

**ЗООЛОГИЯ**

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**Новые данные о фауне пауков (Arachnida: Araneae)  
Западно-Казахстанской области**

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**Аннотация.** Регулярные арахно-фаунистические исследования Западно-Казахстанской обл. начались только в 90-х гг. XX в. На сегодняшний день опубликовано более 65 арахнологических работ по этому региону. Однако фауна пауков этого региона остается недостаточно изученной. Приведен список 77 видов пауков, собранных в 2021–2022 гг. в Западно-Казахстанской обл. Три вида – *Mecynargus minutipalpis* Gnelitsa, 2011, *Neoscona spasskyi* (Brignoli, 1983) и *Rhysodromus hierosolymitanus* (Levy, 1977) отмечены в Казахстане впервые. Сообщается о 19 новых для Западно-Казахстанской обл. видах и 86 новых для районов указаний для 55 видов. На основании полученных результатов общее количество видов пауков, зарегистрированных в Западно-Казахстанской обл., возросло до 274 видов из 130 родов и 23 семейств. Для трех малоизвестных видов – *Evipa sjostedti* Schenkel, 1936, *M. minutipalpis* и *R. hierosolymitanus*, а также одного паука-скакунчика *Attulus zimmermanni* (Simon, 1877) приведены фотографии эпигин.

**Ключевые слова:** фаунистика, Казахстан, пауки, новые указания, новые находки

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**ZOOLOGY**

Original article

**New data on the spider fauna of West Kazakhstan Region  
(Arachnida: Araneae)**

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**Abstract.** Regular arachno-faunistic studies of West Kazakhstan Region started only in the 90s of the 20th century. To date, over 65 arachnological papers on this region have been published. Yet, the spider fauna of West Kazakhstan Region remains incompletely studied. A list of 77 spider species collected in 2021–2022 from West Kazakhstan Region is provided. Three species - *Mecynargus minutipalpis* Gnelitsa, 2011, *Neoscona spasskyi* (Brignoli, 1983) and *Rhysodromus hierosolymitanus* (Levy, 1977), are recorded from Kazakhstan for the first time. Nineteen species are reported for West Kazakhstan Region for the first time, and 86 new district records are provided for 55 species. Based on the present results, a total number of spider species recorded from West Kazakhstan Region has raised to 274 species in 130 genera and 23 families. Three poorly known species, *Evipa sjostedti* Schenkel, 1936, *M. minutipalpis* and *R. hierosolymitanus*, as well as one jumping spider *Attulus zimmermanni* (Simon, 1877), are illustrated with photographs of their epigynes.

**Keywords:** faunistics, Kazakhstan, spider, new records, new indications

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## Introduction

Regular arachno-faunistic studies of West Kazakhstan Region started only in the 90s of the 20th century. To date, over 65 arachnological papers on this region have been published, of which the majority are taxonomic revisions or reviews of various spider groups. Faunistic studies on spiders of this region are scarce. First, it is worth mentioning a series of works on the fauna of the Dzhanybek field station [Михайлов, 1985; Peterkina, 2009; Питеркина, Михайлов, 2009]. A checklist of spiders of this station accounts for 200 species, of which 9 have been described as new: *Devade kazakhstanica* Esyunin et Efimik, 2000; *Impropantes contus* Tanasevitch et Piterkina, 2007; *Silometopus crassipedis* Tanasevitch et Piterkina, 2007; *Talanites mikhailovi* Platnick et Ovtsharenko, 1991; *Thanatus mikhailovi* Logunov, 1996; *Tibiaster djanybekensis* Tanasevitch, 1987; *Trichoncoides striganovae* Tanasevitch et Piterkina, 2012; *Trichoncus villius* Tanasevitch et Piterkina, 2007; *Walckenaeria stepposa* Tanasevitch et Piterkina, 2007. Two other relatively well-studied sites are Taipak (Kalmykovo before 1993) and Zhanakazan (Novaya Kazanka before 1993) Villages, from which 40 species have been recorded and four described as new: *Alopecosa sciophila* Ponomarev, 2008; *Micaria charitonovi* Mikhailov et Ponomarev, 2008; *Thanatus jaikensis* Ponomarev, 2007; *Zodariellum volgouralensis* (Ponomarev, 2007) [Пономарев, 2022]. Yet, the spider fauna of West Kazakhstan Region remains incompletely studied. A total number of the spider species reported from West Kazakhstan Region to date is 252 [Пономарев, 2022]. Compared to arachnofaunas of neighboring Astrakhan', Volgograd, Rostov or Orenburg Regions [Пономарев, 2022; Esyunin, unpublished data], this number of species seems rather low. Thus, it is hardly surprising that relatively short field trips to West Kazakhstan Region by the second author have yielded 22 additional species (see below).

The purpose of this short faunistic note is to provide a list of the species collected during the 2021 and 2022 field trips to west Kazakhstan, with several poorly known species being illustrated and/or commented on.

