

## A check-list of spiders (Arachnida Aranei) from Sakhalin and Kurile Islands

### Список пауков (Arachnida Aranei) Сахалина и Курильских островов.

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**ABSTRACT:** A check-list of spiders based on personal and literature data from Sakhalin and Kurile Islands is presented. 403 have been found there. Distribution records within Sakhalin (districts) and Kurile Islands are given. Dubious species recorded by Japanese authors (1924-1937) are listed separately with some comments. Twelve new synonyms, new combinations and new nominations are proposed. Several previous misidentifications in the Far Eastern linyphiids are corrected.

**РЕЗЮМЕ:** Приведен список пауков Сахалина и Курильских островов. С учетом собственных и литературных данных, на островах отмечено 403 вида. Для каждого вида указано распространение в пределах региона по районам (для Сахалина) и островам (для Курил). Перечислены виды, отмеченные японскими авторами (1924-1937), заведомо неверно определенные и/или таксономическое положение которых неясно. Предложено двенадцать новых синонимов, новых комбинаций и новых названий, замещающих преоккупированные. Исправлено несколько прошлых ошибочных идентификаций дальневосточных линифид.

The spider fauna of the Russian Far East has been one of the least explored in the ex-USSR and Sakhalin Area (Sakhalin and Kurile Islands) is the most poorly studied region with respect to spiders within the entire Far East. First arachnological collections in this area were made only in the beginning of the XX century [Strand, 1907].

Until the mid-80th all informations on the spider fauna of Sakhalin Area were scattered in a few papers, mainly published by Japanese aranologists in 1924-37 [Kishida, 1924; Peelle, Saito, 1932a, 1932b; Saito, 1932a,b, 1933, 1934, 1935a,b,c; Nakatsudi, 1937].

References on all species were summarized in a Japanese check-list of spiders made by Yaginuma [1977].

Recently, several more works, with references to some species and genera from Sakhalin and Kurile Islands, have been issued, with pronounced participation of Russian authors: Dunin, 1984a,b; Eskov, 1988a,b,c, 1989, 1990, 1991a,b,c,d, 1992a; Eskov, Marusik 1991a, 1992a,b; Marusik, 1989; Tanasevitch, 1987, 1988, 1992; Mikhailov, 1990, 1991, 1992, Ono et al, 1990, etc.

The lack of a special publication on the entire spider fauna was caused by the absence of collections. Until recently, in the Zoological Institute of St.Petersburg only a small material (about 20 specimens), collected in the 40s and housed in 1982, was available. The situation changed only since 1978, when A.M.Basarukin started intensive and extensive collections of arachnids on Sakhalin and Kurile Islands. This paper is mainly (90%) based on his material. Beside this, collections of the Zoological Museum of the Biological Institute, Novosibirsk, made in 1989, have been incorporated.

To sum of all literature references and original data on spiders of Sakhalin Area is the main goal of this work. The results are shown in a check-list, with notes on the distribution of species within Sakhalin Area. Dubious and incorrect identification records are listed in the end of the check-list. The total number of species found amounts to 357.

Families are listed in the order accepted in the last spider catalogue published by Platnick [1989].

All materials determined have been shared between the collections of the Zoological Institute of St.Petersburg, Zoological Museum of the Moscow State University (Moscow), the Biological Institute (Novosibirsk), and the Institute for Biological Problems of the North (Magadan).

Several abbreviations for Islands and Districts have been used: SAK - Sakhalin, MON - Moneron, KUN - Kunashir, SHI - Shikotan, ITU - Iturup, URU - Urup, PAR - Paramushir, SHU - Shumshu; Sakhalin districts: AN - Aniva, AS - Alexandrovsk-Sakhalinski, DO - Dolinsk, KH - Kholmsk, KO - Korsakov, MA - Makarov, NE - Nevelsk, NO - Nogliki, OK - Okha, PO - Poronaisk, SM - Smirnykh, TO - Tomari, TY - Tymovsk, UG - Ulegorsk (see Map). Asterisk (\*) means that at a certain locality (island or district) the species was recorded earlier, and due references are given.

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The following new synonyms, new combinations and new nominations should be proposed:

1. *Bathyphantes insulanus* Holm, 1960 = *B.castor* Chamberlin, 1925 = *B.pogonias* Kulczynski, 1885, syn.n.

2. *Bathyphantes orientis* Ol, 1960 = *B.pusio* Kulczynski, 1885 = *B.gracilis* (Blackwall, 1841), syn.n. All the above species seem to be but colour morphs of a single species, i.e. *B.gracilis* by priority.

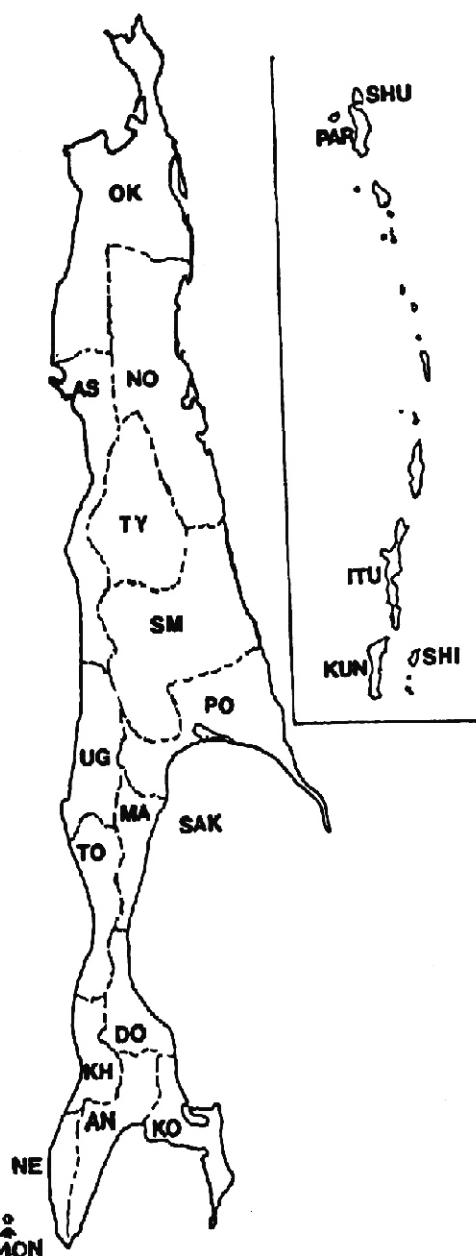
3. *Ceratinopsis okholensis* Eskov, nom.n. pro *Ceratinopsis orientalis* Eskov, 1986 (praeoccupied by *C.orientalis* Locket, 1982).

4. The generic name *Conothorax*, established by Eskov & Marusik, [1992a] to replace *Conithorax* Eskov, 1988 (praeoccupied in Diptera), appears to be praeoccupied as well. A new nomination, *Conithorax* Eskov, nom.n. pro *Conithorax* Eskov (praeoccupied) is proposed herein.

5. *Erigone sollers* O.P.-Cambridge, 1873 = *Walckenaeria vigilax* (Blackwall, 1853), syn.n. The type of *E.sollers* (HECO: 649/45) has been revised.

6. *Holminaria obscura* Eskov, 1991 = *Erigone prolata* O.P.-Cambridge, 1873, syn.n., = *Holminaria prolata* (O.P.-Cambridge), comb.n. The type of *E.prolata* (HECO: 644/32) has been revised.

7. *Hybauchenidium mongolensis* Heimer, 1987 = *Oedothorax mongolensis* (Heimer), comb.n. The latter nomination has already been used by Eskov [1992b], but the new combination has not been formalized.



Map 1. Localities on Sakhalin and Kurile Islands. Explanations see in the text.

Карта 1. Местонахождения пауков на Сахалине и Курильских о-вах. Объяснения см. в тексте.

