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# A contribution to the knowledge of the spider fauna (Arachnida: Aranei) of Russia: new records for the Amur Area

# Дополнение к фауне пауков (Arachnida: Aranei) России: новые находки для Амурской области

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KEY WORDS: Aranei, Arachnida, fauna, spiders, new records, Siberia, Amur Area, Russian Far East.

КЛЮЧЕВЫЕ СЛОВА: Aranei, Arachnida, фауна, пауки, новые находки, Сибирь, Амурская область, Дальний Восток.

ABSTRACT. Fifty-seven species are recorded from the Amur Area of Russia for the first time. Six of these are new records for the Russian Far East: *Emblyna burjatica, Bathyphantes parvulus, Micrargus subaequalis, Pardosa bukukun* and *Steatoda phalerata*. *Xysticus amuricus* Seyfulina et Mikhailov, 2004 is newly synonymized with *X. ferruginoides* Schenkel, 1963, syn.n. The listed species are provided with comments regarding their distribution and earlier records for Northern Asia.

РЕЗЮМЕ. Приведены 57 вида, впервые отмеченных для фауны Амурской области (Россия), 6 из которых новые и для Дальнего Востока (*Emblyna burjatica, Bathyphantes parvulus, Micrargus subaequalis, Pardosa bukukun*, *Steatoda phalerata*). Установлен новый синоним: *Xysticus amuricus* Seyfulina et Mikhailov, 2004 = *X. ferruginoides* Schenkel, 1963, syn.n. Список снабжен комментариями о распространении видов и их прежних находках в Северной Азии.

## Introduction

To date the spider fauna of the Russian Far East has remained poorly investigated. Available data on spiders have been compiled in the *Catalogue of the Spiders of the Territories of the Former Soviet Union* [Mikhailov, 1997], catalogues and check-lists for some spider families [Eskov, 1992; Mikhailov, Marusik, 1995; Logunov, Koponen, 2000; Logunov, Marusik, 2000a], as well as in a few reports (e.g., Oliger, 1984; Logunov, 1992; Logunov, Wesołowska, 1992; Marusik et al., 1992, 1993b; Kim, Kurenshchikov, 1995; Marusik, Koponen, 2000; Oliger et al., 2002), mainly concerning spider records from Khabarovsk Province, Maritime Province and Magadan Area. Since the publication of the list by Azheganova, Stenchenko [1977] a contribution to the knowledge of the Amur Area spider diversity was made by Eskov [1992], who added more than 20 species of the linyphiid spiders. Several additional species from this area were described or reported by Marusik [1986], Eskov [1992], Logunov, Wesołowska [1992], Eskov, Marusik [1992, 1994], Mikhailov [1992, 2003] and Logunov [1999]. In this paper I present the first records of 57 spider species for the Amur Area and/or the Russian Far East. Previously, we described new species of crab spiders from the same region [see Seyfulina, Mikhailov, 2004]. Here, we propose a new synonymy for the thomisid fauna. The reference list for each reported species lists the works most useful for their identification.

Specimens for this study were collected by the author during a field trip to the Muraviovka Park in June-August 2001, in order to explore the spider diversity for a Sustainable Land Use project. The Park is situated in the Amur Area (c. 30 km of Blagoveshchensk), with its approximate location being 49°50'N 127°44'E (Fig. 1). The material is kept in the Zoological Museum of the Moscow State University.

## List of species

### ARANEIDAE

*Alenatea fuscocolorata* (Bosenberg et Strand, 1906)

*Araneus fuscocoloratus*: Chikuni, 1989: 70, f. 27.
*Agalenatea fuscocolorata*: Yin et al., 1997: 113, f. 39 a–g.

MATERIAL. 1 ♀, Russia, Amur Area, Tambovski Distr., Muraviovka Park, 17.07.2001.

COMMENTS. The first record for the Amur Area and the northernmost record for the species. Previously reported from Maritime Province [Oliger et al., 2002], eastern China, Taiwan [Song et al., 1999] and Japan [Chikuni, 1989].


Fig.1. Map of the Amur Area and location of the study site (marked with a square).

Рис. 1. Карта Амурской области и расположение места исследования (отмечено квадратом).

### *Araniella displicata* (Hentz, 1847)

*A. displicata*: Roberts, 1995: 329.

MATERIAL. 1 ♂, Russia, Amur Area, Tambovski Distr., Muraviovka Park, 28.07.2001.

COMMENTS. The first record for the Amur Area. Distributed in the Holarctic Region, recorded from Krasnoyarsk Area [Eskov, 1988], Chita Area [Danilov, Kurtova, 1991], Yakutuia [Koponen, Marusik, 1992], Magadan Area [Rossolimo, Marusik, 1989], Sakhalin [Marusik et al., 1993b].

### *Larinioides cornutus* (Clerck, 1757)

*L. cornutus*: Roberts, 1995: 321.

*L. cornuta*: Yin et al., 1997: 325, f. 229a–e.

