

New records of linyphiid spiders from Russia, with taxonomic and nomenclatural notes (Aranei: Linyphiidae)

Новые находки пауков-линифиид в России с заметками по таксономии и номенклатуре (Aranei: Linyphiidae)

A.V. Tanasevitch

А.В. Танасевич

Centre for Forest Ecology and Production Russian Academy of Sciences, Profsoyuznaya Str., 84/32, Moscow 117997 Russia.
Центр по проблемам экологии и продуктивности лесов РАН, Профсоюзная ул., 84/32, Москва 117997 Россия.

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КЛЮЧЕВЫЕ СЛОВА: Пауки, Linyphiidae, таксономия, фаунистика, новые синонимы, новые комбинации, Россия.

ABSTRACT. New records of 210 linyphiid spiders from different regions of Russia are given. All records of *Entelecara errata* O. Pickard-Cambridge, 1913, *E. media* Kulczyński, 1887 or *E. sombra* (Chamberlin et Ivie, 1947) from Middle, East and South Siberia, as well as the Russian Far East actually concern *E. erythropus* (Westring, 1851). All records of *Floronia exornata* (L. Koch, 1878) in Russia are in fact those of *F. bucculenta* (Clerck, 1757). A new replacement name is proposed for *Eldonia* Tanasevitch, 1996, i.e. *Eldonnia* nom.n. (praeocc.: *Eldonia* Walcott, 1911, Echinodermata). The monotypic subgenus *Sachaliphantes* Saaristo et Tanasevitch, 2003 is elevated to full generic rank, stat.n. The following new synonyms and combinations are proposed (valid names on the right): *Incestophantes obtusus* Tanasevitch, 1996 = *Incestophantes kochiellus* (Strand, 1900), syn.n.; *Pelecopsis baicalensis* Marusik, Koponen et Danilov, 2001 = *Pelecopsis parallela* (Wider, 1834), syn.n.; *Zornella orientalis* Marusik, Buckle et Koponen, 2007 = *Zornella cultrigera* (L. Koch, 1879), syn.n.; *Eldonnia kayacensis* (Paik, 1965), comb.n. ex of *Eldonia*; *Sachaliphantes sachalinensis* (Tanasevitch, 1988), comb.n. ex of *Mughiphantes* Saaristo et Tanasevitch, 1999; *Tanasevitchia strandi* (Ermolajev, 1937), comb.n. ex of *Minicia* Thorell, 1875.

РЕЗЮМЕ. Приведены новые находки 210 видов пауков-линифиид из различных регионов России. Все указания видов *Entelecara errata* O. Pickard-Cambridge, 1913, *E. media* Kulczyński, 1887 и *E. sombra* (Chamberlin et Ivie, 1947) из Средней, Восточной и Южной Сибири, а также Российского Дальнего Востока относятся к *E. erythropus* (Westring, 1851). Все находки *Floronia exornata* (L. Koch,

1878) в России относятся к *F. bucculenta* (Clerck, 1757). Для рода *Eldonia* Tanasevitch, 1996 предложено новое название *Eldonnia* ном.н. взамен преоккупированного (*Eldonia* Walcott, 1911, Echinodermata). Монотипическому подроду *Sachaliphantes* Saaristo et Tanasevitch, 2003 придан ранг рода. Установлены новые синонимы и комбинации (валидные названия справа): *Incestophantes obtusus* Tanasevitch, 1996 = *Incestophantes kochiellus* (Strand, 1900), syn.n.; *Pelecopsis baicalensis* Marusik, Koponen et Danilov, 2001 = *Pelecopsis parallela* (Wider, 1834), syn.n.; *Zornella orientalis* Marusik, Buckle et Koponen, 2007 = *Zornella cultrigera* (L. Koch, 1879), syn.n.; *Eldonnia kayacensis* (Paik, 1965), comb.n. из *Eldonia*; *Sachaliphantes sachalinensis* (Tanasevitch, 1988), comb.n. из *Mughiphantes* Saaristo et Tanasevitch, 1999; *Tanasevitchia strandi* (Ermolajev, 1937), comb.n. из *Minicia* Thorell, 1875.

Introduction

This paper puts on record the linyphiids, mainly from my personal collection, which are new to some administrative bodies and/or geographic regions of Russia, e.g. Khakassia, Kamchatka, Lake Baikal region, etc, as well as to certain nature reserves, e.g., Bureinskiy, Kedrovaya Pad', Kronotskiy, Kuznetskiy Alatau, Laplandskiy, Norskiy etc.

Material and methods

This paper is mainly based on material taken by the author, as well as on the collection of the Zoological Museum of the Moscow Nature University (ZMMU). The material is stored in the personal collection, if not indicated otherwise. Scale line in figures = 0.1 mm.

New records of linyphiid spiders in Russia

Abiskoa abiskoensis Holm, 1945

MATERIAL. 2 ♂♂, Kamchatka, Milkovo (54°41'N, 158°38'E), Kamchatka River Valley, *Betula* forest with Gramineae, in grass, 23 & 24.VIII.1987; 5 ♂♂, 11 ♀♀, Maritime Province, 35 km SE of Chyuguevka, Verkhneussuriyskiy Field Station (43°57'N, 134°01'E), in pile of logs, 11.VII.1990. All leg. A. Tanasevitch.

Agyneta affinis (Kulczyński, 1898)

MATERIAL. 2 ♂♂, Novosibirsk Area, near Koltsovo (54°90'N, 83°18'E), margin of birch forest, in grass, 29.V.1988, leg. D. Logunov.

Agyneta mollis (O. Pickard-Cambridge, 1871)

MATERIAL. 3 ♂♂, Khabarovsk Province, Verkhnebureinskiy District, 20th km of Chegdomyn to Urgal road, mosses and plant debris on swampy sides of lake with *Carex* spp., Poaceae gen. sp., *Ledum palustre*, *Chamaedaphne calyculata*, *Vaccinium uliginosum*, *Spiraea* sp., *Sphagnum* spp., undergrowth of *Betula platyphylla* and *Larix gmelinii*, 6.X.2006, leg. A. Ryvkin; 1 ♀, Maritime Province, Chernigovka District, near Dmitriyevka Village (44°21'N, 132°47'E), willow stands, in sedge, 24–30.VII.1990, leg. A. Tanasevitch.

