21.08.2013 (V.K.).

Gibbaranea bituberculata (Walckenaer, 1802)

MATERIAL. 1 ♀, Apanasenkovskoe Distr., Manychskoe Vil., afforestation, 26.05.2005 (T.Kh.).

Gibbaranea ullrichi (Hahn, 1835)

RECORDS. Manychskoe [Ponomarev et al., 2006].

MATERIAL. 2 ♀♀, Apanasenkovskoe Distr., Manychskoe Vil., steppe, 31.05.2005 (T.Kh.).

Hypsosinga albovittata (Westring, 1851)

RECORDS. Manychskoe [Ponomarev et al., 2006].
MATERIAL. 1 ♀, Apanasenkovskoe Distr., Manychskoe Vil., steppe, 26.05.2005 (T.Kh.).

Hypsosinga pygmaea (Sundevall, 1831)

MATERIAL. 2 ♂♂, 9 ♀♀, Apanasenkovskoe Distr., Manychskoe Vil., Manych-Gudilo Lake shore, 24–31.05.2005 (T.Kh.); 1 ♂, Neftekumsk, saline floodplain meadow, 23–27.04.2012 (S.A.).

Larinioides folium (Schrank, 1803)

RECORDS. Petrovsky District [Titova, Egorova, 1978: *Araneus cornutus*].

MATERIAL. 74 ♂♂, 40 ♀♀, Apanasenkovskoe Distr., Manychskoe Vil., Manych-Gudilo Lake shore, 24–31.05.2005 (T.Kh.); 1 ♂, s.l., saline meadow, 29.05.2005 (T.Kh.); 2 ♂♂, 1 ♀, s.l., 19–30.05.2005 (S.P.).

Larinioides ixobolus (Thorell, 1873)

RECORDS. Petrovsky District [Titova, Egorova, 1978: *Araneus*].

Mangora acalypha (Walckenaer, 1802)

RECORDS. Beshpagir [Logunov, Penney, 2004].

MATERIAL. 1 ♀, Trunovskoe Distr., Donskoe Vil., steppe, 22.09.2000 (T.Kh.); 2 ♀♀, Apanasenkovskoe Distr., Manychskoe Vil., Manych-Gudilo Lake shore, 24.05.2005 (T.Kh.); 5 ♂♂, 33 ♀♀, s.l., afforestation, 25–26.05.2005 (T.Kh.); 1 ♀, s.l., 19–30.05.2005 (S.P.).

Neoscona adianta (Walckenaer, 1802)

RECORDS. Beshpagir [Logunov, Penney, 2004]; Zheleznovodsk [Ponomarev, Mikhailov, 2007].

MATERIAL. 1 ♂, 20 km NE of Stavropol, Kozhevnikov Vil., steppe, 19.07.2000 (T.Kh.); 2 ♀♀, Sengileevskoe Reservoir, forb steppe, 17.09.2000 (T.Kh.); 1 ♂, 1 ♀, Trunovskoe Distr., Donskoe Vil., steppe, 22.09.2000 (T.Kh.); 14 ♂♂, 13 ♀♀, Apanasenkovskoe Distr., Manychskoe Vil., Manych-Gudilo Lake shore, 24–31.05.2005 (T.Kh.); 67 ♂♂, 33 ♀♀, s.l., steppe, 26–31.05.2005 (T.Kh.); 4 ♂♂, 1 ♀, s.l., saline meadow, 29.05.2005 (T.Kh.); 1 ♀, s.l., 19–30.05.2005 (S.P.); 2 ♂♂, Petrovsky Distr., Gofitskoe Vil., 18–29.06.2005 (E.Kh.); 1 ♂, Petrovsky Distr., Medvedskaya Mt., steppe, 19.06.2005 (E.Kh.); 1 ♂, Zheleznovodsk Distr., Beshtau Mt., 28–30.07.2005 (A.R.).

Singa nitidula C.L. Koch, 1844

MATERIAL. 7 ♂♂, Apanasenkovskoe Distr., Manychskoe Vil., Manych-Gudilo Lake shore, 26.05.2005 (T.Kh.).

ATYPIDAE

Atypus muralis Bertkau, 1890

RECORDS. Stavropol Province [Lukianov, 1897: *Atypus anachoreta*; Zonshtein, 1985].

CLUBIONIDAE

Clubiona brevipes Blackwall, 1841

RECORDS. Suvorovskaya [Mikhailov, 1992].
MATERIAL. 1 ♀, Georgievsky Distr., Prietoksky Vil., 5.06.2003 (T.Kh.).

Clubiona caerulescens L. Koch, 1867

RECORDS. Pyatigorsk [Mikhailov, 1990].

Clubiona frisia Wunderlich et Schuett, 1995

RECORDS. Novopavlovsk [Mikhailov, 1990: *Clubiona similis*; 2003].

Clubiona golovatchi Mikhailov, 1990

RECORDS. Zheleznovodsk [Mikhailov, 1990, 2003].
MATERIAL. 1 ♀, Izobilnyi, 9.07–8.08.2011 (V.K.).

Clubiona lutescens Westring, 1851

RECORDS. Pyatigorsk [Mikhailov, 1990].

Clubiona neglecta O. Pickard-Cambridge, 1862

RECORDS. Petrovsk [Mikhailov, 1990].

Clubiona pallidula (Clerck, 1758)

RECORDS. Suvorovskaya [Mikhailov, 1990].

Clubiona pseudoneglecta Wunderlich, 1994

MATERIAL. 2 ♀♀, Izobilnyi, grassy meadow, 18.07–18.08.2013 (V.K.); 1 ♀, s.l., afforestation of *Robinia pseudacacia*, 18.07–21.08.2013 (V.K.); 1 ♂, 3 ♀♀, s.l., 5.07–15.08.2014 (V.K.).

DICTYNIDAE

Archaeodictyna consecuta (O. Pickard-Cambridge, 1872)

MATERIAL. 1 ♂, Neftekumsk Distr., 10 km S of Zatrechnyi Vil., sagebrush-grass steppe, 23–27.04.2012 (S.A.).

Argenna patula (Simon, 1874)

MATERIAL. 1 ♂, Neftekumsk, saline floodplain meadow, 23–27.04.2012 (S.A.).

Argenna subnigra (O. Pickard-Cambridge, 1861)

MATERIAL. 1 ♀, Apanasenkovskoe Distr., Manychskoe Vil., Manych-Gudilo Lake shore, 26.05.2005 (T.Kh.); 1 ♂, Neftekumsk, salt-pan with tamariks (*Tamarix* sp.), 23–27.04.2012 (S.A.).

Dictyna uncinata Thorell, 1856

MATERIAL. 1 ♀, Stavropol, on chestnut (*Aesculus hippocastanum*), 30.04.2000 (T.Kh.); 1 ♂, s.l., Taman forest, 30.04.2000 (T.Kh.); 1 ♀, Stavropol, village community, on raspberry (*Rubus idaeus*), 4.06.2000 (T.Kh.).

DYSDERIDAE

Dysdera crocata C.L. Koch, 1838

MATERIAL. 1 ♂, Neftekumsk Distr., nr. Andrei-Kurgan Vil., 1–10.07.1987 (S.A.); 6 ♂♂, 5 ♀♀, 22 km NE of Arzgir Vil., reeds along Chograi Reservoir bank, 14–25.07.1987 (S.A.); 211 ♂♂, 137 ♀♀, Izobilnyi, 9.07–8.08.2011 (V.K.); 15 ♂♂, 13 ♀♀, s.l., afforestation of *Robinia pseudacacia*, 18.07–21.08.2013 (V.K.); 21 ♂♂, 9 ♀♀, s.l., 5.07–15.08.2014 (V.K.).

Dysdera dunini Deeleman-Reinhold, 1988

RECORDS. Zheleznovodsk [Dunin, 1992].

Harpactea rubicunda (C.L. Koch, 1838)

RECORDS. Zheleznovodsk, Stavropol [Dunin, 1992].

ERESIDAE

Eresus kollari Rossi, 1846

RECORDS. Manychskoe [Ponomarev *et al.*, 2006: *Eresus cinnaberinus*].

MATERIAL. 1 ♂, Apanasenkovskoe Distr., Manychskoe Vil., afforestation, 25.05.2005 (T.Kh.); 2 ♂♂, Neftekumsk Distr., 10 km S of Zatrechnyi Vil., foot of dune, 23–27.04.2012 (S.A.).

EUTICHURIDAE

Cheiracanthium erraticum (Walckenaer, 1802)

MATERIAL. 1 ♂, Apanasenkovskoe Distr., Manychskoe Vil., steppe, 31.05.2005 (T.Kh.); 2 ♂♂, Petrovsky Distr., Gofitskoe Vil., steppe, 18.06.2005 (E.Kh.).

Cheiracanthium gratum Kulczyński, 1897

MATERIAL. 1 ♂, Neftekumsk Distr., 10 km S of Zatrechnyi Vil., dune foothill, 23–27.04.2012 (S.A.).

Cheiracanthium mildei L. Koch, 1864

MATERIAL. 1 ♀, Izobilnyi, 9.07–8.08.2011 (V.K.).

Cheiracanthium pelasgicum (C.L. Koch, 1837)

MATERIAL. 1 ♀, Neftekumsk Distr., nr. Andrei-Kurgan Vil., 1–10.07.1987 (S.A.).

Cheiracanthium pennyi O. Pickard-Cambridge, 1873

MATERIAL. 1 ♂, Sengileevskoe Reservoir, steppe, 11.06.2000 (T.Kh.); 5 ♂♂, 2 ♀♀, Apanasenkovskoe Distr., Manychskoe Vil., Manych-Gudilo Lake shore, 24–26.05.2005 (T.Kh.); 1 ♂, s.l., afforestation, 25.05.2005 (T.Kh.); 7 ♂♂, 3 ♀♀, s.l., steppe, 26.05.2005 (T.Kh.).

Cheiracanthium punctorium (Villers, 1789)

MATERIAL. 1 ♂, Izobilnyi, small holding, 18.07–20.08.2013 (V.K.).

Cheiracanthium virescens (Sundevall, 1832)

MATERIAL. 1 ♀, Izobilnyi, 5.07–15.08.2014 (V.K.).

GNAPHOSIDAE

Aphantaulax trifasciata (O. Pickard-Cambridge, 1872)

MATERIAL. 1 ♂, Izobilnyi, 9.07–8.08.2011 (V.K.).

Berlandina cinerea (Menge, 1872)

RECORDS. Beshpagir [Logunov, Penney, 2004].

MATERIAL. 9 ♂♂, 1 ♀, Neftekumsk Distr., 10 km S of Zatrechnyi Vil., sagebrush-grass steppe, 23–27.04.2012 (S.A.); 8 ♂♂, s.l., dune foothill, 23–27.04.2012 (S.A.); 14 ♂♂, Neftekumsk, salt-pan with tamarix, 23–27.04.2012 (S.A.).

Civizelotes caucasicus (L. Koch, 1866)

MATERIAL. 5 ♂♂, 2 ♀♀, Izobilnyi, 9.07–8.08.2011 (V.K.).

Civizelotes gracilis (Canestrini, 1868)

MATERIAL. 2 ♂♂, 1 ♀, Izobilnyi, 9.07–8.08.2011 (V.K.); 1 ♀, s.l., 5.07–15.08.2014 (V.K.).

Drassodes lapidosus (Walckenaer, 1802)

RECORDS. Beshpagir [Logunov, Penney, 2004].

MATERIAL. 2 ♂♂, Apanasenkovskoe Distr., Manychskoe Vil., 25–30.05.2005 (T.Kh.); 1 ♂, 1 ♀, Izobilnyi, 9.07–8.08.2011 (V.K.); 2 ♀♀, s.l., afforestation of *Robinia pseudacacia*, 18.07–21.08.2013 (V.K.); 1 ♀, s.l., 5.07–15.08.2014 (V.K.).

Drassodes pubescens (Thorell, 1856)

MATERIAL. 2 ♀♀, Izobilnyi, 9.07–8.08.2011 (V.K.); 1 ♀, s.l., grassy meadow, 18.07–18.08.2013 (V.K.); 5 ♀♀, s.l., afforestation of *Robinia pseudacacia*, 18.07–21.08.2013 (V.K.); 5 ♀♀, s.l., 5.07–15.08.2014 (V.K.).