MATERIAL. 1 ♂, Russia, Amur Area, Tambovski Distr., Muraviovka Park, 4.07.2001.

COMMENTS. The first record for the Amur Area. Distributed in the Holarctic Region, recorded from Tyumen Area [Eskov, Efimik, 1996], Krasnoyarsk Area [Eskov, 1988], Chita Area [Izmailova, 1980], Kemerovo Area [Lukyantsev, 1999].

## CLUBIONIDAE

### *Cheiracanthium erraticum* (Walckenaer, 1802)

*C. erraticum*: Chikuni, 1989: 123, f. 5.

*C. erraticum*: Roberts, 1995: 133, pl. 6.

MATERIAL. 1 ♀, Russia, Amur Area, Tambovski Distr., Muraviovka Park, 23.07.2001.

COMMENTS. The first record for the Amur Area. Distributed in the Palearctic Region, recorded from the Russian Far East (Khabarovsk Province, Sakhalin, Kamchatka Peninsula) by Trilikauskas [2001], Marusik et al. [1993b] and Sytshevskaja [1935].

### *Clubiona latericia* Kulczynski, 1926

*C. latericia*: Mikhailov, 1990: 155, f. 29–32.

MATERIAL. 1 ♀, Russia, Amur Area, Tambovski Distr., Muraviovka Park, 2.08.2001.

COMMENTS. The first record for the Amur Area. Distributed in south and east Siberia, Far East, northwest USA, reported from Tuva [Mikhailov, 1992], Transbaikalia [Danilov, 1999; Logunov, Marusik, 2004], Yakutia [Koponen, Marusik, 1992], Magadan Area, Chukotka [Mikhailov, Marusik, 1995], Khabarovsk Province [Kim, Kurenshchikov, 1995], Krasnoyarsk Province, Maritime Province, Kurile Islands [Mikhailov, 2003], Sakhalin [Marusik et al., 1993b] and Alaska [Platnick, 2004].

## CORINNIDAE

### *Trachelas japonicus* Bosenberg et Strand, 1906

*T. japonicus*: Chikuni, 1989: 128, f. 28.

MATERIAL. 2 ♀♀, Russia, Amur Area, Tambovski Distr., Muraviovka Park, 13.07.2001, 2.08.2001.

COMMENTS. The first record for the Amur Area. Previously reported from Maritime Province [Marusik, Koponen, 2000], Khabarovsk Province [Kim, Kurenshchikov, 1995], China (Shanxi) [Song et al., 1999] and Japan [Chikuni, 1989].

## DICTYNIDAE

### *Emblyna burjatica* (Danilov, 1994)

*Dictyna burjatica* Danilov, 1994: 204, f. 20–25.

*E. burjatica*: Marusik, Koponen, 1998: 85, f. 27–30.

MATERIAL. 1 ♀, Russia, Amur Area, Tambovski Distr., Muraviovka Park, 2.07.2001.

COMMENTS. The first record for the Amur Area and the Russian Far East. Previously reported from Buryatia [Danilov, 1994] and Krasnoyarsk Province [Marusik, Koponen, 1998].

## GNAPHOSIDAE

### *Drassodes serratidens* Schenkel, 1963

*D. serratidens*: Chikuni, 1989: 119, f. 6.

*D. serratidens*: Marusik, Logunov, 1995: 183, f. 19–25.

MATERIAL. 1 ♂, 3 ♀♀, Russia, Amur Area, Tambovski Distr., Muraviovka Park, 2–4.08.2001.

COMMENTS. The first record for the Amur Area. Known from Maritime Province [Marusik, Koponen, 2000], Khabarovsk Province [Trilikauskas, 2001], Buryatia [Danilov, 1997], Chita Area [Logunov, Marusik, 2004], Tuva, Mongolia [Marusik, Logunov, 1995, 1998], China, Korea and Japan [Song et al., 1999].

### *Drassylus pusillus* (C.L. Koch, 1833)

*Zelotes pusillus*: Grimm, 1985: 274, f. 316, 327–328.

MATERIAL. 16 ♀♀, Russia, Amur Area, Tambovski Distr., Muraviovka Park, 13–25.07.2001, 2.08.2001.

COMMENTS. The first record for the Amur Area. Distributed in the Palaearctic Region, reported from Kemerovo

Area [Romanenko, 1998], Altai [Marusik, Hippa, Koponen, 1996], Tuva [Marusik et al., 2000], Transbaikalia [Danilov, 1999], Khabarovsk Province [Kim, Kurenshchikov, 1995] and Sakhalin [Marusik et al., 1993b].

### *Drassyllus shaanxiensis* Platnick et Song, 1986

*D. shaanxiensis*: Platnick, Song, 1986: 17, f. 69–70.
*Zelotes shaanxiensis*: Chikuni, 1989: 121, f. 15.
MATERIAL. 1 ♀, Russia, Amur Area, Tambovski Distr., Muraviovka Park, 23.07.2001.
COMMENTS. The first record for the Amur Area; the northernmost locality of the range. Known from Maritime Province [Marusik, Koponen, 2000], China (from Xinjiang to Henan, Shanxi) [Song et al., 1999] and Japan (Hokkaido, Honshu) [Tsurusaki in Marusik, Koponen, 2000].