## Material and methods

The spiders reported herein were collected by the second author (AK) during his field trips to West Kazakhstan Region in the 2021 and 2022 summers. Details of all the localities visited are given below.

Localities (Fig. 1):

1. Bokey Orda District, Khan Ordasy Village, 48°46'26"N, 47°26'02"E, IV.2021, VI-VIII.2022.
  2. Bokey Orda District, Menay, 48°41'46"N 47°36'22"E, 9.V.2021.
  3. Kaztal District, Sakryl Lake, 49°34'52"N 49°21'34"E, IV.2021, VIII.2022.
  4. Zhanakala District, Aydin Lake near Zhanakazan Village, 48°56'35"N 49°35'22"E, IV and VI.2021, VI and VIII.2022.
  5. Kaztal District, Saryshaganak Lake, 49°27'56"N 49°51'32"E, VI.2021, IV.2022.
  6. Zhanakala District, Pyatimar Village, 49°28'32"N 50°31'51"E, VIII.2022.
  7. Zhanakala District, Edil'sor Lake, 49°12'33"N 50°44'01"E, IV.2021, IV.2022.
  8. Akzhaik District, Zhantemir Village, 49°05'02"N, 51°24'49"E, VIII.2021.
  9. Akzhaik District, Bagyrlay River near Makat, 49°03'05"N, 51°41'18"E, VIII.2021.
  10. Akzhaik District, Zhanama Lake near Tompak Village, 48°53'44"N, 51°52'32"E, VI.2021, VI.2022.
  11. Akzhaik District, Glubinnoe Lake, 50°20'45"N, 51°03'45"E, VI.2021, V and VIII.2022.
  12. Terekti District, Bobrovoe Lake near Shagatai Village, 50°26'20"N 51°08'189"E, VI.2022.
  13. Terekti District, Shalkar Lake, 50°28'53"N 51°42'53"E, VI.2022.
  14. Zhanakala District, Krugloozernoe Village near Uralsk Town, 51°04'31"N 51°16'24"E, VI.2022.
  15. Terekti District, Podstepnoe Village, 51°08'17"N 51°29'20"E, V.2022.
  16. Bayterek District, Brusyanoe Lake near Ozernoe Village, 51°21'22"N 51°50'53"E, VI.2021, V and VI.2022.
  17. Karatobe District, 20 km E Karatobe Village, 49°41'27"N, 53°38'56"E, VI.2021.
  18. Shyngyrlau District, Sulukol' Lake, 15 km NE Akshat Village, 50°29'13"N 54°17'15"E, V and VIII.2022.
- Species distribution is discussed according to the World Spider Catalog [WSC, 2022]. In order to recognize new records of studied taxa, all records were checked against the recently published monograph [Пономарев,

2022]. In the following text, the species recorded from West Kazakhstan Region for the first time are marked with asterisks (\*).

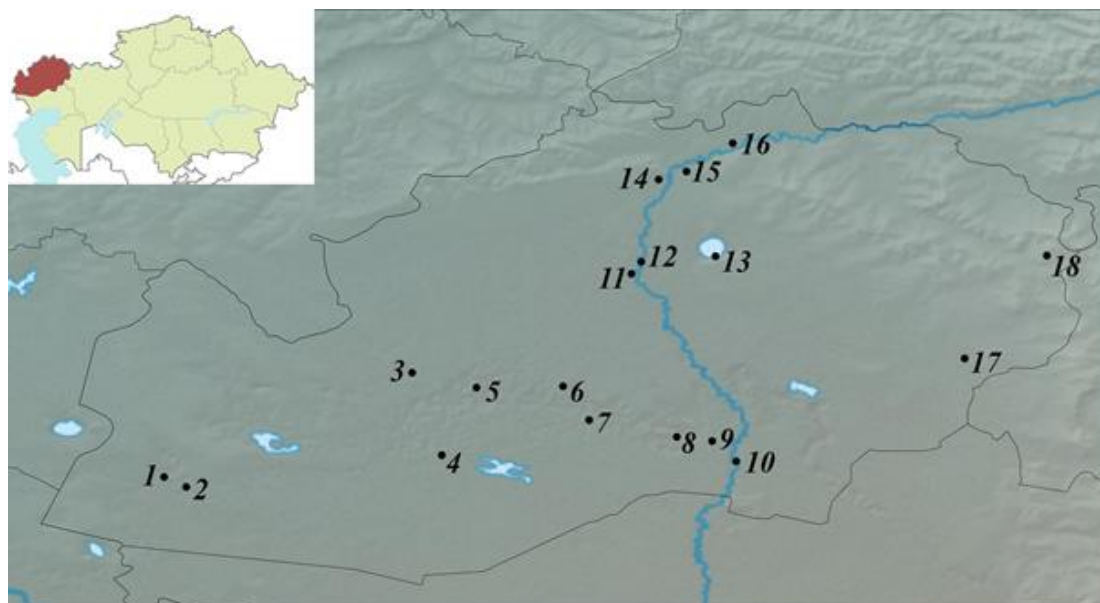


Fig. 1. Collecting localities of spiders in West Kazakhstan Region  
[Точки сбора пауков в Западно-Казакстанской области]