8. The synonymy of *Kaestneria anceps* (Kulczynski, 1885) under *K.pullata* (O.P.-Cambridge, 1863), proposed by Kulczynski [1926], was not accepted by subsequent investigators (i.e. Ivie, 1969; Eskov, 1992c). However, now we prefer to support Kulczynski's [1926] synonymy, considering both species but as colour morphs of a single species, i.e. *B.pullata* by priority.

9. *Labula chikunii* Oi, 1980 = *L.insularis* (S.Saito, 1935), syn.n. *Leptyphantes insularis* S.Saito has been transferred into *Labula* by Tanaevitch & Eskov [1987]; *Labula contortipes chikunii* Oi was elevated to full species rank by Eskov [1992c].

10. *W.holmi* (Millidge, 1984) is distinguished from *W.karpinskii* (O.P.-Cambridge, 1873) only by the shape of the terminal portion of the male palpal tibia's inner branch. Basing on copious materials from Siberia and the Far East, numerous intermediate forms were recently found. So, we consider now *W.holmi* as junior synonym of *W.karpinskii*, syn.n.

#### Check-list

##### Family Uloboridae

*Octonoba yesoensis* (Saito, 1934) - SAK: DO\*, KO [Marusik, 1989].

*Uloborus walckenaerius* Latreille, 1806 - SAK: AN.

##### Family Nesticidae

*Howaia brevipes* (Yaginuma, 1970) - KUN, ITU.

##### Family Theridiidae

*Achaearanea riparia* (Blackwall, 1834) - SAK: DO.

*A.tepidariorum* (C.L.Koch, 1841) - SAK\*: AN, DO. KUN [Yaginuma, 1977].

*A. cf. tepidariorum* (C.L.Koch, 1841) - SAK: MA, KH.

*Achaearanea* sp. - SAK: MA. KUN.

*Argyrodes saganus* (Donitz & Strand, 1906) - SAK: KO\*, TO\*, UG. KUN [Marusik, 1989].

*Argyrodes* sp. - SAK: AN.

*Dipoena mustelina* (Simon, 1889) - SAK: AN, AS, KO, OK, PO. KUN.

*Dipoena* sp. - SAK: AN, KO, TO. KUN.

*Enoplognatha margarita* Yaginuma, 1964 - SAK\*: AN, AS, DO, KO, MA, UG, KH [Marusik, 1989].

*E.tecta* (Keyserling, 1884) - SAK\*: AN, AS, DO,

KO, NO, TO, UG, KH. KUN\*, ITU, PAR, SHU [Marusik, 1989].

*Episinus kitazawai* Yaginuma, 1958 - KUN.

*Episinus* sp. - KUN.

*Robertus lividus* (Blackwall, 1836) - SAK: OK. PAR, SHU.

*R.ungulatus* Vogelsanger, 1944 - SAK: AN, PO.

*Steatoda albomaculata* (De Geer, 1778) - SAK: TY.

*S.bipunctata* (Linnaeus, 1758) - SAK: OK, PO, SM.

*S.castanea* (Clerck, 1758) - SAK: AN.

*Theridion bimaculatum* (Linnaeus, 1758) - SAK\*: AN, DO, KO. KUN [Saito, 1934: as *T.nivalium*].

*Theridion* cf. *lyricum* Walckenaer, 1841 - SAK: AN, AS. KUN.

*T.montanum* Emerton, 1882 - SAK: AS.

*T.ohlerti* Thorell, 1870 - SAK: OK.

*T.rapulum* Yaginuma, 1960 - SAK: AN. KUN.

*T.subadulatum* Bösenberg & Strand, 1906 - ITU\* [Bösenberg, Strand, 1906].

*T. cf. tinctum* (Walckenaer, 1802) - SAK: AN.

*T.varians* Hahn, 1933 - SAK: AN, OK.

*T.yunohamense* Bösenberg & Strand, 1906 - SAK: AS. KUN.

*Theridion* sp.1 - KUN.

*Theridion* sp.2 - SAK: AN.

*Thymoites* sp. - SAK: OK.

*Theridiidae* gen.sp. - SAK: KH.

##### Family Theridiosomatidae

*Theridiosoma epeiroides* Bösenberg & Strand, 1906 - SAK: TO. KUN\* [Marusik, 1989].

##### Family Linyphiidae

*Agyneta beata* (O.Pickard-Cambridge, 1906) - SAK: OK.

*A.birulai* (Kulczynski, 1908) - SK: OK.

*A.nigra* (Oi, 1960) - SAK: DO.

*A.olivacea* (Emerton, 1882) - SAK: AN\*, AS, KO, MA, OK, TO\*, TY [Eskov, 1992c].

*A.similis* (Kulczynski, 1926) - SAK: OK, DO.

ITU\*, PAR\* [Eskov, 1992c].

*A.trifurcata* (Hippa & Oksala, 1985) - SAK: OK.

*Allomengea dentisetis* (Grube, 1861) - SAK: AN, MA. KUN, ITU.

*A.scopigera* (Grube, 1859) - SHU.

*Aprifrontalia mascula* (Karsch, 1879) - SAK: AN.

*Asperthorax communis* Oi, 1960 - SAK: AN, NO, TO\*. MON. KUN\*, ITU [Eskov, 1992c].

*B.eumenis* (L.Koch, 1879) - SAK: MA, OK, PO\*

[Eskov, 1992c].

*B.gracilis* (Blackwall, 1841) - SAK: AN\* [Eskov, 1992c].

*B.gulkana* Ivie, 1969 - SAK: AS, MA, OK, TO\* [Eskov, 1992c].

*B.humilis* (L.Koch, 1879) - SAK: AS, NO.

*B.jeniseicus* Eskov, 1879 - SAK: TO\* [Eskov, 1988a, 1992c].

*B.pogonias* Kulczynski, 1885 - SAK: AN\*, DO\*, KO, MA\*, NO, OK, SM, TO\*. KUN\*, ITU\*, PAR\*, SHU\* [Eskov, 1992c].

*B.setiger* (O.P.-Cambridge, 1894) - SAK: AS, OK, TO\*. SHU [Eskov, 1992c].

*Bolyphantes alticeps* (Sundevall, 1829) - SAK: AN, NO, OK. SHU\* [Eskov, 1992c].

*Centromerus pacificus* Eskov & Marusik, 1992 - SAK: OK\*, PO\* [Eskov, 1992c: as *C.clarus*; Eskov, Marusik, 1992b].

*C.terrigenus* Yaginuma, 1972 - SAK: AN\*, DO\*, KO\*, OK\*, PO\*, TO\*. MON. ITU\*, KUN\* [Eskov, Marusik, 1992b].

*C.sylvaticus* (Blackwall, 1841) - SAK: AN\*, DO\*, OK\*. ITU, SHU\* [Eskov, 1992c; Eskov, Marusik, 1992b].

*Ceraticelus orientalis* Eskov, 1987 - SAK: OK.

*C.sibiricus* Eskov, 1987 - SAK: OK.

*Ceratinella brevis* Wider, 1834 - SAK: AN.

*C.rosea* Olinger, 1985 - SAK: OK\* [Eskov, 1992c].

*Cnephilocotes obscurus* (Blackwall, 1834) - SAK: PO\* [Eskov, 1992c].

*Collinsia japonica* (Oi, 1964) - SAK: AN, MA\*, NO, TO\*. ITU\* [Eskov, 1990, 1992c].

*C.sakhalinensis* Eskov, 1990 - SAK: AN\*, DO\*, TO\*. ITU\* [Eskov, 1990, 1992c].

*Concavocephalus rubens* Eskov, 1989 - SAK: OK\*, PO\* [Eskov, 1989, 1992c].

*Dactylopisthes video* (Chamberlin et Ivie, 1947) - SAK: KO, OK. SHU\* [Eskov, 1992c].

*Dicyrbium libidinosum* (Kulczynski, 1926) - SAK: OK\*, PO\* [Eskov, 1992c].

*Diplocentria bidentata* (Emerton, 1882) - SAK: OK. PAR\*, SHU\* [Eskov, 1992c].

