

A synopsis of the jumping spider fauna in the Russian Far East (Araneae, Salticidae)

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A revised check-list of the jumping spiders in the Russian Far East is given. Altogether, 82 valid species are listed on the basis of literature and examination of new materials. Besides, 15 species previously reported from the area are considered to be wrong or doubtful records. All literature records from the Russian Far East with original nomenclature are included, and the collection localities are shown on maps.

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1. Introduction

The earliest records of the jumping spiders in the Russian Far East were by Grube (1861), who described 9 valid species from Cisamuria. Thereafter the Salticidae of the area at hand got only little attention (Kulczynski 1885, 1895, 1926, Schenkel 1930, Peelle & Saito 1933, Sytshevskaja 1935) until the important publication of Prószynski (1979) on the Salticidae of the USSR was published. The latter work doubtless laid investigations of the salticids in Russia on a regular base and, as a result, the first faunistic review of the jumping spiders in the Russian Far East numbering 51 species was soon published (Dunin 1984).

Since then, a number of taxonomic and faunistic works on the Salticidae in the Russian Far

East have been published (Marusik 1988, Logunov & Wesolowska 1992, 1995, Logunov *et al.* 1993, Logunov 1998a, 1998b, Logunov & Marusik 1991, 1994, 1999b; etc.). Recent regional check-lists of spiders (e.g. Marusik *et al.* 1992, 1993) also included valuable information about the Salticidae. The present paper thus gives a full up-to-date account of the 82 salticid species recorded in the Russian Far East, including both original and literature data. Besides, 15 doubtful and/or wrong records are specially discussed.

2. Material and methods

The Russian Far East is accepted as the territory lying to the east of Yakutia (=Yakut Saha Republic) and the Chita Area

(Fig. 1, A). Subdivision of the area and almost all studied localities are shown in Figs. 1-2. In the text, each locality is followed by the respective number in square brackets ([]) and referring to the locality number in Figs. 1-2. The few localities put in quotes «» refer to those we have been unable to find on available maps; in most cases their published spelling was wrong or/and they reflect old names, which have been changed during last decades. The section «Localities» under each species includes all the literature data, while all new area/province records are given in «Material examined». The up-to-date check-list of species is preceded by the list of wrong or/and doubtful records (15 altogether).

Only relevant literature concerning the spider fauna of the territory studied is included in the text. For a complete list of taxonomic sources for each species involved, see Prószynski (1990).

The studied or revised specimens are shared between the following museums:

FSCA - Florida State Collection of Arthropods FDACS, Division of Plant Industry, Gainesville, Florida, U.S.A;

ISEA - Institute for Systematics and Ecology of Animals, Novosibirsk, Russia;

SMNH - Swedish Museum of Natural History, Stockholm, Sweden;

ZISP - Zoological Institute, St-Petersburg, Russia;

ZMMU - Zoological Museum of the Moscow State University, Moscow, Russia;

ZMTU - Zoological Museum of the University of Turku, Turku, Finland.

The names of most collectors are abbreviated as follows: V.D. - V.V. Dubatolov; K.E. - K.Yu. Eskov; K.M. - K.G. Mikhailov; T.O. - T.I. Olinger; S.G. - S.I. Golovatch; Y.M. - Yu.M. Marusik; S.K. - S. Koponen. Other abbreviations used are: Isl. - Island; Res. - Reservation.

3. Wrong and/or doubtful records

Chalcoscirtus micans (Caporiacco, 1935). *C. micans* was reported for Magadan Area by Marusik (1988), but later this species was shown (Marusik 1991) to be a junior synonym of *C. glacialis*.

Evarcha falcata (Clerck, 1758). All the former records of *E. falcata* from the Russian Far East (Kulczynski 1885, Sytshevskaja 1935, Azheganova & Stenchenko 1977, Prószynski 1979, Dunin 1984, Logunov & Wesolowska 1992, Marusik *et al.* 1992, Marusik *et al.* 1993, Kim & Kurenschikov 1995) in reality belong to *E. proszynskii*. For more details, see Marusik & Logunov (1998).

Icius nigra Peelle & Saito, 1933. This species was described from the Kurile Islands (Iturup) (Peelle & Saito 1933) and since that time has not ever been reported. The type of this species, like the most Saito's types, seems to be lost and hence

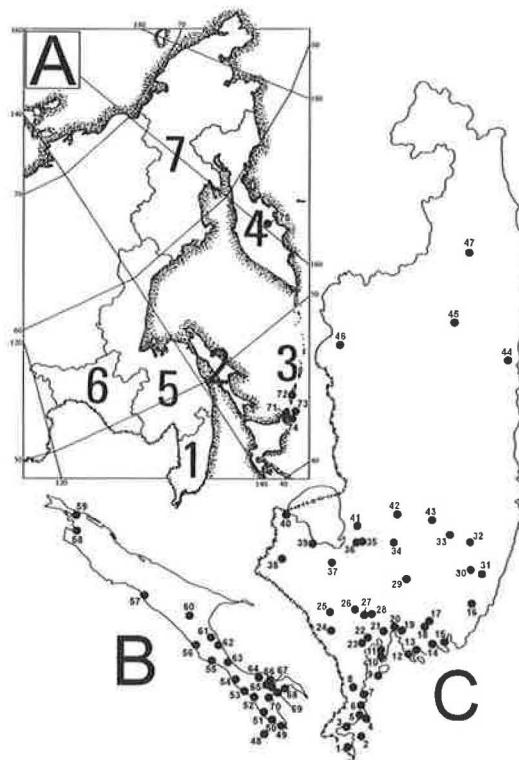


Fig. 1. Administrative subdivision of the Russian Far East (A) and collecting localities in Sakhalin (B), Maritime Province (C), Kurile Islands (3 in A) and Kamchatka (4 in A). — A: Administrative units 1. Maritime Province; 2. Sakhalin; 3. Kurile Islands; 4. Kamchatka; 5. Khabarovsk Province; 6. Amur Area; 7. Magadan Area. — B-C: Collecting localities C: Maritime Province: 1. Khasan; 2. Furugel'ma Isl.; 3. Pos'et Bay; 4. Gamova Peninsula; 5. Andreevka; 6. Ryazanovka; 7. Slavyanka; 8. Kedrovaya Pad'Res.; 9. Popova Isl.; 10. Vladivostok; 11. Sadgorod, 12. Tikhookeanskiy; 13. Domashlino; 14. Dushkino; 15. Nakhodka; 16. Tchistovodnoe; 17. Tigrovoi; 18. Anisimovka; 19. Smolyaninovo; 20. Shkotovo; 21. Artem; 22. Kiparisovo; 23. Vinevitino; 24. Monakino; 25. Pokrovka; 26. Ussuriysk; 27. Gornotaehznoe; 28. Ussuriysky Res.; 29. Vinogradovka; 30. Lazo Town; 31. Lazo Res.; 32. Oblachnaya Mt.; 33. Pravaya Izvilinka River; 34. Chernyshevka; 35. Merkushevka; 36. Dmitrievka; 37. Khorol'; 38. Barabash-Levada; 39. Kamen'-Rybolov; 40. Tury Rog; 41. Spassk-Dal'niy; 42. Yakovlevka; 43. Chuguevka; 44. Sikhote-Alin' Res.; 45. Blagodatnyi; 46. middle reaches of Bikin River; 47. Ulunga River. — B: Sakhalin: 48. Moneron Isl.; 49. Kril'on Peninsula; 50. Kuznetsovo; 51. Nevel'sk; 52. Kholmsk; 53. Kostromskoe; 54. Tomari; 55. Ainskoe Lake; 56. Uglegorsk; 57. Alexandrovsk-Sakhalinsk; 58. Beryozovka River; 59. Okha; 60. Smirnykh; 61. Nitui River; 62. Makarov; 63. Pugatchevo; 64. Dolinsk; 65. Novo-Alexandrovsk; 66. Chekhov's Peak; 67. Yuzhno-Sakhalinsk; 68. Ozerskiy; 69. Korsakov; 70. Aniva. — A: Kurile Islands: 71. Kunashir Isl.; 72. Iturup Isl.; 73. Shikotan Isl.; 74. Zelyonyi Isl. — A: Kamchatka: 75. Klyuchevskoe.

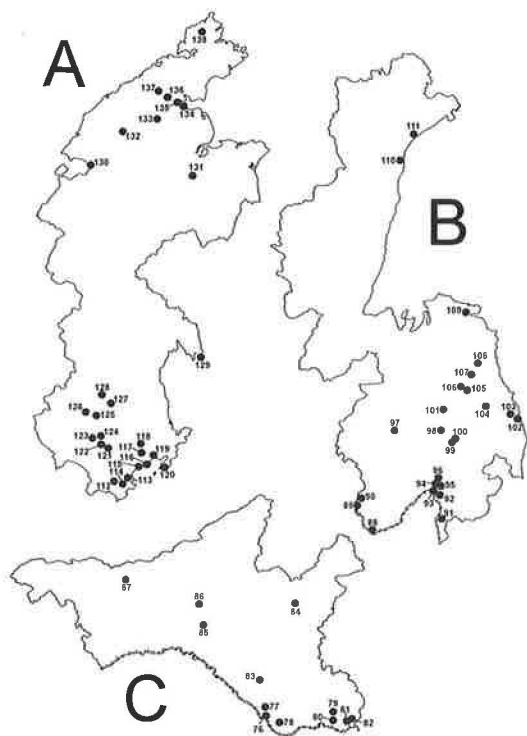


Fig. 2. Collecting localities in Magadan Area (A), Khabarovsk Province (B) and Amur Area (C). — C: Amur Area: 76. Blagoveshchensk; 77. Belogorie; 78. Sadovoe; 79. Arkhara; 80. Lebedinskoe Lake; 81. Khangan Res.; 82. Kundur; 83. Malaya Sezanka; 84. Selomedzhinsk; 85. Ulunga River; 86. Zeisky Res.; 87. Tyndinskiy. — B: Khabarovsk Province: 88. ca. 409 km of Khabarovsk; 89. Pashkovo; 90. Obluchie; 91. Boitsovo; 92. Kiya River; 93. Bolsjoi Khetsyr Mt. Range; 94. Priamurskaya Station; 95. Korfovskiy; 96. Kabarovsk, Zelyony Isl. and Rybachiy Isl.; 97. Mogdy River, Badzhal Mts; 98. Bolon' Lake; 99. Troitskoe; 100. Slavyanka; 101. Komsomol'sk-na-Amure; 102. Vanino; 103. Akur River; 104. Vysokogornyi; 105. Uktur River; 106. Nizhnetambovskoe; 107. Tsymmermanovka; 108. Sofiysk; 109. Nikolaevsk-na-Amure; 110. Ulia River; 111. Okhotsk. — A: Magadan Area: 112. the middle reaches of Cholomdzha River; 113. Talon Town; 114. Kava River; 115. Arman' Pass; 116. Magadan, Dukcha River; 117. Yablonevy; 118. the upper reaches of Ola River, Talaya River mouth; 119. Gadlya; 120. Koni Peninsula; 121. Ust'-Ortchug, Detrin River basin; 122. Vakkhanka River mouth; 123. Sibit Tyel-lakh River basin, Kyunebellakh spring; 124. Vetrennyi; 125. Kulu, Kontakt Field Station; 126. Shirokiy; 127. Ust'-Srednekan; 128. Seimtchan Town; 129. Taigonos Peninsula; 130. Chaun Bay; 131. Anadyr' River; 132. Bol'shaya Osinovaya River; 133 - Vul'vyveem River; 134 - Kresta Bay; 135. Egvekinot; 136. Amguema River; 137. 164th km Egvekinot-lul'tin; 138. the middle reaches of Chegintun' River.

cannot be re-examined. However, even from the original figures of Peelle & Saito (1933), it is evident that the species does not belong to *Icius* but seems to be a member of *Phintella*. The validity of *Icius nigra* needs a further study and confirmation.

Marpissa pichoni (Schenkel, 1963). This species was once reported from the Maritime Province by Dunin (1984). However, this specific name is known (for details, see Logunov 1999) to be one of the junior synonyms of *Mendoza canestrinii*.

Marpissa radiata (Grube, 1859). This species was once reported from Kamchatka by Sytsheskaja (1935). However, this record is to be confirmed by the pertinent material, as it seemed to belong to *M. pomatia*. *M. radiata* is known (Logunov 1996) to spread eastward approximately to the Lake Baikal only.

Mendoza pulchra Prószyński, 1976. The record of *Marpissa pulchra* from the Khabarovsk Province, Pashkovo (Kim & Kurenshchikov 1995) is in need of confirmation. According to Logunov (1999), *M. pulchra* seems to be a junior synonym of *Mendoza nobilis*, while all the former records of *Marpissa pulchra* from the Russian Far East (e.g. Logunov & Wesolowska 1992) turned out to belong to either *Mendoza nobilis* or *M. elongata*.