Agyneta mossica (Schikora, 1993)

MATERIAL. 1 ♀, Tyumen' Area, Pyt'-Yakh (60°44'N, 72°46'E), taiga, 13.VIII.2005, leg. L. Rybalov.

Agyneta rurestris (C.L. Koch, 1836)

MATERIAL. 1 ♂, Samara Area, near Neftegorsk (52°48'N, 51°10'E), *Artemisia* steppe, 5.X.1999, leg. A. Tanasevitch.

Agyneta similis (Kulczyński, 1926)

MATERIAL. 5 ♂♂, 3 ♀♀, Kamchatka, Kronotskiy Nature Reserve, 2 km W of Geysers Valley (54°20'N, 159°17'E), mountain tundra, 1000 m a.s.l., *Pinus pumila* stands, in moss & lichen, 2 & 3.IX.1987, leg. A. Tanasevitch.

Agyneta simplicitarsis (Simon, 1884)

MATERIAL. 1 ♂, Novosibirsk Area, near Koltsovo (54°90'N, 83°18'E), margin of birch forest, in grass, 29.V.1988, leg. D. Logunov.

COMMENTS. This species has hitherto been known in Asia only from Eastern Kazakhstan [Tanasevitch, 2004].

Agyneta tibialis Tanasevitch, 2005

MATERIAL. 1 ♂, Irkutsk Area, Lake Baikal, Bolshiye Koty Field Station (51°54'N, 105°04'E), on rocky slope of lake bank, 19.VI.1988, leg. A. Tanasevitch.

Agpyhantes sajanensis (Eskov et Marusik, 1994)

MATERIAL. 12 ♀♀, Irkutsk Area, Lake Baikal, Marituy Field Station (51°46'N, 104°11'E), *Betula* & *Alnus* forest, in litter and moss, 11.VII.1988, leg. A. Tanasevitch; 1 ♀, Khakassia, Kuznetskiy Alatau Mts, Terensug River Valley, 7–20 km NE of Balyksa (53°24'N,

89°07'E), 25.V.1997, leg. R. Dudko; 4 ♀♀, Krasnoyarsk Province, Ermakovskoye District (53°16'N, 92°23'E), West Sayan, Ergaki Mt Ridge, Oiskiy Pass, 1800 m a.s.l., maintain tundra, 10–11.VII.1990, leg. D. Logunov; 1 ♀, near Aradan Village (52°34'N, 93°26'E), pebble bank of Us River, 2.VII.1990, leg. D. Logunov.

Allomengea dentisetis (Grube, 1861)

MATERIAL. 1 ♀, Irkutsk Area, 200 km N of Lake Baikal, Zhigalovo District, pipeline Kovykta to Zhigalovo (54°43'N, 105°17'E), *Betula* forest, 10–14.VIII.2006, leg. L. Rybalov; 1 ♀, Amurskaya Area, Mazanovskiy District, right side of Seledmzha River between Nora River mouth and Ust'-Norskaya mountain, Lodochnikova channel, 215–230 m a.s.l., under bark and in rotten wood of *Alnus* sp., *Padus* sp., *Populus* sp., *Betula platyphylla*, *Larix gmelinii*, 14.VIII.2006, leg. E. Veselova & A. Ryvkin; 2 ♀, Maritime Province, Ussuriyskiy District, near Gornotayozhnoye Village (43°42'N, 132°09'E), broadleaved forest, in litter, 22.VII.1990, leg. A. Tanasevitch; 8 ♂♂, 2 ♀♀, Khasanskiy District, Kedrovaya Pad' Nature Reserve (43°11'N, 131°28'E), bank of river, in grass, VIII. 1990, leg. A. Tanasevitch.

Allomengea scopigera (Grube, 1859)

MATERIAL. 1 ♂, 1 ♀, Kamchatka, Milkovo (54°41'N, 158°38'E), Kamchatka River Valley, *Betula* forest with Gramineae, in litter, 23 & 24.VIII.1987, leg. A. Tanasevitch; 1 ♀, Kemerovo Area, Kuznetskiy Alatau Mts, Mt Bolshoi Zub, 1500–1700 m a.s.l., alpine, 26.IX.1997, leg. R. Dudko & I. Lyubechyansky; 1 ♀, same, environs of Mezhdurechensk (53°39'N, 88°0'N) (53°40'N, 88°04'E), 3 km upper Usa River mouth, 23.IX.1997, leg. R. Dudko & I. Lyubechyansky.

Anguliphantes cerinus (L. Koch, 1879)

MATERIAL. 1 ♀, Khakassia, Kuznetskiy Alatau Mts, 15 km NE of Balyksa (53°24'N, 89°07'E), right affluent of Terensug River, 1000–1400 m a.s.l., 19.V.1997, leg. R. Dudko; 1 ♀, Kemerovo Area, Kuznetskiy Alatau Nature Reserve, environs of Bezmyanka River mouth (54°54'N, 88°17'E), 14.VII.1994, leg. A. Ryvkin.

Anguliphantes dybowski (O. Pickard-Cambridge, 1873)

MATERIAL. 1 ♂, 2 ♀♀, Irkutsk Area, 200 km N of Lake Baikal, Zhigalovo District, pipeline Kovykta to Zhigalovo (54°43'N, 105°17'E), *Pinus sibirica* forest with *Betula*, 13.VIII.2006, leg. L. Rybalov.