Stacks of colour images were manually generated using an Olympus OMD EM-10 digital camera, with a Panasonic Lumix H-H025 25 mm f/1.7 lens mounted on a Zeiss microscope. Digital images were prepared using Photoshop CS6 image stacking software. Studied specimens are shared between the Zoological Museum of the Moscow State University, Moscow, Russia (curator: K.G. Mikhailov) and the Zoological Institute of the Russian Academy of Sciences, St. Petersburg, Russia (curator: D.V. Logunov).

### New records and new regional indication

#### Agelenidae

##### *Tegenaria domestica* (Clerck, 1758)\*

Material. 1♀, Bokey Orda District, Khan Ordasy Village, VI-VIII.2022, AK.

Records in Kazakhstan: East Kazakhstan Region [Савельева, 1970, 1976]. Range: cosmopolitan synanthropic.

#### Araneidae

##### *Gibbaranea ullrichi* (Hahn, 1835)

Material. 1♀, Bokey Orda District, Khan Ordasy Village, weeds on the sands, 3.IV.2021, AK.

##### *Larinioides folium* (Schranck, 1803)

Material. 1♀, Bayterek District, Brusyanoe Lake, 29.VI.2021, AK.

##### *Larinioides ixobolus* (Thorell, 1873)

Material. 1♂, Bayterek District, Brusyanoe Lake, 29.VI.2021, AK.

##### *Mangora acalypha* (Walckenaer, 1802)

Material. 1♀, Bokey Orda District, Khan Ordasy Village, VI-VIII.2022, AK.

##### *Neoscona adianta* (Walckenaer, 1802)

Material. 1♀, Akzhaik District, Zhanama Lake, 23.VI.2021, AK.

##### *Neoscona spasskyi* (Brignoli, 1983)\*

Material. 1♂, 1♀, Bokey Orda District, Khan Ordasy Village, VI-VIII.2022, AK.

Distribution. Previously known from Tajikistan, Kyrgyzstan, Turkmenistan and Iran [Zamani, Marusik, Šestáková, 2020]. New to Kazakhstan, with the current record representing the northernmost limit of the species range.

#### Dictynidae

##### *Brigittea latens* (Fabricius, 1775)

Material. 1♂, 3♀, Shyngyrlau District, Sulukol' Lake, 17.V.2022, AK.

#### Gnaphosidae

##### *Callilepis nocturna* (Linnaeus, 1758)

Material. 1♀, Akzhaik District, Zhanama Lake, 23.VI.2022, AK.

***Civizelotes caucasius*** (L. Koch, 1866)

Material. 2♀, Bokey Orda District, Khan Ordasy Village, VI-VIII.2022, AK; 1\$, Akzhaik District, Zhanama Lake, 23.VI.2021, AK. 1♀, Shyngyrlau District, Sulukol' Lake, 15.VIII.2022, AK.

***Gnaphosa cumensis*** Ponomarev, 1981

Material. 2♂♂, Zhanakala District, Aydin Lake, 19.IV.2021, AK; 1♀, same locality, 25.VI.2021, AK. 1♂, Zhanakala District, Edil'sor Lake, bank, 19. IV.2021, AK.

***Gnaphosa dolosa*** O. Herman, 1879

Material. 2♀, Shyngyrlau District, Sulukol' Lake, 17.V.2022, AK.

***Gnaphosa licenti*** Schenkel, 1953

Material. 1♂, Bayterek District, Brusyanoe Lake, 20.V.2022, AK.

***Gnaphosa mongolica*** Simon, 1895

Material. 1♀, Bokey Orda District, Khan Ordasy Village, VI-VIII.2022, AK.

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

Material. 1♂, 3♀, Zhanakala District, Aydin Lake, 24.VI.2022, AK.

***Gnaphosa taurica*** Thorell, 1875

Material. 1♂, Akzhaik District, Zhanama Lake, 23.VI.2022, AK.

***Marinarozelotes jaxartensis*** (Kroneberg, 1875)\*

Material. 1♂, Zhanakala District, Edil'sor Lake, 13. IV.2022, AK.

Records in Kazakhstan: Atyrau [Пономарев, Цветков, 2004; Пономарев, Шматко, 2020], Mangystau [Zyuzin, Tarabaev, 1993] and Kostanay Regions [Пономарев, Брагина, 2014]. New to West Kazakhstan Region. The main part of the species range lies in the west-central-ancient Mediterranean; introduced in Hawaii, Central and South America, India, China and Japan.