Myrmarachne japonica (Karsch, 1879). This species was once reported from the Maritime Province (Lazo Res.) by Oliger (1984). However, from the published figures (op. cit.: figs. 1-2), it is clear that the author dealt with *M. lugubris*, as Yaginuma (1986: fig. 134.1) did as well. *M. japonica*, as shown by Prószyński (1973), was described from subadult males and their conspecificity with all the specimens recently reported/re-described under this name (e.g. Oliger 1984, Song 1987) needs a careful revision. Another matter to be revised in the future is a possible conspecificity of *M. japonica* and *M. lugubris*.

Myrmarachne inermichelis Bösenberg & Strand, 1906. *M. lugubris* was erroneously reported by Oliger (1984) from the Russian Far East (Lazo Res.) under the name *M. inermichelis* (Oliger's specimens re-examined). The latter species has so far been reported from Japan and Taiwan only (Prószyński 1990).

Phintella abnormis (Bösenberg & Strand, 1906). All the records of this species from the Maritime Province (Prószynski 1979, Dunin 1984) turned out to belong to *P. popovi* (see Logunov & Wesolowska 1992).

Pellenes (s.str.) *tripunctatus* (Walckenaer, 1802). All the Far Eastern records of *P. tripunctatus* (Kulczynski 1926, Syshevskaja 1935, Marusik 1988, Marusik *et al.* 1992) turned out to refer to *P. sibiricus*. For more details, see Logunov & Marusik (1994).

Pseudeuophrys erratica (Walckenaer, 1826). All the former records of *Euophrys erratica* from the Russian Far East (Prószynski 1979) in reality turned out to refer to *Pseudeuophrys iwatensis* (see also Logunov 1998b). However, the occurrence of *P. erratica* in the Russian Far East is possible, as it was with certainty recorded from Japan, Hokkaido (Matsuda 1991, Ikeda 1996, both sub *Euophrys erratica*).

Sitticus avocator (O.P.-Cambridge, 1885). This species has been reported from the Maritime Province of the Russian Far East (Prószynski 1979: sub *S. viduus*, Dunin 1984, Logunov 1998a), as well as from Korea and Japan (see Prószynski 1990 for a complete set of references). However, all the former records of *S. avocator* (=*viduus*) from the Far East have to be referred to *S. distinguendus* (Logunov, personal data). The problem will be considered in details separately.

Sitticus caricis (Westring, 1861). This species has so far been reported three times from the Russian Far East: Khabarovsk Prov., Liman of Amur (=Nikolaevsk-na-Amure) (Prószynski 1979); Sakhalin, Okha (Marusik *et al.* 1993) and Kamchatka (Kulczynski 1885). Unfortunately, we have been unable to revise *S. caricis* specimens of the above authors, and so it is uncertain if the species does occur in the Far East. The problem calls for a special attention in the future.

Sitticus pubescens (Fabricius, 1775). This European species was first reported from Cisamuria by Grube (1861) and since that the record has been repeated by Charitonov (1932), Azheganova & Stenchenko (1977), Dunin (1984) and Nenlin (1985). However, *S. pubescens* was found to be absent from Grube's collection deposited in the Wroclaw Zoological Museum (see Prószynski 1971), therefore it is unclear which species was identified by Grube (1861) under this name.

Sitticus terebratus (Clerck, 1758). Kulczynski (1895) reported a single female from the Ussuri region. This record needs confirmation from pertinent material. According to Dunin's figures (Dunin 1984: figs 61, 62), this author reported either a new species, or *Harmochirus latens* under the name *S. terebratus*. The problem is open until re-examination of Dunin's specimens (unknown museum depository).

4. Revised check-list of species

Aelurillus v-insignitus (Clerck, 1758)

Aelurillus v-insignitus: Marusik 1988: 1482; Marusik *et al.*, 1992: 151.

Localities. Magadan Area: Sibit-Tyellakh River basin [123] (Marusik 1988), Kava River [114], Kulu [125], Vettrennyi [124], Ust'-Omtchug [121], Yablonevyi [117] (Marusik *et al.* 1992).

Asianellus festivus (C.L. Koch, 1834)

Attus melanotarsus: Grube 1861: 24.

Aelurillus festivus: Prószynski 1971: 209-210, figs 7-9; *Ibid.*, 1979: 302; Dunin 1984: 128-129, fig.1; Sternbergs 1988: 93; Logunov & Wesolowska 1992: 115; Marusik *et al.* 1992: 151; Kim & Kurenshchikov 1995: 64.

Asianellus festivus: Logunov & Heciak 1996: 106-108, figs 1-5, 8, 10, 17-19, 23-28, 35, 39.

Localities. Khabarovsk Prov.: Okhotsk [111] (Prószynski 1979), Ulia River [110] (Marusik *et al.* 1992), Bolshoi Khekhtsyrsk Mt. Range [93] (Logunov & Wesolowska 1992), Komsomol'sk-na-Amure [101], «Voronezhsky Hills», Priamurskaya Station [94], Slavyanka [100] (Kim & Kurenshchikov 1995). — Maritime Prov.: Ryazanovka [6], Furugel'ma Isl. [2], Pos'et Bay [3] (Sternbergs 1988, Logunov & Heciak 1996), Khanka [39], Vladivostok [10], Kangauz (=Anisimovka) [18] (Prószynski 1979, Dunin 1984).

Material examined. 1♂ (FSCA), Amur Area, near Blagoveshchensk, Peschanoe Lake [76], 12.06.1996, E.I.Malikova; 3♂♂ (ISEA), same area, near Blagoveshchensk, 7-8 km NE of Mokhovaya Pad', Peschanoe Lake [76], 4-5.07.1999, V.D.; 7♂♂, 3♀♀ (ISEA), same area, near Blagoveshchensk, Verkhneblagoveshchenskoe [76], 14.05.-4.08.1999, V.D.; 4♂♂ (ISEA), Maritime Prov., ca. 5 km S of Smolyaninovo, Romanovka [19], 1-13.05.1994, V.D.; 1♂

(ISEA), same area, ca. 20 km SE of Ussuriysk, Gornotaezhnoe [27], 1-2.06.1994, V.D.; 1♂, 1♀ (ISEA), same area, Gamova Peninsular, Vityaz' Bay [4], 20-23.05.1994, V.D.; 5♂♂, 4♀♀ (ISEA), 3♂♂ (ZMMU), same area, Lazo Res., 43°16'N, 134°08'E [31], 28.08.1975-20.09.1981, T.O.; 1♀ (ZMTU), same area, SE part, ca. 25 km NE of Nakhodka [15], 18.08.1998, Y.M.; 1♂ (ZMTU), same area, S part, Pravaya Izvilinka River, 43°52'N, 134°17'E [33], 2.08.1998, Y.M.; 1♂, 2♀♀ (ISEA), Kurile Islands, Kunashir Isl., ca. 2 km N of Krugly Cape, 140°41'E, 44°01'N [71], 2-23.09.1997, Y.M.

"Bianor" aemulus (Gertsch, 1934)

Bianor aurocinctus (misidentification): Marusik 1988: 1482.

Bianor aemulus: Logunov & Marusik 1991: 41-46, figs 1d-k, 2a-d,k, 4; Marusik *et al.* 1992: 151.

Localities. Magadan Area: Sibit-Tyellakh River basin [123] (Marusik 1988: sub *Bianor aurocinctus*, Logunov & Marusik 1991), Vetryenniy [124], Kontakt Field Station [125], Talon Town [113] (Marusik *et al.* 1992).

"Bianor" aurocinctus (Ohlert, 1865)

Bianor aenescens: Dunin 1984: 130.

Bianor aurocinctus: Logunov & Marusik 1991: 39-40, figs 1a-b, 2a-b, 3; Marusik *et al.* 1993: 82; Kim & Kurenschikov 1995: 64.

Localities. Khabarovsk Prov.: Slavyanka [100], Boitsovo [91], Bolshoi Khekhtsyrs Mt. Range [93] (Kim & Kurenschikov 1995). — Maritime Prov.: Vladivostok [10] (Dunin 1984). — Sakhalin: Chekhov Peak [66], Novo-Alexandrovsk [65], Korsakov [69] (Logunov & Marusik 1991), Aniva [70], Okha [59], Smirnykh [60] (Marusik *et al.* 1993).

Notes. The records from Vladivostok (Dunin 1984) and Khabarovsk Province (Kim & Kurenschikov 1995) are doubtful, they may turn out to belong to "*Harmochirus*" *nigriculus* (see below).

Carrhotus xanthogramma (Latreille, 1819)

Carrhotus xanthogramma: Prószynski 1979: 304, fig. 17; Dunin 1984: 130, figs 3, 4; Logunov & Wesolowska 1992: 115; Marusik *et al.* 1993: 82; Kim & Kurenschikov 1995: 64.

Carrhotus detritus: Sternbergs 1988: 93.

Localities. Khabarovsk Prov.: «Malvinskoe» (?) near Okhotsk sea (Prószynski 1979), Korkovsky [95] (Dunin 1984), Bolshoi Khekhtsyrs Mt. Range [93], Slavyanka [100] (Logunov & Wesolowska 1992), Pashkovo [89], Priamurskaya Station [94] (Kim & Kurenschikov 1995). — Maritime Prov.: Vladivostok [10], Monokino [24], Tikhookeanskiy [12], Blagodatnyi [45], Kedrovaya Pad' Res. [8], Barabash-Levada [38] (Dunin 1984), Furugel'ma Isl. [2] (Sternbergs 1988). — Kurile Islands: Kunashir [71] (Marusik *et al.* 1993).

Material examined. 6♀♀ (ISEA), Amur Area, near Blagoveshchensk, Verkhneblagoveshchenskoe [76], 14.05.-4.08.1999, V.D.; 1♂ (ISEA), same area, south of Svobodnyi Town, Malaya Sezanka [83], 05.1999, V.D.; 3♂♂ (ISEA), Maritime Prov., Vladivostok [10], 19-28.05.1994, V.D.; 1♀ (ZMTU), same locality, near Anisimovka (=Kangauz) [18], 25.07.1998, S.K.; 1♂ (ISEA), same area, ca. 5 km S of Smolyaninovo, Romanovka [19], 1-13.05.1994, V.D.; 1♂, 1♀ (ISEA), same area, ca. 20 km SE of Ussuriysk, Gornotaezhnoe [27], 1-2.06.1994, V.D.; 9♂♂, 8♀♀ (ISEA), 1♂, 2♀♀ (ZMMU), same area, Lazo Res., 43°16'N, 134°08'E [31], 20.05.1975-15.05.1982, T.O.; 1♂, 1♀ (FSCA), same area, Anuchino Distr., 2-3 km N of Chernyshevka [34], 3-4.06.1994, V.D.; 1♂ (ISEA), same area, "Kedrovaya Pad'" Res. [8], 12.07.1976, B.P. Zakharov; 1♀ (ZMMU), same area, near Ussuriysk, Kamenshuka [26], 10.06.1989, S. Kurbatov; 1♀ (ZMTU), same area, W of Khanka Lake, near Barabash-Levada, Cape, 44°46'N, 131°27'E [38], 18-19.07.1998, Y.M.; 2♂♂ (ZMMU), Khabarovsk Province, right bank of Amur River, ca. 20 km N of Troitskoye, Slavyanka [100], 14-19.06.1990, S.G.

Chalcoscirtus (Chalcosibiricus) alpicola (L. Koch, 1876)

Chalcoscirtus alpicola: Marusik 1988: 1482; 1991: 21, fig. 1; Marusik *et al.* 1992: 151.

Localities. Magadan Area: Sibit-Tyellakh River basin [123], Kresta Bay [134], Vul'vyveem River [133], «Yanranaiygtygyn Lake» (Marusik 1988, 1991, Marusik *et al.* 1992).

Chalcoscirtus (s.str.) *carbonarius* Emerton, 1917

Chalcoscirtus carbonarius: Marusik 1988: 1482; Marusik 1990: 53, fig. 3; Marusik *et al.* 1992: 151.

Localities. Magadan Area: Sibit-Tyellakh River basin [123], Kyunebellakh spring [123] (Marusik 1988, 1990).

Chalcoscirtus (Chalcosibiricus) glacialis Caporacco, 1935

Chalcoscirtus micans: Marusik 1988: 1482.
Chalcoscirtus glacialis: Marusik 1991: 22-24, ff. 2.1-2, 3.1-2; Logunov & Marusik 1999a: 225.
Chalcoscirtus glacialis sibiricus Marusik 1991: 24, figs 2.3-5, 3.3-4; Marusik *et al.* 1992: 151.

Localities. Magadan Area: Sibit-Tyellakh River basin [123], (Marusik 1988: sub *Chalcoscirtus micans*, Marusik 1991, Logunov & Marusik 1999), Vetrynni [124], Ust'-Omtchug [121], Ust'-Srednekan [127], the upper reaches of Bol'shay Osinovaya River [132] (Marusik *et al.* 1992), middle reaches of Anadyr' River [131] (Logunov & Marusik 1999a).