Anguliphantes sibiricus (Tanasevitch, 1986)

MATERIAL. 1 ♀, Irkutsk Area, 200 km N of Lake Baikal, Zhigalovo District, pipeline Kovykta to Zhigalovo (54°43'N, 105°17'E), *Pinus sibirica* forest with *Betula*, 13.VIII.2006, leg. L. Rybalov; 1 ♂, Khakassia, Kuznetskiy Alatau Mts, 15 km NE of Balyksa (53°24'N, 89°07'E), right affluent of Terensug River, 1000–1400 m a.s.l., 19.V.1997, leg. R. Dudko; 1 ♀, 20 km NE of Balyksa (53°24'N, 89°07'E), right affluent of Kainzas River, 1000 m a.s.l., forest, 22 & 23.V.1997, leg. R. Dudko; 2 ♀♀, Kemerovo Area, Kuznetskiy Alatau Nature Reserve, ca 16 km SW of Belogorsk, Kiya River, Bezmyanka River delta (54°54'N, 88°17'E), taiga, 14–17.VII.1994, leg. S. Golovatch & A. Ryvkin; 3 ♀♀, same, environs of Bezmyanka River mouth, 14.VII.1994, leg. A. Ryvkin.

Araeoncus vorkutensis Tanasevitch, 1984

MATERIAL. 1 ♀, Khakassia, Kuznetskiy Alatau Mts, 20 km NE of Balyksa (53°24'N, 89°07'E), right affluent of Kainzas River, 1000 m a.s.l., forest, 19.V.1997, leg. R. Dudko; 1 ♂, 15 km NE

of Balyksa (53°24'N, 89°07'E), right affluent of Terensug River, 1000–1400 m a.s.l., 19.V.1997, leg. R. Dudko; 1 ♀, 5 km below Balyksa (53°24'N, 89°07'E), bank of Tom River, 25.V.1997, leg. R. Dudko; 5 ♀, Kemerovo Area, Kuznetskiy Alatau Nature Reserve, Kiya River mouth (54°54'N, 88°17'E), 16.VII.1994, leg. A. Ryvkin.

Asthenargoides kurenstchikovi Eskov, 1993

MATERIAL. 2 ♂♂, 8 ♀♀, Maritime Province, Khasanskiy District, Kedrovaya Pad' Nature Reserve (43°11'N, 131°28'E), broadleaved-*Abies holophylla* forest, in litter, VIII.1990, leg. A. Tanasevitch.

Asthenargoides kurtchevae Eskov, 1993

MATERIAL. 1 ♀, Maritime Province, Ussuriyskiy District, near Gornotayozhnoye Village (43°42'N, 132°09'E), broadleaved forest, in litter, 9–19.VII.1990, leg. A. Tanasevitch.

Bathyphantes canadensis (Emerton, 1882)

MATERIAL. 5 ♂♂, 8 ♀♀, Khabarovsk Province, Verkhneurenskiy District, Bureinskiy Nature Reserve (buffer zone) near Strelka Cordon (54°54'N, 88°17'E), 550 m a.s.l., mosses and plant debris among *Carex* spp. and Poaceae on sandy bank of narrow afforested channel of Umal'ta-Makit River, 29.IX.2006, leg. A. Ryvkin.

Bathyphantes eumenis (L. Koch, 1879)

MATERIAL. 1 ♂, Kamchatka, 5 km SW Zhupanovo (54°05'N, 159°57'E), *Abies* forest, litter, 30.VIII.1987; 4 ♀, Petropavlovsk-Kamchatsky, hill near bank of Avacha Bay, *Betula* forest, in litter, 22.VIII.1987; 2 ♂♂, 14 ♀♀, same, bank of lake, *Salix* stands with Gramineae, in litter, 26.IX.1988; 10 ♀♀, environs of Petropavlovsk-Kamchatsky, near Elizovo, *Betula* forest with Gramineae, in litter, 11.VIII.1987; 5 ♀♀, Milkovo (54°41'N, 158°38'E), Kamchatka River Valley, dry bottom of Kamchatka River, *Equisetum*, 23 & 24.VIII.1987; 6 ♀♀, Kamchatka, near Malki (53°19'N, 157°27'E), bank of Bystraya River, *Salix* stands, in litter, 28.IX.1988; 6 ♀♀, Maritime Province, Khasanskiy District, Kedrovaya Pad' Nature Reserve (43°11'N, 131°28'E), bank of river, in grass, VIII.1990; 5 ♀♀, Maritime Province, 35 km SE of Chyuguevka, Verkhneussuriyskiy Field Station (43°57'N, 134°01'E), in pile of logs, 11.VII.1990. All leg. A. Tanasevitch; 1 ♀, Khakassia, Kuznetskiy Alatau Mts, Teren-Kazyrsky Mt Ridge, 25 km NNE of Balyksa (53°24'N, 89°07'E), environs of Mt Odionokaya, 1500–1900 m a.s.l., alpine, 21.V.1997, leg. R. Dudko; 1 ♂, 15 km NE of Balyksa (53°24'N, 89°07'E), right affluent of Terensug River, 1000–1400 m a.s.l., 19.V.1997, leg. R. Dudko; 1 ♂, 2 ♀, Kuznetskiy Alatau Nature Reserve, ca 16 km SW of Belogorsk, Kiya River (54°54'N, 88°17'E), Bezymyanka River delta, taiga, 14–17.VII.1994, leg. S. Golovatch & A. Ryvkin.

Bathyphantes gracilis (Blackwall, 1841)

MATERIAL. 2 ♂♂, 1 ♀, Amurskaya Area, Selemdzhinskiy District, Selemdzha River, 4 km up-stream of Ekimchan, up-stream of Unerikan Rill mouth, 494 m a.s.l., mosses and leaf litter in swampy larch forest with undergrowth of *Alnus* sp., *Vaccinium vitis-idaea*, *Ledum palustre*, Poaceae gen. sp., *Carex* spp., *Pyrola* sp., *Rubus arcticus*, *Hylocomium splendens*, *Sphagnum* spp., *Polytrichum commune*, etc., with open water in depressions, near river bank, 27.VIII.2006, leg. A. Ryvkin; 1 ♀, Petropavlovsk-Kamchatsky, bank of pond, *Salix* stands with Gramineae, in litter, 26.IX.1988, leg. A. Tanasevitch; 3 ♂♂, 12 ♀♀, Maritime Province, Chernigovka District, near Dmitriyevka Village (44°21'N, 132°47'E), sedge meadow, 24–30.VII.1990, leg. A. Tanasevitch.