***Micaria gulliae*** Tuneva et Esyunin, 2003\*

Material. 2♂♂, 2♀♀, Bokey Orda District, Khan Ordasy Village, weeds on the sands, 2-10.VI.2021, AK.

Records in Kazakhstan: Atyrau [Пономарев, Цветков, 2006] and Kostanay Regions [Пономарев, Брагина, 2014]. New to West Kazakhstan Region. Outside Kazakhstan, the species is known from Astrakhan and Orenburg Regions of Russia [Tuneva, Esyunin, 2002; Пономарев, Алексеев, 2018].

***Micaria rossica*** Thorell, 1875

Material. 1♂, Kaztal District, Saryshaganak Lake, 25.VI.2021, AK; 1♂, Terekti District, Shalkar Lake, 22.VI.2022, AK.

***Nomisia aussereri*** (L. Koch, 1872)

Material. 1♀, Zhanakala District, Aydin Lake, 17.VIII.2022, AK; 1♀, Akzhaik District, Zhantemir Village, 29.VIII.2021, AK; 2♀♀, Akzhaik District, Bagyrlay River, 2021, AK.

***Zelotes mundus*** (Kulczyński, 1897)\*

Material. 1♂, Akzhaik District, Glubinnoe Lake, overgrowth of common cocklebur (*Xanthium strumarium*), 23.VI.2021, AK.

Records in Kazakhstan: Atyrau [Пономарев, 2022], Kostanay [Пономарев, Брагина, Шматко, 2017] and East Kazakhstan Regions [Eskov, Marusik, 1995]. New to West Kazakhstan Region. Range: west-central Palearctic semiarid.

### Linyphiidae

***Mecynargus minutipalpis*** Gnelitsa, 2011\* (Fig. 2B)

Material. 1♀, Zhanakala District, Aydin Lake, 24.VI.2022, AK.

Distribution. New to Kazakhstan. Earlier known from southern regions of Russian Plain [Gnelitsa, 2011; Tanasevitch, 2013; Пономарев, Абдурахманов, 2014; Пономарев, Шаповалов, Ивлиев, 2014; Пономарев, Брагина, Шматко, 2017; Polchaninova, Prokopenko, 2017; Пономарев, Алексеев, 2018]. Range: Eastern European semidesert [Kovblyuk, Kastrygina, 2015].

***Microlinyphia impigra*** (O. Pickard-Cambridge, 1871)\*

Material. 1♂, 3♀♀, Terekti District, Shalkar Lake, 22.VI.2022, AK.

Records in Kazakhstan: East Kazakhstan Region [Eskov, Marusik, 1995]. New to West Kazakhstan Region. Range: circumholarctic temperate.

***Microlinyphia pusilla*** (Sundevall, 1830)

Material. 1♀, Kaztal District, Saryshaganak Lake, 25.VI.2021, AK; 1♀, Akzhaik District, Zhanama Lake, 23.VI.2021, AK.

### Lycosidae

***Allohogna singoriensis*** (Laxmann, 1770)

Material. 1♀, Akzhaik District, Bagyrlay River, summer 2021, AK.

***Alopecosa sciophila*** Ponomarev, 2008

Material. 2♀♀, Kaztal District, Saryshaganak Lake, 14.IV.2022, AK.

***Alopecosa taeniopus*** (Kulczynski, 1895)

Material. 1♂, Shyngyrlau District, Sulukol' Lake, bank, 15.IV.2021, AK.

*Bogdocosa kronebergi* (Andreeva, 1976)

Material. 1♂, 3♀♀, Bokey Orda District, Khan Ordasy Village, VI-VIII.2022, AK; 1♀, Akzhaik District, Zhanama Lake, 23.VI.2021, AK; 1♂, 3♀♀, Akzhaik District, Zhanama Lake, 23.VI.2022, AK.

*Evippa sjostedti* Schenkel, 1936\* (Fig. 2A)

Material. 1♀, Bokey Orda District, Khan Ordasy Village, pine forest, 05.VIII.2022, AK.

Records in Kazakhstan: Atyrau Region [Пономарев, Цветков, 2004]. New to West Kazakhstan Region. Range: central-ancient Mediterranean (= Central Asian) semiarid.