Chalcoscirtus (s.str.) grishkanae Marusik, 1988

Chalcoscirtus grishkanae Marusik, 1988: 1475, fig. 4.
Chalcoscirtus grishkanae: Marusik 1991: 30; Marusik *et al.* 1992: 151.

Localities. Magadan Area: Sibit-Tyellakh River basin [123], Kontakt Field Station [125], Magadan [116] (Marusik 1988, 1991, Marusik *et al.* 1992).

Chalcoscirtus (Chalcosibiricus) hyperboreus Marusik, 1991

Chalcoscirtus hyperboreus Marusik, 1991: 25-26, figs 2, 3.

Chalcoscirtus hyperboreus: Marusik *et al.* 1992: 151.

Localities. Magadan Area: Sibit-Tyellakh River basin [123], Kontakt Field Station [125], Vul'vyveem River [133], «Yanranaiygyn Lake», 164th km of highway Egvekinot-Iul'tin [137] (Marusik 1991), Egvekinot [135], the middle reaches of Chegitun' River [138] (Marusik *et al.* 1992).

Chalcoscirtus (Chalcosibiricus) tanyae Logunov & Marusik, 1999

Chalcoscirtus tanyae Logunov & Marusik, 1999b: 23-25, figs 1-4, 16.

Localities. Maritime Prov.: Anisimovka (= Kangauz) [18], Oblachnaya Mt. [32] (Logunov & Marusik 1999b).

Dendryphantes biankii Prószynski, 1979

Dendryphantes biankii: Logunov & Marusik 1994: 103-106, fig. 2.

Localities. Amur Area: Zeiski Res. [86] (Logunov & Marusik 1994). — Khabarovsk Prov.: Bolshoi Khekhtsyrsk Mt. Range [93] (Logunov & Marusik 1994).

Dendryphantes czekanowskii Prószynski, 1979

Dendryphantes czekanowskii: Marusik 1988: 1482; Marusik & Cutler 1989: 51-53, figs 1-3; Marusik *et al.* 1992: 151; Kim & Kurenschikov 1995: 64.

Localities. Magadan Area: Sibit-Tyellakh River basin [123], Kontakt Field Station [125] (Marusik 1988, Marusik & Cutler 1989), Bol'shaya Osinovaya River [132] (Marusik *et al.* 1992). — Khabarovsk Prov.: Badzhal Mts [97] (Kim & Kurenschikov 1995).

Dendryphantes fusconotatus (Grube, 1861)

Attus fusconotatus Grube, 1861: 29.

Dendryphantes fusconotatus: Prószynski 1971: 210-211, figs 10-12; Ibid., 1979: 305-306, figs 37-63; Dunin 1984: 130, fig. 5; Marusik 1988: 1482; Logunov & Wesolowska, 1992: 115; Marusik *et al.* 1992: 151; Marusik *et al.* 1993: 82; Kim & Kurenschikov 1995: 64.

Localities. Magadan Area: Sibit-Tyellakh River basin [123] (Marusik 1988), Shirokiy [126], Vetrynni [124], Vakkhanka River mouth [122], the middle reaches of Cholomdzha River [112] (Marusik *et al.* 1992). — Khabarovsk Prov.: «Getcha», «Ozerpakh» (Prószynski 1979), «Kuznetsovsk» (Dunin 1984), Bolshoi Khekhtsyrsk Mt. Range [93] (Logunov & Wesolowska 1992). — Maritime Prov.: Anisimovka (=Kangauz) [18], «Dzhanga», Vinogradovka [29] (Prószynski 1979). — Sakhalin: Okha [59] (Marusik *et al.* 1993).

Material examined. 1♀ (ISEA), Maritime Prov., Lazo Res., Korpad' Stand, 43°16'N, 134°08'E [31], 1.06.1980, T.O.; 4♂♂, 1♀ (ISEA), same area, ca. 5 km S of Smolyaninovo, Romanovka [19], 1-13.05.1994, V.D.

***Dendryphantes rufus* (Sundevall, 1833)**

Dendryphantes rufus: Marusik 1988: 1482; Marusik et al. 1992; Marusik et al. 1993: 82.

Localities. Magadan Area: Sibit-Tyellakh River basin [123] (Marusik 1988, Marusik et al. 1992). — Sakhalin: Okha [59] (Marusik et al. 1993).

Material examined. 1♀ (ISEA), Amur Area, near Blagoveshchensk [76], summer 1996, A. Streltsov; 1♂ (ISEA), same area, near Blagoveshchensk, Verkhneblagoveshchenskoe [76], 14.05.–4.08.1999, V.D.

Notes. Schenkel's record of *Dendryphantes rufus* from Kamchatka (Schenkel 1930) cannot be taken into consideration, because it was a juvenile specimen (see op. cit.: 4).

***Euophrys flavoatra* (Grube, 1861)**

Attus flavoater Grube, 1861: 27.

Euophrys flavoatra: Prószynski 1971: 211–213, figs 13–15; Marusik et al. 1992: 151.

Euophrys flavoater: Logunov et al. 1993: 108–111, figs 5–9; Kim & Kurenschikov 1995: 65.

Localities. Magadan Area: Kontaktovy Spring [125] (Logunov et al. 1993), the upper Kolyma [123] (Marusik et al. 1992). — Khabarovsk Prov.: Bolshoi Khekhtsyrs Mt. Range [93], Nikolaevsk-na-Amure [109], Mogdy River [97] (Grube 1861, Logunov & Wesolowska 1992, Logunov et al. 1993), Komsomol'sk-na-Amure [101], Badzhal Mts [97] (Kim & Kurenschikov 1995).

Material examined. 1♀ (ISEA), Maritime Prov., S part, Pravaya Izvilinka River, 43°55'N, 134°23'E [33], 1–2.08.1998, Y.M.

***Euophrys frontalis* (Walckenaer, 1802)**

Euophrys frontalis: Dunin 1984: 130, figs 6, 7; Logunov et al. 1993: 111–113, figs 5, 10, 11; Marusik et al. 1993: 82.

Localities. Khabarovsk Prov.: «Gyrbykan», Bolshoi Khekhtsyrs Mt. Range [93], Komsomol'sk-na-Amure [101], Mogdy River [97] (Logunov & Wesolowska 1992, Logunov et al. 1993). — Maritime Prov.: Tikhookeanskiy [12], Artem [21] (Dunin 1984). — Sakhalin: Novo-Alexandrovsk [65] (Logunov et al. 1993), Okha [59] (Marusik et al. 1993).

Notes. All the records from the Maritime Province (Dunin 1984) need confirmation upon the

pertinent material, they may turn out to be those of *Euophrys kataokai*.

***Euophrys kataokai* Ikeda, 1996**

Euophrys frontalis (misidentification): Prószynski 1979: 306, figs 71–74.

Euophrys sp.: Logunov et al. 1993: 118–119.

Localities. Khabarovsk Prov.: Amur River at 409 km of Khabarovsk [88] (Logunov et al. 1993).

— Maritime Prov.: Kedrovka River [8], Ussuriysky (=Suputinsky) Res. [28], «Teishgla» (Prószynski 1979: sub *Euophrys frontalis*).

Material examined. 1♀ (ISEA), Maritime Prov., Sikhote-Alin' Res. [44], 29.05.1985, T.O.; 1♂, 1♀ (ISEA), same area, Lazo Res., 43°16'N, 134°08'E [31], 15.06.1982, T.O.; 4♀ (ZMTU), same area, Ussuriyski Res., 43°39'N, 132°33'E [28], 29–31.07.1998, Y.M.

***Euophrys proszynskii* Logunov, Cutler & Marusik, 1993**

Euophrys frontalis: Marusik 1988: 1482.

Euophrys cf. frontalis: Marusik et al. 1992: 151.

Euophrys proszynskii Logunov et al. 1993: 113–117, figs 5, 12, 13.

Localities. Magadan Area: Sibit-Tyellakh River basin [123], Kontakt Field Station [125], Kyunnebellakh River Basin [123], Vakkhanka River [122], the upper reaches of Ola River [118] (Marusik 1988: sub *Euophrys frontalis*, Logunov et al. 1993), Arman' Pass [115], Gadlya [119], Ust'-Omtchug [121], Vetrennyi [124], Ust'-Srednekan [127] (Marusik et al. 1992: sub *Euophrys cf. frontalis*).

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

Ergane albifrons Kulczynski 1895: 90–96, figs 25–27.

Evarcha albaria: Prószynski 1979: 307, figs 84–86; Dunin 1984: 131–132, figs 8–10; Logunov & Wesolowska 1992: 115; Marusik et al. 1993: 82; Kim & Kurenschikov 1995: 65.

Localities. Khabarovsk Prov.: Bolshoi Khekhtsyrs Mt. Range [93] (Logunov & Wesolowska 1992), Komsomol'sk-na-Amure [101], «Voron-ehzhsky Hills», Priamurskaya Station [94] (Kim & Kurenschikov 1995). — Maritime Prov.: Kedrovaya Pad' Res. [8], Ussuriysky (=Suputinsky)

Res. [28], Anisimovka (=Kangauz) [18], Khanka Lake [39] (Prószynski 1979), Domashlino [13], Tikhookeanskiy [12], Blagodatnyi [45], Vladivostok [10], Barabash-Levada [38], Turiy Rog [40] (Dunin 1984). — Kurile Islands: Kunashir [71] (Marusik *et al.* 1993).

Material examined. 1♂ (ISEA), Maritime Prov., Popova Isl. [9], 31.07.1978, B. P. Zakharov; 1♂ (ISEA), same area, ca. 20 km SE of Ussuriysk, Gornotayezhnoc [27], 1-2.06.1994, V.D.; 18♂♂, 20♀♀ (ISEA), 3♂♂, 4♀♀ (ZMMU), same area, S part, Lazo Res., 43°16'N, 134°08'E [31], 23.05.1978-22.06.1981, T.O.; 4♂♂ (ZMTU), 1♂ (ISEA) same locality, 6-9.08.1998, Y.M. & S.K.; 2♂♂, 5♀♀ (ZMTU), same area, Khasan Distr., near Andreevka, 42°35'N, 131°13'E [5], 11-15.07.1998, Y.M.; 1♂ (ZMMU), same area, "Kedrovaya Pad'" Res., Kedrovka River [8], August 1990, S.G.; 1♂ (ZMTU), same area, SE part, ca. 25 km NE of Nakhodka [15], 18.08.1998, Y.M.; 1♀ (ZMMU), Khabarovsk Province, Boitsovo [91], summer 1990, S.G.; 2♂♂, 1♀ (ISEA), same area, Obluchie [90], 8.06.-20.07.1999, V.D.

Evarcha arcuata (Clerck, 1758)

Evarcha arcuata: Azheganova & Stenchenko 1977: 111; Prószynski 1979: 308; Dunin 1984: 132, figs 11-13; Marusik 1988: 1482; Logunov & Wesolowska 1992: 115-116; Marusik *et al.* 1992: 151; Marusik *et al.* 1993: 82; Kim & Kurenschikov 1995: 65.

Localities. Magadan Area: Sibit-Tyellakh River basin [123] (Marusik 1988), Talon Town [113], Koni Peninsula [120], Shirokiy [126] (Marusik *et al.* 1992). — Amur Area: no precise locality (Azheganova & Stenchenko 1977). — Khabarovsk Prov.: Vysokogornyi [104], Akur River [103], Vanino [102], Korfovsky [95] (Dunin 1984), Bolshoi Khekhtsyrs Mt. Range [93], Rybachii Isl. [96] (Logunov & Wesolowska 1992), Komsomol'sk-na-Amure [101], Nikolaevsk-na-Amure [109], Slavyanka [100] (Kim & Kurenschikov 1995). — Maritime Prov.: "Kedrovaya Pad'" Res. [8], Ussuriysky (=Suputinsky) Res. [28], Khanka Lake [39], Anisimovka (=Kangauz) [18] (Prószynski 1979), Vladivostok [10], Dushkino [14], Artem [21] (Dunin 1984). — Sakhalin: Kuznetovo [50] (Dunin, 1984), Aniva [70] (Marusik *et al.* 1993). — Kurile Islands: Kunashir [71] (Marusik *et al.* 1993).

Material examined. 1♂ (ISEA), Amur Area, near Blagoveshchensk, Verkhneblagoveshchenskoe [76], 14.05.-4.08.1999, V.D.; 25♂♂, 27♀♀ (ISEA), Maritime Prov., Chernigovka Distr., Dmitrievka [36], 11.07-26.08.1988, A. Borok; 1♀ (ISEA), same area, Gamova Peninsula, Vityaz'

Bay [4], 20-23.05.1994, V.D.; 2♂♂, 4♀♀ (ZMMU), 15♂♂, 12♀♀ (ISEA), same area, Lazo Res., 43°16'N, 134°08'E [31], 5.06.1975 - 20.06.1984, T.O.; 1♀ (ZMTU), same locality, 6-9.08.1998, Y.M.; 1♂ (ZMTU), same area, W of Khanka Lake, near Barabash-Levada Vill., 44°46'N, 131°27'E [38], 18-19.07.1998, Y.M.; 2♂♂, 1♀ (ZMTU), same locality, SE shore, 43°39'N, 132°34'E, 15-16.07.1998, Y.M.