*Diplocephalus subrostratus* (O.P.-Cambridge, 1873) - SAK: MA, PO\*. SHU\* [Eskov, 1992c].

*Dismodicus alticeps* Chamberlin & Ivie, 1947 - SAK: PO\*. PAR\*, SHU\* [Eskov, 1992c: as *D.bifrons*].

*Drapetisca socialis* (Sundevall, 1832) - SAK: AN.

*Drepanotylus borealis* Holm, 1945 - SAK: NO.

*Eboria angulata* Holm, 1963 - SAK: OK\* [Eskov, 1992c].

*Entelecara sombra* (Chamberlin & Ivie, 1947) - SAK: AN, DO, OK.

*Erigone arctica sibirica* Kulczynski, 1908 - PAR\*, SHU\* [Eskov, 1992c].

*Eatra* Blackwall, 1833 - SAK: AN\*, AS, DO\*, KO, MA, PO, TO\*. KUN\*, ITU, PAR\*. [Eskov, 1992c].

*E.changchunensis* Zhu & Wen, 1980 - SAK: AS, OK.

*E.dentigera* O.P.-Cambridge, 1874 - SAK: AS.

*E.hypoarctica* Eskov, 1989 - SAK: OK.

*E.simillima* Keyserling, 1886 - SAK: OK. PAR\*, SHU\* [Eskov, 1992c].

*Erigonidium graminicola* (Sundevall, 1829) - SAK: AS, MA, OK, TO\* [Eskov, 1992c].

*Estrandia grandeva* (Keyserling, 1886) - SAK: OK\* [Eskov, 1992c].

*Floronia bucculenta* (Clerck, 1757) - SAK: AN\* [Eskov, 1992c].

*Glypesis asiaticus* Eskov, 1989 - SAK: PO\* [Eskov, 1992c].

*Gnathonarium dentatum* (Wider, 1834) - SAK: AN\*, AS, KO\*, MA, OK\*, TO\*. MON. KUN\*, ITU\*, PAR\* [Eskov, 1992c].

*G.suppositum* (Kulczynski, 1885) - SAK: OK. SHU\*, PAR\* [Eskov, 1992c].

*G.taczanowskii* (O.P.-Cambridge, 1873) - SAK: PO\* [Eskov, 1992c].

*Gonatium hilare* (Thorell, 1875) - SAK: KO\*, MA\* [Eskov, 1992c].

*G.nipponicum* Millidge, 1981 - SAK: AN\*, SM\*. KUN\*, ITU [Eskov, 1992c].

*G.pacificum* Eskov, 1986 - SAK: NO.

*G.rubens* (Blackwall, 1833) - SAK: AN, KO, NO, OK.

*Gongylidiellum vivum* (O.P.-Cambridge, 1875) - SAK: AS, KH.

*Helophora insignis* (Blackwall, 1841) - SAK: AN\*, DO\*, KH\*, KO, MA, NO, OK, SM. SHU [Saito, 1935b, Eskov, 1992c].

*Heribiphantes pratensis* Tanasevitch, 1992 - SAK: AN\* [Tanasevitch, 1992].

*Hilaira herniosa* Thorell, 1872 - SHU.

*H.leviceps* (L.Koch, 1879) - SHU\* [Eskov, 1992c].

*Holminaria prolata* (O.P.-Cambridge, 1873) - SAK: PO\* [Eskov, 1991c].

*Hylyphantes nigritus* (Simon, 1881) - SAK: AN\*, KO, NO. KUN\*, ITU\* [Eskov, 1992c].

*Hypomma affinis* Schenkel, 1930 - SAK: AS, DO, KH, KO, OK, TO\*. KUN\*, ITU\*, PAR\* [Eskov, 1988a and 1992c: as *H.bituberculata* and *H.cornuta*].

*H.bituberculata* (Wider, 1834). MON.

*Hypselistes semiflavous* (L.Koch, 1879) - SHU\* [Eskov, 1992c: as *H.jacksoni*].

*Hypselistes* sp. - SAK: AN\*, AS, KH\*, KO\*, MA,

- OK\*, TO. [Eskov, 1992c: as *H.jacksoni* and *H.semiflavus*].
- Kaestneria pullata* (O.P.-Cambridge, 1863) - SAK: AS, DO, OK, PO\*, SM, TO\*, UG. MON. ITU\*, KUN\*. SHU\* [Eskov, 1992c].
- Lasiargus laricetorum* Eskov, 1986. SAK: OK.
- Labula insularis* (S.Saito, 1935) - SAK: AN\*. MON\* [Saito, 1935a,b; Eskov, 1992c].
- Lepthyphantes abiskoensis* Holm, 1939 - SAK: PO\* [Eskov, 1992c].
- L.alacris* (Blackwall, 1853) - SAK: AN\*, OK\* [Tanasevitch, 1988].
- L.ateripes* Tanasevitch, 1986 - SAK: AN\*, DO, NO, OK\*. KUN\* [Tanasevitch, 1988; Eskov, 1992c].
- L.cognatus* Tanasevitch, 1992 - SAK: AN, DO\*, MA\*, OK\*, PO\* [Tanasevitch, 1988: as *L.Langulatus*; Eskov, 1992c: as *L.bipilis*; Tanasevitch, 1992].
- L.curvus* Tanasevitch, 1992 - SAK: AN\*, PO\* [Tanasevitch, 1992].
- L.dybowskii* (O.P.-Cambridge, 1873) - SAK: AN. SHU\* [Eskov, 1992c].
- L.expunctus* (O.P.-Cambridge, 1875) - SAK: OK.
- L.karpinskii* (O.P.-Cambridge, 1873) - SAK: AN\*, OK\*, PO\* [Saito, 1935b: as *L.langulipalpis*; Tanasevitch, 1988; Eskov, 1992c].
- L.kochiellus* Strand, 1901 - SAK: OK\*, PO [Tanasevitch, 1988].
- L.mengei* Kulczynski, 1887 - SAK: AN\*, NO, OK [Saito, 1935b].
- L.nebulosus* (Sundevall, 1829) - SAK: AN\*. ITU [Saito, 1935: as *L.colinus*; Tanasevitch, 1988].
- L.nigritrinitatis* (L.Koch, 1879) - SAK: AN, DO, OK. ITU, PAR\* [Eskov, 1992c].
- L.sakhalinensis* Tanasevitch, 1987 - SAK: AN\*, OK. KUN\* [Tanasevitch, 1987, 1988].
- L.suffusus* Strand, 1901 - SAK: OK\* [Tanasevitch, 1988].
- L.taczanowskii* (O.P.-Cambridge, 1873) - SAK: OK\*, PO\*, SM [Tanasevitch, 1988; Eskov, 1992c].
- Leptorhaphium robustum* (Westring, 1851) - SAK: AN\*, AS, TO\*. ITU, PAR [Eskov, 1992c].
- Lophomma cognatum* Holm, 1960 - SAK: AN.
- Macrargus multessimus* (O.P.-Cambridge, 1875) - SAK: OK, PO\* [Eskov, 1992c].
- Maro borealis* Eskov, 1991 - SAK: TO\* [Eskov, 1991a].
- M.flavescens* (O.P.-Cambridge, 1873) - SAK: AS, NO, OK\*, PO\* [Eskov, 1991a,d].
- M.saaristoi* Eskov, 1980 - SAK: OK.
- M.sibiricus* Eskov, 1980 - SAK: OK\*. SHU\* [Eskov, 1991a,d].
- Maso sundevalli* (Westring, 1851) - SAK: AN\*, OK\*, PO\*. ITU, SHU\* [Eskov, 1992c].