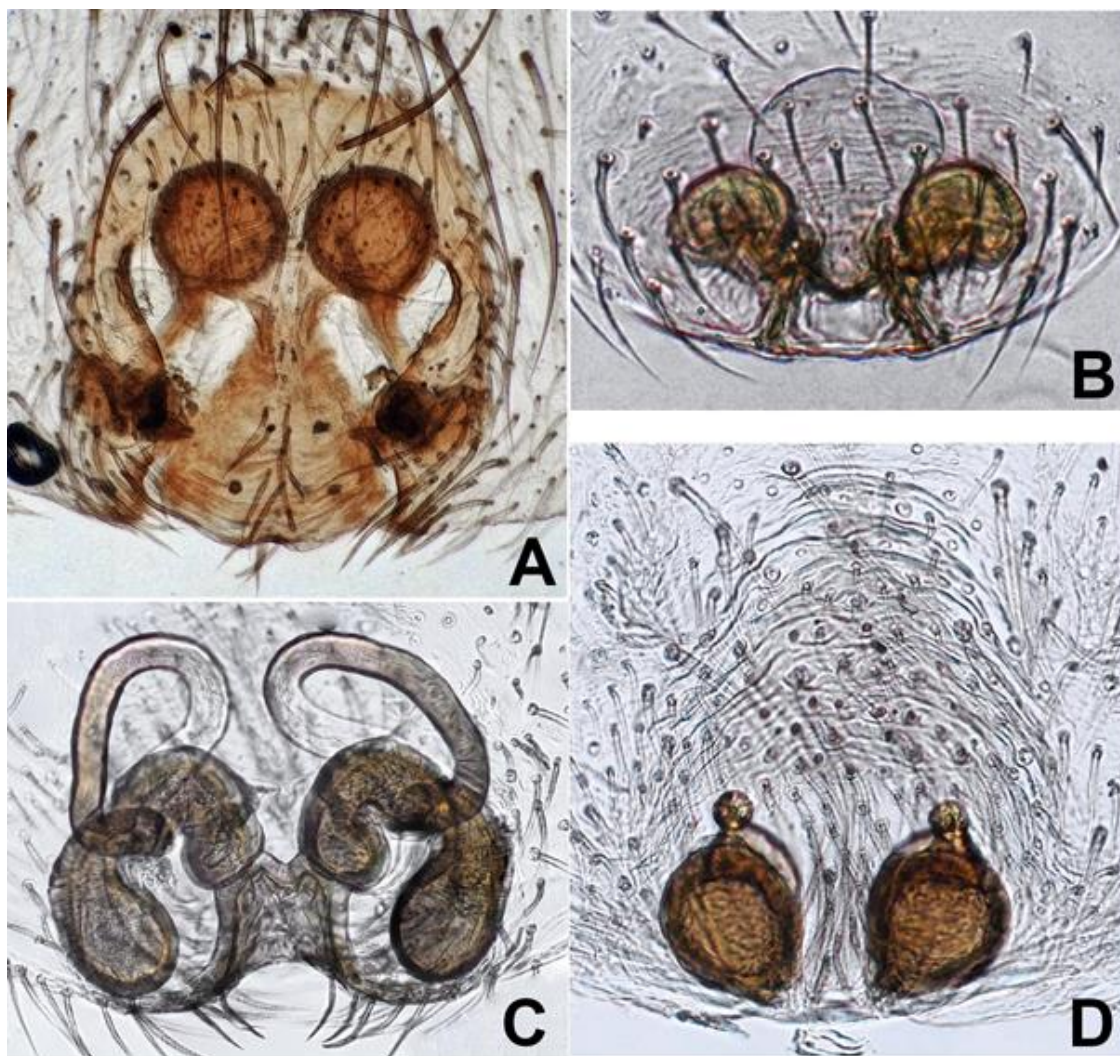


Fig. 2. Epigynes of *Evippa sjostedti* Schenkel, 1936 (A), *Mecynargus minutipalpis* Gnelitsa, 2011 (B), *Rhysodromus hierosolymitanus* (Levy, 1977) (D) and *Attulus zimmermanni* (Simon, 1877) (C)

[Эпигины *Evippa sjostedti* Schenkel, 1936 (A), *Mecynargus minutipalpis* Gnelitsa, 2011 (B), *Rhysodromus hierosolymitanus* (Levy, 1977) (D) и *Attulus zimmermanni* (Simon, 1877) (C)]

*Evippa turkmenica* Sternbergs, 1979\*

Material. 1♀, Bokey Orda District, Khan Ordasy Village, summer 2021, AK.

Records in Kazakhstan: Atyrau [Цветков, Пономарев, Ханов, 2006] and Mangystau Regions [Пономарев, Абдурахманов, 2014]. New to West Kazakhstan Region. Range: central-ancient Mediterranean (= Central Asian) arid.

*Lycosa praegrandis* C.L. Koch, 1836

Material. 1♂, Kaztal District, Sakryl Lake, bank, 18.VIII.2022, AK.

*Pardosa agrestis* (Westring, 1861)

Material. 1♂, Zhanakala District, Aydin Lake, 24.VI.2022, AK; 1♂, Akzhaik District, Glubinnoe Lake, overgrowth of common cocklebur (*Xanthium strumarium*), 23.VI.2021, AK; 1♂, same locality, 18.V.2022, AK;

1♂, Shyngyrlau District, Sulukol' Lake, 17.V.2022, AK; 1♂ 2♀♀, Shyngyrlau District, Sulukol' Lake, 15.VIII.2022, AK.