Evarcha laetabunda (C.L. Koch, 1848)

Evarcha laetabunda: Dunin 1984: 132, figs 17, 18; Marusik *et al.* 1993: 82; Logunov 1992: 54; Kim & Kurenschikov 1995: 65.

Localities. Khabarovsk Prov.: Sofiysk [108], Komsomol'sk-na-Amure [101] (Dunin 1984), Slavyanka [100], Bolshoi Khekhtsyrs Mt. Range [93] (Kim & Kurenschikov 1995). — Sakhalin: Beryozovka River [58] (Logunov 1992), Okha [59] (Marusik *et al.* 1993).

Material examined. 1♂ (ISEA), Khabarovsk Prov., Slavyanka [100], 24.06.1989, D.K. Kurenschikov.

Notes. The record of this species from the Amur Area (Azheganova & Stenchenko 1977) needs confirmation upon the pertinent material, it may turn out to belong to *Evarcha michailovi*.

Evarcha proszynskii Marusik & Logunov, 1988

Evarcha falcata (misidentification): Kulczynski 1885: 19; Sytshevskaja 1935: 99-100; Azheganova & Stenchenko 1977: 111; Prószynski 1979: 308; Dunin 1984: 132, figs 14-16; Logunov & Wesolowska 1992: 116; Marusik *et al.* 1992: 151; Marusik *et al.* 1993: 82; Kim & Kurenschikov 1995: 65.

Evarcha proszynskii Marusik & Logunov, 1998 (1997): 101-104, figs 1, 2, 6-8, 14, 19, 20.

Localities. Magadan Area: near Magadan [116] (Marusik & Logunov 1998). — Amur Area: Khingan Res. [81] (Marusik & Logunov 1998). — Amur Area: no precise locality (Azheganova & Stenchenko 1977). — Khabarovsk Prov.: Uktur River [105], Vysokogornyi [104], Nizhnetambovskoe [106], Nikolaevsk-na-Amure [109] (Dunin 1984: sub *Evarcha falcata*), Bolshoi Khekhtsyrs Mt. Range [93], Ulia River [110] (Marusik *et al.* 1992: sub *Evarcha falcata*, Marusik & Logunov 1998), Boitsovo [91] (Kim & Kurenschikov 1995). — Maritime Prov.: Anisimovka (=Kangauz) [18] (Prószynski 1979: sub *Evarcha falcta*), Lazo Res. [31], Ussuriyski Res. [28] (Marusik

& Logunov 1998). — Sakhalin: Ozersky [68], Kostromskoe [53] (Dunin 1984: sub *Evarcha falcata*), Yuzno-Sakhalinsk [67], Novo-Aleksandrovsk [65], «Lugovoe», «Uspenskoe», Nitui River [61], Pugatchevo [63], Uglegorsk [56], «Utesnoe», Beriozovka River [58], «Slepikovskogo Peninsula» [52] (Marusik *et al.* 1993: sub *Evarcha falcata*, Marusik & Logunov 1998). — Kamchatka: Klyuchevskoe [75] (Kulczynski 1885, Sytshevskaja 1935: both sub *Evarcha falcata*).

“Harmochirus” latens (Logunov, 1991)

Harmochirus latens: Logunov & Wesolowska 1992: 116-117, figs 2, 3; Kim & Kurenschikov 1995: 65.

Localities. Amur Area: Khingan Res. [81] (Logunov & Wesolowska 1992). — Khabarovsk Prov.: Bolshoi Khekhtsyrsk Mt. Range [93] (Logunov & Wesolowska 1992). — Maritime Prov.: «Primorskaya station» (Logunov & Wesolowska 1992).

Material examined. 1♂ (SMNH), Khabarovsk Province, Amur River Valley, near Slavyanka [100], 14.-18.06.1993, P. Lindskog & B. Viklund; 1♂ (ISEA), Amur Area, near Blagoveschensk [76], August 1996, E.I. Malikova; 1♂, 1♀ (ISEA), same area, near Blagoveschensk, Verkhneblagoveschenskoe [76], 14.05.-4.08.1999, V.D.

“Harmochirus” nigriculus Logunov & Wesolowska, 1992

Bianor aurocinctus (misidentification): Prószynski 1979: 303-304, figs 15, 16.

Harmochirus nigriculus Logunov & Wesolowska, 1992: 118-119, figs 4, 5.

Harmochirus nigriculus: Kim & Kurenschikov 1995: 65.

Localities. Amur Area: «Kosmodemiyanovka» (Logunov & Wesolowska 1992). — Khabarovsk Prov.: Bolshoi Khekhtsyrsk Mt. Range [93], Slavyanka [100] (Logunov & Wesolowska 1992). — Maritime Prov.: Anisimovka (=Kangauz) [18] (Prószynski 1979, Logunov & Wesolowska 1992).

Notes. We have been unable to re-examine Dunin's (1984) specimens, but very likely his record of *Bianor aurocinctus* from Vladivostok should be referred to “*Harmochirus*” *nigriculus*.

”Harmochirus” pullus (Bösenberg & Strand, 1906)

Siler cupreus (misidentification): Sternbergs 1988: 93.

Harmochirus pullus: Logunov & Wesolowska 1992: 119-120, figs. 6, 7; Kim & Kurenschikov 1995: 65.

Localities. Khabarovsk Prov.: Bolshoi Khekhtsyrsk Mt. Range [93], Rybachii Isl. [96] (Logunov & Wesolowska 1992, Kim & Kurenschikov 1995). — Maritime Prov.: Furugel'ma Isl. [2] (Sternbergs 1988: sub *Siler cupreus*).

***Heliophanus baicalensis* Kulczynski, 1895**

Heliophanus baicalensis: Prószynski 1979: 308, figs 98-100; Marusik 1988: 1482; Marusik & Cutler 1989: 54, figs 4-7; Marusik *et al.* 1992: 151.

Localities. Magadan Area: Sibit-Tyellakh River basin [123] (Marusik 1988, Marusik & Cutler 1989), Arman' Pass [115], Gadlya [119], Vetrennyi [124], Ust'-Omtchug [121] (Marusik *et al.* 1992). — Amur Area: Ulunga River [85] (Prószynski 1979).

***Heliophanus camtschadalicus* Kulczynski, 1885**

Heliophanus camtschadalicus Kulczynski, 1885: 18, 58 (descr.), tab.11, fig. 35.

Heliophanus ussuricus (misidentification): Marusik 1988: 1482.

Heliophanus camtschadalicus: Wesolowska & Marusik 1990: 91-92, figs 1-10; Marusik *et al.* 1992: 151; Marusik *et al.* 1993: 82; Kim & Kurenschikov 1995: 65.

Localities. Magadan Area: Sibit-Tyellakh River basin [123], Dukcha River [116], Detrin River basin [121], Taygonos Peninsula [129], Koni Peninsula [120], Shirokiy [126] (Marusik 1988: sub *Heliophanus ussuricus*, Wesolowska & Marusik 1990, Marusik *et al.* 1992). — Sakhalin: Okha [59] (Marusik *et al.* 1993). — Kamchatka: Klyuchevskoe [75] (Kulczynski 1885).

Notes. The record from Sakhalin, Uglegorsk [56] (Marusik *et al.* 1993) turned out to belong to

Heliophanus ussuricus (Marusik's material re-examined). The record from the Khabarovsk Province, Slavyanka (Kim & Kurenschikov 1995) needs confirmation upon the pertinent material, it may also belong to *Heliophanus ussuricus*.

Heliophanus dubius C.L. Koch, 1848

Heliophanus dubius: Sternbergs 1988: 93; Marusik 1988: 1482; Logunov & Wesolowska 1992: 120; Marusik et al. 1992: 151; Marusik et al. 1993: 82; Kim & Kurenschikov 1995: 65.

Localities. Magadan Area: Sibit-Tyellakh River basin [123] (Marusik 1988, Marusik et al. 1992). — Khabarovsk Prov.: Bolshoi Khekhtsyrs Mt. Range [93] (Logunov & Wesolowska 1992), Nikolaevsk-na-Amure [109] (Kim & Kurenschikov 1995). — Maritime Prov.: Furugel'ma Isl. [2] (Sternbergs 1988). — Sakhalin: Aniva [70], Korsakov [69], Makarov [62] (Marusik et al. 1993).

Material examined. 1♀ (ISEA), Amur Area, near Blagoveshchensk, Verkhneblagoveshchenskoe [76], 14.05.-4.08.1999, V.D.

Heliophanus flavipes (Hahn, 1831)

Heliophanus flavipes: Azheganova & Stenchenko 1977: 111.

Localities. Amur Area: no precise locality (Azheganova & Stenchenko 1977).

Heliophanus lineiventris Simon, 1868

Heliophanus lineiventris: Prószynski 1979: 309; figs 107-109; Dunin 1984: 132; Logunov & Wesolowska 1992: 120-121; Marusik et al. 1993: 82; Kim & Kurenschikov 1995: 65.

Localities. Khabarovsk Prov.: Troitskoe [99], «Malvinskoe» (?) near Okhotsk sea (Prószynski 1979), Khabarovsk [96], Bolon' Lake [98] (Logunov & Wesolowska 1992), Pashkovo [89], Slavyanka [100] (Kim & Kurenschikov 1995). — Maritime Prov.: Anisimovka (=Kangauz) [18], Khanka Lake [39] (Prószynski 1979), Pokrovka [25] (Dunin 1984). — Sakhalin: Kostromskoe [53], Ozersky [68], Aniva [70], Korasakov [69] (Dunin 1984, Marusik et al. 1993). — Kurile Islands: Kunashir [71], Iturup [72] (Wesolowska & Marusik 1990, Marusik et al. 1993).

Material examined. 1♂, 3♀ (ISEA), Amur Area, near Blagoveshchensk, 7-8 km NE of Mokhovaya Pad', Peschanoe Lake [76], 4-5.07.1999, V.D.; 1♀ (ISEA), Maritime Prov., ca. 5 km S of Smolyaninovo, Romanovka [19], 1-13.05.1994, V.D.; 11♂, 6♀ (ISEA), same area, Lazo Res., 43°16'N, 134°08'E [31], 15.07.1975-20.09.1981, T.O.; 2♀ (ZMTU), same locality, 6-9.08.1998, Y.M.; 1♀ (ZMTU), Maritime Prov., S part, 43°17'N, 134°12'E, 5.08.1998, Y.M.

Heliophanus patagiatus Thorell, 1875

Heliophanus patagiatus: Marusik 1988: 1482; Marusik et al. 1992: 151.

Localities. Magadan Area: Sibit-Tyellakh River basin [123], Vetrennyi [124], Ust'-Omtchug [121], the middle reaches of Cholomdzha River [112], Seimtchan Town [128] (Marusik 1988, Marusik et al. 1992).

Heliophanus ussuricus Kulczynski, 1895

Heliophanus ussuricus Kulczynski, 1895: 51-54, figs 6-9.

Heliophanus ussuricus: Prószynski 1979: 310, 119-129; Dunin 1984: 133-134, figs 22-24; Wesolowska & Marusik 1990: 95; Logunov & Wesolowska 1992: 121; Marusik et al. 1993: 82; Kim & Kurenschikov 1995: 65.

Localities. Khabarovsk Prov.: Bolshoi Khekhtsyrs Mt. Range [93] (Wesolowska & Marusik 1990, Logunov & Wesolowska 1992), Pashkovo [89], Komsomol'sk-na-Amure [101], Priamuskaya Station [94], Slavyanka [100] (Kim & Kurenschikov 1995). — Maritime Prov.: Kedrovaya Pad' Res. [8], Anisimovka (=Kangauz) [18], Khanka Lake [39], Ulunga River [47] (Prószynski 1979), Dushkino [14], Tikhookeanskiy [12], Kiparisovo [22], Blagodatnyi [45], Vladivostok [10], Artem [21] (Dunin, 1984). — Sakhalin: Aniva [70], Alexandrovsk-Sakhalinsky [57], Dolinsk [64], Korsakov [69], Kholmsk [52], Makarov [62], Okha [59], Tomari [54], Uglegorsk [56] (Marusik et al. 1993). — Kurile Islands: Kunashir [71], Iturup [72] (Wesolowska & Marusik 1990, Marusik et al. 1993).

Material examined. 7♀ (ISEA), (ISEA), Maritime Prov., Chernigovka Distr., Dmitrievka [36], 11.07-26.08.1988, A.Borok; 6♀ (ISEA), 5♂, 10♀ (ZMMU), same area, Lazo Res., 43°16'N, 134°08'E [31], 26.08.1977 - 7.09.1979, T.O.; 5♀ (ZMTU), Khanka Lake, SE shore, 43°39'N, 132°34'E, 15-16.07.1998, Y.M.; 2♀ (ISEA), Kurile Islands, Kunashir Isl., ca. 1.5 km W of South-Kurilsk [71], 1-24.08.1994, K.E.; 1♀ (ISEA), Amur Area, Blagovesh-

chensk Distr., ca. 6 km N of Belogorie [77], 7.07.1994, E.I.Malikova; 1♀ (ISEA), same area and distr., Sadovoe [78], 5.07.1994, E.I.Malikova; 7♂♂, 11♀♀ (ISEA), same area, near Blagoveshchensk, Verkhneblagoveshchenskoe [76], 14.05.-4.08.1999, V.D.; 1♂ (ISEA), Sakhalin, Uglegorsk [56], 29-30.07.1992, A.M. Basarukin.