NOTE. All specimens from the Maritime Province show a coloured abdomen.

Bathyphantes humilis (L. Koch, 1879)

MATERIAL. 1 ♀, Kamchatka, Petropavlovsk-Kamchatsky, sea-coast, in grass, 26.IX.1988, leg. A. Tanasevitch.

Bathyphantes jeniseicus Eskov, 1979

MATERIAL. 1 ♂, 1 ♀, Maritime Province, Chernigovka District, near Dmitriyevka Village (44°21'N, 132°47'E), willow stands, in sedge, 24–30.VII.1990, leg. A. Tanasevitch.

Bathyphantes parvulus (Westring, 1851)

MATERIAL. 1 ♀, Maritime Province, Chernigovka District, near Dmitriyevka Village (44°21'N, 132°47'E), willow stands, in sedge meadow, 16.VII.1990, leg. A. Tanasevitch.

NOTE. The specimen shows a coloured abdomen.

Bathyphantes pogonias Kulczyński, 1885

MATERIAL. 1 ♀, Kamchatka, 5 km SW Zhupanovo (54°05'N, 159°57'E) (54°05'N, 159°57'E), *Abies* forest, litter, 30.VIII.1987; 3 ♀♀, Kronotskiy Nature Reserve, Geysers Valley (54°20'N, 159°17'E), *Alnus* forest with fern on slope, 500–600 m a.s.l., in litter, 30.VIII.–1.IX.1987; 1 ♂, 7 ♀♀, same, open slope, in grass, 30.VIII.–1.IX.1987; 5 ♂♂, 6 ♀♀, near Petropavlovsk-Kamchatsky, Paratunka, *Betula* forest with Gramineae, in litter, 12.VIII.1987; more than 100 ♂♂ & ♀♀, Milkovo (54°41'N, 158°38'E), Kamchatka River Valley, *Betula* forest with Gramineae, in grass, 23 & 24.VIII.1987; 8 ♀♀, same, Kamchatka River Valley, dry bottom of Kamchatka River, *Equisetum*, 23 & 24.VIII.1987; 1 ♂, 5 ♀♀, near Malki (53°19'N, 157°27'E), bank of Bystraya River, *Salix*, in litter, 28.IX.1988; 3 ♀, SW of Kamchatka, middle flow of Golygina River (51°52'N, 156°52'E), *Salix* stands, in moss & litter, 23.X.1988. All leg. A. Tanasevitch.

Bathyphantes reprobis (Kulczyński, 1916)

MATERIAL. 3 ♀♀, Khakassia, Kuznetskiy Alatau Mts, 20 km NE of Balyksa (53°24'N, 89°07'E), right affluent of Kainzas River, 1000 m a.s.l., forest, 22 & 23.V.1997, leg. R. Dudko.

Bathyphantes setiger F.O. Pickard-Cambridge, 1894

MATERIAL. 3 ♂♂, 6 ♀♀, Maritime Province, Chernigovka District, near Dmitriyevka Village (44°21'N, 132°47'E), willow stands, in sedge, 16.VII.1990, leg. A. Tanasevitch.

Bolyphantes alticeps (Sundevall, 1832)

MATERIAL. 2 ♀♀, Kamchatka, 5 km SW of Zhupanovo (54°05'N, 159°57'E), *Abies* forest, litter, 30.VIII.1987; 1 ♂, 2 ♀♀, Petropavlovsk-Kamchatsky, hill near bank of Avacha Bay, *Betula* forest, in litter, 22.VIII.1987; 3 ♂♂, 16 ♀♀, same locality, 16–19.IX.1988; 2 ♀♀, Kronotskiy Nature Reserve, Geysers Valley (54°20'N, 159°17'E), *Betula* sparse forest with *Filipendula* on slope, 500–600 m a.s.l., litter, 30.VIII.–1.IX.1987; 2 ♀, same, open slope with *Geranium*, 30.VIII.–1.IX.1987; 3 ♂♂, 1 ♀, Geysers Valley (54°20'N, 159°17'E), 400 m a.s.l., thermal spring, on soil surface, 30.VIII.–1.IX.1987; 2 ♀♀, caldera of Volcano Uzon (54°29'N, 160°0'E), mountain tundra, *Vaccinium uliginosum*, 5.IX.1987; 1 ♂, 4 ♀♀, Milkovo (54°41'N, 158°38'E), Kamchatka River Valley, *Betula* forest with Gramineae, in grass, 23 & 24.VIII.1987. All leg. A. Tanasevitch.

Bolyphantes distichus (Tanasevitch, 1986)

MATERIAL. 1 ♂, Khakassia, Kuznetskiy Alatau Mts, 20 km NE of Balyksa (53°24'N, 89°07'E), right affluent of Kainzas River, 1000 m a.s.l., forest, 22 & 23.V.1997, leg. R. Dudko.

Carorita limnaea (Crosby et Bishop, 1927)

MATERIAL. 12 ♀♀, Irkutsk Area, Lake Baikal, Marituy Field Station (51°46'N, 104°11'E), swampy *Betula* forest, in *Sphagnum*, 13.VII.1988; 4 ♀♀, same, *Picea-Pinus sibiricus* forest, in moss, 8.VII.1988. All leg. A. Tanasevitch.

Centromerus amurensis Eskov et Marusik, 1992

MATERIAL. 1 ♂, Irkutsk Area, 200 km N of Lake Baikal, Zhigalovo District, pipeline Kovykta to Zhigalovo (54°43'N, 105°17'E), *Pinus sibirica* forest with *Betula*, 11.VIII.2006, leg. L. Rybalov.