***Pardosa italica*** Tongiorgi, 1966\*

Material. 3♀♀, Zhanakala District, Pyatimar Village, 16.VIII.2022, AK.

Records in Kazakhstan: Atyrau [Пономарев, Цветков, 2004], Kostanay [Пономарев, Брагина, 2014], Akmolá [Триликаускас, Любечанский, 2020], East Kazakhstan Region [Fomichev, Marusik, 2013] and Mangystau Regions [Zyuzin, Tarabaev, 1993]. New to West Kazakhstan Region. Range: trans-ancient Mediterranean sub-boreal-semiarid.

***Pardosa jaikensis*** Ponomarev, 2007

Material. 1♀, Kaztal District, Saryshaganak Lake, 5.VIII.2021, AK; 1♀, Akzhaik District, Glubinnoe Lake, 18.V.2022, AK.

***Pardosa luctinosa*** Simon, 1876\*

Material. 1♂, Kaztal District, Sakryl Lake, bank, 18. IV.2021, AK. 1♂, Zhanakala District, Edil'sor Lake, bank, 19.IV.2021, AK. 1♀, same locality, 4.VIII.2021, AK; 1♀, Terekti District, Shalkar Lake, 22.VI.2022, AK.

Records in Kazakhstan: Kostanay [Пономарев, Брагина, 2014], Atyrau [Пономарев, Абдурахманов, 2014] and Zhetysu Regions [Спасский, Шнитников, 1937]. New to West Kazakhstan Region. Range: trans-ancient Mediterranean subboreal-semiarid.

***Pardosa mikhailovi*** Ballarin, Marusik, Omelko et Koronen, 2012\*

Material. 1♂, Bokey Orda District, Menay, 9.V.2021, AK.

Notes. Previously known only from the type locality in Almaty Region [Ballarin et al., 2012]. New to West Kazakhstan Region, with the current material representing the westernmost record of the species.

***Pardosa nebulosa*** (Thorell, 1872)

Material. 1♀, Akzhaik District, Zhanama Lake, 23.VI.2021, AK; 1♂, 2♀♀, Akzhaik District, Zhanama Lake, 23.VI.2022, AK; 2♀♀, Bayterek District, Brusyanoe Lake, 20.V.2022, AK; 4♀♀, Terekti District, Podstepnoe Village, 16.V.2022, AK; 2♀♀, Terekti District, Bobrovoe Lake, 20.VI.2022, AK.

***Pardosa plumipes*** (Thorell, 1875)

Material. 1♂, Zhanakala District, Krugloozernoe Village, 01-10.VI.2022, AK; 1♂, 2♀♀, Akzhaik District, Glubinnoe Lake, 18.V.2022, AK; 1♀, Akzhaik District, Glubinnoe Lake, 19.VIII.2022, AK; 2♀♀, Bayterek District, Brusyanoe Lake, 20.V.2022, AK; 1♂, 2♀♀, Shyngyrlau District, Sulukol' Lake, 17.V.2022, AK.

***Xerolycosa miniata*** (C.L. Koch, 1834)

Material. 1♀, Bokey Orda District, Khan Ordasy Village, VI-VIII.2022, AK; 1♂, Terekti District, Bobrovoe Lake, 20.VI.2022, AK.

### Oxyopidae

***Oxyopes heterophthalmus*** (Latreille, 1804)

Material. 1♀, Bayterek District, Brusyanoe Lake, 29.VI.2021, AK.

***Oxyopes lineatus*** Latreille, 1806

Material. 3♂♂, 3♀♀, Bokey Orda District, Khan Ordasy Village, VI-VIII.2022, AK; 2♀♀, Akzhaik District, Zhanama Lake, 23.VI.2022, AK; 1♀, Bayterek District, Brusyanoe Lake, 25.VIII.2021, AK; 2♀, same locality, 21.VI.2022, AK; 2♀♀, Terekti District, Bobrovoe Lake, 20.VI.2022, AK.

***Oxyopes maracandensis*** Charitonov, 1946

Material. 2♀♀, Bokey Orda District, Khan Ordasy Village, pine forest, 05.VIII.2022, AK.

### Philodromidae

***Philodromus poecilus*** (Thorell, 1872)\*

Material. 2♀♀, Terekti District, Bobrovoe Lake, 20.VI.2022, AK.

Records in Kazakhstan: Almaty [Спасский, Шнитников, 1937] and East Kazakhstan Regions [Савельева, 1970]. New to West Kazakhstan Region. Range: trans-Palaearctic temperate.

***Rhysodromus hierosolymitanus*** (Levy, 1977)\* (Fig. 2D)

Material. 1♀, Terekti District, Shalkar Lake, 22.VI.2022, AK.

Distribution. Earlier known from Iran, Israel and the United Arab Emirates [Torabi, Moradmand, Muster, 2019]. New to Kazakhstan, with the current record representing the northernmost limit of the species range.