Drassyllus praeficus (L. Koch, 1866)

MATERIAL. 1 ♂, Apanasenkovskoe Distr., Manychskoe Vil., Manych-Gudilo Lake shore, 24.05.2005 (T.Kh.); 18 ♀♀, Izobilnyi, 9.07–8.08.2011 (V.K.); 1 ♀, s.l., grassy meadow, 18.07–18.08.2013 (V.K.); 2 ♀♀, s.l., afforestation of *Robinia pseudacacia*, 18.07–21.08.2013 (V.K.); 2 ♀♀, s.l., 5.07–15.08.2014 (V.K.).

Drassyllus pusillus (C.L. Koch, 1833)

MATERIAL. 1 ♂, Stavropol, Chlinskiy forest, 7.05.2000 (T.Kh.); 3 ♂♂, 1 ♀, Apanasenkovskoe Distr., Manychskoe Vil., windbreak, 29.05–2.06.2005 (T.Kh.); 2 ♂♂, s.l., 25.05–3.06.2005 (T.Kh.); 2 ♂♂, 13 ♀♀, Izobilnyi, 9.07–8.08.2011 (V.K.); 1 ♀, s.l., afforestation of *Robinia pseudacacia*, 18.07–21.08.2013, (V.K.); 2

♀♀, s.l., 5.07–15.08.2014 (V.K.); 1 ♂, Neftekumsk, salt-pan with tamarix, 23–27.04.2012 (S.A.).

Drassyllus shaanxiensis Platnick et Song, 1986

Fig. 1.

MATERIAL. 3 ♂♂, Neftekumsk, saline floodplain meadow, 23–27.04.2012 (S.A.).

COMMENTS. This species was originally described from eastern China [Platnick, Song, 1986]. Recently, some females of this species were found in Tyulenyi island in the north-western part of Caspian Sea [Ponomarev et al., 2011]. The illustration of male palp of the studied specimens is given in Fig. 1.

Drassyllus vinealis (Kulczyński in Chyzer et Kulczyński, 1897)

MATERIAL. 1 ♂, Apanasenkovskoe Distr., Manychskoe Vil., 25–30.05.2005 (T.Kh.); 1 ♂, s.l., afforestation, 29.05–2.06.2005 (T.Kh.); 12 ♀♀, Izobilnyi, 9.07–8.08.2011 (V.K.); 2 ♀♀, s.l., 5.07–15.08.2014 (V.K.).

Gnaphosa cumensis Ponomarev, 1981

MATERIAL. 27 ♂♂, 17 ♀♀, Neftekumsk Distr., nr. Andrei-Kurgan Vil., 1–10.07.1987 (S.A.); 1 ♂, 8 ♀♀, 22 km NE of Arzgir Vil., reeds along Chograi Reservoir bank, 14–25.07.1987 (S.A.).

Gnaphosa dolosa O. Herman, 1879

MATERIAL. 1 ♀, Chograi Reservoir bank, 23.06.2000 (T.Kh.); 1 ♂, Apanasenkovskoe Distr., Manychskoe Vil., Manych-Gudilo Lake shore, 31.05.2005 (T.Kh.); 1 ♀, Neftekumsk, saline floodplain meadow, 23–27.04.2012 (S.A.); 1 ♂, Izobilnyi, 5.07–15.08.2014 (V.K.).

Gnaphosa leporina (L. Koch, 1866)

MATERIAL. 232 ♂♂, 70 ♀♀, Izobilnyi, 9.07–8.08.2011 (V.K.); 11 ♂♂, 22 ♀♀, s.l., grassy meadow, 18.07–18.08.2013 (V.K.); 10 ♂♂, 5 ♀♀, s.l., afforestation of *Robinia pseudacacia*, 18.07–21.08.2013 (V.K.); 6 ♂♂, 7 ♀♀, s.l., 5.07–15.08.2014 (V.K.); 2 ♂♂, Neftekumsk Distr., 10 km S of Zatrechnyi Vil., sagebrush-grass steppe, 23–27.04.2012 (S.A.); 13 ♀♀, Neftekumsk, salt-pan with tamarix, 23–27.04.2012 (S.A.).

Gnaphosa lucifuga (Walckenaer, 1802)

RECORDS. Petrovsky District [Titova, Egorova, 1978].

Gnaphosa mongolica Simon 1895

RECORDS. Beshpagir [Logunov, Penney, 2004].

MATERIAL. 8 ♂♂, 2 ♀♀, Neftekumsk Distr., 10 km S of Zatrechnyi Vil., dune foothill, 23–27.04.2012 (S.A.).

Gnaphosa saurica Ovtsharenko, Platnick et Song, 1992

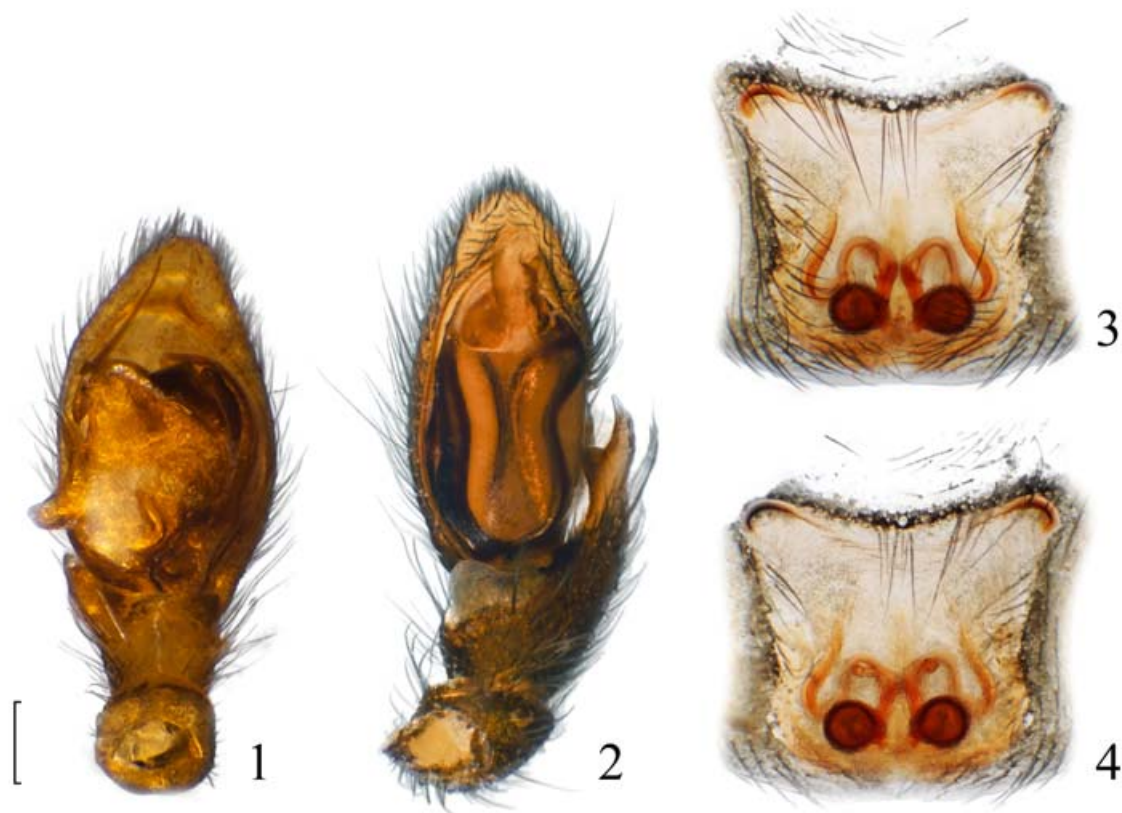
MATERIAL. 3 ♂♂, 2 ♀♀, Neftekumsk Distr., nr. Andrei-Kurgan Vil., 1–10.07.1987 (S.A.); 3 ♂♂, 2 ♀♀, 22 km NE of Arzgir Vil., reeds along Chograi Reservoir bank, 14–25.07.1987 (S.A.).

Gnaphosa taurica Thorell, 1875

MATERIAL. 1 ♂, Stavropol, Budarka Mt., 9.03.2001 (T.Kh.); 2 ♂♂, Apanasenkovskoe Distr., Manychskoe Vil., Manych-Gudilo Lake shore, 24.05.2005 (T.Kh.).

Haplodrassus bohemicus Miller et Buchar, 1977

RECORDS. Manychskoe [Ponomarev, Tsvetkov, 2006].



Figs. 1–4. Copulatory organs of *Drassyllus shaanxiensis* (1), *Poecilochroa senilis* (2) and *Zelotes eugenei* (3, 4): 1, 2 — male palp, ventral view; 3 — epigyne, ventral view; 4 — epigyne, dorsal view. Scale bars: 0.2 mm.

Рис. 1–4. Копулятивные органы *Drassyllus shaanxiensis* (1), *Poecilochroa senilis* (2) и *Zelotes eugenei* (3, 4): 1, 2 — пальпа самца, вид снизу; 3 — эпигина, вид снизу; 4 — эпигина, вид сверху. Масштаб 0,2 мм.

MATERIAL. 4 ♀♀, Izobilnyi, 9.07–8.08.2011 (V.K.).

Haplodrassus dalmatensis (L. Koch, 1866)

MATERIAL. 2 ♂♂, Apanasenkovskoe Distr., Manychskoe Vil., 25–30.05.2005 (T.Kh.); 1 ♀, s.l., afforestation, 29.05–2.06.2005 (T.Kh.).

Haplodrassus minor (O. Pickard-Cambridge, 1879)

MATERIAL. 2 ♂♂, Izobilnyi, 9.07–8.08.2011 (V.K.).

Haplodrassus signifer (C.L. Koch, 1839)

RECORDS. Petrovsky District [Titova, Egorova, 1978].

MATERIAL. 1 ♂, Apanasenkovskoe Distr., Manychskoe Vil., 19–20.05.2005 (S.P.); 1 ♂, Neftekumsk Distr., 10 km S of Zaterchnyi Vil., sagebrush-grass steppe, 23–27.04.2012 (S.A.).

Micaria albovittata (Lucas, 1846)

MATERIAL. 6 ♀♀, Izobilnyi, 9.07–8.08.2011 (V.K.); 1 ♀, s.l., 5.07–15.08.2014 (V.K.).

Micaria dives (Lucas, 1846)

MATERIAL. 1 ♀, Izobilnyi, 9.07–8.08.2011 (V.K.).

Micaria formicaria (Sundevall, 1831)

MATERIAL. 4 ♂♂, Izobilnyi, 9.07–8.08.2011 (V.K.); 1 ♀, s.l., afforestation of *Robinia pseudacacia*, 18.07–21.08.2013 (V.K.).

Micaria pallipes (Lucas, 1846)

MATERIAL. 5 ♂♂, 1 ♀, Neftekumsk, salt-pan with tamarix, 23–27.04.2012 (S.A.).

Micaria pulicaria (Sundevall, 1831)

MATERIAL. 1 ♀, Izobilnyi, 9.07–8.08.2011 (V.K.); 1 ♂, Neftekumsk, saline floodplain meadow, 23–27.04.2012 (S.A.).

Micaria rossica Thorell, 1875

RECORDS. Petrovsky District [Titova, Egorova, 1978; Mikhailov, 1987].

MATERIAL. 1 ♂, Apanasenkovskoe Distr., Manychskoe Vil., 25–30.05.2005 (T.Kh.); 1 ♂, 1 ♀, s.l., afforestation, 29.05–2.06.2005 (T.Kh.); 1 ♀, Izobilnyi, 9.07–8.08.2011 (V.K.); 5 ♂♂, 1 ♀, Neftekumsk, saline floodplain meadow, 23–27.04.2012 (S.A.); 1 ♂, s.l., salt-pan with tamarix, 23–27.04.2012 (S.A.); 2 ♂♂, Neftekumsk Distr., 10 km S of Zaterchnyi Vil., sagebrush-grass steppe, 23–27.04.2012 (S.A.); 1 ♂, 1 ♀, s.l., dune foothill, 23–27.04.2012 (S.A.).

Nomisia aussereri (L. Koch, 1872)

RECORDS. Beshpagir [Logunov, Penney, 2004].

Phaeoedus braccatus (L. Koch, 1866)

MATERIAL. 1 ♀, Neftekumsk Distr., nr. Andrei-Kurgan Vil., 1–10.07.1987 (S.A.); 7 ♂♂, 4 ♀♀, Izobilnyi, 9.07–8.08.2011 (V.K.); 9 ♀♀, s.l., afforestation of *Robinia pseudacacia*, 18.07–21.08.2013 (V.K.); 1 ♂, 15 ♀♀, s.l., 5.07–15.08.2014 (V.K.).