Marpissa milleri (Peckham & Peckham, 1894)

Marpissa dybowskii Kulczynski 1895: 63-68, figs 36, 41, 42.

Marpissa dybowskii: Prószynski 1979: 311, figs 156-170; Dunin 1984: 135, figs 36, 37; Logunov & Wesolowska 1992: 124; Kim & Kurenschikov 1995: 65.

Marpissa koreanica: Sternbergs 1988: 93.

Marpissa milleri: Logunov 1999: 37-39, figs 62-63.

Localities. Khabarovsk Prov.: confluence of Kiya and Ussuri Rivers [92] (Prószynski 1979), «Digun» (?) (Logunov & Wesolowska 1992), Pashkovo [89] (Kim & Kurenschikov 1995). — Maritime Prov.: Kedrovaya Pad' Res. [8], Ussuriysky (=Suputinsky) Res. [28], Vinogradovka [29], Slavyanka [7], Kiparisovo [22], Vladivostok [10] (Prószynski 1979, Dunin 1984, both sub *Marpissa dybowskii*, Sternbergs 1988: sub *Marpissa koreanica*), Ryazanovka [6] (Logunov & Wesolowska 1992), Lazo Res. [31] (Logunov 1999). — Kurile Islands: Kunashir [71] (Logunov 1999).

Marpissa pomatia (Walckenaer, 1802)

Marpusa pomatia: Kulczynski 1895: 63.

Marpissa pomatia: Kulczynski 1926: 36; Azheganova & Stenchenko 1977: 111; Prószynski 1979: 312-313, figs 184-199; Dunin 1984: 135, figs 40, 41; Logunov & Wesolowska 1992: 127-128; Marusik *et al.* 1993: 82; Kim & Kurenschikov 1995: 65; Logunov 1999: 40-41, figs 1-3, 6, 18, 34, 47, 51, 54-55.

Marpissa radiata (misidentification): Syshevskaja 1935: 100.

Localities. Kamchatka: Klyuchevskoe [75] (Kulczynski 1926). — Amur Area: no precise locality (Azheganova & Stenchenko 1977), Selemdzhinsk [84] (Logunov & Wesolowska 1992), Blagoveshchensk [76] (Logunov 1999). — Khabarovsk Prov.: Sofiysk [108] (Prószynski 1979), Tsymmermanovka [107], «Malvinskoe» (?) near Okhotsk sea (Prószynski 1979), Bolshoi

Khekhtsyur Mt. Range [93], «Asyat River» (Logunov & Wesolowska 1992), Nikolaevsk-na-Amure [109], Boitsovo [91], Slavyanka [100] (Kim & Kurenschikov 1995). — Maritime Prov.: Kedrovaya Pad' Res. [8], «Khutara Bay», «Den», «Dungari», «Gelga Lake», «Navozovo», «Sakhode», «Tambovskoe», Ulunga River [47], Vinogradovka [29] (Prószynski 1979), Vladivostok [10] (Dunin 1984), Lazo Res. [31], Ussuriysky Res. [28] (Logunov 1999). — Sakhalin: «Shebunino», (Dunin 1984), Aniva [70], Korsakov [69], Makarov [62], Okha [59], Nevel'sk [51] (Marusik *et al.* 1993). — Kurile Islands: Kunashir [71]: Alekhino, Goryacheye, Tretiyakovo (Dunin 1984), Shikotan [73] (Logunov 1999), Iturup [72] (Marusik *et al.* 1993).

Material examined. 1♂ (ISEA), Khabarovsk Prov., Obluchie [90], 8.06.-20.07.1999, V.D.

Marpissa pulla (Karsch, 1879)

Menemerus pulla: Sternbergs 1988: 93.

Marpissa pulla: Logunov & Wesolowska 1992: 129; Kim & Kurenschikov 1995: 65; Logunov 1999: 42, figs 9, 32, 64-65.

Localities. Khabarovsk Prov.: Bolshoi Khekhtsyur Mt. Range [123], «Asyat River» (Logunov & Wesolowska 1992, Kim & Kurenschikov 1995). — Maritime Prov.: Furugel'ma Isl. [2] (Sternbergs 1988: sub *Menemerus pulla*), Sadgorod [11] (Logunov & Wesolowska 1992).

Mendoza canestrinii (Ninni in Canestrini & Pavesi, 1868)

Marpissa pichoni: Dunin 1984: 135, figs 42-44.

Marpissa obscura (misidentification): Nenlin 1985: 132.

Marpissa magister: Logunov & Wesolowska 1992: 125-126, figs 12, 13; Marusik & Logunov 1994: 132, figs 3-5; Kim & Kurenschikov 1995: 65.

Mendoza canestrinii: Logunov 1999: 49-51, figs 14-15, 24-25, 29, 37, 39, 44, 78-79, 98-104, 107-108, 114, 119, 123-124, 131-132.

Localities. Amur Area: Blagoveshchensk [76] (Logunov 1999). — Khabarovsk Prov.: Bolshoi Khekhtsyur Mt. Range [123], «Nizhnespasskoe» (Logunov & Wesolowska 1992), Pashkovo [89] (Kim & Kurenschikov 1995). — Maritime Prov.:

Tchistovodnoe [16], Pokrovka [25] (Dunin 1984: sub *Marpissa pichoni*), Khasan [1] (Logunov & Wesolowska 1992: sub *Marpissa magister*; Marusik & Logunov 1994: sub *Marpissa magister*), Khanka Lake [39] (Logunov 1999).

***Mendoza dersuuzalai* (Logunov & Wesolowska, 1992)**

Marpissa dersuuzalai Logunov & Wesolowska, 1992: 121-124, figs 8-10.

Marpissa dersuuzalai: Kim & Kurenschikov 1995: 65.

Mendoza dersuuzalai: Logunov 1999: 52, figs 105-106, 11, 121, 125-126,

Localities. Amur Area: Khingansk Res. [81] (Logunov & Wesolowska 1992). — Khabarovsk Prov.: Bolshoi Khekhtsyrsk Mt. Range [123], «Asyat River» (Logunov & Wesolowska 1992, Kim & Kurenschikov 1995).

***Mendoza elongata* (Karsch, 1879)**

Marpissa nobilis (misidentification): Prószynski 1979: 312, figs 171-177; Logunov & Wesolowska 1992 (in part, female only): 126-127, fig. 15.

Marpissa elongata: Dunin 1984: 135, figs 38, 39; Sternbergs 1988: 93; Logunov & Wesolowska 1992: 124-125; Marusik *et al.* 1993: 82; Kim & Kurenschikov 1995: 65.

Mendoza elongata: Logunov 1999: 53, figs 45, 122.

Localities. Amur Area: Khingan Res. [81], Lebedinskoe Lake [80] (Logunov & Wesolowska 1992: sub *Marpissa elongata*). — Khabarovsk Prov.: Zelyonyi Isl. [96] (Logunov & Wesolowska 1992: sub *Marpissa elongata*), Priamursky Station [94], Komsomol'sk-na-Amure [101] (Kim & Kurenschikov 1995: sub *Marpissa elongata*). — Maritime Prov.: Khanka Lake [39] (Prószynski 1979: sub *Marpissa nobilis*), Monakino [24] (Dunin 1984), Ussuriyski Res. [28] (Sternbergs 1988: sub *Marpissa elongata*), Kamen'-Rybolov (Logunov & Wesolowska 1992: sub *Marpissa elongata*), Dmitrievka [36] (Logunov 1999). — Kurile Islands: Kunashir [71] (Marusik *et al.* 1993: sub *Marpissa elongata*).

***Mendoza nobilis* (Grube, 1861)**

Attus nobilis Grube, 1861: 28.

Marpissa nobilis: Prószynski 1971: 212-214, figs 16-19; Logunov & Wesolowska 1992 (in part, male only): 126-127, fig. 14; Kim & Kurenschikov 1995: 65.

Marpissa pulchra (misidentification): Logunov & Wesolowska 1992 (in part, female only): 128-129, fig. 17.

Mendoza nobilis: Logunov 1999: 53-55, figs 16-17, 26-27, 38, 46, 113, 120.

Localities. Amur Area: Khingan Res. [81], Arkhara [79] (Logunov & Wesolowska 1992), Malaya Sezanka [83], Kundur [82] (Logunov 1999). — Khabarovsk Prov.: Zelyonyi Isl. [96] (Logunov & Wesolowska 1992), Bolshoi Khekhtsyrsk Mt. Range [93] (Kim & Kurenschikov 1995), Obluchie [90] (Logunov 1999). — Maritime Prov.: Ussuri River [26], Kamen'-Rybolov [39] (Grube 1861, Logunov & Wesolowska 1992), Lazo Res. [31], Khasan Lake [39] (Logunov 1999).

Material examined. 1♂ (ISEA), Amur Area, near Blagoveshchensk, Verkhneblagoveshchenskoe [76], 14.05.-4.08.1999, V.D.

***Mendoza zebra* (Logunov & Wesolowska, 1992)**

Marpissa zebra Logunov & Wesolowska, 1992: 129-130, fig. 18.

Marpissa zebra: Kim & Kurenschikov 1995: 65.

Mendoza zebra: Logunov 1999: 57.

Localities. Amur Area: Khingan Res. [81] (Logunov & Wesolowska 1992). — Khabarovsk Prov.: Bolshoi Khekhtsyrsk Mt. Range [93] (Logunov & Wesolowska 1992, Kim & Kurenschikov 1995).

***Myrmarachne formicaria* (De Geer, 1778)**

Myrmarachne formicaria: Prószynski 1979: 313, figs 219-221; Dunin 1984: 135, figs 45, 46; Logunov & Wesolowska 1992: 120-124, figs 19-21; Marusik *et al.* 1993: 82; Kim & Kurenschikov 1995: 65.

Myrmarachne japonica: Olinger 1984 (?): 123-126, figs 1, 2.

Localities. Amur Area: Khingan Res. [81] (Logunov & Wesolowska 1992). — Khabarovsk Prov.: Bolshoi Khekhtsyrsk Mt. Range [93] (Logunov & Wesolowska 1992), Komsomol'sk-na-Amure [101] (Kim & Kurenshchikov 1995). — Maritime Prov.: Kedrovka River [8], Vinogradovka [29] (Prószynski 1979), Tikhookeanskiy [12], Vladivostok [10] (Dunin 1984), Ussuriyski Res. [28] (Logunov & Wesolowska 1992), Lazo Res. [31] (Oliger 1984: sub *Myrmarachne japonica*). — Sakhalin: «Sernovodsk» (Dunin 1984), Moneron [48] (Marusik *et al.* 1993). — Kurile Islands: Kunashir [71] (Dunin 1984).

Material examined. 1♂ (ISEA), Kurile Islands, Shikotan Isl. [73], 1.08.1994, K.Y.Eskov; 2♂♂ (ISEA), Kurile Islands, Zelyony Isl. [74], 6.08.1994, K.Y.Eskov; 1♀ (ZMMU), Sakhalin Area, Moneron Isl. [48], Koggerasa bay, date ?, A.M.Basarukin; 4♂♂, 4♀♀ (ISEA), Maritime Prov., Lazo Res., 43°16'N, 134°08'E [31], 11.05.1975-2.10.1984, T.O.; 1♀ (ZMTU), same locality, 6-8.08.1998, Y.M.; 1♂, 3♀♀ (ISEA), Amur Area, near Kundur [82], 10.06.1999, V.D.

Myrmarachne lugubris (Kulczynski, 1895)

Salicus lugubris Kulczynski, 1895: 46-50, figs 1-5.

Myrmarachne lugubris: Prószynski 1979: 313-314, figs 222-223; Dunin 1984: 136-137, figs 47-49; Logunov & Wesolowska 1992: 133-135, figs 21-23; Kim & Kurenshchikov 1995: 65.

Myrmarachne inermichelis (misidentification): Oliger 1984: 126, fig. 3.

Localities. Khabarovsk Prov.: Bolshoi Khekhtsyrsk Mt. Range [93], Slavyanka [100] (Logunov & Wesolowska 1992), Komsomol'sk-na-Amure [101] (Kim & Kurenshchikov 1995). — Maritime Prov.: Khanka Lake [39], Anisimovka (=Kangauz) [18] (Prószynski 1979), Monokino [24], Kiparisovo [22], Blagodatnyi [45], Barabash-Levada [38], Vladivostok [10], Turiy Rog [40], Artem [21] (Dunin 1984, Logunov & Wesolowska 1992), Lazo Res. [31] (Oliger 1984: sub *Myrmarachne inermichelis*).

