

## Spiders (Aranei) of Vostok Biological Station, Maritime Province, Russia

Пауки (Aranei) биостанции “Восток”, Приморский край, Россия

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КЛЮЧЕВЫЕ СЛОВА: Araneae, Дальний Восток Азии, новая находка, Приморье.

**ABSTRACT.** A list of spiders collected at Vostok Biological Station, Maritime Province, Russia is provided. In total, 35 species of 14 families are identified. *Theridion pinastris* L. Koch, 1872 is new to the region of continental Southern Far East Russia.

**РЕЗЮМЕ.** Приведен список пауков, собранных на биостанции «Восток», Приморский край, Россия. Всего определено 35 видов пауков из 14 семейств. *Theridion pinastris* L. Koch, 1872 указан как новый для фауны континентального юга Дальнего Востока России.

During a short trip to Maritime Province (Primorie) in July, 2015, I collected spiders in an area that was previously uncollected, Vostok Biological Station of the Institute of Marine Biology (IMB), Far Eastern Branch, Russian Academy of Sciences. The Station is 15 km WNW of Nakhodka Town, at 42°53'36"N and 132°44'00"E (see Maps), ca. 100 km from other more or less studied spider localities (e.g. — environs of Vladivostok City and Lazo Reserve). Spiders were collected by hand at the edge of broadleaf forest, in grass and shrubs, as well as on the walls of houses. In total, 35 species of 14 families were identified, thus constituting 10–15 per cent of the whole local spider fauna. Most species appear to have a Palaearctic or a Transpalaearctic range, but zoogeographical analysis of such representatives of the local fauna is premature.

The list given here is an additional contribution into the detailed Catalogue of spiders of the continental Southern Russian Far East (Mikhailov et al., in preparation), physiographical region accepted in the current non-annotated catalogue (Mikhailov, 1997, 2013, as T1, see also the Map). One species, *Theridion pinastris* L. Koch, 1872 is new to the region, and another, *Zelotes* sp., appears to be new to science.

Families are listed alphabetically. The number of species in the respective family is given in brackets.

Taxonomy and distribution data are mostly after Mikhailov et al. (in preparation). All material is deposited at the Zoological Museum, Moscow Lomonosov State University, Moscow, Russia.

### Family AGELENIDAE (1)

*Agelena labyrinthica* (Clerck, 1758)

1 ♀, 15.07.2015.

DISTRIBUTION. Transpalaearctic.

### Family ARANEIDAE (5)

*Araneus marmoreus* Clerck, 1758

1 ♀, 26.07.2015.

DISTRIBUTION. Circumholarctic boreo-nemoral.

*Araneus ventricosus* (L. Koch, 1879)

4 ♀♀, 22.07.2015.

DISTRIBUTION. Palaearctic.

*Araniella yaginumai* Tanikawa, 1995

4 ♀♀, 15–26.07.2015.

DISTRIBUTION. Disjunct East Palaearctic range, also occurring in Altai and Tuva, and across the Palaearctic.

*Cyclosa kumadai* Tanikawa, 1992

2 ♀♀, forest edge, 15.07.2015.

DISTRIBUTION. NE Palaearctic (Korea, Japan and Russia).

*Plebs sachalinensis* (S. Saito, 1934)

4 ♀♀, forest edge, 15–22.07.2015.

DISTRIBUTION. Palaearctic.

### Family CLUBIONIDAE (3)

*Cheiracanthium japonicum* Bösenberg et Strand, 1906

1 ♀, 16.07.2015.

DISTRIBUTION. Palaearctic.



Map. Coastal part of Maritime Province. ★ — Vostok Biological Station.  
Карта. Прибрежная юга Приморского края. ★ — биостанция “Восток”.

*Clubiona coreana* Paik, 1990  
3 ♀♀, forest edge, 15–22.07.2015.  
DISTRIBUTION. Manchurian.

*Clubiona sapporensis* Hayashi, 1986  
1 ♂, 19.07.2015.  
DISTRIBUTION. Palearcticae.

#### Family DICTYNIDAE (1)

*Lathys truncata* Danilov, 1994  
1 ♀, 15–22.07.2015.  
REMARK. Possible junior synonym of *Lathys taczanowskii* (O. Pickard-Cambridge, 1863) (Yu. M. Marusik, perm. comm.) and senior synonym of *Lathys subalbata* Zhang, Hu et Zhang, 2012 from China, known from original description only.  
DISTRIBUTION. Siberio-Manchurian, known from Ural to Primorie.

#### Family GNAPHOSIDAE (1)

*Zelotes* sp.  
1 ♀, 15–22.07.2015.  
REMARK. Most likely a new species near *Z. potanini* Schenkel, 1963 and *Z. mikhailovi* Marusik in Eskov and Marusik, 1995. More specimens, including males, are required for a proper description.

#### Family LINYPHIIDAE (4)

*Eskovina clava* (Zhu et Wen, 1980)  
4 ♀♀, 14–28.07.2015.  
REMARK. Two of four females lack a peculiar abdominal pattern (described in Eskov, 1984, as *Oinia trilineata* Eskov, 1984), being uniformly dark.  
DISTRIBUTION. Manchurian: known from Russia, China and Korea.