Centromerus clarus (L. Koch, 1879)

MATERIAL. 4 ♀♀, Irkutsk Area, 200 km N of Lake Baikal, Zhigalovo District, pipeline Kovykta to Zhigalovo (54°43'N, 105°17'E), *Pinus* forest, 13.VIII.2006, leg. L. Rybalov; 3 ♂♂, 2 ♀♀ Khakassia, Kuznetskiy Alatau Mts, 15 km NE of Balyksa (53°24'N, 89°07'E), right affluent of Terensug River, 1000–1400 m a.s.l., 19.V.1997, leg. R. Dudko; 1 ♂, 1 ♀, 20 km NE of Balyksa (53°24'N, 89°07'E), Kainzas River, 1000 m a.s.l., 23.V.1997, leg. R. Dudko; 5 ♀, Kemerovo Area, Kuznetskiy Alatau Nature Reserve, environs of Bezmyanka River mouth (54°54'N, 88°17'E), 14.VII.1994, leg. A. Ryvkin; 1 ♂, 3 ♀, same, Kiya River, 2 km upper of Bezmyanka River mouth, 17.VII.1994, A. Ryvkin; 1 ♀, ca 16 km SW of Belogorsk, Kiya River, Bezmyanka River delta, taiga, 14–17.VII.1994, leg. S. Golovatch & A. Ryvkin.

Centromerus levitarsis (Simon, 1884)

MATERIAL. 1 ♀, Irkutsk Area, 200 km N of Lake Baikal, Zhigalovo District, pipeline Kovykta to Zhigalovo (54°43'N, 105°17'E), *Pinus* forest, 13.VIII.2006, leg. L. Rybalov.

Centromerus sylvaticus (Blackwall, 1841)

MATERIAL. 3 ♂♂, 12 ♀♀, Kamchatka, 5 km SW Zhupanovo (53°33'N, 159°41'E), *Abies* forest, litter, 30.VIII.1987; 6 ♂♂, 3 ♀♀, Kamchatka, Kronotskiy Nature Reserve, Geysers Valley (54°20'N, 159°17'E), *Betula* sparse forest with *Filipendula* on slope, 500–600 m a.s.l., in litter, 30.VIII.–1.IX.1987; 11 ♂♂, 21 ♀♀, same, *Alnus* forest with fern, 30.VIII.–1.IX.1987; 6 ♀♀, 17 ♀♀, Petropavlovsk-Kamchatsky, hill near bank of Avacha Bay, *Betula* forest, litter, 22.VIII.1987; 2 ♂♂, 13 ♀♀, environs of Petropavlovsk-Kamchatsky, Paratunka, *Betula* forest with Gramineae, in litter, 12.VIII.1987; 2 ♂♂, 4 ♀♀, Milkovo (54°41'N, 158°38'E), Kamchatka River Valley, *Betula* forest with fern, 23 & 24.VIII.1987; 2 ♀♀, same, dry bottom of Kamchatka River, *Equisetum*, 23 & 24.VIII.1987; 2 ♂♂, near Malki (53°19'N, 157°27'E), bank of Bystraya River, *Salix* stands, in litter, 28.IX.1988; 1 ♂, 7 ♀♀, SW of Kamchatka, mouth of Golygina River (51°53'N, 156°31'E), *Salix* stands, in litter, 29.X.1988. All leg. A. Tanasevitch; 1 ♂, 2 ♀, Kemerovo Area, environs of Mezhdurechensk (53°39'N, 88°0'N), 3 km upper of Usa River mouth, 23.IX.1997, leg. R. Dudko & I. Lyubechysky; 1 ♀, Kemerovo Area, Kuznetskiy Alatau Nature Reserve, Kiya River mouth (54°54'N, 88°17'E), 16.VII.1994, leg. A. Ryvkin.

Ceraticelus bulbosus (Emerton, 1882)

MATERIAL. 1 ♀, Khabarovsk Province, Verkhnebureinskiy District, Bureinskiy Nature Reserve near Strelka Nõrdon, 570 m

a.s.l., moss-undershrub larch sparse forest on gentle slope with shallow gullies, with *Ledum*, *Pinus pumila*, *Vaccinium vitis-idaea*, *V. uliginosum*, *Hylocomium splendens*, *Pleurozium schreberi*, *Ptilium crista-castrensis*, *Dicranum* sp., *Sphagnum* spp., *Polytrichum* spp., etc., 21.IX.2006, leg. A. Ryvkin.

Ceratinella brevis (Wider, 1834)

MATERIAL. 1 ♂, 4 ♀♀, Irkutsk Area, 200 km N of Lake Baikal, Zhigalovo District, pipeline Kovykta to Zhigalovo (54°43'N, 105°17'E), swampy *Larix* forest, 13.VIII.2006, leg. L. Rybalov; 1 ♀, Kuznetskiy Alatau Nature Reserve, ca 16 km SW of Belogorsk, Kiya River, Bezmyanka River delta (54°54'N, 88°17'E), taiga, 14–17.VII.1994, leg. S. Golovatch & A. Ryvkin.

NOTE. The male has no dorsal abdominal scutum.

Ceratinella wideri (Thorell, 1871)

MATERIAL. 1 ♂, 2 ♀♀, Irkutsk Area, Lake Baikal, Marituy Field Station (51°46'N, 104°11'E), *Picea-Pinus sibirica* forest, in moss, 8.VII.1988, leg. A. Tanasevitch; 2 ♂♂, 1 ♀, Khakassia, Kuznetskiy Alatau Mts, 15 km NE of Balyksa (53°24'N, 89°07'E), right affluent of Terensug River, 1000–1400 m a.s.l., 19.V.1997, leg. R. Dudko.

Cnephalocotes obscurus (Blackwall, 1834)

MATERIAL. 2 ♂♂, Kamchatka, Kronotskiy Nature Reserve, 2 km W of Geysers Valley (54°20'N, 159°17'E), mountain tundra, 1000 m a.s.l., *Pinus pumila* stands, in moss & lichen, 2 & 3.IX.1987, leg. A. Tanasevitch.