Poecilochroa senilis (O. Pickard-Cambridge, 1872)

Fig. 2.

MATERIAL. 1 ♂, Neftekumsk Distr., nr. Andrei-Kurgan Vil., 1–10.07.1987 (S.A.).

COMMENTS. In Russia, to date, this rare species has only been found in the Crimea [Kovblyuk, Tuneva, 2009] and Tyuleniy and Chechen islands in Daghestan [Ponomarev et al., 2011].

Sosticus loricatus (L. Koch, 1866)

MATERIAL. 1 ♂, Izobilnyi, 9.07–8.08.2011 (V.K.).

Talanites fagei Spassky, 1938

RECORDS. Suvorovskaya [Platnick, Ovtsharenko, 1991]; Manychskoe [Ponomarev, 2008a].

Trachyzelotes adriaticus (Caporiacco, 1951)

MATERIAL. 1 ♀, 22 km NE of Arzgir Vil., reeds along Chograi Reservoir bank, 14–25.07.1987 (S.A.); 12 ♂♂, 7 ♀♀, Neftekumsk Distr., nr. Andrei-Kurgan Vil., 1–10.07.1987 (S.A.).

Trachyzelotes cumensis (Ponomarev, 1979)

MATERIAL. 2 ♀♀, Neftekumsk Distr., nr. Andrei-Kurgan Vil., 1–10.07.1987 (S.A.); 1 ♀, 22 km NE of Arzgir Vil., reeds along Chograi Reservoir bank, 14–25.07.1987 (S.A.); 3 ♂♂, Neftekumsk, salt-pan with tamarix, 23–27.04.2012 (S.A.).

Trachyzelotes malkini Platnick et Murphy, 1984

RECORDS. Petrovsky District [Titova, Egorova, 1978: *Zelotes barbatus*, misidentification].

MATERIAL. 1 ♀, Neftekumsk Distr., nr. Andrei-Kurgan Vil., 1–10.07.1987 (S.A.); 1 ♂, 1 ♀, 22 km NE of Arzgir Vil., reeds along Chograi Reservoir bank, 14–25.07.1987 (S.A.); 1 ♂, Apanasenkovskoe Distr., Manychskoe Vil., 25–30.05.2005 (T.Kh.); 2 ♂♂, 21 ♀♀, Izobilnyi, 9.07–8.08.2011 (V.K.); 1 ♂, 1 ♀, s.l., afforestation of *Robinia pseudacacia*, 18.07–21.08.2013 (V.K.); 7 ♀♀, s.l., 5.07–15.08.2014 (V.K.).

Trachyzelotes manytchensis Ponomarev et Tsvetkov, 2006

RECORDS. Izobilnyi [Ponomarev et al., 2016].

Trachyzelotes pedestris (C.L. Koch, 1837)

MATERIAL. 1 ♂, 7 ♀♀, Izobilnyi, 9.07–8.08.2011 (V.K.); 3 ♀♀, s.l., afforestation of *Robinia pseudacacia*, 18.07–21.08.2013 (V.K.); 22 ♀♀, s.l., 5.07–15.08.2014 (V.K.).

Urozelotes rusticus (L. Koch, 1872)

MATERIAL. 1 ♀, Izobilnyi, 18.07–21.08.2013 (V.K.).

Zelotes azsheganovae Eyunin et Efimik, 1992

MATERIAL. 1 ♂, 1 ♀, Izobilnyi, 5.07–15.08.2014 (V.K.).

Zelotes electus (C.L. Koch, 1839)

RECORDS. Beshpagir [Logunov, Penney, 2004].

MATERIAL. 1 ♂, 18 ♀♀, Izobilnyi, 9.07–8.08.2011 (V.K.); 1 ♂, 1 ♀, s.l., afforestation of *Robinia pseudacacia*, 18.07–21.08.2013 (V.K.); 1 ♂, 5 ♀♀, s.l., 5.07–15.08.2014 (V.K.); 1 ♂, 2 ♀♀, Neftekumsk Distr., 10 km S of Zatrechnyi Vil., sagebrush-grass steppe, 23–27.04.2012 (S.A.); 5 ♂♂, 5 ♀♀, Neftekumsk, salt-pan with tamarix, 23–27.04.2012 (S.A.).

Zelotes eugenei Kovblyuk in Kovblyuk et Tuneva, 2009

Figs. 3, 4.

MATERIAL. 2 ♀♀, Neftekumsk Distr., nr. Andrei-Kurgan Vil., 1–10.07.1987 (S.A.); 4 ♀♀, 22 km NE of Arzgir Vil., reeds along Chograi Reservoir bank, 14–25.07.1987 (S.A.).

COMMENTS. This rare species was described from Kerch Peninsula of the Crimea [Kovblyuk, Tuneva, 2009] and was then recorded from the coast of Taganrog Bay [Ponomarev et al., 2016].

Zelotes fuscus (Thorell, 1875)

MATERIAL. 1 ♂, Apanasenkovskoe Distr., Manychskoe Vil., afforestation, 29.05–2.06.2005 (T.Kh.); 120 ♂♂, 130 ♀♀, Izobilnyi, 9.07–8.08.2011 (V.K.); 104 ♂♂, 92 ♀♀, s.l., afforestation of *Robinia pseudacacia*, 18.07–21.08.2013 (V.K.); 47 ♂♂, 28 ♀♀, s.l., 5.07–15.08.2014 (V.K.).

Zelotes hermani (Chyzer in Chyzer et Kulczyński, 1897)

MATERIAL. 4 ♀♀, Izobilnyi, 9.07–8.08.2011 (V.K.); 1 ♂, s.l., afforestation of *Robinia pseudacacia*, 18.07–21.08.2013 (V.K.).

Zelotes latreillei (Simon, 1878)

MATERIAL. 1 ♀, Izobilnyi, 9.07–8.08.2011 (V.K.); 5 ♂♂, s.l., afforestation of *Robinia pseudacacia*, 18.07–21.08.2013 (V.K.); 3 ♂♂, 4 ♀♀, s.l., 5.07–15.08.2014 (V.K.).

Zelotes longipes (L. Koch, 1866)

RECORDS. Kislovodsk [Spassky, 1936: *Prosthesima serotina*].

MATERIAL. 1 ♀, Izobilnyi, 9.07–8.08.2011 (V.K.); 1 ♂, s.l., 5.07–15.08.2014 (V.K.).

Zelotes mundus (Kulczyński in Chyzer et Kulczyński, 1897)

MATERIAL. 2 ♂♂, Neftekumsk, saline floodplain meadow, 23–27.04.2012 (S.A.).

Zelotes prishutovae Ponomarev et Tsvetkov, 2006

MATERIAL. 1 ♂, Neftekumsk Distr., nr. Andrei-Kurgan Vil., 1–10.07.1987 (S.A.).

Zelotes puritanus Chamberlin, 1922

MATERIAL. 3 ♂♂, Neftekumsk Distr., 10 km S of Zatrechnyi Vil., dune foothill, 23–27.04.2012 (S.A.).

Zelotes tenuis (L. Koch, 1866)

Figs. 5, 6.

MATERIAL. 2 ♂♂, Izobilnyi, 9.07–8.08.2011 (V.K.).

COMMENTS. In Russia, to date, this rare species has been found in the Crimea [Kovblyuk, 2005] and Krasnodar Province [Eyunin, Tuneva, 2012] only.

Zelotes sp.

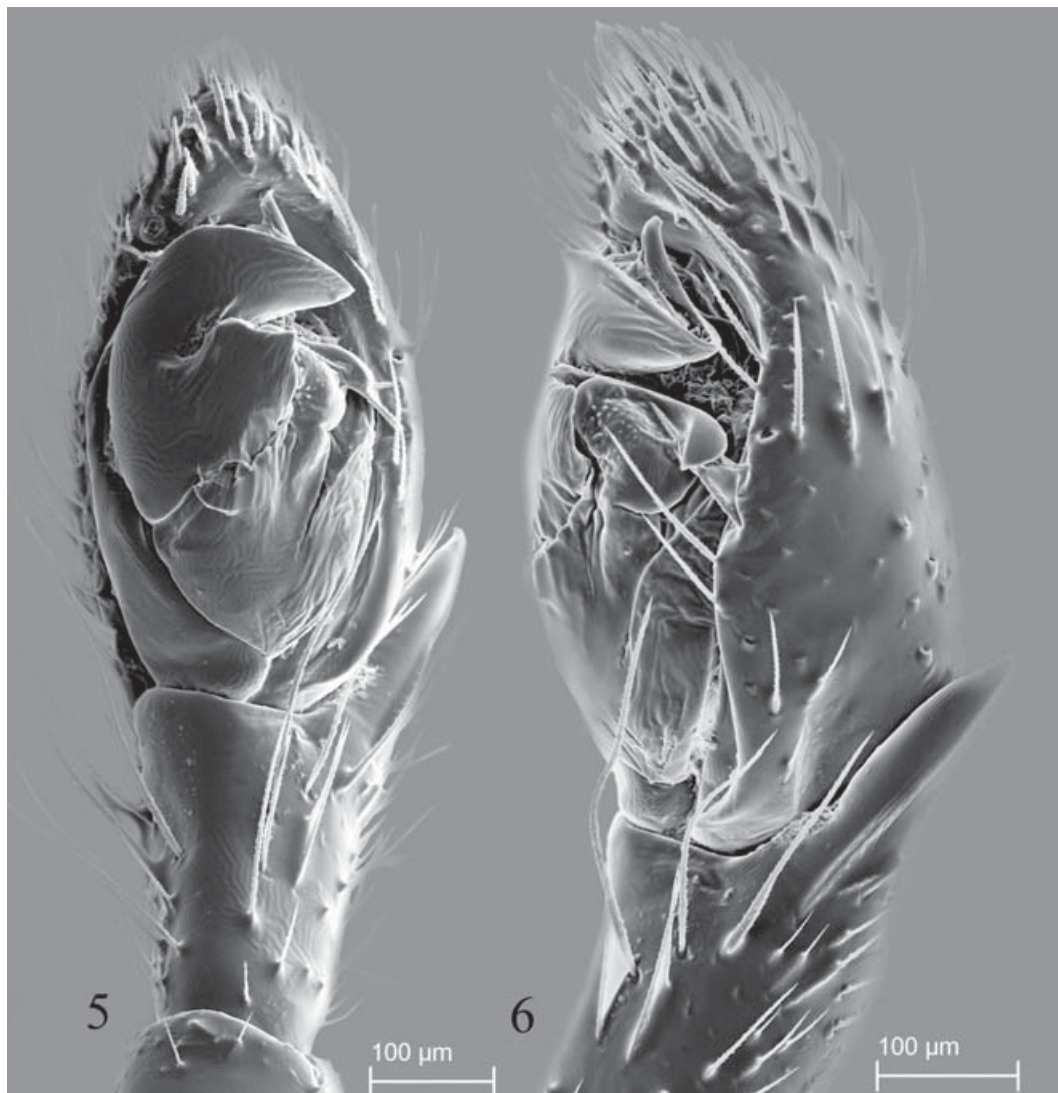
Fig. 7.

MATERIAL. 1 ♂, 22 km NE of Arzgir Vil., reeds along Chograi Reservoir bank, 14–25.07.1987 (S.A.).

COMMENTS. The bulbus structure in this species resembles that of the *puritanus* group in the genus *Zelotes*. However, it differs from other species of the *puritanus* group in having the elongated and thin palpal tibial apophysis. The only collected male does not allow us to identify this species with confidence.

Gnaphosidae gen. sp.

Figs. 8, 9.



Figs. 5, 6. Male palp of *Zelotes tenuis*: 5 — ventral view; 6 — lateral view.

Рис. 5, 6. Пальпа самца *Zelotes tenuis*: 5 — вид снизу; 6 — вид сбоку.

MATERIAL. 1 ♂, 22 km NE of Arzgir Vil., reeds along Chograi Reservoir bank, 14–25.07.1987 (S.A.).

COMMENTS. We have been unable to identify a genus name for this species.

LINYPHIIDAE

Acartauchenius scurrilis (O. Pickard-Cambridge, 1872)

MATERIAL. 1 ♂, Neftekumsk Distr., 10 km S of Zaterechnyi Vil., dune foothill, 23–27.04.2012 (S.A.).