### *Gnaphosa gracilior* Kulczynski, 1901

*G. gracilior*: Ovtsharenko et al., 1992: 49, f. 169, 170, 173–176.
MATERIAL. 1 ♀, Russia, Amur Area, Tambovski Distr., Muraviovka Park, 27.07.2001.
COMMENTS. The first record for the Amur Area. Distributed from the Altai to Sakhalin in the east and from south Gobi to Kolyma River mouth and Chukotka Peninsula in the northeast [Ovtsharenko et al., 1992; Marusik et al., 1993b, 2000; Marusik, Koponen, 2000].

### *Gnaphosa inconspecta* Simon, 1878

*G. inconspecta*: Ovtsharenko et al., 1992: 30, f. 99–102.
*G. inconspecta*: Marusik, Logunov, 1995: 188, f. 63–64.
MATERIAL. 2 ♂♂ 4 ♀♀, Russia, Amur Area, Tambovski Distr., Muraviovka Park, 13–23.07.2001, 2.08.2001.
COMMENTS. The first record for the Amur Area. Occurs throughout the Palaearctic Region, from France to China; in North Asia it has been found in Krasnoyarsk Area [Ovtsharenko et al., 1992], Transbaikalia [Danilov, 1999], Tuva [Marusik, Logunov, 1995], Chita Area [Logunov, Marusik, 2004] and Sakhalin [Marusik et al., 1993b].

### *Gnaphosa kompirensis* Bosenberg et Strand, 1906

*G. kompirensis*: Chikuni, 1989: 119, f. 9.
*G. kompirensis*: Ovtsharenko et al., 1992: 35, f. 125, 126, 129–132.
MATERIAL. 1 ♂ 6 ♀♀, Russia, Amur Area, Tambovski Distr., Muraviovka Park, 13–23.07.2001, 2.08.2001.
COMMENTS. The first record for the Amur Area. Reported from Khabarovsk Province, Maritime Province, Sakhalin, China, Korea, Japan and Vietnam [Ovtsharenko et al., 1992; Marusik et al., 1993b; Platnick, 2004].

### *Gnaphosa nigerrima* L. Koch, 1878

*G. nigerrima*: Ovtsharenko, Marusik, 1988: 207, f. 12–14;
*G. nigerrima*: Ovtsharenko et al., 1992: 80, f. 285, 286, 293–296.
MATERIAL. 17 ♀♀, Russia, Amur Area, Tambovski Distr., Muraviovka Park, 13–23.07.2001, 2.08.2001.
COMMENTS. The first record for the Amur Area. In the northern Palaearctic, it is reported from Chita Area, Yakutia, Krasnoyarsk Area, Magadan Area, Yamal, Chukotka Peninsula, Kamchatka Peninsula and Sakhalin [Ovtsharenko et al., 1992; Koponen, Marusik, 1992; Marusik et al., 1993b].

### *Haplodrassus hiemalis* (Emerton, 1909)

*H. hiemalis*: Marusik, Logunov, 1995: 192, f. 71–75.
MATERIAL. 1 ♂, 7 ♀♀, Russia, Amur Area, Tambovski Distr., Muraviovka Park, 13–23.07.2001, 2.08.2001.
COMMENTS. The first record for the Amur Area. This Holarctic species has been reported from the Polar Urals to Khakassia, Tuva and Ulan-Bator in the south and to Chukotka Peninsula in the northeast [Marusik et al., 1992, Marusik, Logunov, 1995, 1998; Mikhailov, 1997]; also known from Maritime Province [Marusik, Koponen, 2000] and Chita Area [Logunov, Marusik, 2004].

### *Micaria japonica* Hayashi, 1985

*M. japonica*: Chikuni, 1989: 121, f. 18.
*M. japonica*: Namkung et al., 1995: 40, f. 1–4.
MATERIAL. 1 ♀, Russia, Amur Area, Tambovski Distr., Muraviovka Park, 23.07.2001.
COMMENTS. The first record for the Amur Area, the northernmost locality of the range. Recorded from the Russian Far East (Maritime Province) by Marusik, Koponen [2000], also known from Japan and Korea [Namkung et al., 1995].

### *Zelotes exiguus* (Müller et Schenkel, 1895)

*Z. exiguus*: Grimm, 1985: f. 243, 268, 269.
*Z. exiguus*: Hu, Wu, 1989: 292, f. 234.
MATERIAL. 3 ♂♂ 21 ♀♀, Russia, Amur Area, Tambovski Distr., Muraviovka Park, 13–25.07.2001, 2.08.2001.
COMMENTS. The first record for the Amur Area. Distributed in the Palaearctic Region, reported from the Maritime Province [Marusik, Koponen, 2000], the Urals [Esyunin, Efimik, 1996], Tuva [Logunov et al., 1998] and China (Xinjiang) [Song et al., 1999].