- Mecynargus paetus* (O.P.-Cambridge, 1875) - SHU\* [Eskov, 1992c].
- Micrargus herbigradus* (Blackwall, 1854) - SAK: AN, OK\*, PO\*. PAR [Eskov, 1992c].
- Microlinyphia impigra* (O.P.-Cambridge, 1871) - SAK: AN\*. KUN\* [Saito, 1935b: as *Linyphia circumspecta* (Blackwall); Eskov, 1992c].
- M.pusilla* (Sundevall, 1829) - SK: AN\*, OK [Saito, 1935b].
- Microneta viaria* (Blackwall, 1854) - SAK: AN\*, AS, KO\*, PO\*, OK\* [Eskov, 1992c].
- Mlnicia exarmata* Eskov, 1989 - SAK: OK.
- Minyrioloides trifrons* (O.P.-Cambridge, 1863) - SAK: AN\*, AS, DO, KH, KO, OK, SM\*, TO\* [Eskov, 1992c].
- Minyriolus pusillus* (Wider, 1834) - KUN\* [Eskov, 1992c].
- Nenilinium asiaticum* Eskov, 1988 - SAK: OK, PO\* [Eskov, 1992c].
- Neriene albolimbata* (Karsch, 1879) - SAK: AN\* [Eskov, 1992c].
- N.angulifera* (Schenkel, 1953) - SAK: TO\*. KUN\*, ITU\* [Eskov, 1992c].
- N.clathrata* (Sundevall, 1829). MON.
- N.coosa* (Gertsch, 1951) - SAK: AN.
- N.emphana* (Walckenaer, 1841) - SAK: AN\*, DO, KH\*, KO, MA\*. KUN\*, ITU\* [Peele, Saito, 1932b: as *Linyphia yonomachaensis*; Saito, 1935b; Eskov, 1992c].
- N.japonica* (Oi, 1960) - KUN\* [Eskov, 1992c].
- N.radiata* (Walckenaer, 1841) - SAK: AN\*, KH, KO\*. KUN\*, ITU\* [Peele, Saito, 1932a; Eskov, 1992c].
- Neserigone basarukini* Eskov, 1992 - SAK: AN\*, DO, KH, MA\*, TO\*. MON. KUN\*, ITU\* [Eskov, 1992a].
- Nippononeta kuriensis* Eskov, 1992 - SAK: AN. KUN\* [Eskov, 1992a].
- Oedoorthor hulongensis* Zhu et Wen, 1980 - SAK: AN\* [Eskov, 1992c].
- Oia imadatei* (Oi, 1964) - SAK: AN\*, KO\*, OK. KUN\* [Eskov, 1992c].
- Oreonetides beringianus* Eskov, 1991, - SAK: PO.
- O.helsdingeni* Eskov, 1984 - SAK: AS.
- O.lingualis* H.Saito, 1978 - KUN\* [Eskov, 1991a,d].
- O.vaginatus* (Thorell, 1972)- PAR\* (Eskov, 1991a,d).
- Panamomops tauricornis* (Simon, 1881) - SAK: NO.
- Paraeboria jeniseica* (Eskov, 1981) - SAK: AS.
- Parasis amurensis* Eskov, 1984 - SAK: AS.
- Parawubanoides unicornis* (O.P.-Cambridge,

- 1873) - SAK: OK.
- Phlattostrata parva* (Kulczynski, 1926) - SHU\* [Eskov, 1992c].
- Pityohyphantes phrygianus* (C.L.Koch, 1836) - SAK: AS, OK.
- Pocadicnemis pumila* (Blackwall, 1841) - SAK: AN\* [Eskov, 1992c].
- Porrhomma pallida* Jackson, 1913 - SAK: AN\*, AS [Eskov, 1992c].
- P.pygmaea* (Blackwall, 1841) - SAK: AN\*, OK\*, TO\* [Eskov, 1992c].
- P.plini* (Holm, 1950) - SAK: TO\* [Eskov, 1992c].
- Pseudowubana wagae* (O.P.-Cambridge, 1873) - SAK: PO\*, SM\* [Eskov, 1992c].
- Saloca strandi* (Sytshevskaja, 1935) - SAK: OK, PO\* [Eskov, 1992c].
- Savignia basarukini* Eskov, 1988 - SAK: AN\*, OK\*, PO\* [Eskov, 1988, 1992c].
- S.birostrum* (Chamberlin & Ivie, 1947) - SAK: PO\* [Eskov, 1991b,d].
- S.pseudofrontata* Paik, 1978 - SAK: OK.
- S.saitoi* Eskov, 1988 - SAK: AN\*, KH, KO\*, OK\*, PO\*. KUN\*, ITU [Eskov, 1988, 1992c].
- Scotinotylus levii* Marusik, 1988 - SAK: PO\* [Eskov, 1992c].
- S.millidgei* Eskov, 1986 - SAK: DO, PO.
- Scotinotylus* sp.. SAK: SM\* [Eskov, 1992c: as *S.gracilis*].
- Silometopus reussi* (Thorell, 1871) - SAK: NO.
- Stemonyphantes lineatus sibiricus* (Grube, 1861) - SAK: OK\*, PO\*, TO. SHU\* [Eskov, 1992c].
- Strandella pargongensis* (Paik, 1965) - SAK: AS. KUN\* [Eskov, 1992c].
- Tallusia experta* (O.P.-Cambridge, 1871) - SAK: TO\* [Eskov, 1988a; 1992c].
- Tapinocyba kolymensis* Eskov, 1989 - SAK: OK.
- Tapinocyboides pygmaeus* (Menge, 1869) - SAK: OK\* [Eskov, 1992c].
- Thyreostenius parasiticus* (Westring, 1851) - SAK: PO\*. KUN\* [Eskov, 1992c].
- Tibioploides arcuatus* (Tullgren, 1955) - SAK: AN\*, MA, PO\*. KUN\* [Eskov, 1992c].
- T.kurenstchikovi* Eskov & Marusik, 1991 - SAK: KO.
- T.pacificus* Eskov & Marusik, 1991 - SAK: MA, OK\*, PO\*, TO\* [Eskov, Marusik, 1991a].
- Tibioplus diversus* (L.Koch, 1879) - SAK: AS, OK\*, PO [Eskov, 1992c].
- Tiso aestivus* (L.Koch, 1879) - SAK: OK. ITU\*, PAR\*, SHU\* [Eskov, 1992c].
- Tmeticus japonicus* Oi, 1960 - SAK: AN\*, AS,
- DO\*, KH\*, KO\*, MA\*, NO, PO\*, OK\*, SM\*, TO\*, TY, UG. KUN\*, ITU\*, PAR\* [Eskov, 1992c].
- T.tolli* Kulczyński, 1908 - SAK: AN\*, AS, OK\*, PO, TO\* [Eskov, 1992c].
- Trichoncus hyperboreus* Eskov, 1992 - SAK: PO\* [Eskov, 1992a].
- Tubercithorax furcifer* Eskov, 1988 - SAK: OK\* [Eskov, 1988c].
- Tunagyna debilis* (Banks, 1892) - PAR\*, SHU\* [Eskov, 1992c; Eskov, Marusik, 1991b].
- Ummeliata angulitubera* (Ol, 1960) - SAK: AN\*, AS, DO\*, TO\*, KH\*. MON. KUN\*, ITU\* [Eskov, 1992c].
- U.osakaensis* (Ol, 1960) - SAK: AN\*, DO. KUN\*, ITU [Eskov, 1992c].
- Victorium putoranicum* Eskov, 1989 - SAK: PO\* [Eskov, 1988b].
- Walckenaeria clavicornis* (Emerton, 1882) - SAK: PO\* [Eskov, 1992c].
- W.cuspidata* (Blackwall, 1833) - SAK: AN, OK\*. SHU\* [Eskov, 1992c].
- W.fraudatrix* Millidge, 1983 - SAK: OK, PO\* [Eskov, 1992c].
- W.fugax* (O.P.-Cambridge, 1871) - SAK: OK\*, PO\* [Eskov, 1992c].
- W.karpinskii* (O.P.-Cambridge, 1873) - SAK: OK\*, PO\* [Eskov, 1992c].
- W.lepida* (Kulczyński, 1885) - SAK: OK\*, PO\*, TO\*. SHU\* [Eskov, 1988a, 1992c].
- W.mayumiae* H.Saito, 1986 - SAK: DO\* [Eskov, 1992c].
- W.mitralata* (Menge, 1868) - SAK: PO\* [Eskov, 1992c].
- W.nishikawai* H.Saito, 1986 - SAK: AN\*. KUN\*, ITU\* [Eskov, 1992c].
- W.nudipalpis* (Westring, 1851) - SAK: PO\*, TO\* [Eskov, 1992c].
- W.picetorum* (Palmgren, 1976) - SAK: AN, KO. ITU.
- Walckenaria* sp. - SAK: AN, OK, PO, KUN\*, ITU [Strand, 1907: as *Wideria antica*].
- Wubanooides enormitus* Tanasevitch, 1988 - SAK: AN\*, OK\* [Tanaevesvitch, 1988; Eskov, Marusik, 1992a].
- W.septentrionalis* (Ol, 1960) - SAK: AN\*, OK, PO\*. MON. KUN\* [Eskov, 1992c; Eskov, Marusik, 1992a].
- Family Tetragnathidae
- Meteuauge kompirensis* (Bösenberg & Strand, 1906) - AN\*, MA, KH\*. KUN\*, SHI [Marusik, 1989].
- M.yunohamensis* (Bösenberg & Strand, 1906) -