Material examined. 6♂♂, 11♀♀ (ISEA, det. hitherto as *M. inermichelis* by T.O.), 2♀♀ (ZMMU), Maritime Prov., Lazo Res., 43°16'N, 134°08'E [31], 4.08.1975-20.06.1981, T.O.; 1♂, 3♀♀ (ISEA), Amur Area, near Blagoveshchensk, Verkhneblagoveshchenskoe [76], 14.05.-4.08.1999, V.D.

Neon reticulatus (Blackwall, 1853)

Neon reticulatus: Prószynski 1979: 314, fig. 227;

Marusik *et al.* 1993: 82.

Localities. Maritime Prov.: Kedrovka River [8] (Prószynski 1979). — Sakhalin: Aniva [70], Dolinsk [64], Kholmsk [52] (Marusik *et al.* 1993). — Kurile Islands: Iturup [72] (Marusik *et al.* 1993).

Material examined. 1♀ (ISEA), Kurile Islands, Iturup Isl., Chapon Peninsula [72], 16.08.1994, K.Y.Eskov; 3♀♀ (ZMMU), 5♀♀ (ISEA), Kunashir Isl., ca.1.5 km W of Yuzhno-Kuril'sk [71], 1-24.08.1994, K.E.; 3♀♀ (ISEA), Zelyony Isl., Srednee Lake [74], 6.08.1994, K.E.; 1♀ (ZMMU), Maritime Prov., «Peter-the-Great» Bay, Popov Isl. [9], 31.08.1991, K.M.; 2♀♀ (ZMTU), Vladivostok, Akademgorodok [10], 30.09.1997, Y.M.; 3♀♀ (ZMTU), same locality, 43°13'N, 132°01'E, 2.10.1997, Y.M.; 1♀ (ISEA), same area, «Kedrovaya Pad» Res. [8], August 1990, A.V.Tanasevitch; 2♀♀ (ISEA), same area, Lazo Res., Sukhoi Klyuch Stand [31], 43°16'N, 134°08'E, 18.06.1981, T.O.; 1♀ (ZMTU), same locality, 6-9.08.1998, Y.M.; 2♀♀ (ZMMU), same area, Chernigovka Distr., near Merkushevka [35], 20.07.1991, A.V.Tanasevitch; 1♀ (ZMMU), 2♀♀ (ISEA), same area, Ussuriysk [26], 19-20.07.1991, S.G.; 2♀♀ (ZMTU), same area, Pravaya Izvilinka River, 43°55'N, 134°23'E [33], 1-2.08.1998, Y.M.; 1♂ (ISEA), Maritime Prov., Ussuriysk Distr., near Gornotaehnnoe [27], 30.06.1980, V. Belov.

Pellenes (Pelmultus) gobiensis Schenkel, 1936

Pellenes gobiensis: Logunov & Marusik 1994: 113.

Localities. Magadan Area: Shirokiy [126] (Logunov & Marusik 1994).

Pellenes (Pelpaucus) ignifrons (Grube, 1861)

Pellenes ignifrons: Prószynski 1979: 314; Marusik 1988: 1482; Marusik *et al.* 1992: 151.

Localities. Magadan Area: Sibit-Tyellakh River basin [123] (Marusik 1988), Kulu [125], Vettrennyi [124], Ust'-Omtchug [121], Seimtchan Town [128], Talaya River mouth [118] (Marusik *et al.* 1992). — Khabarovsk Prov.: «Chega» (Prószynski 1979).

Material examined. 1♂ (ISEA), Amur Area, ca. 65 km N of Tyndinski [87], 17.06.1997, A. Dudko & D. Lomakin.

Pellenes (Pelpaucus) limbatus Kulczynski, 1895

Pellenes limbatus: Marusik 1988: 1482; Logunov 1992: 61, fig. 6.

Localities. Magadan Area: Sibit-Tyellakh River basin [123] (Marusik 1988, Logunov 1992).

***Pellenes* (s.str.) *sibiricus* Logunov & Marusik, 1994**

Pellenes tripunctatus (misidentification): Kulczynski 1926: 36-37; Sytshevskaja 1935: 100; Marusik 1988: 1482; Marusik et al. 1992: 151. *Pellenes sibiricus* Logunov & Marusik, 1994: 108-110, figs 6-8.

Localities. Magadan Area: Sibit-Tyellakh River basin [123], Shirokiy [126], Vetrynniy [124] (Marusik 1988: sub *Pellenes tripunctatus*, Marusik et al. 1992: sub *Pellenes tripunctatus*, Logunov & Marusik 1994). — Kamchatka: Klyuchevskoe [75] (Kulczynski 1926: sub *Pellenes tripunctatus*).

***Philaeus chrysops* (Poda, 1761)**

Philaeus bicolor: Kulczynski 1895: 73.

Philaeus chrysops: Prószynski 1979: 315, figs 241-254; Dunin 1984: 137, fig. 50.

Localities. Maritime Prov.: Khanka Lake [39], Ussuriysk [26] (Prószynski 1979), Artem [21] (Dunin 1984).

***Phintella arenicolor* (Grube, 1861)**

Attus arenicolor Grube, 1861: 27.

“*Attus*” *arenicolor*: Prószynski 1971: 207, figs 1-6.

Icius difficilis: Prószynski 1979 (female only): 311, figs 143-144; Dunin 1984 (female only): 134, fig. 33; Sternbergs 1988: 93.

Phintella arenicolor: Logunov & Wesolowska 1992: 135-137, figs 24-27; Kim & Kurenschikov 1995: 65.

Phintella mellotei: Marusik & Logunov 1994: 135.

Localities. Khabarovsk Prov.: Bolshoi Khekhtsyrs Mt. Range [93], Slavyanka [100], Zelyonyi Isl. [96] (Logunov & Wesolowska 1992, Kim & Kurenschikov 1995). — Maritime Prov.: Spassk-Dal’niy [41], Ussuriysky (=Suputinsky) Res. [28] (Prószynski 1979: sub *Icius difficilis*, female only), Dushkino [14], Tikhookeanskiy [12] (Dunin 1984: sub *Icius difficilis*), Kedrovaya Pad’ Res. [8], «Primorskaya Station», Bikin River [46], Khorol’ [37], Kamen’-Rybolov [39] (Logunov & Wesolowska 1992), Furugel’ma Isl. [2] (Sternbergs 1988: sub

Icius difficilis).

Material examined. 1♂ (ISEA), Maritime Prov., Chernigovka Distr., Dmitrievka [36], 11.07-26.08.1988, A. Borok; 1♀ (ISEA), same area, Khanka Lake, CE shore, 44°39'N, 132°34'E, 15-16.07.1998, Y.M.

***Phintella castriesiana* (Grube, 1861)**

Attus castriesiana Grube, 1861: 26.

Maevia castriesiana (?): Kulczynski 1895: 96.

Telamonia castriesiana: Prószynski 1971: 223-224.

Icius castriesianus: Prószynski 1979: 310-311, 131-142; Dunin 1984: 134, figs 28-30.

Phintella castriesiana: Logunov & Wesolowska 1992: 137-138, figs 27-29; Marusik et al. 1993: 82; Kim & Kurenschikov 1995: 66.

Localities. Khabarovsk Prov.: Nizhnetambovskoe [106], Nikolevsk-na-Amure [109] (Dunin 1984: sub *Icius castriesianus*), Bolshoi Khekhtsyrs Mt. Range [93], «Kutuzovka» (Logunov & Wesolowska 1992), Boitsovo [91], «Voronezhsky Hills», Slavyanka [7], «Priamurskaya Station» (Kim & Kurenschikov 1995). — Maritime Prov.: Kedrovaya Pad’ Res. [8], Kedrovka River [8], Anisimovka (=Kangauz) [18], Khanka Lake [39] (Prószynski 1979: sub *Icius castriesianus*), Vladivostok [10], Blagodatnyi [45], Kiparisovo [22] (Dunin 1984: sub *Icius castriesianus*). — Sakhalin: «Shebunino», Kostromskoe [53] (Dunin 1984: sub *Icius castriesianus*), Aniva [70], Dolinsk [64], Korsakov [69], Nevel’sk [51], Kholmsk [52], Moneron Isl. [48] (Marusik et al. 1993). — Kurile Islands: Kunashir [71] (Dunin 1984: sub *Icius castriesianus*), Iturup [72] (Marusik et al. 1993).

Material examined. 1♂, 1♀ (ISEA), Maritime Prov., Vladivostok [10], 19-28.05.1994, V.D.; 2♀♀ (ISEA), same area, Anuchino Distr., 10-20 km N of Daubekhaza River Valley [23], 3-4.06.1994, V.D.; 3♂♂, 8♀♀ (ISEA), same area, Nadezhdino Distr., ca. 12 km NW of Vinevitino, Malya El’duga River [23], 8-9.06.1994, V.D.; 2♂♂, 5♀♀ (ISEA), same area, ca. 20 km SE of Ussuriysk, Gornotaezhnoe [27], 1-2.06.1994, V.D.; 1♂ (ISEA), same locality, 06.1990, S.G.; 1♀ (ZMTU), same area, S part, Ussuri Reserve, 43°39'N, 132°33'E [28], 29-31.07.1998, Y.M.; 13♂♂, 37♀♀ (ISEA), 2♂♂, 12♀♀ (ZMMU), same area, Lazo Res., 43°16'N, 134°08'E [31], 20.05.1975-24.06.1981, T.O.; 1♂, 3♀♀ (ISEA), same area, Kedrovaya Pad’ Res. [8], 5.06.1976, B.P.Zakharov; 1♂, 1♀ (ZMMU), Khabarovsk Province, right bank of Amur River, ca. 20 km N of Troitskoye, Slavyanka [100], 14-19.06.1990, S.G.; 2♂♂, 1♀ (ZMMU), Boitsovo [91], summer 1990, S.G.

***Phintella linea* (Karsch, 1879)**

Phintella linea: Logunov & Wesolowska 1992: 138-139, figs 30-31; Marusik *et al.* 1993: 82; Kim & Kurenschikov 1995: 66.

Localities. Khabarovsk Prov.: Bolshoi Khekhtsyrsk Mt. Range [93] (Logunov & Wesolowska 1992), «Voronezhsky Hills», Slavyanka [100] (Kim & Kurenschikov 1995). — Sakhalin: Aniva [70], Kholmsk [52] (Marusik *et al.* 1993). — Kurile Islands: Kunashir [71] (Marusik *et al.* 1993).

Material examined. 2♂♂, 3♀♀ (ISEA), Kurile Islands, Kunashir Isl., ca. 1.5 km W of Yuzhno-Kurilsk [71], 1-24.08.1994, K.E.; 2♂♂, 1♀ (ISEA), Kurile Islands, Zelyony Isl., Srednee Lake [74], 6.08.1994, K.E.

***Phintella parva* (Wesolowska, 1981)**

Icius difficilis: Prószynski 1979 (male only): 311, figs 145-149.

Icius sp.: Prószynski 1979: 340, figs 154, 155.

Icius parvus: Dunin 1984: 134.

Phintella parva: Logunov & Wesolowska 1992: 139-141, figs 32-33; Kim & Kurenschikov 1995: 66.

Localities. Khabarovsk Prov.: Bolshoi Khekhtsyrsk Mt. Range [93], «Kutuzovka» (Logunov & Wesolowska 1992), Boitsovo [91] (Kim & Kurenschikov 1995). — Maritime Prov.: Khanka Lake [39] (Prószynski 1979: sub *Icius difficilis*, male only), Chuguevka [43], Ussuriyski Res. [28] (Logunov & Wesolowska 1992).

Material examined. 2♂♂, 3♀♀ (ISEA), Maritime Prov., Vladivostok [10], 19-28.05.1994, V.D.; 1♀ (ISEA), same area, ca. 20 km SE of Ussuriysk, Gornotaezhnoe [27], 1-2.06.1994, V.D.; 2♂♂, 4♀♀ (ISEA), same area, Lazo Res., 43°16'N, 134°08'E [31], 11.06.1975-11.06.1978, T.O.

***Phintella popovi* (Prószynski, 1979)**

Icius popovi Prószynski, 1979: 311, figs 150-153.

Icius abnormis (misidentifications): Prószynski 1979: 310, fig. 130; Dunin 1984: 134, figs 25-27.

Icius popovi: Dunin 1984: 134-135, figs 34, 35.

Phintella popovi: Logunov & Wesolowska 1992: 141-143, fig. 34; Kim & Kurenschikov 1995: 66.