### *Zelotes potanini* Schenkel, 1963

*Z. potanini*: Ovtsharenko, Marusik, 1988: 205.
*Z. potanini*: Hu, Wu, 1989: 297, f. 237(1–4).
MATERIAL. 2 ♀♀, Russia, Amur Area, Tambovski Distr., Muraviovka Park, 2.08.2001.
COMMENTS. The first record for the Amur Area. Reported from the Russian Far East (Maritime Province) by Marusik, Koponen [2000]. Known from the southern Urals [Esyunin, Efimik, 1996], eastern Kazakhstan, the Altai [Marusik et al., 1996], Buryatia [Danilov, 1995], Tuva [Logunov et al., 1998], Chita Area [Logunov, Marusik, 2004], Irkutsk Area [Izmailova, 1989], Yakutia [Marusik et al., 1993a], China (Shandong, Henan) [Song et al., 1999], Korea and Japan [Platnick, 2004].

### *Zelotes fratris* Chamberlin, 1920

*Z. fratris*: Ovtsharenko, Marusik, 1991: 119, f. 1 (17), 2 (2).
MATERIAL. 1 ♂ 2 ♀♀, Russia, Amur Area, Tambovski Distr., Muraviovka Park, 13–25.07.2001.
COMMENTS. The first record for the Amur Area. Distributed in the Holarctic Region [Platnick, 2004]. Reported from Magadan Area, Yakutia, Evenkia [Ovtsharenko, Marusik, 1988], Sakhalin [Marusik et al., 1993b], Khakassia [Marusik, Logunov, 1995], the Altai [Marusik et al., 1996], Buryatia [Danilov, 1995], Chita Area [Logunov, Marusik, 2004], Tuva [Marusik et al., 2000] and Krasnoyarsk Province [Marusik et al., 2002].

*Zelotes sula* Lowrie et Gertsch, 1955

*Z. sula*: Ovtsharenko, Marusik, 1991: 118, f. 1 (16), 2 (1).
MATERIAL. 1 ♀, Russia, Amur Area, Tambovski Distr., Muraviovka Park, 2.08.2001.
COMMENTS. The first record for the Amur Area. Distributed in the Holarctic Region [Platnick, 2004]. Reported from Maritime Province, Magadan Area [Ovtsharenko, Marusik, 1988], Sakhalin, Kurile Islands [Marusik et al., 1993b], Buryatia [Danilov, 1995], Tuva [Marusik et al., 2000] and Chita Area [Logunov, Marusik, 2004].

LINYPHIIDAE[1]

*Agyneta mongolica* (Loksa, 1965)

*Meioneta mongolica* Loksa, 1965: 5, f. 5–8.
MATERIAL. 4 ♂♂ 7 ♀♀, Russia, Amur Area, Tambovski Distr., Muraviovka Park, 2–4.08.2001.
COMMENTS. The first record for the Amur Area. Previously reported from the neighbouring Khabarovsk Province [Eskov, 1992; Kim, Kurenshchikov, 1995], as well as from Mongolia [Platnick, 2004].

*Bathyphantes gracilis* (Blackwall, 1841)

*B. gracilis*: Palmgren, 1975: 74, f. 16 (18–20).
MATERIAL. 1 ♀, Russia, Amur Area, Tambovski Distr., Muraviovka Park, 17.07.2001.
COMMENTS. The first record for the Amur Area. Distributed in the Holarctic Region; in the Russian Far East, reported from Magadan Area [Marusik, 1994], Khabarovsk Province [Kim, Kurenshchikov, 1995] and Sakhalin [Marusik et al., 1993b].

*Bathyphantes parvulus* (Westring, 1851)

*B. parvulus*: Palmgren, 1975: 74, f. 16 (21–23).
MATERIAL. 2 ♂♂ 4 ♀♀, Russia, Amur Area, Tambovski Distr., Muraviovka Park, 13–23.07.2001, 2.08.2001.
COMMENTS. The first record for the Amur Area and Russian Far East; the easternmost locality of the range. Distributed in the Palaearctic Region, known from Buryatia [Marusik et al., 1996], Kemerovo Area [Romanenko, 1998], Krasnoyarsk Area [Marusik et al., 2002] and China (Jilin) [Song et al., 1999].

*Bathyphantes setiger* F.O. Pickard-Cambridge, 1894

*B. setiger*: Palmgren, 1975: 74, f. 16 (8–10).
MATERIAL. 1 ♀, Russia, Amur Area, Tambovski Distr., Muraviovka Park, 2.08.2001.
COMMENTS. The first record for the Amur Area. Distributed in the Palaearctic Region, in Russian Far East known from Khabarovsk Province, Sakhalin [Eskov, 1992], Chukotka and Kamchatka Peninsulas and Kurile Islands [Tanasevitch, 2004, online www-version].