Agyneta rurestris (C.L. Koch, 1836)

MATERIAL. 1 ♂, Stavropol, inside an apartment house, 17.06.2000 (T.Kh.); 1 ♀, Apanasenkovskoe Distr., Manychskoe Vil., Manych-Gudilo Lake shore, 26.05.2005 (T.Kh.); 1 ♂, s.l., afforestation, 29.05–2.06.2005 (T.Kh.); 1 ♀, Izobilnyi, 9.07–8.08.2011 (V.K.); 1 ♂, 1 ♀, Neftekumsk, saline floodplain meadow, 23–27.04.2012 (S.A.).

Agyneta saaristoi Tanasevitch, 2000

MATERIAL. 1 ♂, Pyatigorsk, S slope of Mashuk Mt., 600 m a.s.l., forest edge, 27.07.2008 (A.Z.).

Centromerus minor Tanasevitch, 1990

RECORDS. Zheleznovodsk [Tanasevitch, 1990].

Dicymbium nigrum (Blackwall, 1834)

RECORDS. Pyatigorsk [Tanasevitch, 1987].

Diplocephalus picinus (Blackwall, 1841)

RECORDS. Pyatigorsk [Tanasevitch, 1987].

Diplostyla concolor (Wider, 1834)

RECORDS. Zheleznovodsk [Tanasevitch, 1987].

MATERIAL. 1 ♀, Izobilnyi, 9.07–8.08.2011 (V.K.); 1 ♀, Zheleznovodsk Distr., Beshtau Mt., 8.09.2013 (P.I.).



Figs. 7–9. *Zelotes* sp. (7) and Gnaphosidae gen. sp. (8, 9): 7, 8 — male palp, ventral view; 9 — male, dorsal view. Scale bars: figs. 7, 8 — 0.2 mm; fig. 9 — 1 mm.

Рис. 7–9. *Zelotes* sp. (7) и Gnaphosidae gen. sp. (8, 9): 7, 8 — палпы самца, вид снизу; 9 — самец, вид сверху. Масштаб: рис. 7, 8 — 0,2 мм; рис. 9 — 1 мм.

Entelecara acuminata (Wider, 1834)

RECORDS. Zheleznovodsk [Tanasevitch, 1987].

Erigonoplus globipes (L. Koch, 1872)

MATERIAL. 1 ♀, Izobilnyi, 9.07–8.08.2011 (V.K.).

Erigonoplus spinifemoralis Dimitrov, 2003

MATERIAL. 1 ♂, Neftekumsk Distr., nr. Andrei-Kurgan Vil., 1–10.07.1987 (S.A.).

Gnathonarium dentatum (Wider, 1834)

MATERIAL. 1 ♀, Neftekumsk, saline floodplain meadow, 23–27.04.2012 (S.A.).

Incestophantes amotus (Tanasevitch, 1990)

RECORDS. Kislovodsk [Ponomarev et al., 2006; Ponomarev, Mikhailov, 2007].

Lepthyphantes leprosus (Ohlert, 1867)

RECORDS. Beshpagir [Logunov, Penney, 2004].

Linyphia triangularis (Clerck, 1758)

RECORDS. Beshpagir [Logunov, Penney, 2004].

Maso sundevalli (Westring, 1851)

RECORDS. Pyatigorsk [Tanasevitch, 1987].

Mecynargus minutipalpis Gnelitsa, 2011

MATERIAL. 1 ♀, Neftekumsk Distr., nr. Andrei-Kurgan Vil., 1–10.07.1987 (S.A.); 2 ♀♀, Neftekumsk, saline floodplain meadow, 23–27.04.2012 (S.A.).

Metopobactrus prominulus (O. Pickard-Cambridge, 1872)

RECORDS. Kursavka, Georgievsk [Tanasevitch, 1987].

Micrargus subaequalis (Westring, 1851)

RECORDS. Zheleznovodsk [Tanasevitch, 1987].

Microneta viaria (Blackwall, 1841)

RECORDS. Zheleznovodsk, Pyatigorsk [Tanasevitch, 1987].

Microlinyphia pusilla (Sundevall, 1830)

MATERIAL. 2 ♂♂, Apanasenkovskoe Distr., Manychskoe Vil., afforestation, 29.05–2.06.2005 (T.Kh.); 1 ♂, 4 ♀♀, s.l., Manych-Gudilo Lake shore, 31.05.2005 (T.Kh.).

Oedothorax apicatus (Blackwall, 1850)

MATERIAL. 1 ♀, Neftekumsk Distr., nr. Andrei-Kurgan Vil., 1–10.07.1987 (S.A.); 1 ♀, Neftekumsk, saline floodplain meadow, 23–27.04.2012 (S.A.); 1 ♀, Izobilnyi, 9.07–8.08.2011 (V.K.).

Sauron? sp.

MATERIAL. 1 ♂, Neftekumsk, salt-pan with tamarix, 23–27.04.2012 (S.A.).

Savignia frontata (Blackwall, 1833)

RECORDS. Pyatigorsk [Tanasevitch, 1987].

Silometopus reussi (Thorell, 1871)

MATERIAL. 2 ♀♀, Neftekumsk, saline floodplain meadow, 23–27.04.2012 (S.A.).

Stemonyphantes lineatus (Linnaeus, 1758)

MATERIAL. 1 ♂, 1 ♀, Neftekumsk, salt-pan with tamarix, 23–27.04.2012 (S.A.).

Styloctetor compar (Westring, 1861)

MATERIAL. 1 ♂, Neftekumsk, saline floodplain meadow, 23–27.04.2012 (S.A.), det. A.V. Tanasevitch.

Styloctetor romanus (O. Picard-Cambridge, 1872)

RECORDS. Beshpagir [Logunov, Penney, 2004].
MATERIAL. 1 ♂, Apanasenkovskoe Distr., Manychskoe Vil., afforestation, 26.05.2005 (T.Kh.).

Tenuiphantes menzei (Kulczyński, 1887)

RECORDS. Zheleznovodsk, Pyatigorsk [Tanasevitch, 1987: *Lepthyphantes*].

MATERIAL. 2 ♀♀, Pyatigorsk, S slope of Mashuk Mt., 600 m a.s.l., forest edge, 27.07.2008 (A.Z.); 1 ♂, 2 ♀♀, Zheleznovodsk Distr., Beshtau Mt., 26.06.2010 (P.I.); 2 ♀♀, s.l., 8.09.2013 (P.I.); 1 ♀, Zheleznovodsk Distr., Inozemtsevo Vil., 8–9.09.2013 (P.I.).

Tenuiphantes tenuis (Blackwall, 1852)

RECORDS. Beshpagir [Logunov, Penney, 2004].

Trichoncoides piscator (Simon, 1884)

MATERIAL. 2B&, Neftekumsk Distr., nr. Andrei-Kurgan Vil., 1–10.07.1987 (S.A.).

Walckenaeria antica (Wider, 1834)

RECORDS. Zheleznovodsk [Tanasevitch, 1987].
MATERIAL. 1 ♀, Stavropol, Budarka Mt., 9.03.2000 (T.Kh.).

Walckenaeria atrotibialis O. Pickard-Cambridge, 1878

RECORDS. Pyatigorsk [Tanasevitch, 1987].

Walckenaeria cucullata (C.L. Koch, 1836)

RECORDS. Pregradnaya [Tanasevitch, 1990].

LIOCRRANIDAE

Agroeca cuprea Menge, 1873

MATERIAL. 24 ♀♀, Izobilnyi, 9.07–8.08.2011 (V.K.); 4 ♀♀, s.l., 5.07–15.08.2014 (V.K.).

Agroeca lusatica (L. Koch, 1875)

MATERIAL. 7 ♀♀, Izobilnyi, 9.07–8.08.2011 (V.K.); 2 ♀♀, s.l., 5.07–15.08.2014 (V.K.).

Liocranoeca spasskyi Ponomarev, 2007

MATERIAL. 4 ♂♂, Neftekumsk, saline floodplain meadow, 23–27.04.2012 (S.A.).

Liocranoeca striata (Kulczyński, 1881)

RECORDS. Petrovsky District [Titova, Egorova, 1978: *Agraecina*].

LYCOSIDAE

Allohogna singoriensis (Laxmann, 1770)

MATERIAL. 2 ♀♀, Apanasenkovskoe Distr., Manychskoe Vil., garden, 31.05.2005 (T.Kh.).

Alopecosa cuneata (Clerck, 1758)

MATERIAL. 27 ♂♂, 10 ♀♀, Neftekumsk, saline floodplain meadow, 23–27.04.2012 (S.A.); 27 ♂♂, 11 ♀♀, s.l., salt-pan with tamarix, 23–27.04.2012 (S.A.).

Alopecosa cursor (Hahn, 1831)

MATERIAL. 3 ♂♂, Neftekumsk Distr., 10 km S of Zatrechnyi Vil., sagebrush-grass steppe, 23–27.04.2012 (S.A.); 16 ♂♂, 1 ♀, s.l., dune foothill, 23–27.04.2012 (S.A.); 2 ♂♂, Neftekumsk, salt-pan with tamarix, 23–27.04.2012 (S.A.).

Alopecosa farinosa (O. Herman, 1879)

MATERIAL. 1 ♂, Stavropol, 17.04.2000 (T.Kh.); 1 ♂, 20 km NE of Stavropol, Kozhevnikov Vil., steppe, 25.03.2001 (T.Kh.); 3 ♀♀, Izobilnyi, 9.07–8.08.2011 (V.K.).

Alopecosa pulverulenta (Clerck, 1758)

MATERIAL. 6 ♀♀, Izobilnyi, 9.07–8.08.2011 (V.K.); 3 ♀♀, s.l., afforestation of *Robinia pseudacacia*, 18.07–21.08.2013 (V.K.); 35 ♀♀, s.l., 5.07–15.08.2014 (V.K.).

Alopecosa taeniopus (Kulczyński, 1895)

MATERIAL. 3 ♀♀, Apanasenkovskoe Distr., Manychskoe Vil., Manych-Gudilo Lake shore, 24.05.2005 (T.Kh.); 5 ♂♂, Neftekumsk Distr., 10 km S of Zatrechnyi Vil., sagebrush-grass steppe, 23–27.04.2012 (S.A.); 1 ♂, Neftekumsk, salt-pan with tamarix, 23–27.04.2012 (S.A.).

Arctosa leopardus (Sundevall, 1832)

MATERIAL. 1 ♀, Neftekumsk Distr., nr. Andrei-Kurgan Vil., 1–10.07.1987 (S.A.); 150 ♂♂, 100 ♀♀, Neftekumsk, saline floodplain meadow, 23–27.04.2012 (S.A.); 30 ♂♂, 13 ♀♀, s.l., salt-pan with tamarix, 23–27.04.2012 (S.A.).

Aulonia albimana (Walckenaer, 1805)

MATERIAL. 1 ♀, Zheleznovodsk Distr., Beshtau Mt., 8.09.2013 (P.I.).

Caspicosa manytchensis Ponomarev, 2007

RECORDS. Stavropol [Ponomarev, 2007].

Evippa apsheronica Marusik, Guseinov et Koponen, 2003

MATERIAL. 1 ♂, Neftekumsk Distr., nr. Andrei-Kurgan Vil., 1–10.07.1987 (S.A.).

Hogna radiata (Latreille, 1817)

RECORDS. Zheleznovodsk [Schmidt, 1895: *Lycosa radiata* var. *liguriensis*].

MATERIAL. 1 ♂, Neftekumsk Distr., nr. Andrei-Kurgan Vil., 1–10.07.1987 (S.A.); 8 ♂♂, 2 ♀♀, 22 km NE of Arzgir Vil., reeds along Chograi Reservoir bank, 14–25.07.1987 (S.A.); 11 ♂♂, 3 ♀♀, Izobilnyi, 9.07–8.08.2011 (V.K.); 3 ♂♂, s.l., grassy meadow, 18.07–18.08.2013 (V.K.); 3 ♂♂, 1 ♀, s.l., afforestation of *Robinia pseudacacia*, 18.07–21.08.2013 (V.K.); 1 ♂, s.l., small holding, 18.07–21.08.2013 (V.K.); 2 ♂♂, 1 ♀, s.l., 5.07–15.08.2014 (V.K.).

Mustelicosa dimidiata (Thorell, 1875)

RECORDS. Manychskoe [Ponomarev *et al.*, 2006].
MATERIAL. 6 ♂♂, 2 ♀♀, Apanasenkovskoe Distr., Manychskoe Vil., 29.05–2.06.2005 (T.Kh.); 1 ♀, Izobilnyi, 5.07–15.08.2014 (V.K.).