*Dolomedes sulfureus* L.Koch, 1878 - KUN.  
D.sp. - SAK: OK.  
*Pisaura lama* Bösenberg & Strand, 1906 - KUN\*  
[Logunov, 1990].

## Family Oxyopidae

*Oxyopes parous* Paik, 1969 - SAK: OK.

## Family Agelenidae

*Coelotes sakhalinensis* Marusik & Logunov, 1991 - SAK: OK\* [Marusik, Logunov, 1991].  
*C. cf. insidiosus* L.Koch - KUN\* [Marusik, Logunov, 1991].

*Cybaeus bam* Marusik & Logunov, 1991 - KUN\* [Marusik, Logunov, 1991].

*C.basarakini* Marusik & Logunov, 1991 - SAK: AN\*, DO, MA\* [Marusik, Logunov, 1991].

*C.kunashirensis* Marusik & Logunov, 1991 - SAK: DO, KUN\* [Marusik, Logunov, 1991].

*Tegenaria domestica* (Clerck, 1757) - ITU\* [Marusik, Logunov, 1991].

## Family Argyronetidae

*Argyroneta aquatica* (Clerck, 1757) - SAK\*: KH  
[Marusik, Logunov, 1991].

## Family Hahnidae

*Cryptoecea silvicola* (C.L.Koch, 1834) - SAK\*: KO, OK, PO [Marusik, Logunov, 1991].

*Hahnia corticicola* (Bösenberg & Strand, 1906) - SAK: MA\* [Marusik, Logunov, 1991].

*H.ononidum* Simon, 1875 - SAK: OK, PO\* [Marusik, Logunov, 1991].

*H.nava* (Blackwall, 1841) - SAK: OK.  
*H. cf. glacialis* Soerensen, 1898. - SAK: MA\*, PO [Marusik, Logunov, 1991; as *H.glacialis*].

## Family Dictynidae

*Dictyna arundinacea* (Linnaeus, 1758) - SAK\*: MA, OK, TO [Marusik, Logunov, 1991].

*D.pusilla* Thorell, 1856 - SAK\*: AN [Marusik, Logunov, 1991].

*D.uncinata* Thorell, 1856 - SAK\*: AN\*, AS, DO, KO, MA, OK, PO, SM, TO [Dunin, 1984b; Marusik, Logunov, 1991].

*Emlynna annulipes* (Blackwall, 1846) - SAK\*: OK [Marusik, Logunov, 1991].

*Lathys bin* Marusik & Logunov, 1991 - SAK: KH, KUN\* [Marusik, Logunov, 1991].

## Family Amaurobiidae

*Cybaeopsis typicus* (Strand, 1907) - SAK: AN\*, AS, DO, KO, MA\*, OK. [Yaginuma, 1987 and Dunin, 1984b; as *Callobius claustrarius*]. MON. ITU\*, KUN\* [Marusik, Logunov, 1991].  
*Titanoeca* sp. - SAK: OK, PO.

## Family Anyphaenidae

*Anyphaena kuriensis* Peelle & Saito, 1932 - ITU\* [Peelle, Saito, 1932a].

*Anyphaena* sp. - SAK: AN, KO, PO, KH, KUN.

## Family Liocranidae

*Agroeca* sp. - SAK: AN.

## Family Clubionidae

*Chiracanthium erraticum* (Walckenaer, 1802) - SAK: AN, KH, OK, PO.

*Clubiona bakurovi* Mikhailov, 1990 - SAK: MA\* [Mikhailov, 1990].

*C.basarakini* Mikhailov, 1990 - SAK: DO\* [Mikhailov, 1990].

*C.caerulescens* L.Koch, 1866 - SAK\*: AN\* [Mikhailov, 1991, 1992; Yaginuma, 1977].

*C.charitonovi* Mikhailov, 1990 - SAK: KO\*, MA\*, KUN\* [Mikhailov, 1990, 1992].

*C.diversa* O.P.-Cambridge, 1862 - SAK: KH, OK.

*C.ezoensis* Hayashi, 1987 - SAK: AS\*, KO, MA\*, OK\*, KH\*. KUN\*, ITU [Mikhailov, 1991, 1992].

*C.flavipes* (Saito, 1939) - SAK: AN\*, KH\*. KUN\* [Mikhailov, 1990, 1992].

*C.interjecta* L.Koch, 1879 - SAK: AN\*, DO\*, OK\*, PO\* [Mikhailov, 1991].

*C.irinae* Mikhailov, 1991 - SAK: AN\*, AS\*, KH, MA\*, NO, PO\*, SM\* [Mikhailov, 1991].

*C.jucunda* (Karsch, 1879) - KUN\* [Mikhailov, 1992].

*C.kulczynskii* Lessert, 1905 - SAK: AN\* [Mikhailov, 1992], DO, OK\* [Mikhailov, 1991].

*C.kunashirensis* Mikhailov, 1990 - MON. ITU\* [Mikhailov, 1992], KUN\* [Mikhailov, 1990; 1991, as *C.lyubarshii*].

*C.kurilensis* Bösenberg & Strand, 1906 - SAK: AN\*, DO, KO\*. KUN\* [Mikhailov, 1990] ITU\* [Bösenberg, Strand, 1906].

*C.latericia* Kulczynski, 1885 - SAK: DO\* [Mikhailov, 1990].

## Check-list of spiders from Sakhalin and Kurile Islands.

SAK\* [Yaginuma, 1977]. KUN\* [Marusik, 1989].

*Pachygnatha clercki* Sundevall, 1823 - SAK: AN, AS, KO, NO, OK, TO.

*P.listeri* Sundevall, 1830 - SAK: AS, OK, PO.

*Pachygnatha* sp. - SAK: KH, KO, TO.

*Tetragnatha dearmita* Thorell, 1873 - SAK: AS, DO, KO, MA, KUN.

*Textensa* (Linnaeus, 1758) - SAK\*: AN, AS, DO, KO, MA, TO, TY, KH. KUN [Yaginuma, 1977], ITU\* [Peelle, Saito, 1932a].

*T.pinicola* L.Koch, 1870 - SAK\*: AS, DO, MA, OK, KUN, SHI.

*T.yesoensis* Saito, 1934 - SAK\*: AN, DO, KO, MA, KUN [Saito, 1934: as *T.squamata*].

## Family Araneidae

*Aculepeira carbonarioides* (Keyserling, 1882) - SAK: MA.

*A.packardi* (Thorell, 1875) - SAK: NO, OK.

*Araneus* cf. *arcopictus* Schenkel, 1953 - SAK: TO, KUN.