*Micrargus subaequalis* (Westring, 1851)

*M. subaequalis*: Palmgren, 1976: 81, f. 14 (7–10).
MATERIAL. 12 ♂♂ 4 ♀♀, Russia, Amur Area, Tambovski Distr., Muraviovka Park, 13–23.07.2001, 2.08.2001.
COMMENTS. The first record for the Amur Area and the Russian Far East; the easternmost record for the species. Occurs from Europe throughout eastern Kazahstan [Mikhailov, 1997] to China (Hubei, Hebei, Jilin) [Song et al., 1999].

LIOCRANIDAE

*Phrurolithus festivus* (C.L. Koch, 1835)

*P. festivus*: Roberts, 1995: 143.
*P. festivus*: Danilov, 1999: 313, f. 2C–F.
MATERIAL. 1 ♀, Russia, Amur Area, Tambovski Distr., Muraviovka Park, 7.08.2001.
COMMENTS. The first record for the Amur Area. Distributed in the Palaearctic Region, reported from Kemerovo Area [Romanenko, 1999], Transbaikalia [Danilov, 1999], Khabarovsk Province [Kim, Kurenshchikov, 1995] and Maritime Province [Šternbergs, 1988].

LYCOSIDAE

*Pardosa adustella* Roewer, 1951

*P. adustella*: Logunov, Marusik, 1995: 114, f. 34–35.
MATERIAL. 1 ♂ 12 ♀♀, Russia, Amur Area, Tambovski Distr., Muraviovka Park, 22–25.07.2001, 2.08.2001.
COMMENTS. The first record for the Amur Area. Reported from Chita Area [Logunov, Marusik, 1995, 2004], Yakutia [Koponen, Marusik, 1992], Magadan Area [Zyuzin, Marusik, 1988], Khabarovsk Province [Kim, Kurenshchikov, 1995], Mongolia and China [Platnick, 2004].

*Pardosa* cf. *astrigera* L. Koch, 1878

*P. astrigera*: Tanaka, 1993a: 159, f. 1–4.
MATERIAL. 1 ♂ 5 ♀♀, Russia, Amur Area, Tambovski Distr., Muraviovka Park, 13–25.07.2001, 2.08.2001.
COMMENTS. *Pardosa astrigera* has an obscure taxonomic status; for example, it is represented by at least two species in Japan [Marusik, pers. comm.]. My male specimen is not *P. chionophila*, which is characterized by having a swollen tibia and relatively short hairs on legs I, nor is it *P. jeniseica* which has long and thick hairs on legs I. I conclude that it is likely to be *Pardosa astrigera.* Previously reported from Transbaikalia [Danilov, 1999], Tuva, Sakhalin Island, Kurile Islands, Khabarovsk Province [Kim, Kurenshikov, 1995], China, Korea, Taiwan and Japan [Song et al., 1999].

*Pardosa bukukun* Logunov et Marusik, 1995

*P. bukukun*: Logunov, Marusik, 1995: 112, f. 13–19.
MATERIAL. 1 ♂, Russia, Amur Area, Tambovski Distr., Muraviovka Park, 13.07.2001.
COMMENTS. The first record for the Amur Area and Russian Far East. Previously described and known from Chita Area [Logunov, Marusik, 1995, 2004], Tuva and Mongolia [Marusik et al., 2000].

*Pardosa laura* Karsch, 1879

*P. laura*: Tanaka, 1993b: 268, f. 5–8.

[1]All identifications of the linyphiid specimen were verified by Dr A.V. Tanasevitch.

MATERIAL. 63 ♂♂, Russia, Amur Area, Tambovski Distr., Muraviovka Park, 13–25.07.2001, 2.08.2001.

COMMENTS. The first record for the Amur Area. Reported from Maritime and Khabarovsk Provinces [Šternbergs, 1988; Kim, Kurenshchikov, 1995], China, Korea, Taiwan and Japan [Song et al., 1999].

### *Pirata praedo* Kulczynski, 1885

*P. praedo*: Logunov, 1992: 60, f. 6.

MATERIAL. 2 ♂♂ 2 ♀♀, Russia, Amur Area, Tambovski Distr., Muraviovka Park, 13–23.07.2001.

COMMENTS. The first record for the Amur Area. Previously known from Buryatia [Danilov, 1995], Yakutia [Koponen, Marusik, 1992], Tuva, Khabarovsk Province, Kamchatka Peninsula [Logunov, 1992] and Magadan Area [Marusik et al., 1992].

### *Pirata serrulatus* (Song et Wang, 1984)

*Piratula serrulatus*: Logunov, 1992: 59, f. 6.

MATERIAL. 47 ♂♂ 9 ♀♀, Russia, Amur Area, Tambovski Distr., Muraviovka Park, 13–23.07.2001, 2.08.2001.

COMMENTS. The first record for the Amur Area. Previously known from neighbouring Khabarovsk Province [Logunov, 1992; Kim, Kurenshchikov, 1995] and northeastern China [Song, Wang, 1984].