***Rhysodromus histrio*** (Latreille, 1819)

Material. 1♀, Bokey Orda District, Khan Ordasy Village, VI-VIII.2022, AK.

***Rhysodromus timidus*** (Szita et Logunov, 2008)\*

Material. 1♀, Zhanakala District, Aydin Lake, 24.VI.2022, AK.

Records in Kazakhstan: Atyrau and Almaty Regions [Szita, Logunov, 2008]. New to West Kazakhstan Region. Outside of Kazakhstan, it is known from Dagestan of Russia [Ponomarev, Dvadenko, 2013] and Pakistan [Logunov, Ballarin, Marusik, 2011].

***Thanatus atratus*** Simon, 1875

Material. 2♂♂, 4♀♀, Bokey Orda District, Khan Ordasy Village, VI-VIII.2022, AK; 1♂, Zhanakala District, Edil'sor Lake, 13. IV.2022, AK; 1♂, 1♀, Akzhaik District, Zhanama Lake, 23.VI.2021, AK; 1♀, Karatobe District, 20 km E Karatobe Village, 28.VI.2021, AK; 1♀, Akzhaik District, Glubinnoe Lake, 18.V.2022, AK.

***Thanatus formicinus*** (Clerck, 1758)\*

Material. 1♀, Bayterek District, Brusyanoe Lake, 20.V.2022, AK.

Records in Kazakhstan: Kostanay [Пономарев, Брагина, Шматко, 2017], Pavlodar, Almaty [Lyakhov, 1999] and East-Kazakhstan Regions [Савельева, 1970; Fomichev, Marusik, 2013]. New to West Kazakhstan Region.

Range: circum-Holarctic polysonal.

***Thanatus jaikensis*** Ponomarev, 2007

Material. 1♀, Bokey Orda District, Khan Ordasy Village, VI-VIII.2022, AK.

***Thanatus mikhailovi*** Logunov, 1996

Material. 2♂, 3♀, Shyngyrlau District, Sulukol' Lake, 17.V.2022, AK.

***Thanatus mongolicus*** (Schenkel, 1936)

Material. 1♂, 1♀, Akzhaik District, Zhanama Lake, 23.VI.2021, AK.

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

Material. 1♂, Shyngyrlau District, Sulukol' Lake, 17.V.2022, AK.

***Thanatus vulgaris*** Simon, 1870

Material. 1♀, Akzhaik District, Glubinnoe Lake, 19.VIII.2022, AK.

***Tibellus oblongus*** (Walckenaer, 1802)

Material. 1♀, Terekti District, Bobrovoe Lake, 20.VI.2022, AK.

### Pisauridae

***Pisaura mirabilis*** (Clerck, 1758)

Material. 2♀♀, Zhanakala District, Krugloozernoe Village, 01-10.VI.2022, AK; 1♀, Terekti District, Bobrovoe Lake, 20.VI.2022, AK.

### Salticidae

***Aelurillus m-nigrum*** Kulczyński, 1891

Material. 2♀♀, Shyngyrlau District, Sulukol' Lake, shores, 15. IV.2021, AK.

***Aelurillus v-insignitus*** (Clerck, 1758)

Material. 1♂, Bokey Orda District, Khan Ordasy Village, VI-VIII.2022, AK.

***Attulus zimmermanni*** (Simon, 1877) (Fig. 2C)

Material. 1♀, Bayterek District, Brusyanoe Lake, 20.V.2022, AK.

***Heliophanus potanini*** Schenkel, 1963\*

Material. 2♀♀, Bokey Orda District, Khan Ordasy Village, weeds on the sands, 3. IV.2021, AK; 2♂♂, 1♀, same locality, VI-VIII.2022, AK.

Records in Kazakhstan: Atyrau [Пономарев, 2022], Zhetysu, Turkistan, Almaty, East Kazakhstan [Logunov, Marusik, 2000] and Mangystau Regions [Zyuzin, Tarabaev, 1993]. New to West Kazakhstan Region. Range: central-ancient Mediterranean (= Central Asian) semiarid.

***Mendoza canestrinii*** (Ninni, 1868)\*

Material. 1♀, Zhanakala District, Aydin Lake, 19.IV.2021, AK; 1♂, Terekti District, Bobrovoe Lake, 20.VI.2022, AK.

Records in Kazakhstan: Akmola and Turkistan Regions [Logunov, Rakov, 1998]. New to West Kazakhstan Region. Range: trans-Palearctic subboreal-subtropic.

***Pellenes allegrii*** Caporiacco, 1935\*

Material. 1♂, Shyngyrlau District, Sulukol' Lake, 17.V.2022, AK.

Records in Kazakhstan: Kostanay Region [Пономарев, Брагина, Шматко, 2017]. New to West Kazakhstan Region. Range: central-ancient Mediterranean (= Central Asian) semiarid.