Pardosa agrestis (Westring, 1861)

RECORDS. Petrovsky District [Titova, Egorova, 1978: *Pardosa monticola*, misidentification].

MATERIAL. 1 ♂, 17 ♀♀, Neftekumsk Distr., nr. Andrei-Kurgan Vil., 1–10.07.1987 (S.A.); 14 ♂♂, 9 ♀♀, 22 km NE of Arzgir Vil., reeds along Chograi Reservoir bank, 14–25.07.1987 (S.A.); 19 ♂♂, 7 ♀♀, Neftekumsk, saline floodplain meadow, 23–27.04.2012 (S.A.); 53 ♂♂, 28 ♀♀, s.l., salt-pan with tamarix, 23–27.04.2012 (S.A.); 19 ♂♂, 6 ♀♀, Neftekumsk Distr., 10 km S of Zatrechnyi Vil., sagebrush-grass steppe, 23–27.04.2012 (S.A.); 1 ♂, 3 ♀♀, near Kravtsovo Lake, 13.06.2000 (T.Kh.); 36 ♂♂, 21 ♀♀, Apanasenkovskoe Distr., Manychskoe Vil., Manych-Gudilo Lake shore, 24–30.05.2005 (T.Kh.); 56 ♂♂, 15 ♀♀, s.l., afforestation 26.05–2.06.2005 (T.Kh.); 3 ♂♂, Izobilnyi, 9.07–8.08.2011 (V.K.); 1 ♀, s.l., grassy meadow, 18.07–18.08.2013 (V.K.); 4 ♂♂, 1 ♀, s.l., afforestation of *Robinia pseudacacia*, 18.07–21.08.2013 (V.K.); 3 ♂♂, 2 ♀♀, s.l., 5.07–15.08.2014 (V.K.).

Pardosa italica Tongiorgi, 1966

MATERIAL. 2 ♂♂, 1 ♀, Apanasenkovskoe Distr., Manychskoe Vil., Manych-Gudilo Lake shore, 24–26.05.2005 (T.Kh.); 11 ♂♂, 10 ♀♀, Neftekumsk, saline floodplain meadow, 23–27.04.2012 (S.A.).

Pardosa jaikensis Ponomarev, 2008

MATERIAL. 2 ♂♂, 9 ♀♀, Neftekumsk, saline floodplain meadow, 23–27.04.2012 (S.A.); 12 ♂♂, 9 ♀♀, s.l., salt-pan with tamarix, 23–27.04.2012 (S.A.).

Pardosa luctinosa Simon, 1876

MATERIAL. 11 ♂♂, 19 ♀♀, Neftekumsk Distr., nr. Andrei-Kurgan Vil., 1–10.07.1987 (S.A.); 26 ♂♂, 6 ♀♀, Neftekumsk, saline floodplain meadow, 23–27.04.2012 (S.A.).

Pardosa lugubris (Walckenaer, 1802)

MATERIAL. 62 ♀♀, Izobilnyi, 9.07–8.08.2011 (V.K.); 1 ♀, s.l., grassy meadow, 18.07–18.08.2013 (V.K.); 14 ♀♀, s.l., afforestation of *Robinia pseudacacia*, 18.07–21.08.2013 (V.K.); 3 ♀♀, s.l., 5.07–15.08.2014 (V.K.).

Pardosa nebulosa (Thorell, 1872)

RECORDS. Svetlograd, Sengileevskoe Reservoir [Ponomarev et al., 2006].

MATERIAL. 1 ♀, Svetlograd, in garden, 1.05.2000 (T.Kh.); 1 ♀, bank of Sengileevskoe Reservoir, 23.06.2000 (T.Kh.); 1 ♂, Zheleznovodsk Distr., Inozemtsevo, 8.09.2013 (P.I.).

Pardosa paludicola (Clerck, 1758)

MATERIAL. 3 ♂♂, 1 ♀, Stavropol, Budarka Mt., 22.03.2001 (T.Kh.).

Pardosa pontica (Thorell, 1875)

RECORDS. Stavropol [Zyuzin, Logunov, 2000].

MATERIAL. 1 ♀, Izobilnyi, 9.07–8.08.2011 (V.K.); 7 ♂♂, 14 ♀♀, s.l., 5.07–15.08.2014 (V.K.); 1 ♂, 3 ♀♀, s.l., 5.07–15.08.2014 (V.K.); 1 ♂, 5 ♀♀, Neftekumsk, saline floodplain meadow, 23–27.04.2012 (S.A.).

Pardosa prativaga (L. Koch, 1870)

MATERIAL. 22 ♂♂, 7 ♀♀, Neftekumsk, saline floodplain meadow, 23–27.04.2012 (S.A.).

Pirata piraticus (Clerck, 1758)

MATERIAL. 4 ♂♂, 3 ♀♀, Neftekumsk, saline floodplain meadow, 23–27.04.2012 (S.A.).

Piratula hygrophila (Thorell, 1872)

MATERIAL. 2 ♀♀, Zheleznovodsk Distr., Beshtau Mt., 28–30.07.2005 (A.R.).

Trochosa cachetiensis Mcheidze, 1997

Figs. 10–15.

MATERIAL. 2 ♂♂, 2 ♀♀, Zheleznovodsk Distr., Beshtau Mt., 8.09.2013 (P.I.).

Trochosa robusta (Simon, 1876)

MATERIAL. 1 ♀, Neftekumsk Distr., nr. Andrei-Kurgan Vil., 1–10.07.1987 (S.A.); 6 ♂♂, Neftekumsk, saline floodplain meadow, 23–27.04.2012 (S.A.); 4 ♂♂, 3 ♀♀, s.l., salt-pan with tamariks, 23–27.04.2012 (S.A.); 1 ♀, Apanasenkovskoe Distr., Manychskoe Vil., 29.05–2.06.2005 (T.Kh.); 9 ♂♂, 4 ♀♀, s.l., 24.05–2.06.2005 (T.Kh.); 1 ♂, s.l., 19–30.05.2005 (S.P.); 11 ♂♂, 11 ♀♀, Izobilnyi, 9.07–8.08.2011 (V.K.); 4 ♀♀, s.l., grassy meadow, 18.07–18.08.2013 (V.K.); 1 ♂, 4 ♀♀, s.l., afforestation of *Robinia pseudacacia*, 18.07–21.08.2013 (V.K.); 2 ♀♀, s.l., 5.07–15.08.2014 (V.K.).

Trochosa ruricola (De Geer, 1778)

MATERIAL. 2 ♂♂, 3 ♀♀, 22 km NE of Arzgir Vil., reeds along Chograi Reservoir bank, 14–25.07.1987 (S.A.); 3 ♂♂, Apanasenkovskoe Distr., Manychskoe Vil., Manych-Gudilo Lake shore, 24–30.05.2005 (T.Kh.); 4 ♂♂, s.l., afforestation, 29.05–2.06.2005 (T.Kh.); 1 ♂, 3 ♀♀, Izobilnyi, 9.07–8.08.2011 (V.K.); 1 ♀, s.l., afforestation of *Robinia pseudacacia*, 18.07–21.08.2013 (V.K.); 26 ♀♀, s.l., 5.07–15.08.2014 (V.K.); 6 ♂♂, 1 ♀, Neftekumsk, saline floodplain meadow, 23–27.04.2012 (S.A.); 1 ♂, 1 ♀, Zheleznovodsk Distr., Inozemtsevo, 8.09.2013 (P.I.).

Trochosa terricola Thorell, 1856

RECORDS. Petrovsky District [Titova, Egorova, 1978].

MATERIAL. 1 ♀, Stavropol, 17.04.2000 (T.Kh.); 1 ♀, s.l., 7.05.2000 (T.Kh.); 1 ♂, s.l., Budarka Mt., 9.03.2001 (T.Kh.); 77 ♂♂, 85 ♀♀, Izobilnyi, 9.07–8.08.2011 (V.K.); 11 ♂♂, 113 ♀♀, s.l., afforestation of *Robinia pseudacacia*, 18.07–21.08.2013 (V.K.); 2 ♂♂, 8 ♀♀, s.l., 5.07–15.08.2014 (V.K.).

Xerolycosa miniata (C.L. Koch, 1834)

RECORDS. Beshpagir [Logunov, Penney, 2004].

MATERIAL. 1 ♀, near Kravtsovo Lake, 13.06.2000 (T.Kh.); 19 ♂♂, 6 ♀♀, Apanasenkovskoe Distr., Manychskoe Vil., 25.05–2.06.2005 (T.Kh.); 57 ♂♂, 34 ♀♀, Izobilnyi, 9.07–8.08.2011 (V.K.); 9 ♂♂, 22 ♀♀, s.l., grassy meadow, 18.07–18.08.2013 (V.K.); 4 ♂♂, 12 ♀♀, s.l., 5.07–15.08.2014 (V.K.).

Xerolycosa nemoralis (Westring, 1861)

MATERIAL. 2 ♀♀, Izobilnyi, 9.07–8.08.2011 (V.K.).

MITURGIDAE

Zora armillata Simon, 1878

MATERIAL. 1 ♀, Izobilnyi, 5.07–15.08.2014 (V.K.).

Zora pardalis Simon, 1878

MATERIAL. 1 ♂, Apanasenkovskoe Distr., Manychskoe Vil., 25–30.05.2005 (T.Kh.).

Zora silvestris Kulczyński, 1897

MATERIAL. 1 ♀, Izobilnyi, 9.07–8.08.2011 (V.K.); 1 ♀, s.l., 5.07–15.08.2014 (V.K.).

OXYOPIDAE

Oxyopes heterophthalmus (Latreille, 1804)

RECORDS. Beshpagir [Logunov, Penney, 2004]; Budennovsk [Esyunin, Tuneva, 2009].



Figs. 10, 11. *Trochosa cachetiensis*: 10 — male, dorsal view; 11 — female, dorsal view. Scale bars: 1 mm.
Рис. 10, 11. *Trochosa cachetiensis*: 10 — самец, вид сверху; 11 — самка, вид сверху. Масштаб 1 мм.

MATERIAL. 5 ♂♂, 5 ♀♀, Apanasenkovskoe Distr., Manychskoe Vil., Manych-Gudilo Lake shore, 24–31.05.2005 (T.Kh.); 76 ♂♂, 13 ♀♀, s.l., steppe, 26–31.05.2005 (T.Kh.); 1 ♂, s.l., saline meadow, 29.05.2005 (T.Kh.); 1 ♂, 1 ♀, s.l., 19–30.05.2005 (S.P.); 1 ♀, Medvedskaya Mt., steppe, 19.06.2005 (E.Kh.).

Oxyopes lineatus Latreille, 1806

RECORDS. Beshpagir [Logunov, Penny, 2004].

MATERIAL. 1 ♀, Trunovskoe Distr., Donskoe Vil., steppe, 22.09.2000 (T.Kh.); 2 ♂♂, Petrovsky Distr., Gofitskoe Vil., 29.06.2005 (E.Kh.).

Oxyopes xinjiangensis Hu et Wu, 1989

MATERIAL. 1 ♀, Kursky Distr., Sovkhoznyi Vil., 5–6.08.2016 (E.T.).

PHILODROMIDAE

Artanes poecilus (Thorell, 1872)

MATERIAL. 1 ♀, Izobilnyi, 5.07–15.08.2014 (V.K.).

Philodromus cespitum (Walckenaer, 1802)

RECORDS. Stavropol, Sengileevskoe Reservoir, Manychskoe [Khanov, Ponomarev, 2006].

MATERIAL. 1 ♀, Izobilnyi, 9.07–8.08.2011 (V.K.); 3 ♀♀, s.l., afforestation of *Robinia pseudacacia*, 18.07–21.08.2013 (V.K.).

Pulhellodromus ruficapillus (Simon, 1885)

RECORDS. Manych-Gudilo [Ponomarev *et al.*, 2006: sub *Philodromus glaucinus*, misidentification]; Manychskoe [Khanov, Ponomarev, 2006: sub *P. glaucinus*, misidentification].

Rhysodromus histrio (Latreille, 1819)

RECORDS. Manychskoe [Khanov, Ponomarev, 2006: *Philodromus*]; Velichaevskoe [Szita, Logunov, 2008: *Philodromus*].

MATERIAL. 1 ♀, Apanasenkovskoe Distr., Manychskoe Vil., 19–30.05.2005 (S.P.).