Crispiphantes rhomboideus (Paik, 1985)

MATERIAL. 1 ♂, Amurskaya Area, Mazanovskiy District, Nora River mouth, 210 m a.s.l., mosses and leaf litter on natural levee and in floodplain forest with *Alnus* sp., *Salix* spp., *Padus* sp., ferns, Poaceae gen. spp., *Carex* spp., *Smilacina davurica*, etc., 6.VIII.2006, leg. E. Veselova & A. Ryvkin; 1 ♀, Maritime Province, near Vladivostok, Alexeeva Bay, broadleaved forest with undergrowth of *Pinus sibirica*, in litter, 7.IX.1991, leg. K. Mikhailov.

Dicymbium libidinosum (Kulczyński, 1926)

MATERIAL. 1 ♂, 3 ♀♀, Kamchatka, Milkovo (54°41'N, 158°38'E), Kamchatka River Valley, dry bottom of Kamchatka River, *Equisetum*, 23 & 24.VIII.1987; 2 ♀♀, Maritime Province, Khasanskiy District, Kedrovaya Pad' Nature Reserve (43°11'N, 131°28'E), broadleaved-*Abies holophylla* forest, in litter, VIII.1990. All leg. A. Tanasevitch.

Dicymbium yaginumai Eskov et Marusik, 1994

MATERIAL. 1 ♂, 5 ♀♀, Sakhalin, Yuzhno-Sakhalinsk, in park, VIII.2002, leg. A. Tanasevitch.

Diplocentria bidentata (Emerton, 1882)

MATERIAL. 1 ♂, 3 ♀♀, Irkutsk Area, 200 km N of Lake Baikal, Zhigalovo District, pipeline Kovykta to Zhigalovo (54°43'N, 105°17'E), *Pinus sibirica* forest with *Betula*, 12.VIII.2006, leg. L. Rybalov; 3 ♂♂, 6 ♀♀, Kamchatka, Kronotskiy Nature Reserve, Geysers Valley (54°20'N, 159°17'E), *Betula* sparse forest with *Filipendula* on slope, 500–600 m a.s.l., in litter, 31.VIII.–1.IX.1987; 1 ♀, 3 ♀♀, same, *Alnus* forest with fern, 31.VIII.–1.IX.1987; 3 ♀♀, environs of Petropavlovsk-Kamchatsky, near Elizovo, *Betula* forest with Gramineae, in litter, 11.VIII.1987; 6 ♂♂, Milkovo

(54°41'N, 158°38'E), Kamchatka River Valley, *Betula* forest with fern, 23 & 24.VIII.1987; 3 ♂♂, 4 ♀♀, near Malki (53°19'N, 157°27'E), bank of Bystraya River, *Salix* stands, in litter, 28.IX.1988; more than 100 ♂♂ & ♀♀, SW of Kamchatka, middle flow of Golygina River (51°52'N, 156°52'E), *Pinus pumila* & *Salix* stands, in moss & litter, 23.X.1988. All leg. A. Tanasevitch.

Diplocentria rectangulata (Emerton, 1915)

MATERIAL. 1 ♂, 4 ♀♀, SW of Kamchatka, middle flow of Golygina River (51°52'N, 156°52'E), *Pinus pumila* stands, in moss, 23.X.1988; 7 ♀♀, mouth of Golygina River (51°53'N, 156°31'E) *Salix* stands, in litter, 29.X.1988. All leg. A. Tanasevitch.

Diplocephalus cristatus (Blackwall, 1833)

MATERIAL. 2 ♂♂, 1 ♀, Kamchatka, Petropavlovsk-Kamchatsky, bank of lake, *Salix* stands with Gramineae, in litter, 26.IX.1988, leg. A. Tanasevitch; 1 ♀, Khakassia, Kuznetskiy Alatau Mts, 7–15 km NE of Balyksa (53°24'N, 89°07'E), Terensug River Valley, 18.V.1997, leg. R. Dudko.

Diplocephalus picipinus (Blackwall, 1841)

MATERIAL. 2 ♂♂, 16 ♀, Tyumen' Area, ca 50 km N of Tobolsk, "Missiya" Field Station, VI.2006, leg. L. Rybalov.

Diplostyla concolor (Wider, 1834)

MATERIAL. 4 ♀♀, Kamchatka, Petropavlovsk-Kamchatsky, bank of Avacha Bay, on rocks, in litter, 22.VIII.1987; 3 ♀, same, bank of lake, *Salix* stands with Gramineae, litter, 26.IX.1988. All leg. A. Tanasevitch.

Dismodicus bifrons (Blackwall, 1841)

MATERIAL. 2 ♂♂, 2 ♀♀, Kamchatka, environs of Petropavlovsk-Kamchatsky, Elizovo, *Betula* forest with Gramineae, in grass, 11.VIII.1987; 1 ♂, Milkovo (54°41'N, 158°38'E), Kamchatka River Valley, *Betula* forest with fern, litter, 24.VIII.1987; 1 ♀, 5 km SW Zhupanovo (54°05'N, 159°57'E), *Abies* forest, litter, 30.VIII.1987; all leg. A. Tanasevitch; 1 ♀, Kemerovo Area, Kuznetskiy Alatau Nature Reserve, 1 km upper Kiya River mouth (54°54'N, 88°17'E), 15.VII.1994, leg. A. Ryvkin.

Drapetisca socialis (Sundevall, 1832)

MATERIAL. 1 ♀, Kamchatka, Petropavlovsk-Kamchatsky, hill near bank of Avacha Bay, *Betula* forest, litter, 16–19.IX.1988, leg. A. Tanasevitch.

Drepanotylus borealis Holm, 1945

MATERIAL. 1 ♂, Irkutsk Area, Lake Baikal, Bolshiye Koty Field Station (51°54'N, 105°04'E), under stones on brook bank, 23.VI.1988, leg. A. Tanasevitch; 2 ♀♀, Kemerovo Area, Kuznetskiy Alatau Nature Reserve, 1 km upper Kiya River mouth (54°54'N, 88°17'E), 15.VII.1994, leg. A. Ryvkin.

Eldonnaia kayacensis (Paik, 1965), **comb.n.**

1965 *Centromerus kayacensis* Paik, Thes. Coll. Kyungpook Univ., 9: 24.

1992 *Wubanoidea kayacensis*. — Eskov & Marusik, 1(1): 25.