***Pseudicius encarpatus*** (Walckenaer, 1802)

Material. 1♂, Akzhaik District, Zhanama Lake, 23.VI.2022, AK.

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

Material. 1♂, Akzhaik District, Zhanama Lake, 23.VI.2022, AK.

Records in Kazakhstan: Atyrau [Пономарев, 2022], Turkistan, Almaty [Logunov, Rakov, 1998] and Mangystau Regions [Пономарев, Абдурахманов, 2014]. New to West Kazakhstan Region. Range: east-central-ancient Mediterranean semiarid.

### Theridiidae

***Asagena phalerata*** (Panzer, 1801)

Material. 1♀, Shyngyrlau District, Sulukol' Lake, 17.V.2022, AK.

***Enoplognatha mordax*** (Thorell, 1875)

Material. 1♂, Terekti District, Shalkar Lake, 22.VI.2022, AK.

***Latrodectus tredecimguttatus*** (P. Rossi, 1790)

Material. 1♀, Akzhaik District, Zhantemir Village, 29.VIII.2021, AK; 1 immature ♂, Akzhaik District, Glubinnoe Lake, 18.V.2022, AK.

***Steatoda albomaculata*** (DeGeer, 1778)

Material. 1♀, Zhanakala District, Aydin Lake, 24.VI.2022, AK.

***Steatoda bipunctata*** (Linnaeus, 1758)\*

Material. 1♀, Akzhaik District, Glubinnoe Lake, 18.V.2022, AK.

Records in Kazakhstan: Almaty Region [Спасский, Шнитников, 1937]. New to West Kazakhstan Region. Range: trans-Palaearctic polyzonal; introduced in Canada and south America.

***Steatoda grossa*** (C. L. Koch, 1838)\*

Material. 1♂, 1♀, Kaztal District, Saryshaganak Lake, 14. IV.2022, AK.

Records in Kazakhstan: East Kazakhstan [Савельева, 1970, 1976] and Almaty Regions [Темрешев и др., 2016]. New to West Kazakhstan Region. Range: cosmopolitan synanthropic.

***Theridion innocuum*** Thorell, 1875

Material. 1♀, Bokey Orda District, Khan Ordasy Village, VI-VIII.2022, AK.

### Thomisidae

***Bassaniodes robustus*** (Hahn, 1832)

Material. 1♂, Akzhaik District, Zhanama Lake, 23.VI.2021, AK.

***Ebrechtella tricuspitate*** (Fabricius, 1775)

Material. 1 immature ♂, Bayterek District, Brusyanoe Lake, 25.VIII.2021, AK.

***Psammitis ninnii fusciventris*** (Crome, 1965)

Material. 1♂, Akzhaik District, Zhanama Lake, 23.VI.2021, AK; 1♀, Karatobe District, 20 km E Karatobe Village, 28.VI.2021, AK.

***Synema plorator*** (O. Pickard-Cambridge, 1872)\*

Material. 1♀, Shyngyrlau District, Sulukol' Lake, 17.V.2022, AK.

Records in Kazakhstan: Atyrau [Пономарев, 2022], Mangystau [Zyuzin, Tarabaev, 1993] and Almaty Regions [Спасский, Шнитников, 1937; Marusik, Logunov, 1990]. New to West Kazakhstan Region. Range: east-central-ancient Mediterranean semiarid.

***Thomisus onustus*** Walckenaer, 1805

Material. 1♀, Bayterek District, Brusyanoe Lake, 20.V.2022, AK; 1♀, Bokey Orda District, Khan Ordasy Village, pine forest, 05.VIII.2022, AK.

### Titanoecidae

***Nurscia albosignata*** (Simon, 1874)

Material. 1♂, 1♀, Bokey Orda District, Khan Ordasy Village, VI-VIII.2022, AK.

### Uloboridae

***Uloborus walckenaerius*** Latreille, 1806

Material. 1♂, 3♀♀, Bokey Orda District, Khan Ordasy Village, among the pines, 05.VIII.2022, AK.

## Conclusion

The present species list consists of 77 species belonging to 14 families, of which one genus (*Mecynargus* Kulczyński, 1894; Linyphiidae) and three species - *M. minutipalpis*, *N. spasskyi*, *R. hierosolymitanus* - are new to the spider fauna of Kazakhstan, and 19 species are newly found in West Kazakhstan Region. Besides, 86 new district records were provided for 55 species.

Of the studied material, two species records (*N. spasskyi*, *R. hierosolymitanus*) represent the northernmost limits of the corresponding species' ranges, those of specie *M. minutipalpis* - the easternmost range limit, and that *P. mikhailovi* - the south-westernmost limit.

Prior to this study 252 spider species were known from West Kazakhstan Region [Пономарев, 2022]. Based on the present results, a total number of spider species recorded from West Kazakhstan Region has raised to 274 species in 130 genera and 23 families.

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