Localities. Amur Area: Khingan Res. [81], «Nizhnepokrovskoe» (Logunov & Wesolowska

1992). — Khabarovsk Prov.: Khabarovsk [96], Bolshoi Khekhtsyrsk Mt. Range [93], Pashkovo [89], Slavyanka [100], Slavyanski Isl. [100] (Logunov & Wesolowska 1992, Kim & Kurenschikov 1995). — Maritime Prov.: Anisimovka (=Kangauz) [18], Vinogradovka [29], «Baraudinsk», Spassk-Dal'niy [41], Tigrovoi [17], «Vyatskoe» (Prószynski 1979: sub *Icius popovi* and *Icius abnormis*), Dushokino [14], Kiparisovo [22], Blagodatnyi [45], Vladivostok [10], Artem [21] (Dunin 1984: sub *Icius popovi* and *Icius abnormis*), Khorol' [37], Bikin River [46], Kedrovaya Pad' Res. [8], Yakovlevka [42], Kamenushka [8], Furugel'ma Isl. [2] (Logunov & Wesolowska 1992).

Material examined. 2♀♀ (ISEA), Amur Area, near Kundur [82], 31.07.1996, A.N. Streltsov & E.I. Malikova; 1♂, 1♀ (ISEA), same area, near Blagoveshchensk, Verkhneblagoveshchenskoe [76], 14.05.-4.08.1999, V.D.; 1♂ (ISEA), Maritime Prov., ca. 5 km S of Smolyaninovo, Romanovka [19], 1-13.05.1994, V.D.; 2♂♂, 4♀♀ (ISEA), 2♀♀ (ZMMU), same area, Lazo Rcs., 43°16'N, 134°08'E [31], 4.06.1975-7.09.1979, T.O.; 7♀♀ (ZMTU), same locality, 6-9.08.1998, Y.M.; 1♀ (ZMTU), same area, S part, Ussuri Reserve, 43°39'N, 132°33'E [28], 29-31.07.1998, Y.M.

***Phlegra fasciata* (Hahn, 1826)**

Phlegra fasciata: Prószynski 1979: 315, figs 257-259.

Localities. Maritime Prov.: Anisimovka (=Kangauz) [18] (Prószynski 1979).

Material examined. 2♂♂ (ISEA), Maritime Prov., Lazo Res., 43°16'N, 134°08'E [31], 8.05.1979, T.O.; 1♀ (ZMTU), same area, S part, near Anisimovka, 43°10'N, 132°46'E [18], 24-28.07.1998, Y.M.; 1♂ (ISEA), Amur Area, near Kundur [82], 10.06.1999, V.D.

***Plexippoides regius* Wesolowska, 1981**

Plexippoides regius: Dunin 1984: 137, fig. 51, 52; Kim & Kurenschikov 1995: 66.

Localities. Khabarovsk Prov.: Boitsovo [91] (Kim & Kurenschikov 1995). — Maritime Prov.: Pokrovka [25] (Dunin 1984).

Material examined. 1♂ (ISEA), Maritime Prov., ca. 20 km SE of Ussuriysk, Gornotaezhnoe [27], 1-2.06.1994, V.D.; 1♂ (ISEA), same locality, 14.06.1989, S. Kurbatov; 4♂♂, 1♀ (ISEA), Lazo Res., 43°16'N, 134°08'E [31], 22.06.1981, T.O.

***Pseudeuophrys iwatensis* (Bohdanowicz & Prószynski, 1987)**

Euophrys erratica: Prószynski 1979: 306, figs 64-68.

Euophrys iwatensis: Logunov *et al.* 1993: 106-107, fig. 3; Kim & Kurenschikov 1995: 65; Marusik *et al.* 1993: 82.

Pseudeuophrys iwatensis: Logunov 1998b: 119, figs 22, 27, 28, 31, 32.

Localities. Khabarovsk Prov.: Bolshoi Khekhtsyrsk Mt. Range [93] (Logunov *et al.* 1993). — Maritime Prov.: Kedrovka River [8], Yakovlevka [42] (Prószynski 1979: sub *Euophrys erratica*), Lazo Res. [31], Sredni Bikin River [46], Furugel'ma Isl. [2] (Logunov 1998b). — Sakhalin: «Tsapko» (Logunov *et al.* 1993), Dolinsk [64], Makarov [62] (Marusik *et al.* 1993).

Material examined. 2♀♀ (ISEA), Maritime Prov., Lazo Res., 43°16'N, 134°08'E [31], 6-8.08.1998, Y.M.

***Pseudicius chikunii* Logunov & Marusik, 1999**

Pseudicius chikunii Logunov & Marusik, 1999b: 25-27, figs 5, 10-13, 16.

Localities. Maritime Prov.: Khanka Lake [39] (Logunov & Marusik 1999).

***Pseudicius vulpes* (Grube, 1861)**

Pseudicius orientalis: Kulczynski 1895: 59-63, figs 12-14.

Pseudicius vulpes: Prószynski 1979: 316, figs 276-278; Dunin 1984: 137, figs 53-55; Marusik *et al.* 1993: 82; Logunov & Wesolowska 1992: 143.

Localities. Khabarovsk Prov.: Slavyanka [100], Khabarovsk [96] (Prószynski 1979), Sofiysk [108] (Dunin 1984), Bolshoi Khekhtsyrsk Mt. Range [93], Slavyanski Isl. [96] (Logunov & Wesolowska 1992). — Maritime Prov.: Anisimovka (=Kangauz) [18], Shkotovo [20], «Mikhailovskoe», Ussuriysk [26], Vladivostok [10], Kiparisovo [22], Kedrovaya Pad' Res. [8] (Prószynski 1979, Dunin 1984). — Sakhalin: Kostromskoe [53], Alexandrovsk-Sakhalinsk [57] (Dunin, 1984), Aniva [70], Dolinsk [64], Kholmsk [52] (Marusik *et al.* 1993). — Kurile Islands: Kunashir [71] (Marusik *et al.* 1993).

Material examined. 1♂ (SMNH), Khabarovsk Province,

Amur River Valley, near Slavyanka [100], 13.06.1993, B.Viklund; 1♀ (ZMTU), Maritime Prov., near Vladivostok (NW part) [10], 21.08.1998, Y.M.; 10♂♂, 3♀♀ (ISEA), 2♂♂, 1♀ (ZMMU), same area, Lazo Res. [31], 19.05.1975-5.07.1982, T.O.; 1♂ (ISEA), same area, Chernigovka Distr., Dmitrievka [36], summer 1991, S.G.; 1♀ (ISEA), same area, near Vladivostok, "Peter the Great" Bay [9], 6-8.09.1991, K.M.; 1♂, 1♀ (ZMMU), same area, Ussuri Distr., Gornotayozhnoe [27], 9-19.07.1990, S.G.; 5♂♂, 20♀♀ (ISEA), same area, Khanka Lake (SW shore), Kamen'-Rybolov Cape [39], 44°43'N, 132°05'E, 18.07.1998, Y.M.; 1♂ (ZMTU), same locality, S shore, Luzanova Sopka, 44°33'N, 132°23'E [39], 16-17.07.1998, Y.M.; 1♀ (ZMTU), same locality, SE shore, 44°39'N, 132°34'E [39], 15-16.07.1998, Y.M.

***Rhene atrata* (Karsch, 1881)**

Dendryphantes atratus: Prószynski 1979: 304, figs 18-29; Sternbergs 1988: 93.

Rhene atrata: Dunin 1984: 137, figs 56, 57.

Localities. Maritime Prov.: Khanka Lake [39], Kedrovka River [8] (Prószynski 1979), Tchistovodnoe [16], Dushkino [14], Tikhookeanskiy [12], Vladivostok [10], Artem [21] (Dunin 1984), Ussuriyski Res. [28] (Sternbergs 1988: sub *Dendryphantes a.*).

Material examined. 4♀♀ (ISEA), Maritime Prov., Lazo Res., Kievka [31], 43°16'N, 134°08'E, 15.08.1975-5.07.1982, T.O.; 2♂♂, 2♀♀ (ZISP), same area, Slavyanka, Tulomu Bay [7], summer 1911, Kuznetsov; 1♀ (ZISP), same area, Kamen'-Rybolov [39], 7.07.1908, A.Chersky; 1♀ (ISEA), same area, SW part, Khasan Distr., near Anisimovka, 42°35'N, 131°13'E [18], 11-15.07.1998, Y.M.; 1♀ (ISEA), same area, S part, Ussuriyski Reserve, 43°39'N, 132°33'E [28], 29-31.07.1998, Y.M.

***Salicus cingulatus* (Panzer, 1797)**

Salicus cingulatus: Logunov & Wesolowska 1992: 143; Kim & Kurenschikov 1995: 66.

Localities. Amur Area: Zeya Res. [86] (Logunov & Wesolowska 1992), Selemdzhinsk [84] (Kim & Kurenschikov 1995). — Khabarovsk Prov.: Bolshoi Khekhtsyrsk Mt. Range [93] (Logunov & Wesolowska 1992).

***Salicus latidentatus* Roewer, 1951**

Salicus latidentatus: Logunov & Marusik 1999b: 27, figs 9, 16.

Localities. Maritime Prov.: Khanka Lake [39] (Logunov & Marusik 1999b).

Material examined. 1♂ (ISEA), Amur Area, near Blagoveshchensk [76], 14.07.1996, A.N.Sreltsov.

***Salticus scenicus* (Clerck, 1758)**

Salticus scenicus: Logunov & Marusik 1999b: 27-28, figs 14-16.

Localities. Maritime Prov.: Khanka Lake [39] (Logunov & Marusik 1999b).

***Sitticus albolineatus* (Kulczynski, 1895)**

Sitticus albolineatus: Prószynski 1979: 316-317, 283-289; Dunin 1984: 137, figs 58-60; Marusik 1988: 1482; Marusik *et al.* 1992: 151; Logunov 1998a: 81.

Localities. Magadan Area: Sibit-Tyellakh River basin [123] (Marusik 1988), Arman' Pass [115], Vetrynni [124], Ust'-Omtchug [121], Seimtchan Town [128] (Marusik *et al.* 1992). — Maritime Prov.: Lazo Res. [31], Anisimovka (=Kangauz) [18], Kedrovaya Pad' Res. [8] (Prószynski 1979; Dunin 1984, Logunov 1998a).

Material examined. 1♀ (ZMTU), Maritime Prov., S part, 43°17'N, 134°12'E, 5.08.1998, Y.M.; 1♂ (ZMTU), same area, Ussuriyski Res., 43°39'N, 132°33'E [28], 29-31.07.1998, Y.M.; 1♂, 5♀ (ZMTU), same area, Lazo Res., 43°16'N, 134°08'E [31], 6-9.08.1998, Y.M.

***Sitticus cutleri* Prószynski, 1980**

Sitticus cutleri: Marusik 1988: 1482; Logunov & Wesolowska 1992: 143-144; Marusik *et al.* 1992: 151.

Sitticus catieri (misprint): Kim & Kurenschikov 1995: 66.

Localities. Magadan Area: Sibit-Tyellakh River basin [123] (Marusik 1988), Talon Town [113], Kulu [125], Vetrynni [124], Seimtchan Town [128] (Marusik *et al.* 1992). — Khabarovsk Prov.: Bolshoi Khekhtsyrs Mt. Range [93], Ulia River [110] (Logunov & Wesolowska 1992, Kim & Kurenschikov 1995: sub *Sitticus catieri*).

***Sitticus distinguendus* (Simon, 1868)**

Sitticus viduus (misidentification): Prószynski 1979: 317.

Sitticus avocator (misidentification): Logunov 1998a: 81.

Localities. Maritime Prov.: Kedrovaya Pad' Res. [8] (Prószynski 1979: sub *Sitticus viduus*), Lazo Res. [31] (Logunov 1998a: sub *Sitticus avocator*).

Material examined. 1♀ (ZMTU), Maritime Prov., SE part, ca. 25 km NE of Nakhodka [15], 18.08.1998, Y.M.; 3♀ (ZMTU), 2♀ (ISEA), same area, Ussuriyski Res., 43°39'N, 132°33'E [31], 29-31.07.1998, Y.M. & S.K.

***Sitticus eskovi* Logunov & Wesolowska, 1995**

Sitticus sp.: Marusik *et al.* 1992: 151.

Sitticus eskovi Logunov & Wesolowska, 1995: 164-167, figs 1-8.

Localities. Maritime Prov.: «Sokolovskaya Bay», Furugel'ma Isl. [2] (Logunov & Wesolowska 1995). — Kurile Islands: Iturup [72], Zelyony [74] (Logunov & Wesolowska 1995). — Sakhalin: Novo-Aleksandrovsk [65], «Utesnoe», Kril'on Peninsula [49], «Uspenskoe», Moneron Isl. [48] (Marusik *et al.* 1992: sub *Sitticus* sp., Logunov & Wesolowska 1995).

***Sitticus fasciger* (Simon, 1880)**

Sitticus fasciger: Prószynski 1979: 317; Logunov & Wesolowska 1992: 144; Kim & Kurenschikov 1995: 66; Logunov 1998a: 81.

Localities. Amur Prov.: Blagoveshchensk [76] (Logunov 1998). — Khabarovsk Prov.: Bolshoi Khekhtsyrs Mt. Range [93], Kiya River [92] (Logunov & Wesolowska 1992, Kim & Kurenschikov 1995). — Maritime Prov.: Khanka Lake [39], Anisimovka (=Kangauz) [18], Kedrovka River [8] (Prószynski 1979), Gornotaezhnoe [27], Lazo Res. [31] (Logunov 1998a).