*Hylyphantes graminicola* (Sundevall, 1830)  
1 ♀, 14–28.07.2015.  
DISTRIBUTION. Transpalearctic and SE Asia.

*Neriere emphana* (Walckenaer, 1841)  
4 ♂♂, 1 ♀, 14–15.07.2015.  
DISTRIBUTION. Transpalearctic nemoral.

*Strandella pargongensis* (Paik, 1965)  
1 ♀, 14–28.07.2015.  
DISTRIBUTION. Palearcticae.

#### Family LYCOSIDAE (2)

*Pardosa laura* (Karsch, 1879)  
3 ♀♀, forest edge, 22.07.2015.  
REMARK. Species affiliation is preliminary. Females of the *Pardosa laura*-complex are not distinguishable [Tanaka, 1993]. Chinese specimens of *P. laura* (as in Song et al., 1999) are not conspecific with Japanese ones.  
DISTRIBUTION. Palearcticae.

*Pardosa lugubris* (Walckenaer, 1802)  
1 ♀, forest edge, 22.07.2015.  
DISTRIBUTION. Transpalearctic.

#### Family PHILODROMIDAE (1)

*Philodromus aureolus* (Clerck, 1758)  
5 ♀♀, 15–26.07.2015.  
DISTRIBUTION. Transpalearctic.

#### Family PHOLCIDAE (1)

*Pholcus phungiformes* Oligier, 1983  
3 ♂♂, 3 ♀♀, 1 juv., 15–26.07.2015.  
DISTRIBUTION. NE Palearcticae: This species is known from Primorie, Sakhalin and South Kuril Islands.

#### Family PISAURIDAE (1)

*Pisaura ancora* Paik, 1969  
1 ♀, 26.07.2015.  
DISTRIBUTION. Mongolian-Manchurian: From Tuva to Primorie.

**Family SALTICIDAE (4)***Carrhotus xanthogramma* (Latreille, 1819)

2 ♀♀, 14–22.07.2015.

DISTRIBUTION. Transpalaeartic nemoral.

*Myrmarachne lugubris* Kulczyński, 1895

1 ♂, 15.07.2015, 1 ♀, 24.07.2015.

REMARK. This species corresponds to *M. japonica* (Karsch, 1879) *sensu* Chikuni [1989] and Ono et al. [2009].

DISTRIBUTION. Palaearchaeartic.

*Phintella castrisiana* (Grube, 1861)

2 ♀♀, 15–27.07.2015.

DISTRIBUTION. Palaeartic disjunct: This species is known from Europe to Caucasus and in Far East Asia.

*Rhene atrata* (Karsch, 1881)

3 ♀♀, 14–28.07.2015.

DISTRIBUTION. Palaearchaeartic.

**Family TETRAGNATHIDAE (1)***Tetragnatha praedonia* L. Koch, 1878

1 ♀, 22.07.2015.

DISTRIBUTION. Palaearchaeartic.

**Family THERIDIIDAE (6)***Enoplognatha margarita* Yaginuma, 1964

3 ♂♂, 11 ♀♀, 15–27.07.2015.

DISTRIBUTION. Palaearchaeartic.

*Episinus affinis* Bösenberg et Strand, 1906

1 ♀, 15–22.07.2015.

DISTRIBUTION. Palaearchaeartic.

*Parasteatoda tabulata* (Levi, 1980)

2 ♂♂, 1 ♀, 15–28.07.2015.

DISTRIBUTION. Circumholarctic nemoral.

*Parasteatoda tepidariorum* (C.L. Koch, 1841)

3 ♂♂, 3 ♀♀, 15–28.07.2015.

DISTRIBUTION. Cosmopolitan.

*Platnickina sterninotata* (Bösenberg et Strand, 1906)

1 ♀, 15–27.07.2015.

DISTRIBUTION. Palaearchaeartic.

*Theridion pinastri* L. Koch, 1872

1 ♀, 15–27.07.2015.

DISTRIBUTION. Transpalaeartic. Known from European Russia including Caucasus and Urals, as well as from China, Japan and Korea. New to continental Southern Russian Far East.

**Family THOMISIDAE (4)***Ebrechtella tricuspadata* (Fabricius, 1775)

2 ♀♀, 15–22.07.2015.

DISTRIBUTION. Transpalaeartic nemoral.

*Lysiteles coronatus* (Grube, 1861)

5 ♀♀, 15–27.07.2015.

DISTRIBUTION. Palaearchaeartic.

*Oxytate striatipes* L. Koch, 1878

1 juv., 15–26.07.2015.

DISTRIBUTION. Palaearchaeartic.

*Xysticus ephippiatus* Simon, 1880

2 ♀♀, 15–22.07.2015.

DISTRIBUTION. East Palaeartic nemoral: From Uzbekistan to northern Cisokhotia and south to Japan.

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