1996 *Eldonia kayacensis*. — Tanasevitch, Reichenbachia, 31: 127.

MATERIAL. 1 ♀, Maritime Province, near Vladivostok, Alexeeva Bay, broadleaved forest with undergrowth of *Pinus sibirica*, in litter, 7.IX.1991, leg. K. Mikhailov.

NOMENCLATURAL REMARKS. A new replacement name is proposed here, i.e. *Eldonnaia* **nom.n.**, for *Eldonia* Tanasevitch, 1996, preoccupied: *Eldonia* Walcott 1911 (Echinodermata). The genus contains only one species, i.e. *Eldonnaia kayacensis* (Paik, 1965), **comb.n.**

Entelecara erythropus (Westring, 1851)

Figs 1–50.

1988 *Entelecara media*. — Eskov, Materials on the fauna of Central Siberia and adjacent regions of Mongolia: 113, examined.

1992 *Entelecara sombra*. — Eskov, Arthropoda Selecta, 1 (2): 77, examined.

1992 *Entelecara errata*. — Eskov, Fauna i ekologiya paukov, skorpionov i lozhnoskorpionov SSSR: 54, examined.

1992 *Entelecara media*. — Koponen & Marusik, Ent. Fenn., 3: 165, not seen.

1992 *Entelecara media*. — Marusik et al., Korean Arachnol., 8 (1/2): 141, reference.

1993 *Entelecara sombra*. — Marusik et al., Arthropoda Selecta, 1 (4): 76, examined.

1993 *Entelecara sombra*. — Marusik et al., Arthropoda Selecta, 2 (2): 73, not seen.

2000 *Entelecara sombra*. — Marusik et al., Spiders of Tuva, South Siberia: 46, examined.

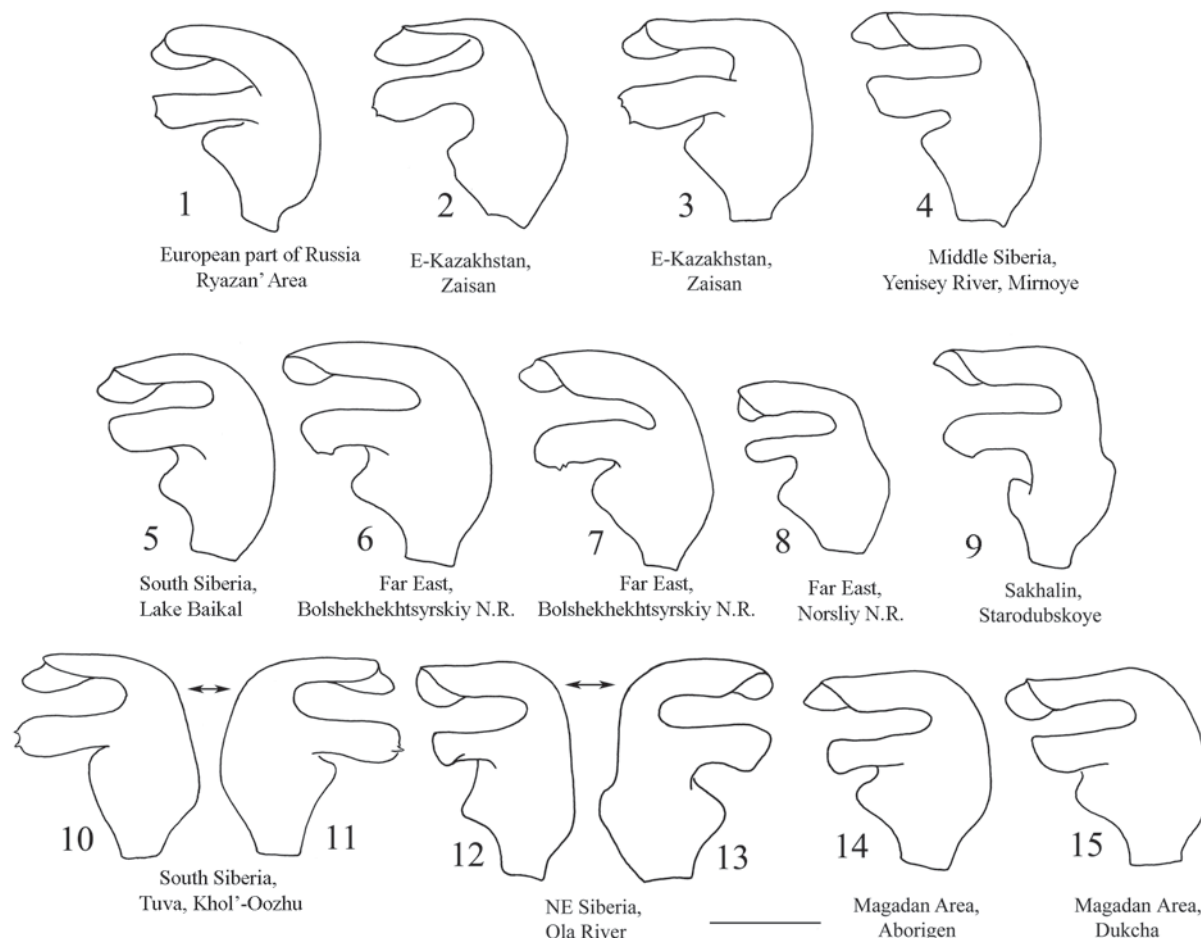
2001 *Entelecara sombra*. — Marusik, et al., Arthropoda Selecta, 10 (4): 331, examined.

2001 *Entelecara errata*. — Rybalov et al., Zhivotnyi mir: 80, reference.

2001 *Entelecara sombra*. — Marusik et al., Bull. Br. arachnol. Soc., 12 (2): 91, not seen.