*A.diadematus* Clerck, 1757 - SAK\*: AS, DO, MA, SM, KUN [Yaginuma, 1977].

*A. cf. macacus* Uemura, 1961 - SAK: AN, KUN.

*A.marmoreus* Clerck, 1757 - SAK\*: AN, KO, OK, PO, KUN [Yaginuma, 1977].

*A.pinguis* (Karsch, 1879) - SAK\*: AN, NO, TO, UG, KUN [Marusik, 1989].

*A.quadratus* Clerck, 1757? - SAK: OK.

*A.uyemurai* Yaginuma, 1960 - KUN.

*A.ventricosus* L.Koch, 1878 - SAK\*: AN [Yaginuma, 1977].

*Araneus* sp. I - SAK: OK.

*Araneus* sp.2 - SAK: UG, KUN.

*Araneus* sp.3 - SAK: AN.

*Araneus* sp.4 - SAK: DO.

*Araniella displicata* (Hentz, 1847) - SAK: AS, KH, OK.

*Araniella* sp. - SAK: AN, DO, KO, MA, TO, KH, KUN, ITU, PAR, SHI.

*Atea schrenki* (Grube, 1861) - SAK: AN, AS, DO, KO, OK?, TO, TY, KH, KUN, SHI.

*Cyclosa conica* (Pallas, 1772) - SAK: OK.

*Cyclosa* sp.1 - KUN.

*Cyclosa* sp.2 - SAK: KH, KUN.

*Gibaranea abscissa* (Karsch, 1879) - SAK\*: AN, KO, MA, KH [Marusik, 1989].

*Hyposinga albovittata* (Westring, 1851) - SAK: OK.

*H.sanguinea* (C.L.Koch, 1844) - SAK\*: AN, KO, MA, KH, SHI [Yaginuma, 1977].

*H. cf. sanguinea* (C.L.Koch, 1844) - SAK: AN, KH, KO, MA, KUN.

*Larinoides cornutus* (Clerck, 1757) - SAK\*:

AN, AS, NO, OK, KUN, PAR [Yaginuma, 1977].

*L.patagiatus* (Clerck, 1757) - SAK\*: AN, AS, DO, MA, NO, OK, PO, TO, ITU\* [Peelle, Saito, 1932a].

*Neoscona adianta* (Walckenaer, 1802) - SAK\* [Yaginuma, 1977].

*Pronous minutus* (Salto, 1939) - SAK: AN, TO\*, KH\*. KUN\* [Marusik, 1989].

*Singa hamata* (Clerck, 1757) - SAK: AN, AS, KH, MA, SM.

*S.nitidula* (C.L.Koch, 1845) ? - SAK: NO.

*Zilla sakhalinensis* (Saito, 1934) - SAK\*: AN, AS, DO, KH, KO, TO, KUN\* [Yaginuma, 1977; Marusik, 1989].

*Zygella dispar* (Kulczynski, 1885) - SAK\*: AS, KO\*, MA, OK, SM, KUN\*, SHI [Marusik, 1989]. Northern Kurile Islands [Saito, 1932: as *Z.montana*].

## Family Lycosidae

*Arctosa kawabe* Tanaka, 1985 - SAK: AN, DO.

*Lycosa ishikariana* (Saito, 1934) - KUN.

*Pardosa astrigera* (L.Koch, 1878) - SAK: DO, ITU.

*P. cf. atrata* (Thorell, 1873) - SAK: AN.

*P. cf. chionophila* L.Koch, 1879, 1 - SAK: AN, DO, KO, MA, TO, ITU, KUN.

*P. cf. chionophila* L.Koch, 1879, 2 - SAK: AN, DO, MA.

*P. cf. chionophila* L.Koch, 1879, 3 - SAK.

*P. cf. eiseni* (Thorell, 1875) - SAK: OK.

*P.lugubris* (Walckenaer, 1802) - SAK: AN, AS, KO, MA, NO, OK, PO, SM, TO, KH, KUN.

*P.palustris* (Linnaeus, 1758) - SAK: OK, UG, KUN, PAR, SHU, Kurile Islands [Yaginuma, 1977].

*P.plumipes* (Thorell, 1875) - SAK: AN, DO, KO, KUN.

*P.riparia* (C.L.Koch, 1833) - SAK: AS, TY, Kurile Islands [Saito, 1935].

*Pirata piraticus* (Clerck, 1757) - SAK: AN.

*P.yaginumai* Tanaka, 1974 - SAK: AN, DO.

*Tarentula aculeata* (Clerck, 1757) - SAK: OK.

*T. cf. borea* Kulczynski, 1908 - SAK: OK.

*T.cuneata* (Clerck, 1757) - SAK: AN.

*T.pulverulenta* (Clerck, 1757) - SAK: AN, DO, KO, MA, TO, KUN.

*Trochosa terricola* Thorell, 1856 - SAK\*: AN, MA, OK, TO, KUN, ITU, URU, PAR, SHU, [Yaginuma, 1977].

*Xerolycosa nemoralis* (Westring, 1861) - SAK: AN, AS, KH, KO, MA, OK, KUN, ITU.

## Family Pisauridae

*C.lutescens* Westring, 1861 ? - SAK\* [Yaginuma, 1977].

*C.pallidula* (Clerck, 1757) - SAK: AN\* [Mikhailov, 1992].

*C.propinqua* L.Koch, 1879 - SAK: AN\* [Mikhailov, 1991].

*C.pseudogermanica* Schenkel, 1936 - SAK: AN\*, AS\*, DO, KH, KO, OK\*, TY\*. KUN\*, ITU, SHU\* [Mikhailov, 1991, 1992].

*C.riparia* L.Koch, 1866 - SAK: AN\*, AS\*, DO, KO\*, NO, OK, PO\*. KUN\* [Mikhailov, 1990], ITU\* [Peelle, Saito, 1932a, as *C.badia*], PAR\*, SHU\* [Mikhailov, 1992].

*C.sapporensis* Hayashi, 1986 - SAK: AS\*, DO, MA\*. KUN\* [Mikhailov, 1990], ITU\*, URU [Mikhailov, 1992].

*C.sopaiensis* Paik, 1990 - SAK: SM\* [Mikhailov, 1991].

*C.subtilis* L.Koch, 1866 - SAK: MA.

*C.trivialis* C.L.Koch, 1843 - SAK: AN\*, OK [Mikhailov, 1992].

*C.tsurusakii* Hayashi, 1987 - KUN\* [Mikhailov, 1992].

*C.vigil* Karsch, 1879 - KUN\* [Mikhailov, 1990].

#### Family Gnaphosidae

*Drassodes lapidosus* (Walckenaer, 1802) - KUN.

*D.neglectus* Keyserling, 1887 - SAK: OK.

*Drassodes* sp. - SAK: OK.

*Drassylus pusillus* (C.L.Koch, 1833) - SAK: DO. KUN.

*Gnaphosa inconspecta* Simon, 1878 - SAK: OK.

*G.kompirensis* Bösenberg & Strand, 1906 - SAK: AN, DO, POK.

*G.muscorum* (L.Koch, 1866) - SAK: AN, DO.

*G.nigerrima* L.Koch, 1878 - SAK: OK.

*G.proxima* Kulczynski, 1908 - SAK: OK.

*G.sticta* Kulczynski, 1908 - SAK: AN, OK.

*Haplodrassus moderatus* (Kulczynski, 1897) ? - SAK: AN, PO.

*H.signifer* (C.L.Koch, 1839) - SAK: AN, PAR.

*Micaria pulicaria* (Sundevall, 1831) - SAK: OK.

*Poecilochroa* sp.1 - SAK: AN.

*Poecilochroa* sp.2 - KUN.

*Zelotes fratris* Chamberlin, 1920 - SAK: OK.

*Z.sula* Lowrie & Gertsch, 1955 - SAK: AN, KUN.