### *Trochosa ruricola* (De Geer, 1778)

*T. ruricola*: Roberts, 1995: 226.

MATERIAL. 1 ♂ 6 ♀♀, Russia, Amur Area, Tambovski Distr., Muraviovka Park, 13–23.07.2001, 2.08.2001.

COMMENTS. The first record for the Amur Area. Widespread in the Holarctic Region; in the Russian Far East, reported from Khabarovsk Province [Kim, Kurenshchikov, 1995] and Maritime Province [Oliger, 1984; Šternbergs, 1988].

### *Trochosa terricola* Thorell, 1856

*T. terricola*: Roberts, 1995: 227.

MATERIAL. 1 ♂ 1 ♀, Russia, Amur Area, Tambovski Distr., Muraviovka Park, 2.08.2001.

COMMENTS. The first record for the Amur Area. Widespread in the Holarctic Region; in the Russian Far East, reported from Khabarovsk Province [Kim, Kurenshchikov, 1995], Maritime Province [Oliger, 1984], Kamchatka Peninsula [Sytshevskaja, 1935], Sakhalin and Kurile Islands [Marusik et al., 1993b].

## OXYOPIDAE

### *Oxyopes licenti* Schenkel, 1953

*O. parvus*: Marusik et al., 1996: 40, f. 89–92.

MATERIAL. 5 ♂♂ 9 ♀♀, Russia, Amur Area, Tambovski Distr., Muraviovka Park, 28.06–10.08.2001.

COMMENTS. The first record for the Amur Area. Distributed from the Altai to Central Yakutia and the upper Kolyma [Marusik et al., 1996] and to Sichuan (China) in the south [Song et al., 1999]; also reported from Maritime Province [Marusik, Koponen, 2000], Korea and Japan [Song et al., 1999].

## PHILODROMIDAE

### *Philodromus spinitarsis* Simon, 1895

*Ph. spinitarsis*: Logunov, 1992: 57, f. 3.

MATERIAL. 3 ♀♀, Russia, Amur Area, Tambovski Distr., Muraviovka Park, 5–9.08.2001.

COMMENTS. The first record for the Amur Area. Previously reported from Khabarovsk Province [Logunov, 1992; Kim, Kurenshchikov, 1995], China, Korea and Japan [Song et al., 1999].

### *Thanatus arcticus* Thorell, 1872

*Th. arcticus*: Logunov, 1996: 147, f. 2, 4, 7–9, 26–57.

MATERIAL. 2 ♂♂, Russia, Amur Area, Tambovski Distr., Muraviovka Park, 2.08.2001.

COMMENTS. The first record for the Amur Area. Distributed in the Holarctic Region, reported from the Polar Urals [Utochkin, 1988], Tuva [Marusik et al., 2000], Transbaikalia [Danilov, 1999], Chukotka Peninsula [Marusik, 1993], Yakutia and Magadan Area [Marusik et al., 1993a].

### *Thanatus coreanus* Paik, 1979

*Th. coreanus*: Logunov, 1996: 174, f. 137–142, 146–152, 158–159.

MATERIAL. 3 ♂♂, Russia, Amur Area, Tambovski Distr., Muraviovka Park, 2.08.2001.

COMMENTS. The first record for the Amur Area. Previously known from Buryatia [Danilov, 1997], Khakassia, Tuva, Chita Area [Logunov, 1996; Logunov, Marusik, 2004], Khabarovsk Province [Trilikauskas, 2001], Korea and China [Song et al., 1999].

### *Thanatus formicinus* (Clerck, 1757)

*Th. formicinus*: Logunov, 1996: 154, f. 73–83, 86–87, 105.

MATERIAL. 1 ♂, Russia, Amur Area, Tambovski Distr., Muraviovka Park, 2.08.2001.

COMMENTS. The first record for the Amur Area. Distributed in the Holarctic Region, reported from Transbaikalia [Danilov, 1999], Magadan Area [Marusik, 1991] and Sakhalin [Marusik et al., 1993b].

### *Thanatus sabulosus* (Menge, 1875)

*Th. sabulosus*: Logunov, 1996: 177, f. 143–145, 153–157.

MATERIAL. 1 ♂, Russia, Amur Area, Tambovski Distr., Muraviovka Park, 2.08.2001.

COMMENTS. The first record for the Amur Area. Distributed in the Palaearctic Region, reported from the Urals [Utochkin, 1988], Transbaikalia [Danilov, 1999] and Irkutsk Area [Izmailova, 1989].

### *Tibellus fengi* Efimik, 1999

*T. tenellus* (nec L. Koch, 1876; misidentified): Feng, 1990: 196, f. 1–4.

*T. fengi*: Efimik, 1999: 110, f. 37, 44, 54.

MATERIAL. 2 ♀♀, Russia, Amur Area, Tambovski Distr., Muraviovka Park, 5–10.07.2001.

COMMENTS. The first record for the Amur Area. Previously reported from the southern part of Maritime Province and China (Heilongjiang, Liaoning, Henan, Hunan, Jiangxi) [Feng, 1990; Efimik, 1999].