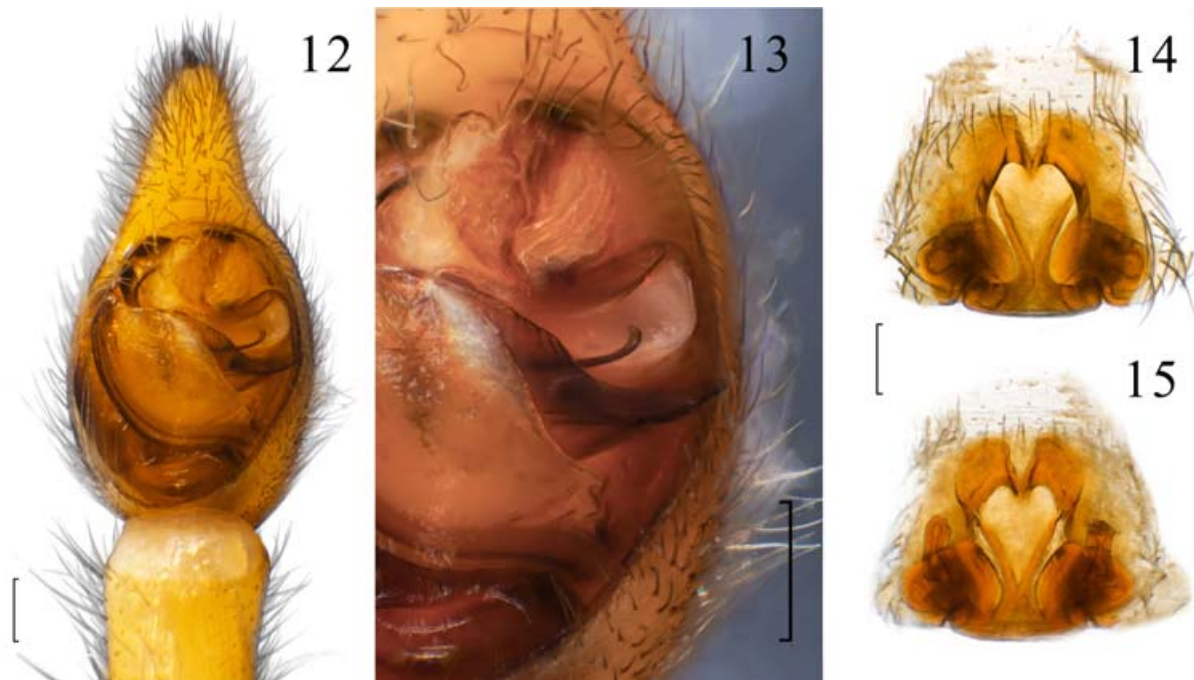
Thanatus arenarius Thorell, 1872

RECORDS. Belye Kopani, Manychskoe [Khanov, Ponomarev, 2006].

MATERIAL. 3 ♀♀, Izobilnyi, 9.07–8.08.2011 (V.K.); 21 ♂♂, 3 ♀♀, Neftekumsk Distr., 10 km S of Zatrechnyi Vil., sagebrush-grass steppe, 23–27.04.2012 (S.A.); 1 ♂, s.l., dune foothill, 23–27.04.2012 (S.A.); 9 ♂♂, 1 ♀, Neftekumsk, salt-pan with tamariks, 23–27.04.2012 (S.A.).

Thanatus atratus Simon, 1875

MATERIAL. 1 ♂, Neftekumsk Distr., nr. Andrei-Kurgan Vil., 1–10.07.1987 (S.A.).



Figs. 12–15. *Trochosa cachetiensis*: 12 — male palp, ventral view; 13 — part of bulbus, ventral view; 14 — epigyne, ventral view; 15 — epigyne, dorsal view. Scale bars: 0.2 mm.

Рис. 12–15. *Trochosa cachetiensis*: 12 — палпа самца, вид снизу; 13 — часть бульбуса, вид снизу; 14 — эпигина, вид снизу; 15 — эпигина, вид сверху. Масштаб 0,2 мм.

Thanatus imbecillus L. Koch, 1878

MATERIAL. 2 ♂♂, Neftekumsk Distr., 10 km S of Zatrechnyi Vil., sagebrush-grass steppe, 23–27.04.2012 (S.A.); 13 ♂♂, s.l., dune foothill, 23–27.04.2012 (S.A.); 1 ♀, Neftekumsk, salt-pan with tamarix, 23–27.04.2012 (S.A.).

Thanatus oblongiusculus (Lucas, 1846)

RECORDS. Manychskoe [Ponomarev et al., 2006; Khanov, Ponomarev, 2006: in both sub *Paratibellus*].
MATERIAL. 1 ♀, 20 km S of Stavropol, Strizhament Mt., 18.07.2013 (E.T.).

Tibellus oblongus (Walckenaer, 1802)

RECORDS. Petrovsky district [Titova, Egorova, 1978]; Sengileevskoe Reservoir, Manychskoe, Prietoksky [Khanov, Ponomarev, 2006].
MATERIAL. 2 ♀♀, Izobilnyi, afforestation of *Robinia pseudacacia*, 18.07–21.08.2013 (V.K.); 1 ♀, s.l., 5.07–15.08.2014 (V.K.).

PHOLCIDAE

Pholcus ponticus Thorell, 1875

RECORDS. Beshpagir [Logunov, Penney, 2004]; Manychskoe [Ponomarev et al., 2006].
MATERIAL. 2 ♂♂, 4 ♀♀, Apanasenkovskoe Distr., Manychskoe Vil., apartment building, 3.06.2005 (T.Kh.); 2 ♀♀, Zheleznovodsk Distr., Inozemtsevo, 8.09.2013 (P.I.); 1 ♂, Izobilnyi, apartment building, 18.07–20.08.2013 (V.K.).

PHRUROLITHIDAE

Phrurolithus festivus (C.L. Koch, 1835)

RECORDS. Beshpagir [Logunov, Penney, 2004].

PISAURIDAE

Pisaura mirabilis (Clerck, 1758)

RECORDS. Petrovsky District [Titova, Egorova, 1978]; Beshpagir [Logunov, Penney, 2004].

Pisaura novicia (L. Koch, 1878)

MATERIAL. 1 ♀, Stavropol, Chlinskiy forest, 7.05.2000 (T.Kh.); 3 ♂♂, 4 ♀♀, Apanasenkovskoe Distr., Manychskoe Vil., Manych-Gudilo Lake shore, 24–31.05.2005 (T.Kh.); 6 ♂♂, s.l., afforestation, 29.05–2.06.2005 (T.Kh.).

SALTICIDAE

Aelurillus laniger Logunov et Marusik, 2000

MATERIAL. 1 ♂, Apanasenkovskoe Distr., Manychskoe Vil., 25–30.05.2005 (T.Kh.).

Aelurillus v-insignitus (Clerck, 1758)

MATERIAL. 3 ♂♂, 1 ♀, Apanasenkovskoe Distr., Manychskoe Vil., steppe, 25–31.05.2005 (T.Kh.); 3 ♂♂, s.l., afforestation, 26.05–2.06.2005 (T.Kh.); 6 ♀♀, Izobilnyi, 9.07–8.08.2011 (V.K.); 2 ♂♂, Neftekumsk Distr., 10 km S of Zatrechnyi Vil., sagebrush-grass steppe, 23–27.04.2012 (S.A.); 3 ♂♂, s.l., dune foothill, 23–27.04.2012 (S.A.).

Ballus chalybeius (Walckenaer, 1802)

MATERIAL. 1 ♀, Apanasenkovskoe Distr., Manychskoe Vil., Manych-Gudilo Lake shore, 24.05.2005 (T.Kh.).

Carrhotus xanthogramma (Latreille, 1819)

RECORDS. Stavropol [Logunov, Guseinov, 2002]; Essentuki [Logunov, 2015].

Euophrys frontalis (Walckenaer, 1802)
MATERIAL. 1 ♂, Apanasenkovskoe Distr., Manychskoe Vil., 25–30.05.2005 (T.Kh.); 2 ♀♀, Izobilnyi, 9.07–8.08.2011 (V.K.); 3 ♀♀, s.l., afforestation of *Robinia pseudacacia*, 18.07–21.08.2013 (V.K.).

Evarcha arcuata (Clerck, 1758)
RECORDS. Beshpagir [Logunov, Penny, 2004]; Essentuki [Logunov, 2015].

MATERIAL. 1 ♂, Sengileevskoe Reservoir, steppe, 11.06.2000 (T.Kh.); 1 ♂, Izobilnyi, 9.07–8.08.2011 (V.K.); 1 ♂, 2 ♀♀, s.l., afforestation of *Robinia pseudacacia*, 18.07–21.08.2013 (V.K.); 1 ♂, s.l., 5.07–15.08.2014 (V.K.); 1 ♂, Zheleznovodsk Distr., Besh-tau Mt., 25–27.07.2015 (E.T.).

Heliophanus auratus C.L. Koch, 1835
RECORDS. Beshpagir [Logunov, Penney, 2004]; Logunov, 2015].

MATERIAL. 1 ♂, Apanasenkovskoe Distr., Manychskoe Vil., saline meadow, 29.05.2005 (T.Kh.); 1 ♂, 1 ♀, s.l., afforestation, 26.05–2.06.2005 (T.Kh.).

Heliophanus cupreus (Walckenaer, 1802)
RECORDS. Beshpagir [Logunov, Penney, 2004].
MATERIAL. 1 ♂, Stavropol, Tamanskiy Forest, 30.04.2000 (T.Kh.); 1 ♀, Pyatigorsk, N slope of Mashuk Mt., 500 m a.s.l., forest, 27.07.2008 (A.Z.).

Heliophanus flavipes (Hahn, 1832)
MATERIAL. 1 ♂, Stavropol, Russian Forest, Besputskaya Clearing Botanical Park, 23.06.2000 (T.Kh.); 1 ♀, Apanasenk-ovskoe Distr., Manychskoe Vil., afforestation, 25.05.2005 (T.Kh.); 5 ♂♂, 5 ♀♀, s.l., afforestation, 25.05–2.06.2005 (T.Kh.); 1 ♀, Stavropol, 3.07.2005 (E.Kh.).

Heliophanus kuktas Logunov, 1992
RECORDS. Manychskoe [Ponomarev *et al.*, 2008].
MATERIAL. 1 ♀, Apanasenkovskoe Distr., Manychskoe Vil., pasture, 26.05.2005 (T.Kh.).

Heliophanus patagiatus Thorell, 1875
MATERIAL. 1 ♂, Apanasenkovskoe Distr., Manychskoe Vil., afforestation, 29.05–2.06.2005 (T.Kh.).

Myrmarachne formicaria (De Geer, 1778)
MATERIAL. 1 ♂, Izobilnyi, afforestation of *Robinia pseudacacia*, 18.07–21.08.2013 (V.K.).

Neon rayi (Simon, 1875)
MATERIAL. 1 ♀, Neftekumsk Distr., nr. Andrei-Kurgan Vil., 1–10.07.1987 (S.A.).

Pellenes allegrii Caporiacco, 1935
MATERIAL. 1 ♀, Neftekumsk Distr., nr. Andrei-Kurgan Vil., 1–10.07.1987 (S.A.); 1 ♂, 1 ♀, Neftekumsk, saline floodplain meadow, 23–27.04.2012 (S.A.).

Pellenes nigrociliatus (Simon in L. Koch, 1875)
MATERIAL. 1 ♀, Apanasenkovskoe Distr., Manychskoe Vil., afforestation, 29.05–2.06.2005 (T.Kh.).

Pellenes seriatus (Thorell, 1875)
MATERIAL. 1 ♂, Apanasenkovskoe Distr., Manychskoe Vil., steppe, 31.05.2005 (T.Kh.); 2 ♂♂, 2 ♀♀, Neftekumsk, saline flood-plain meadow, 23–27.04.2012 (S.A.); 3 ♂♂, s.l., salt-pan with tamarix, 23–27.04.2012 (S.A.); 1 ♂, Neftekumsk Distr., 10 km S of Zatrechnyi Vil., sagebrush-grass steppe, 23–27.04.2012 (S.A.).

Phlegra fasciata (Hahn, 1826)
MATERIAL. 4 ♂♂, 1 ♀, Izobilnyi, 9.07–8.08.2011 (V.K.); 2 ♀♀, s.l., grassy meadow, 18.07–18.08.2013 (V.K.); 1 ♂, 1 ♀, s.l., afforestation of *Robinia pseudacacia*, 18.07–21.08.2013 (V.K.); 5 ♂♂, 3 ♀♀, s.l., 5.07–15.08.2014 (V.K.).