***Sitticus finschi* (L. Koch, 1879)**

Sitticus finschi: Marusik 1988: 1482; Sternbergs 1988: 93; Marusik *et al.* 1992: 151; Marusik *et al.* 1993: 82.

Localities. Magadan Area: Sibit-Tyellakh River basin [123] (Marusik 1988), Kulu [125], the middle reaches of Cholomdza River [112], Seimtchan Town [128] (Marusik *et al.* 1992). — Maritime Prov.: Ussuri Prov. (Sternbergs 1988). — Sakhalin: Okha [59] (Marusik *et al.* 1993).

Notes. The above record of *Sitticus finschi* from the Maritime Province (Sternbergs 1988) is in need of a confirmation with the pertinent material.

***Sitticus floricola* (C.L. Koch, 1837)**

Sitticus floricola: Prószynski 1979: 317; Logunov & Wesolowska 1992: 144; Marusik *et al.* 1992: 151; Kim & Kurenschikov 1995: 66.

Localities. Magadan Area: Talon Town [113], Arman' Pass [115] (Marusik *et al.* 1992). — Khabarovsk Prov.: Tsymmermanovka [107] (Prószynski 1979), Bolshoi Khekhtsyrsk Mt. Range [93] (Logunov & Wesolowska 1992), Pashkovo [89], Komsomol'sk-na-Amure [101] (Kim & Kurenschikov 1995).

Material examined. 1♀ (SMNH), Khabarovsk Province, Amur River Valley, near Slavyanka [100], 13.06.1993, B. Viklund.

***Sitticus lineolatus* (Grube, 1861)**

Sitticus lineolatus: Marusik 1988: 1482; Marusik *et al.* 1992: 151.

Localities. Magadan Area: Sibit-Tyellakh River basin [123] (Marusik 1988), Arman' Pass [115], Koni Peninsula [120], Kontakt Field Station Spring [125], Chaun Bay [130], Amguema River [136], the middle reaches of Chegitun' River [138] (Marusik *et al.* 1992).

***Sitticus penicillatus* (Simon, 1875)**

Sitticus penicillatus: Marusik *et al.* 1992: 151.

Localities. Sakhalin: Kholmsk [52] (Marusik *et al.* 1992).

***Sitticus saxicola* (C.L. Koch, 1848)**

Sitticus saxicola: Logunov & Wesolowska 1995: 173–174, figs 10–16; Marusik *et al.* 1992: 151.

Localities. Sakhalin: Aniva [70], Dolinsk [64], Kholmsk [52], Korsakovo [69], Okha [59], Tomari [54] (Marusik *et al.* 1992), Chekhov's Peak [66], «Slepikovsky Cape», Ainskoe Lake [55] (Logunov & Wesolowska 1995).

***Synageles hilarulus* (C.L. Koch, 1846)**

Sitticus viduus: Prószynski 1979: 318, fig. 291.

Localities. Maritime Prov.: Anisimovka (=Kangauz) [18] (Prószynski 1979)

***Synageles morsei* Logunov & Marusik, 1999**

Synageles morsei Logunov & Marusik, 1999b: 28–29, figs 6–8, 16.

Localities. Maritime Prov.: Khanka Lake [39] (Logunov & Marusik 1999b).

***Synageles nigriculus* Danilov, 1997**

Synageles nigriculus Danilov, 1997: 115, fig. 1.

Localities. Amur Area: Khingan Res. [81] (Danilov 1997).

***Synageles venator* (Lucas, 1836)**

Synageles venator: Prószynski 1979: 318, figs 298–306; Logunov & Wesolowska 1992: 144; Marusik *et al.* 1992: 151; Kim & Kurenschikov 1995: 66.

Localities. Khabarovsk Prov.: Nikolaevsk-na-Amure [109] (Prószynski 1979, Logunov & Wesolowska 1992), Bolshoi Khekhtsyrsk Mt. Range [93] (Kim & Kurenschikov 1995). — Maritime Prov.: Kedrovka River [8], Ussuriyski Res. [28] (Prószynski 1979, Logunov & Wesolowska 1992). — Sakhalin: Aniva [70], Dolinsk [64], Kholmsk [52], Korsakov [69], Okha [59] (Marusik *et al.* 1992).

***Synagelides agoriformis* Strand in Bösenberg & Strand, 1906**

Synagelides agoriformis: Prószynski 1979 (females only): 318–319, figs 311–315; Dunin 1984: 139, figs 63, 64; Marusik *et al.* 1992: 151.

Localities. Maritime Prov.: Kedrovaya Pad' Res. [8], Ussuriyski Res. [28] (Prószynski 1979: females only), Vladivostok [10] (Dunin 1984). — Kurile Islands: Kunashir [71] (Marusik *et al.* 1992).

Material examined. 1♀ (ISEA), Maritime Prov., Lazo Res., 43°16'N, 134°08'E [31], 18.06.1981, T.O.; 4♂♂ (ISEA), same prov., Khasan Distr., Kedrovaya Pad' Res., Kedrovka River [8], 31.08.1988, L. A. Nesson.

Notes. See below comments on *Synagelides zhilcovae*.

***Synagelides zhilcovae* Prószynski, 1979**

Synagelides agoriformis (misidentification):

Prószynski 1979 (males only): 318-319, figs 307-310.

Synagelides zhilcovae Prószynski, 1979: 319, figs 316-317.

Synagelides zhilcovae: Dunin 1984: 139, fig. 65.

Localities. Maritime Prov.: Kedrovaya Pad' Res. [8] (Prószynski 1979: sub *Synagelides zhilcovae* and *Synagelides agoriformis*, males only; Dunin 1984).

Material examined. 1♂ (ZMMU), Khabarovsk Prov., near Boitsovo [91], summer 1990, S. I. Golovatch; 1♂ (ZMTU), Maritime Prov., near Vladivostok (NW part) [10], 21.08.1998, Y.M.; 1♂ (ISEA), same area, Anuchino Distr., 30.07-6.08.1984, Bakurov; 1♂ (ZMMU), 1♂, 3♀♀ (ISEA), same area, Lazo Res., 43°16'N, 134°08'E [31], 07.1977-23.07.1981, T.O.; 5♀ (ISEA), same area, S part, near Anisimovka, 43°10'N, 132°46'E [18], 28.07-9.08.1998, Y.M.; 1♂, 1♀ (ISEA), same area, S part, Ussuriyski Res., 43°39'N, 132°33'E [28], 29-31.07.1998, Y.M.; 1♂, 2♀♀ (ISEA), same area, ca. 20 km SE of Ussuriysk, near Gornotaehzhoe [27], 1-2.06.1994, V.D.; 1♂, 3♀♀ (ISEA), same area, Khasan Distr., near Andreevka, 42°35'N, 131°13'E [5], 11-15.08.1998, Y.M.; 1♀ (ZMTU), same area, S part, Pravaya Izvilinka River, 43°52'N, 134°17'E [33], 2.08.1998, Y.M.; 1♀ (ISEA), same area and distr., Vityaz' Bay, Gamova Peninsula [4], 20-23.05.1994, V.D.; 1♀ (ISEA), same area and distr., Popova Isl. [9], 31.07.1978, B. P. Zakharov; 1♀ (ISEA), Furugel'ma Isl. [2], 18.07.1975, M. T. Sternbergs; 1♂, 1♀ (ISEA), same area and distr., Peter-the-Great Gulf, Nerpitch'ya Bay [9], 3.09.1978, B. P. Zakharov; 1♀ (ISEA), Kurile Islands, Kunashir [71], 28.08.1988, A. M. Basarukin; 1♀ (ISEA), same isl., Lesnaya River, 44°01'N, 145°46'E [71], 1.09.1995, Y.M.; 1♂, 2♀♀ (ZMMU), same isl., near Otradnoe [71], 19.09.1987, A. M. Basarukin; 1♂, 2♀♀ (ISEA), Kurile Islands, Shikotan Isl., Krabozavodskoe, 43°50'N, 146°46'E [73], 10-18.09.1997, Y.M.

Notes. All the males reported and determined hitherto by Prószynski (1979) from the Russian Far East as *Synagelides agoriformis* in reality belong to *Synagelides zhilcovae* (Prószynski's specimens re-examined).

Talavera minuta (Banks, 1895)

Talavera minuta: Marusik 1988: 1482; Marusik et al. 1992: 151; Marusik & Logunov 1994: 131-132, figs 1, 2.

Localities. Magadan Area: Sibit-Tyellakh River basin (Olen' River) [123] (Marusik 1988, Marusik et al. 1992, Marusik & Logunov 1994).

Yaginumaella medvedevi Prószynski, 1979

Yaginumaella medvedevi Prószynski, 1979: 320, figs 318-322.

Yaginumaella medvedevi: Dunin 1984: 139, figs 66, 67; Logunov & Wesolowska 1992: 144; Marusik et al. 1992: 151; Kim & Kurenschchikov 1995: 66.

Localities. Khabarovsk Prov.: Uktur River [105], Sofiysk [108] (Dunin 1984), Bolshoi Khekhtsyr Mt. Range [93] (Logunov & Wesolowska 1992, Kim & Kurenschchikov 1995). — Maritime Prov.: Dushokino [14], Domashlino [13], Vladivostok [10], Ussuriyski Res. [28], Kedrovaya Pad' Res. [8], Anisimovka (=Kangauz) [18], Vinogradovka [29], Tigrovoi [17] (Prószynski 1979, Dunin 1984, Logunov & Wesolowska 1992).

Material examined. 1♂, 1♀ (ISEA), Maritime Prov., Vladivostok [10], 19-28.05.1994, V.D.; 1♂, 2♀♀ (ZMMU), 3♂♂, 10♀♀ (ISEA), same locality, 6-8.10.1991, K.M.; 1♂, 2♀♀ (ISEA), same area, Nadezhdino Distr., ca. 12 km NW of Vinevitino, Malya El'duga River [23], 8-9.06.1994, V.D.; 2♂♂, 1♀ (ISEA), same area, ca. 20 km SE of Ussuryisk, Gornotaehzhoe [27], 1-2.06.1994, V.D.; 1♂ (ZMMU), same locality, 9-19.07.1990, S.G.; 1♂ (ISEA), same area, Gamova Peninsula, Vityaz' Bay [4], 20-23.05.1994, V.D.; 1♂ (ZMTU), same area, near Lazo Town [30], 9.08.1998, Y.M.; 29♂♂, 30♀♀ (ISEA), 6♂♂, 8♀♀ (ZMMU), same area, Lazo Res., 43°16'N, 134°08'E [31], 11.05.1975-20.06.1981, T.O.; 2♀♀ (ZMMU), same area, Ussuriysk [26], 13-20.07.1991, S.G.; 1♀ (ZMMU), same area and distr., Kamenushka [26], 10.06.1989, S. Kurbatov; 1♂ (ZMTU), same area, Pravaya Izvilinka River, 43°55'N, 134°23'E [33], 1-2.08.1998, Y.M.; 2♀♀ (ZMMU), Khabarovsk Province, Boitsovo [91], summer 1990, S.G.

Notes. The record from Kurile Islands, Kunashir [71] (Prószynski 1979; Marusik et al. 1992) seems to be based on misidentification. After the first record (Prószynski 1979) we have examined hundred specimens of *Yaginumaella* from Kunashir, but *Y. medvedevi* was not found. This species seems to be restricted to the mainland and to be absent from islands.

Yaginumaella striatipes (Grube, 1861)

Attus striatipes Grube, 1861: 25.

Pellenes striatipes: Prószynski 1971: 219, figs 28-29.

Attus striatipes: Azheganova & Stenchenko 1977: 111.

Yaginumaella striatipes: Prószynski 1979: 320, figs 323-324; Dunin 1984: 139, figs 68-70; Logunov & Wesolowska 1992: 144; Marusik et al. 1992: 151; Kim & Kurenschchikov 1995: 66.

Localities. Amur Area: no precise locality (Azheganova & Stenchenko 1977: sub *Attus stri-*

atipes). — Khabarovsk Prov.: Nikolaevsk-na-Amure [109] (Grube 1861, Prószynski 1979), Bolshoi Khekhtsyrs Mt. Range [93], Slavyanka [100] (Logunov & Wesolowska 1992), Boitsovo [91], Komsomol'sk-na-Amure [101] (Kim & Kurenchikov 1995). — Maritime Prov.: Shkotovo [20] (Prószynski 1979), Vladivostok [10] (Dunin 1984), Chuguevka [43] (Logunov & Wesolowska 1992). — Sakhalin: «Shebunino» (Dunin 1984), Aniva [70], Alexandrovsk-Sakhalinsky [57], Dolinsk [64], Kholmsk [52], Korsakov [69], Nevel'sk [51], Tomari [54], Moneron Isl. [48] (Marusik *et al.* 1992). — Kurile Islands: Iturup [72], Kunashir [71] (Marusik *et al.* 1992).

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