#### Family Zoridae

*Zora cf. nemoralis* (Blackwall, 1861) - SAK: OK.

*Z. cf. spinimana* (Sundevall, 1832) - SAK: AN.

#### Family Heteropodidae

*Micrommata virescens* (Clerck, 1757) ? - SAK: AN, KU, OK.

#### Family Philodromidae

*Philodromus argy* Marusik, 1991 - SAK: KH.

*P.aureolus* (Clerck, 1757) - SAK: AN, AS, KH,

KO, OK, PO, TO. ITU, KUN.

*P.buxi* Simon, 1884 - SAK: AN.

*P.cespitum* (Walckenaer, 1802) - SAK: AN, AS,

KH, KO, OK, TY, UG, KUN.

*P.emarginatus* (Schrank, 1803) - KUN.

*P.fuscomarginatus* (De Geer, 1778) - SAK: OK.

*P.margaritatus* (Clerck, 1757) - SAK: AN, TO.

*P.rufus* Walckenaer, 1828 - SAK\*: AN, DO, OK.

ITU [Yaginuma, 1977].

*Thanatus albomaculatus* Kulczynski, 1908 - SAK: OK.

*T.formicinus* (Clerck, 1757)? - SAK: OK.

*Tibellus maritimus* (Menge, 1875) - SAK: DO,

KH, KO, NO, OK, KH.

*T.oblongus* (Walckenaer, 1802) - SAK: AN, AS,

DO, KH, KO, MA, OK, TO, UG. ITU, KUN, SHI\*

[Peelle, Saito, 1932b].

#### Family Thomisidae

*Coriarachne depressa* (C.L.Koch, 1837) - SAK: OK.

*Diaeia subdola* O.P.-Cambridge, 1885 - SAK:

AN\*, KUN\* [Ono et al., 1990].

*Lysiteles coronatus* (Grube, 1861) - SAK: AN\*,

DO, KH\*. ITU\*, KUN\* [Ono et al., 1990].

*L.maius* Ono, 1979 - SAK: AN\*, DO\*, KO, MA,

SM\*, TO\*, KH\*. KUN\* [Marusik, 1989; Ono et al.,

1990].

*Misumena vatia* (Clerck, 1757) - SAK\*: AN\*,

AS\*, DO\*, KH, KO\*, MA\*, OK, SM\* [Yaginuma,

1977; Ono et al., 1990].

*Misumenops tricuspidatus* (Fabricius, 1775) -

SAK: AN\*, DO, KH, KO\*, TO\*, KH\*. MON. KUN\*

[Ono et al., 1990].

*Oxyptila atomaria* (Panzer, 1810) - SAK: KO\*,

PO\*, OK\* [Ono et al., 1990].

*O.balkarica* Ovtsharenko, 1979 - SAK: OK\*

[Ono et al., 1990].

*O.sakhalinensis* Ono, Marusik & Logunov, 1990

- SAK: AN, OK\*, PO\* [Ono et al., 1990].

*O.sincera* Kulczynski, 1926 - SAK: AN\*, KO\*,

PO\*, TO\* [Ono et al., 1990].

*O.trux* (Blackwall, 1846) - SHU\* [Ono et al.,

1990].

*Oxytate striatipes* L.Koch, 1878 - SAK: AN\*. KUN [Ono et al., 1990].

*Pistius undulatus* Karsch, 1879 - SAK: AN\*. KUN\* [Ono et al., 1990].

*Tmarus* sp. - SAK: AN, OK.

*Xysticus albidus* Grese, 1909 - SAK: OK.

*X.audax* (Schrank, 1803) - SAK: AN\*, AS\*, DO\*, KH, KO\*, NO, OK, PO\*, TO\*. KUN\* [Ono et al., 1990].

*X.britcheri* Gertsch, 1934 - SAK: OK.

*X.emertoni* Keyserling, 1880 - SAK: AN, OK.

*X.epehiptius* Simon, 1880 - SAK: AN\*, KO\*. KUN\* [Ono et al., 1990].

*X.kurilensis* Strand, 1907 - SAK: AN\*, DO\*. ITU\* [Strand, 1907], KUN\* [Ono et al., 1990].

*X.lepnevae* Utotchkina, 1968 - SAK: AS\*, TO\* [Ono et al., 1990].

*X.luctuosus* (Blackwall, 1836) - SAK: MA\*, OK, PO\* [Ono et al., 1990].

*X.rostratus* Ono, 1988 - SAK: AN\*, DO\*, TO\*. KUN\* [Ono et al., 1990].

*X.saganus* Bösenberg & Strand, 1906 - KUN.

*X.sibiricus* Kulczynski, 1908 - SAK: PO\* [Ono et al., 1990].

#### Family Salticidae

*Bianor aurocinctus* (Ohlert, 1865) - SAK: AN\*, KO\*, OK, SM\* [Logunov, Marusik, 1991].

*Carrhotus xanthogramma* (Latreille, 1819) - KUN.

*Dendryphantes fusconotatus* (Grube, 1861) - SAK: OK.

*D.rudis* (Sundevall, 1832) - SAK: OK.

*Euophrys frontalis* (Walckenaer, 1802) - SAK: AN.

*E.iwatensis* Bohdanovicz & Proszynski, 1987 - SAK: DO, MA.

*Evarcha albaria* (L.Koch, 1878) - KUN.

*E.arcuata* (Clerck, 1757) - SAK\*: AN. KUN [Dunin, 1984a].

*E.falcata* (Clerck, 1757) - SAK: AN\*, DO, KH, KO\*, MA, OK, PO, SM, KH\*. KUN [Dunin, 1984a].

*E.laetabunda* (C.L.Koch, 1836) - SAK: OK.

*Heliophanus camtschadalicus* Kulczynski, 1885 - SAK: OK, UG.

*H.dubius* C.L.Koch, 1831 - SAK: AN, KO, MA.

*H.lineiventris* Simon, 1868 - SAK\*: AN, KO. KUN [Dunin, 1984a].

*H.ussuricus* Kulczynski, 1895 - SAK\*: AN, AS, DO, KO, KH, MA, OK, TO, UG. ITU, KUN\* [Wesolowska, Marusik, 1990].

*Marpissa elongata* (Karsch, 1879) - KUN.

*Marpissa pomatia* (Walckenaer, 1802) - SAK:

AN, DO, KO, MA, NE\*, OK. ITU, KUN\* [Dunin, 1984a].

*Myrmarachne formicaria* (De Geer, 1778) - MON. KUN\* [Dunin, 1984a].

*Neon reticulatus* (Blackwall, 1855) - SAK: AN, DO, KH. ITU.

*Phintella linea* (Karsch, 1879) - SAK\*: AN, KH. KUN [Bösenberg & Strand, 1906; Dunin, 1984a; as *P.abnormis*].

*P.castrisiana* (Grube, 1861) - SAK: AN\*, DO, KO, NE\*, KH. MON. ITU, KUN [Dunin, 1984a].

*Pseudicius vulpes* (Grube, 1861) - SAK\*: AN, AS, DO, KH. KUN [Dunin, 1984a].

*Sitticus caricus* (Westring, 1861) - SAK: OK.

*S.jinschi* (L.Koch, 1879) - SAK: OK.

*S.penicillatus* (Simon, 1875) - SAK: KH.

*S.saxicola* (C.L.Koch, 1848) - SAK: AN, DO, KH, OK, TO.

*Sitticus* sp. - SAK: AN, OK, TO.

*Synageles venator* (Lucas, 1836) - SAK: AN, DO, KH, KO, OK.

*Synagelides agoriformis* Strand, 1906 - KUN.

*Yaginumaella medvedevi* Proszynski, 1979 - KUN\* [Proszynski, 1979].

*Y.striatipes* (Grube, 1861) - SAK\*: AN, AS, DO, KH, KO, NE\*, TO. MON. ITU, KUN [Dunin, 1984a].