Philaeus chrysops (Poda, 1761)
RECORDS. Pyatigorsk [Verzhbitsky, 1902].
MATERIAL. 1 ♀, Apanasenkovskoe Distr., Manychskoe Vil., trampled steppe, 26.05.2005 (T.Kh.).

Pseudeuophrys erratica (Walckenaer, 1825)
RECORDS. Pyatigorsk [Logunov, 1998].
MATERIAL. 1 ♂, Stavropol, Chlinskiy forest, 7.05.2000 (T.Kh.); 1 ♀, Zheleznovodsk Distr., Beshtau Mt., 8.09.2013 (P.I.).

Pseudeuophrys obsoleta (Simon, 1868)
MATERIAL. 1 ♂, Apanasenkovskoe Distr., Manychskoe Vil., afforestation, 26.05.2005 (T.Kh.).

Pseudicius encarpatus (Walckenaer, 1802)
RECORDS. Stavropol [Logunov, Guseinov, 2002].
MATERIAL. 1 ♀, Neftekumsk, salt-pan with tamarix, 23–27.04.2012 (S.A.).

Salticus tricinctus (C.L. Koch, 1846)
MATERIAL. 1 ♂, Apanasenkovskoe Distr., Manychskoe Vil., Many-Gudilo Lake shore, 24.05.2005 (T.Kh.); 2 ♂♂, 2 ♀♀, s.l., afforestation, 26.05–2.06.2005 (T.Kh.).

Sitticus dzieduszycii (L. Koch, 1870)
RECORDS. Stavropol [Logunov, Guseinov, 2002].
MATERIAL. 2 ♀♀, Trunovskoe Distr., Donskoe Vil., steep river bank, 22.09.2000 (T.Kh.).

Sitticus penicillatus (Simon, 1875)
MATERIAL. 1 ♂, Izobilnyi, 9.07–8.08.2011 (V.K.); 1 ♂, s.l., 5.07–15.08.2014 (V.K.).

Sitticus zimmermanni Simon, 1877
MATERIAL. 2 ♂♂, 1 ♀, Izobilnyi, 9.07–8.08.2011 (V.K.); 2 ♂♂, s.l., afforestation of *Robinia pseudacacia*, 18.07–21.08.2013 (V.K.); 2 ♂♂, 2 ♀♀, s.l., 5.07–15.08.2014 (V.K.).

Talavera petrensis (C.L. Koch, 1837)
MATERIAL. 1 ♂, Apanasenkovskoe Distr., Manychskoe Vil., afforestation, 29.05–2.06.2005 (T.Kh.).

SPARASSIDAE

Micrommata virescens (Clerck, 1758)
MATERIAL. 1 ♀ juv., Sengileevskoe Reservoir, grassy steppe, 17.09.2000 (T.Kh.).

TETRAGNATHIDAE

Metellina merianae (Scopoli, 1763)
MATERIAL. 1 ♂, Zheleznovodsk Distr., Inozemtsevo Vil., 8–9.09.2013 (P.I.).

Pachygnatha clercki Sundevall, 1823
MATERIAL. 1 ♂, Apanasenkovskoe Distr., Manychskoe Vil., Many-Gudilo Lake shore, 24.05.2005 (T.Kh.); 2 ♂♂, Nefte-kumsk, saline floodplain meadow, 23–27.04.2012 (S.A.).

Pachygnatha degeeri Sundevall, 1830

MATERIAL. 1 ♂, Apanasenskovo Distr., Manychskoe Vil., 25–30.05.2005 (T.Kh.); 1 ♂, 2 ♀♀, s.l., afforestation, 29.05–2.06.2005 (T.Kh.); 9 ♂♂, 18 ♀♀, Neftekumsk, saline floodplain meadow, 23–27.04.2012 (S.A.); 1 ♀, s.l., salt-pan with tamariks, 23–27.04.2012 (S.A.); 4 ♀♀, Izobilnyi, 5.07–15.08.2014 (V.K.).

Tetragnatha extensa (Linnaeus, 1758)

RECORDS. Petrovsky District [Titova, Egorova, 1978].

MATERIAL. 5 ♂♂, 7 ♀♀, Apanasenskovo Distr., Manychskoe Vil., Manych-Gudilo Lake shore, 26–31.05.2005 (T.Kh.).

Tetragnatha pinicola L. Koch, 1870

MATERIAL. 1 ♀, Sengileevskoe Reservoir, 11.06.2000 (T.Kh.); 1 ♂, 4 ♀♀, Apanasenskovo Distr., Manychskoe Vil., Manych-Gudilo Lake shore, 24–26.05.2005 (T.Kh.).

THERIDIIDAE

Asagena phalerata (Panzer, 1801)

MATERIAL. 1 ♂, 1 ♀, Izobilnyi, 9.07–8.08.2011 (V.K.).

Dipoena melanogaster (C.L. Koch, 1837)

MATERIAL. 1 ♀, Pyatigorsk, S slope of Mashuk Mt., 600 m a.s.l., forest edge, 27.07.2008 (A.Z.).

Enoplognatha latimana Hippa et Oksala, 1982

RECORDS. Zheleznovodsk [Ponomarev, Mikhailov, 2007].

MATERIAL. 3 ♀♀, Pyatigorsk, S slope of Mashuk Mt., 600 m a.s.l., forest edge, 27.07.2008 (A.Z.).

Enoplognatha ovata (Clerck, 1758)

RECORDS. Beshpagir [Logunov, Penney, 2004].

MATERIAL. 2 ♀♀, Pyatigorsk, S slope of Mashuk Mt., 600 m a.s.l., forest edge, 27.07.2008 (A.Z.).

Enoplognatha thoracica (Hahn, 1833)

MATERIAL. 1 ♂, 1 ♀, Apanasenskovo Distr., Manychskoe Vil., afforestation, 26.05.2005 (T.Kh.); 1 ♂, s.l., steppe, 31.05.2005 (T.Kh.); 1 ♀, Izobilnyi, 9.07–8.08.2011 (V.K.).

Episinus truncatus Latreille, 1809

RECORDS. Beshpagir [Logunov, Penney, 2004].

MATERIAL. 9 ♂♂, 13 ♀♀, Izobilnyi, 9.07–8.08.2011 (V.K.); 1 ♀, s.l., afforestation of *Robinia pseudacacia*, 18.07–21.08.2013 (V.K.).

Euryopsis saukeya Levi, 1951

RECORDS. Beshpagir [Logunov, Penney, 2004].

MATERIAL. 1 ♂, Apanasenskovo Distr., Manychskoe Vil., Manych-Gudilo Lake shore, 24.05.2005 (T.Kh.); 2 ♂♂, s.l., steppe, 26.05.2005 (T.Kh.).

Heterotheridion nigrovariegatum (Simon, 1873)

MATERIAL. 3 ♀♀, Pyatigorsk, N slope of Mashuk Mt., 500 m a.s.l., forest, 27.07.2008, (A.Z.).

Kochiura aulica (C.L. Koch, 1838)

MATERIAL. 1 ♀, Kursky Distr., Sovchoznyi Vil., 5–6.08.2016 (E.T.).

Latrodectus tredecimguttatus (P. Rossi, 1790)

RECORDS. Stavropol Province [Köppen, 1881].

MATERIAL. 1 ♀, 22 km NE of Arzgir Vil., reeds along Chograi Reservoir bank, 14–25.07.1987 (S.A.).

Parasteatoda tepidariorum (C.L. Koch, 1841)

RECORDS. Beshpagir [Logunov, Penney, 2004: sub *Achaearanea*]; Stavropol [Ponomarev et al., 2006: sub *Achaearanea*].

MATERIAL. 1 ♂, 1 ♀, Stavropol, Botanical garden, in greenhouse, 7.06.2000 (T.Kh.); 1 ♀, Zheleznovodsk Distr., Inozemtsevo Vil., 8–9.09.2013 (P.I.).

Phylloneta impressa (L. Koch, 1881)

RECORDS. Beshpagir [Logunov, Penney, 2004: sub *Theridion*].

MATERIAL. 1 ♀, Molochnyi Vil., 17.09.2000 (T.Kh.); 1 ♀, Sengileevskoe Reservoir, grassy steppe, 17.09.2000 (T.Kh.); 1 ♂, Apanasenskovo Distr., Manychskoe Vil., afforestation, 25.05.2005 (T.Kh.); 6 ♂♂, 3 ♀♀, s.l., Manych-Gudilo Lake shore, 26–31.05.2005 (T.Kh.); 1 ♂, 1 ♀, s.l., steppe, 31.05.2005 (T.Kh.); 1 ♂, Petrovsky Distr., Gofitskoe Vil., steppe, 18.06.2005 (E.Kh.).

Robertus golovatchi Eskov, 1987

MATERIAL. 1 ♀, Zheleznovodsk Distr., Beshtau Mt., 8.09.2013 (P.I.).

Robertus heydemanni Wiehle, 1965

RECORDS. Manychskoe [Ponomarev et al., 2006].

MATERIAL. 1 ♂, Apanasenskovo Distr., Manychskoe Vil., Manych-Gudilo Lake shore, 26.05.2005 (T.Kh.).

Robertus lividus (Blackwall, 1836)

MATERIAL. 2 ♂♂, Izobilnyi, 9.07–8.08.2011 (V.K.); 1 ♂, s.l., afforestation of *Robinia pseudacacia*, 18.07–21.08.2013 (V.K.); 1 ♂, s.l., 5.07–15.08.2014 (V.K.).

Steatoda albomaculata (De Geer, 1778)

MATERIAL. 1 ♂, Izobilnyi, 9.07–8.08.2011 (V.K.); 1 ♂, Neftekumsk Distr., 10 km S of Zatrechnyi Vil., dune foothill, 23–27.04.2012 (S.A.).

Steatoda bipunctata (Linnaeus, 1758)

MATERIAL. 1 ♂, 3 ♀♀, Zheleznovodsk Distr., Inozemtsevo Vil., 8.09.2013 (P.I.).

Steatoda castanea (Clerck, 1758)

RECORDS. Beshpagir [Logunov, Penney, 2004].

MATERIAL. 1 ♂, Stavropol, inside an apartment house, 17.06.2000 (T.Kh.); 1 ♀, Mikhailovsk, 27.09.2000 (T.Kh.); 1 ♀, Apanasenskovo Distr., Manychskoe Vil., inside house, 3.06.2005 (T.Kh.).

Steatoda paykulliana (Walckenaer, 1806)

MATERIAL. 1 ♀, Apanasenskovo Distr., Manychskoe Vil., garden, 31.05.2005 (T.Kh.).

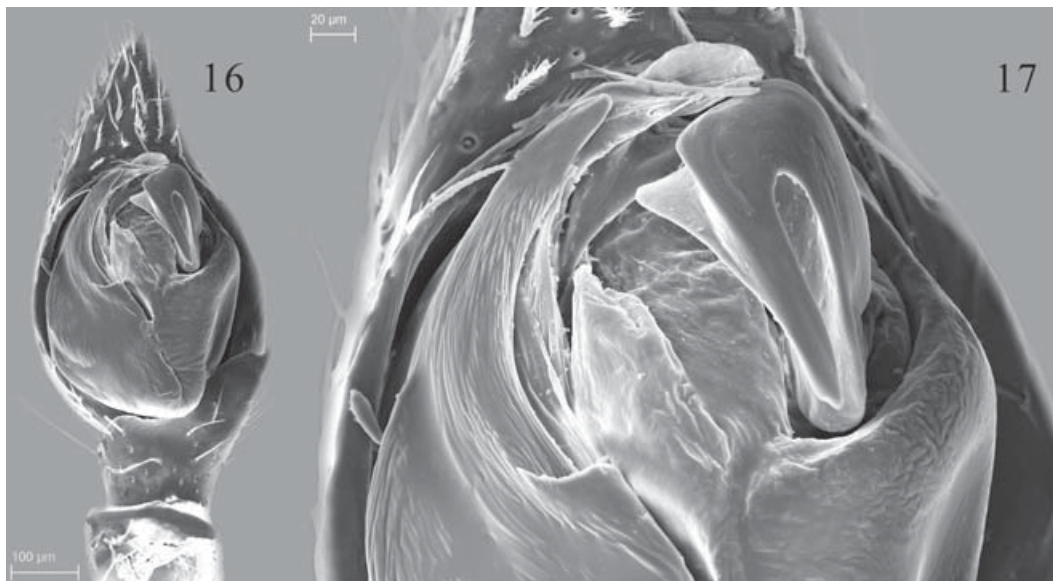
Steatoda triangulosa (Walckenaer, 1802)

RECORDS. Beshpagir [Logunov, Penney, 2004].