TETRAGNATHIDAE

*Pachygnatha tenera* (Karsch, 1879)

*Dyschiriognatha tenera*: Chikuni, 1989: 90, f. 1.
MATERIAL. 1 ♀, Russia, Amur Area, Tambovski Distr., Muraviovka Park, 18.07.2001.
COMMENTS. The first record for the Amur Area. Reported from China, Korea, Japan [Song et al., 1999]. Marusik, Koponen [2000] found specimens of *Dyschiriognatha* cf. *tenera* from Maritime Province, which differ slightly from the figures given by Song et al. [1999].

THERIDIIDAE

*Achaearanea tabulata* Levi, 1980

*A. tabulata*: Chikuni, 1989: 30, f. 3.
*A. tabulata*: Gromov, 1997: 31, f. 1–5.
MATERIAL. 3 ♂♂ 1 ♀, Russia, Amur Area, Tambovski Distr., Muraviovka Park, 13.08.2001.
COMMENTS. The first record for the Amur Area. Distributed in the Palaearctic Region, reported from Chita Area, Khabarovsk and Maritime Provinces [Gromov, 1997].

*Enoplognatha caricis* (Ficket, 1876)

*E. tecta*: Roberts, 1995: 291–292.
*E. japonica*: Chikuni, 1989: 37, f. 37.
MATERIAL. 1 ♀, Russia, Amur Area, Tambovski Distr., Muraviovka Park, 26.07.2001.
COMMENTS. The first record for the Amur Area. Distributed in the Holarctic Region, reported from Khabarovsk Province [Logunov, 1992], Kurile Islands, Sakhalin Peninsula, Magadan Area, Tuva [Marusik, 1989; Marusik et al., 1993b, 2000; Logunov et al., 1998], Buryatia [Danilov, 1995], China, Korea and Japan [Song et al., 1999].

*Neottiura bimaculata* (Linnaeus, 1767)

*Theridion bimaculatum*: Chikuni, 1989: 43, f. 59.
*T. bimaculatum*: Roberts, 1995: 289.
MATERIAL. 1 ♀, Russia, Amur Area, Tambovski Distr., Muraviovka Park, 1.07.2001.
COMMENTS. The first record for the Amur Area. Distributed in the Holarctic Region, reported from Tuva [Marusik et al., 2000], Buryatia Sakhalin and Kurile Islands [Marusik et al., 1993b],

*Phycosoma mustelinum* (Simon, 1889)

*Dipoena mustelina*: Chikuni, 1989: 36, f. 32.
MATERIAL. 1 ♀, Russia, Amur Area, Tambovski Distr., Muraviovka Park, 17.07.2001.
COMMENTS. The first record for the Amur Area. Reported from Sakhalin, Kurile Islands [Marusik et al., 1993b], China, Korea and Japan [Song et al., 1999].

*Steatoda phalerata* (Panzer, 1801)

*S. phalerata*: Palmgren, 1974: 40, f. 10.9–11.
MATERIAL. 2 ♂♂, Russia, Amur Area, Tambovski Distr., Muraviovka Park, 13–23.07.2001.
COMMENTS. The first record for the Amur Area and the Russian Far East. Distributed in the Palaearctic Region, reported from Tyumen Area [Esyunin, 1996], Yakutia [Marusik et al., 1993a], Altai [Marusik et al., 1996], Tuva [Logunov et al., 1998], Chita Area [Logunov, Marusik, 2004], China (Liaoning, Jilin), Korea and Japan [Song et al., 1999].

*Yaginumena castrata* (Bosenberg et Strand, 1906)

*Dipoena castrata*: Chikuni, 1989: 36, f. 30.
MATERIAL. 1 ♀, Russia, Amur Area, Tambovski Distr., Muraviovka Park, 20.07.2001.
COMMENTS. The first record for the Amur Area. Previously reported from Sakhalin [Marusik et al., 1993b], China, Korea and Japan [Platnick, 2004].

THOMISIDAE

*Ozyptila trux* (Blackwall, 1846)

*O. trux*: Wunderlich, 1973: 425, f. 53–56.
*O. trux*: Roberts, 1995: 167.
MATERIAL. 3 ♂♂ 2 ♀♀, Russia, Amur Area, Tambovski Distr., Muraviovka Park, 13–23.07.2001.
COMMENTS. The first record for the Amur Area. Distributed in the Palaearctic Region, reported from Krasnoyarsk Area [Eskov, 1988], Irkutsk Area [Izmailova, 1989], Buryatia [Danilov, 1990], Tuva [Logunov, Marusik, 1994], Magadan Area [Marusik et al., 1992] and the Kurile Islands [Marusik et al., 1993b].