The records of *Linyphia yonochamaensis* Bösenberg & Strand, 1906 in Sakhalin by Peelle & Saito [1932b] has been referred to *L.emphana* by Helsdingen [1969]. The records of *Leptyphantes angulipalpis* (Westring, 1851) and *L.collinus* (L.Koch, 1872) in Sakhalin by Saito [1935b] has been referred to *L.karpinski* and *L.nebulosus*, respectively, by Tanasevitch & Eskov [1987]. The record of *Araeoncus humilis* (Blackwall, 1841) in Iturup by Peelle & Saito [1932a] have been stated as a misidentification by Eskov [1992a].

A list of dubious species which are not mentioned in our check-list, but recorded by Japanese arachnologists (1924-1937):

*Araneus cucurbitinus* Linnaeus (= *Araniella c.*); *A.inconspicua* Simon (= *Araniella i.*); *A.nordmanni* Thorell; *A.omoeda* Thorell (*Gibbaranea o.*); *Araneus thaddeus* (Hentz); *A.triguttatus* Fabricius; *A.uchidai* Kishida; *Arctosa cinerea* (Fabricius); *Chiracanthium fascivium* Karsch; *C.brevipes* Blackwall; *C.frutetorum* L.Koch; *C.perforata* Peelle & Saito, 1932; *C.phragmitis* C.L.Koch; *Coelotes carafensis* Kishida; *Gayenna sachalinensis* Saito, 1935 (= *Stemmops*?); *Icius nigra* Peelle & Saito, 1932; *Lycosa avida* Walckenaer; *L.chisimensis* Saito, 1932 (= *P.palustris*?); *L.doenitzii* Bösenberg

& Strand; *L.t.-insignita* Bösenberg & Strand (= *P.astrigera* L.Koch); *Meta segmentata* (Clerck); *Misumena aleatoria* (Hentz); *M.lutea* Peele & Saito, 1933; *Philodromus obsoleti* Peele & Saito, 1933; *Pirata montanus* Emerton; *Tetragnatha solandri* (Scopoli) (= *T.montana* Simon); *Theridion aratense* Saito, 1932 (= *Stemonyphantes lineatus sibiricus* (Grube)?); *T.formosum* (Clerck); *Theridiosoma gemmosum* L.Koch; *Theridula albipes* Saito, 1935 (= *Teridion rapulum* Yaginuma ?); *Tibellus tenellus* (L.Koch); *Trochosa lapidicola* (Hahn); *Xysticus limbatus* Keyserling; *X.pini* Hahn; *X.triguttatus* Keyserling; *Zygilla atrica* L.Koch; *Z.montana* (C.L.Koch); *Z.x-notata* (Clerck).

In addition, one of the authors (KE) takes the opportunity to correct some previous misidentifications in the Far Eastern linyphiids.

1. All records of *Centromerus clarus* (L.Koch) in the 7 localities in Cisamuria, Maritime Province and Sakhalin [Eskov, 1992c] should be referred to *C.pacificus* Eskov & Marusik.

2. The reference of both records of *Hypomma bituberculata* (Wider) in Sakhalin [Eskov, 1988a, 1992c] to *H.affinis* Schenkel has already been provided by Eskov [1992b]. In addition, all records of both *H.bituberculata* (Wider) and *H.cornuta* (Blackwall) from Iturup, Kunashir and Shumshu islands [Eskov, 1992c] should be referred to *H.affinis* as well.

3. The record of *Leptophantes bipilis* Kulczynski in Sakhalin [Eskov, 1992c] should be referred to *L.cognatus* Tanasevitch.

4. The record of *Entelecara errata* O.P.Cambridge in Bolshe-Khekhtsyrskiy Reserve [Eskov, 1992c] should be referred to *E.erythropus* (Westring).

5. All the Far Eastern records of *Bathyphantes magnificus* (Chamberlin & Ivie) [Eskov, 1992c] should be referred to an yet undescribed species, *Bathyphantes* sp.

6. All the Far Eastern records of both *Scotinotylus gracilis* Millidge and *S.sacratulus* Millidge [Eskov, 1992c] should be referred to a yet undescribed species, *Scotinotylus* sp.

7. All the records of *Hypselistes jacksoni* (O.P.-Cambridge) in Sakhalin and Shumshu, as well as of *H.semiflavus* (L.Koch) in Sakhalin [Eskov, 1992c] should be referred to a yet undescribed species, *Hypselistes* sp. The record of *H.jacksoni* in Shumshu [Eskov, 1992c] should be referred to *H.semiflavus*.

7. The following conclusions are provided based on a restudy of the Kamtchatka collection of Sytshevskaja [1935] kept in the Zoological Museum

of the Moscow State University: *Hypomma bituberculata* (Wider) is in fact *H.affinis* Schenkel; *Dismodicus bifrons* (Blackwall) = *D.alticeps* Chamberlin & Ivie; *Syedra gracilis* (Menge) = *Agyagenta* sp. (female: most probably *A.similis* (Kulczynski)); *Entelecara media* (Kulczynski) = *Erigonidium graminicolum* (Sundevall, 1829); *Stemonyphantes bucculentus* (Linne) = *S.lineatus sibiricus* (Grube); *Erigone psychrophila* Thorell = *E.simillima* Keyserling, 1886; *Erigone arctica* White = *Erigone atra* Blackwall; *Gnathonarium taczanowskii* (O.P.Cambridge) (part) = *G.suppositum* (Kulczynski); the material of *Pocadicnemis prominens* Simon (= *Lasiargus hirsutus* (Menge)) has not been found. Several misidentifications by Sytshevskaja [1935] have already been corrected by Eskov [1986, 1987a, b], Eskov & Marusik [1991b], Tanasevitch & Eskov [1987].

8. The following records from Kamtchatka by Kulczynskii [1885, 1926] seem to be misidentifications (the materials have not been found in the Institute of Zoology, Warsaw, and appears to be lost): *Hypomma bituberculata* is in fact *H.affinis*, *Dismodicus elevatus* = *D.bifrons*. The record of *Diplocephalus cristatus* (Blackwall) [Kulczynski, 1885] seems to refer in fact to *D.sphagnicolus* Eskov; the latter was recently found in Kamtchatka (1 ♀ - Kamtchatka River, Esso, 1.VI.1991, leg. T.Pavlenko). In addition, the inadequately described *Gonatum convexum* Kulczynski, 1885 is stated now as a *nomen dubium*, due to the apparent lost of type material.

9. The record of *Meioneta rurestris* (C.L.Koch) in Maritime Province by Sternbergs [1988], based on a single female, is a doubtless misidentification.

10. The record of *Walckenaria antica* (Wider) in Kunashir by Strand [1907] seems to refer in fact to a yet undescribed species, i.e. *Walckenaria* sp. (closely related to both *W.antica* and *W.fraudatrix* Millidge). *Linyphia amurensis* Strand, 1907 from Amur River, described from an inadult specimen, is stated now as a *nomen dubium*. Some misidentifications by Strand [1907] have been corrected by Eskov [1992a].

11. The records of *Bolyphantes crucifer* (Menge), *Linyphia amurensis* Strand and *Meioneta rurestris* (C.L.Koch) in Cisamuria by Azheganova & Stenchenko [1977] are doubtless misidentifications. The absence of that collection in the Department of Entomology of the Perm State University (Dr. S.L.Esyunin, personal communication) does not allow to re-identify the above materials. Some misidentifications by Azheganova & Stenchenko [1977] have already been corrected by Tanasevitch & Eskov [1987] and Eskov & Marusik [1992b].

12. The following three species were described inadequately by Grube [1861] from Cisamuria, i.e. *Linyphia albomaculata*, *Linyphia melanopleuros* and *Micryphantes miniatus*. The types of these species have been found neither in the Natural History Museum at Wroclaw [Helsdingen, 1978; Wesolowska, 1988] nor in the Zoological Museum, St.Petersburg [Ovtsharenko & Marusik, 1992], and seem to be lost. We consider now all these species as *nomina dubia*.

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