MATERIAL. 1 ♀, Zheleznovodsk Distr., Inozemtsevo Vil., 8–9.2013 (P.I.).

Theridion uhligi Martin, 1974

RECORDS. Manychskoe [Ponomarev, 2008b].



Figs. 16, 17. *Zodarion rubidium*: 16 — male palp, ventral view; 17 — distal part of bulb, ventral view.
Рис. 16, 17. *Zodarion rubidium*: 16 — палепа самца, вид снизу; 17 — дистальная часть бульбуса, вид снизу.

Theridion varians (Hahn, 1833)

MATERIAL. 1 ♂, Stavropol, Botanical Garden, inside greenhouse, 7.06.2000 (T.Kh.).

THOMISIDAE

Cosyptila guseinovorum Marusik et Kovblyuk in Marusik, Lhtinen et Kovblyuk, 2005

RECORDS. Beshpagir [Logunov, Penney, 2004: sub *Ozyptila* sp.; Marusik et al., 2005]; Stavropol [Ponomarev et al., 2006; Khanov, Ponomarev, 2006: both as *Ozyptila blackwalli*, misidentification].

Ebrechtella tricuspidata (Fabricius, 1775)

RECORDS. Stavropol, Sengileevskoe Reservoir, Donskoe, Manychskoe, Mikhailovsk, Prietoksky [Khanov, Ponomarev, 2006: *Misumenops*].

MATERIAL. 1 ♀, Izobilnyi, 5.07–15.08.2014 (V.K.)

Heriaeus oblongus Simon, 1918

RECORDS. Manychskoe [Khanov, Ponomarev, 2006].

MATERIAL. 1 ♀, Zheleznovodsk Distr., Beshtau Mt., 25–27.07.2015 (E.T.).

Misumena vatia (Clerck, 1758)

RECORDS. Stavropol [Lukianov, 1897]; Beshpagir [Logunov, Penney, 2004]; Stavropol, Gofitskoe, Mikhailovsk [Khanov, Ponomarev, 2006].

MATERIAL. 3 ♀♀, Zheleznovodsk Distr., Beshtau Mt., 25–27.07.2015 (E.T.).

Ozyptila atomaria (Panzer, 1801)

MATERIAL. 2 ♀♀, Izobilnyi, afforestation of *Robinia pseudacacia*, 18.07–21.08.2013 (V.K.); 2 ♀♀, s.l., 5.07–15.08.2014 (V.K.).

Ozyptila praticola (C.L. Koch, 1837)

RECORDS. Beshpagir [Logunov, Penney, 2004]; Stavropol [Khanov, Ponomarev, 2006].

MATERIAL. 3 ♂♂, 28 ♀♀, Izobilnyi, 9.07–8.08.2011 (V.K.); 13 ♀♀, s.l., afforestation of *Robinia pseudacacia*, 18.07–21.08.2013 (V.K.); 2 ♀♀, s.l., 5.07–15.08.2014 (V.K.).

Ozyptila scabricula (Westring, 1851)

RECORDS. Manychskoe [Khanov, Ponomarev, 2006].

MATERIAL. 1 ♀, Izobilnyi, 9.07–8.08.2011 (V.K.); 2 ♀♀, s.l., grassy meadow, 18.07–18.08.2013 (V.K.); 1 ♂, Neftekumsk Distr., 10 km S of Zatrechnyi Vil., dune foothill, 23–27.04.2012 (S.A.); 1 ♂, Neftekumsk, salt-pan with tamarix, 23–27.04.2012 (S.A.).

Ozyptila simplex (O. Pickard-Cambridge, 1862)

MATERIAL. 2 ♀♀, Izobilnyi, 9.07–8.08.2011 (V.K.).

Pistius truncatus (Pallas, 1772)

RECORDS. Kravtsovo Lake [Khanov, Ponomarev, 2006].

Runcinia grammica (C.L. Koch, 1837)

RECORDS. Stavropol [Khanov, Ponomarev, 2006: *Runcinia lateralis*].

MATERIAL. 1 ♀, Pyatigorsk, S slope of Mashuk Mt., 600 m a.s.l., forest edge, 27.07.2008 (A.Z.); 1 ♀, Izobilnyi, 9.07–8.08.2011 (V.K.); 1 ♂, Zheleznovodsk Distr., Beshtau Mt., 25–27.07.2015 (E.T.).

Synema globosum (Fabricius, 1775)

RECORDS. Beshpagir [Logunov, Penney, 2004]; Sengileevskoe Reservoir, Gofitskoe, Prietoksky [Khanov, Ponomarev, 2006].

Thomisus onustus Walckenaer, 1805

RECORDS. Beshpagir [Logunov, Penney, 2004]; Belye Kopani, Manychskoe, Gofitskoe [Khanov, Ponomarev, 2006: *Thomisus albus*]; Zheleznovodsk [Ponomarev, Mikhailov, 2007: *Thomisus albus*].

Xysticus acerbus Thorell, 1872

MATERIAL. 1 ♂, Neftekumsk Distr., 10 km S of Zatrechnyi Vil., dune foothill, 23–27.04.2012 (S.A.); 1 ♀, Neftekumsk, saline floodplain meadow, 23–27.04.2012 (S.A.).

Table 1. List of spider families found in Stavropol Province and their species richness.
Таблица 1. Список семейств пауков, выявленных в Ставропольском крае и их видовое богатство.

Families	Total number of species recorded	Our records	Literature records
1. Agelenidae	9	8	3
2. Araneidae	15	13	8
3. Atypidae	1	–	1
4. Clubionidae	8	3	7
5. Dictynidae	4	4	–
6. Dysderidae	3	1	2
7. Eresidae	1	1	1
8. Eutichuridae	7	7	–
9. Gnaphosidae	51	47	13
10. Linyphiidae	33	18	19
11. Liocranidae	4	3	1
12. Lycosidae	29	28	8
13. Miturgidae	3	3	–
14. Oxyopidae	3	3	2
15. Philodromidae	9	8	6
16. Pholcidae	1	1	1
17. Phrurolithidae	1	–	1
18. Pisauridae	2	1	1
19. Salticidae	26	25	9
20. Sparassidae	1	1	–
21. Tetragnathidae	5	5	1
22. Theridiidae	22	21	11
23. Thomisidae	22	16	15
24. Titanoecidae	2	2	–
25. Uloboridae	1	1	1
26. Zodariidae	2	2	–
Total, species	265	222	111

Xysticus bifasciatus C.L. Koch, 1837

MATERIAL. 1 ♀, Zheznovodsk Distr., Beshtau Mt., 25–27.07.2015 (E.T.).

Xysticus cristatus (Clerck, 1758)

RECORDS. Manychskoe [Khanov, Ponomarev, 2006].

MATERIAL. 2 ♂♂, Neftekumsk, saline floodplain meadow, 23–27.04.2012 (S.A.).

Xysticus kochi Thorell, 1872

RECORDS. Petrovsky District [Titova, Egorova, 1978]; Belye Kopani, Manychskoe, Prietoksky [Khanov, Ponomarev, 2006].

MATERIAL. 1 ♂, Stavropol, Tamanskiy Forest, 15.06.2000 (T.Kh.); 1 ♀, bank of Sengileevskoe Reservoir, 23.06.2000 (T.Kh.); 2 ♀♀, Izobilnyi, 9.07–8.08.2011 (V.K.); 7 ♂♂, Neftekumsk, saline floodplain meadow, 23–27.04.2012 (S.A.); 5 ♂♂, s.l., salt-pan with tamarix, 23–27.04.2012 (S.A.); 18 ♂♂, 1 ♀, Neftekumsk Distr., 10 km S of Zatrechnyi Vil., sagebrush-grass steppe, 23–27.04.2012 (S.A.); 1 ♂, s.l., dune foothill, 23–27.04.2012 (S.A.).

Xysticus laetus Thorell, 1875

RECORDS. Nezlobnaya [Esyunin, Oóíáâà, 2012].

MATERIAL. 2 ♀♀, Izobilnyi, 9.07–8.08.2011 (V.K.); 17 ♂♂, 7 ♀♀, Neftekumsk, saline floodplain meadow, 23–27.04.2012 (S.A.); 4 ♂♂, s.l., salt-pan with tamarix, 23–27.04.2012 (S.A.); 1 ♂, Neftekumsk Distr., 10 km S of Zatrechnyi Vil., sagebrush-grass steppe, 23–27.04.2012 (S.A.).

Xysticus lanio C.L. Koch, 1845

RECORDS. Stavropol [Ponomarev et al., 2006; Khanov, Ponomarev, 2006].

Xysticus luctator L. Koch, 1870

MATERIAL. 238 ♂♂, 12 ♀♀, Izobilnyi, 9.07–8.08.2011 (V.K.); 1 ♂, 3 ♀♀, s.l., afforestation of *Robinia pseudacacia*, 18.07–21.08.2013 (V.K.).

Xysticus ninnii (Thorell, 1872)

MATERIAL. 1 ♀, Zheznovodsk Distr., Beshtau Mt., 25–27.07.2015 (E.T.).

Xysticus robustus (Hahn, 1832)

MATERIAL. 6 ♂♂, 1 ♀, Izobilnyi, 9.07–8.08.2011 (V.K.); 11 ♂♂, 3 ♀♀, s.l., afforestation of *Robinia pseudacacia*, 18.07–21.08.2013 (V.K.); 18 ♂♂, 1 ♀, s.l., 5.07–15.08.2014 (V.K.).

Xysticus striatipes L. Koch, 1870

RECORDS. Stavropol, Sengileevskoe Reservoir, Donskoe [Khanov, Ponomarev, 2006].

TITANOECIDAE

Nurscia albomaculata (Lucas, 1846)

MATERIAL. 7 ♂♂, Neftekumsk Distr., nr. Andrei-Kurgan Vil., 1–10.07.1987 (S.A.); 18 ♂♂, 4 ♀♀, 22 km NE of Arzgir Vil., reeds along Chograi Reservoir bank, 14–25.07.1987 (S.A.).

Titanoeca schineri L. Koch, 1872

MATERIAL. 2 ♂♂, Apanasenkovskoe Distr., Manychskoe Vil., afforestation, 26.05–2.06.2005 (T.Kh.); 87 ♂♂, 1 ♀, Izobilnyi, 9.07–8.08.2011 (V.K.); 13 ♂♂, 2 ♀♀, s.l., afforestation of *Robinia pseudacacia*, 18.07–21.08.2013 (V.K.); 8 ♂♂, 1 ♀, s.l., 5.07–15.08.2014 (V.K.).

ULOBORIDAE

Uloborus walckenaerius Latreille, 1806

RECORDS. Manychskoe [Ponomarev *et al.*, 2006].
MATERIAL. 2 ♂♂, Apanasenkovskoe Distr., Manychskoe Vil., Manych-Gudilo Lake shore, 24–26.05.2005 (T.Kh.).

ZODARIIDAE

Zodarion morosum Denis, 1935

MATERIAL. 1 ♂, 1 ♀, 22 km NE of Arzgir Vil., reeds along Chograi Reservoir bank, 14–25.07.1987 (S.A.).

Zodarion rubidum Simon, 1914

Figs. 16, 17.

MATERIAL. 1 ♂, Izobilnyi, 9.07–8.08.2011 (V.K.); 1 ♂, 1 ♀, s.l., 5.07–15.08.2014 (V.K.).

COMMENTS. This species is new to the spider fauna of Russia, known from Southern and Central Europe [Bosmans, 1997], as well as from the southeast of Ukraine [Ponomarev *et al.*, 2016] and South Ossetia [Ponomarev, Komarov, 2015].

Conclusions

To date, the spider fauna of Stavropol Province, in its present administrative borders, comprises 265 species of 26 families (Table 1). The records of 154 species given here are new to Stavropol Province. One species (*Zodarion rubidum*) is new to the spider fauna of Russia.

The results presented in this paper are to be considered preliminary, because such families as Linyphiidae, Philodromidae, Salticidae, Theridiidae, Thomisidae and Titanoecidae are clearly under-represented in our samples. New findings are also expected in the family Gnaphosidae. Thus, it is safe to conclude that the spider fauna of Stavropol Province needs further investigations.

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