*Xysticus ferruginoides* Schenkel, 1963

*X. ferruginoides* Shenkel, 1963: 221, f. 125 a–e.
*X. ferruginoides*: Logunov, Marusik, 1994: 184, f. 3–5.
*X. amuricus* Seyfulina et Mikhailov, 2004, **syn.n.**
MATERIAL. 2 ♂♂, Russia, Amur Area, Tambovski Distr., Muraviovka Park, 26.07.2001.
COMMENTS. The first record for the Amur Area. Reported from Maritime Province [Marusik, Koponen, 2000], Buryatia [Logunov, Marusik, 1994], eastern Mongolia [Schenkel, 1963] and China (Shandong, Henan) [Song et al., 1999].

*Xysticus sicus* Fox, 1937

*X. szetschuanensis* Schenkel, 1963: 216, f. 122a–b.
*X. sicus*: Song et al., 1999: 504, f. 287G.
MATERIAL. 1 ♀, Russia, Amur Area, Tambovski Distr., Muraviovka Park, 12.07.2001.
COMMENTS. The first record for the Amur Area; the northernmost locality of the range. Previously known from Maritime Province [Marusik, Koponen, 2000] and China (Sichuan, Shaanxi, Qinghai, Tibet) [Song et al., 1999].

TITANOECIDAE

*Titanoeca nivalis* Simon, 1874

*T. nivalis*: Wunderlich, 1993: 350, f. 10.
*T. nivalis*: Marusik, 1995: 126, f. 3, 9–10, 17.
MATERIAL. 11 ♂♂ 1 ♀, Russia, Amur Area, Tambovski Distr., Muraviovka Park, 2–23.07.2001.
COMMENTS. The first record for the Amur Area. Distributed in the Holarctic Region, reported from Krasnoyarsk Area [Marusik et al., 2000b], the Altai, Tuva [Marusik et al., 1996], Buryatia [Danilov, 1997], Yakutia [Koponen, Marusik, 1992] and Magadan Area [Rossolimo, Marusik, 1987].

SALTICIDAE

*Marpissa milleri* (Peckham et Peckham, 1894)

*M. milleri*: Prószyński, 1973: 116, f. 51–58.
*M. milleri*: Logunov, 1999: 37, f. 62–63.
MATERIAL. 2 ♀♀, Russia, Amur Area, Tambovski Distr., Muraviovka Park, 10–15.07.2001.
COMMENTS. The first record for the Amur Area and the westernmost locality for the species. Reported from Khabarovsk Province, Maritime Province, Kurile Islands, China (Heilongjiang, Jilin), Korea and Japan [Logunov, Marusik, 2000a].

*Pseudeuophrys iwatensis* (Bohdanowicz et Prószyński, 1987)

*P. iwatensis*: Logunov, 1998: 118, f. 22, 27–28, 31–32.
MATERIAL. 2 ♂♂ 2 ♀♀, Russia, Amur Area, Tambovski Distr., Muraviovka Park, 2–29.07.2001.
COMMENTS. The first record for the Amur Area and the westernmost locality for the species. Reported from Khabarovsk Province, Maritime Province, Sakhalin, Kurile Islands, China, Korea and Japan [Logunov, Marusik, 2000a].

*Pseudicius vulpes* (Grube, 1861)

*P. vulpes*: Prószyński, 1979: 316, f. 276–278.
*P. vulpes*: Wesołowska, 1981: 61, f. 56–59.
*Icius vulpes*: Chikuni, 1989: 149, f. 13.
MATERIAL. 3 ♂♂ 1 ♀, Russia, Amur Area, Tambovski Distr., Muraviovka Park, 29.06.2001, 7–12.07.2001, 2.08.2001.
COMMENTS. The first record for the Amur Area. Reported from Irkutsk Area, Buryatia, Chita Area, Khabarovsk Province, Maritime Province, Sakhalin, Kurile Islands, China, Korea and Japan [Logunov, Marusik, 2000a].

*Sitticus cutleri* Prószyński, 1980

*S. cutleri* Prószyński, 1980: 30, f. 94–95.
MATERIAL. 1 ♀, Russia, Amur Area, Tambovski Distr., Muraviovka Park, 25.07.2001.
COMMENTS. The first record for the Amur Area. Reported from Krasnoyarsk Province, Khakassia, Buryatia, Yakutia, Magadan Area, Khabarovsk Province [Logunov, Marusik, 2000a] and the USA [Platnick, 2004].

*Synageles venator* (Lucas, 1836)

*S. venator*: Prószyński, 1979: 318, f. 298–306.
*S. venator*: Logunov, Rakov, 1996: 73, f. 22, 36–42.
*S. venator*: Żabka, 1997: 100, f. 388–392.
MATERIAL. 1 ♀, Russia, Amur Area, Tambovski Distr., Muraviovka Park, 20.07.2001.
COMMENTS. The first record for the Amur Area. A widely distributed Palaearctic species, recorded from the Russian Far East (Khabarovsk Province, Maritime Province, Sakhalin) by Prószyński [1976, 1979], Logunov, Wesołowska [1992], Marusik et al. [1993b], Kim & Kurenshchikov [1995] and Logunov & Marusik [2000b].

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