MATERIAL EXAMINED (ZMMU). Label: *Entelecara sombra*: 1 ♀, Middle Siberia: Plateau Putorana, Lake Ayan, Kapchyug River, meadow, under stones, 6.VI.1983, leg. K. Eskov (original det. as *E. media* Kulczyński, 1887); 1 ♀, SE Tuva, Lake Tere-Khol', Eder-Elezin Sands (desert), 50°01'N, 95°03' E, 1150 m a.s.l., 11 & 12.VI.1995, leg. Yu. Marusik; 1 ♀, SE Tuva, East of Tanu-Ola Mt Ridge, Arys-kannyg-Khem River Canyon (50°45'N, 94°29'E), 1250–1350 m a.s.l., 16–18.VI.1995, leg. Yu. Marusik; 1 ♀, SE Tuva, Tes-Khem Mt Ridge, near Erzin Village, 50°12'N, 95°08' E, 1100 m a.s.l., 9.VI.1995, leg. Yu. Marusik; 1 ♂, 2 ♀♀, NE Siberia, Lankovaya River (Ola River basin), 69°45'N, 152°0' E, 12–19.VIII, 1992, leg. Yu. Marusik; 1 ♀, Magadan Area, Talon Village, 29.V.1985, leg. A. Meshcheryakov; 6 ♀♀, Magadan Area, upper reaches of Kolyma River, Detrin River, *Salix*, pebbles, 20.VI.1986, leg. Yu. Marusik; 1 ♂, 12 ♀♀, same, near Sibit-Tyellakh, Aborigen Field Station, summer, 1985, leg. Yu. Marusik; 2 ♂♂, 4 ♀♀, 28 km N of Magadan, Dukcha River basin, stony debris on top of hill, under stones, 28.VI.1986, leg. Yu. Marusik; 2 ♀♀, Sakhalin, Naiba River, 10 km N of Bykov, meadow, 15–25.VIII.1991, leg. Yu. Marusik; 1 ♂, Dolinsk District, Starodubskoye, floodplain forest, 3.VIII.1991, leg. K. Eskov; 1 ♂, 1 ♀, Lake Baikal, Svyatoi Nos Peninsula, *Pinus* forest with *Alnus*, 27.VI.1991, leg. S. Danilov. Label: *E. errata* O. Pickard-Cambridge, 1913), 2 ♂♂, 2 ♀♀, Khabarovsk Province, Bolshekhlehtskiy Nature Reserve, 18.VI.1987, leg. D. Logunov. Label: *E. erythropus*: 2 ♂♂, Ryazan' Area, Okskiy Nature Reserve, 21.VI.1981, leg. K. Eskov; 2 ♂♂, 3 ♀♀, middle flow of Yenisey River, Mirmoye Village, 4.VII.1978, leg. K. Eskov; 11 ♂♂ & ♀♀, East-Kazakhstan, Zaisan District, Saur Mt Ridge, Karaungur River, near Karaungur Village, floodplain, *Populus* forest, in litter, V–VI.1990, leg. K. Eskov.

NEW MATERIAL of *E. erythropus*: 1 ♂, Nenets Autonomous Okrug, Narian-Mar (67°38'N, 52°59'E), VII.1984, leg. A. Tanasevitch; 1 ♂, Irkutsk Area, Lake Baikal, Bolshiye Koty Field Station (51°54'N, 105°04'E), in hut, 28.VI.1988, leg. A. Tanasevitch; 1 ♂, 2 ♀♀, Lake Baikal, Khamar-Daban Mt Ridge, near weather station "Khamar-Daban", 1500–1600 m a.s.l., *Pinus sibir-*



Figs 1–15. Variability of palpal tibia in *Entelecara erythropus* (Westring, 1851), prolateral view. 10 & 11, 12 & 13 — left and right palp, respectively of the same specimen. Abbreviations: N.R. — Nature Reserve.

Рис. 1–15. Изменчивость формы голени пальпы у *Entelecara erythropus* (Westring, 1851), вид сбоку. 10 и 11, 12 и 13 — левая и правая пальпа, соответственно, одного экземпляра. Сокращения: N.R. — заповедник.

ica sparse forest, under stones, 27.VII.1990, leg. K. Mikhailov; 1 ♂, 2 ♀♀, Tuva, Tes-Khem District, ca 5 km E of Khol'-Oozhu Village, Arysannyy-Khem River canyon (50°45'N, 94°29'E), 1150–1200 m a.s.l., floodplain, *Populus* forest, in litter, 14.VII.1989, leg. D. Logunov; 1 ♀, Amurskaya Area, Seledzhinskiy District, Norskiy Nature Reserve, Nora River basin near Maltsevskiy Cordon, in rotten wood and under bark of aspen and birch stumps, 1.IX.2004, leg. A. Ryvkin; 1 ♂, same, Lake Mal'tsevskoye, mosses and leaf litter among sedge and gramineous tussocks with *Spiraea* spp., *Salix* sp., *Filipendula palmata*, *Iris* sp., *Anemonidium dichotomum*, *Maianthemum bifolium*, *Polytrichum* spp., *Hypnum* sp., *Sphagnum squarrosum*, *Sph.* sp., *Plagiomnium* sp., undergrowth of *Betula* sp., etc., 13.VI.2005, leg. E. & A. Ryvkin; 1 ♂, Khabarovsk Province, Verkhnebureinskiy District, Bureya River Valley, near mouth of Niman River (51°25'N, 132°43'E), 20.VI.2003, leg. L. Trilikauskas; 2 ♀♀, Maritime Province, 35 km SE of Chyuguevka, Verkhneussuriyskiy Field Station (43°57'N, 134°01'E), in pile of logs, 11.VII.1990; leg. A. Tanasevitch; 2 ♀♀, Kuznetskiy Alatau Nature Reserve, ca 16 km SW of Belogorsk, Kiya River, Bezmyanka River delta (54°54'N, 88°17'E), taiga, 14–17.VII.1994, leg. S. Golovatch & A. Ryvkin.

TAXANOMIC REMARKS. A revision of the Siberian and Far Eastern material kept in ZMMU and determined as *E. sombra* (Chamberlin et Ivie, 1947), *E. media* Kulczyński, 1887 or *E. errata* O. Pickard-Cambridge, 1913 (see above) has shown that all these specimens actually belong to *E.*

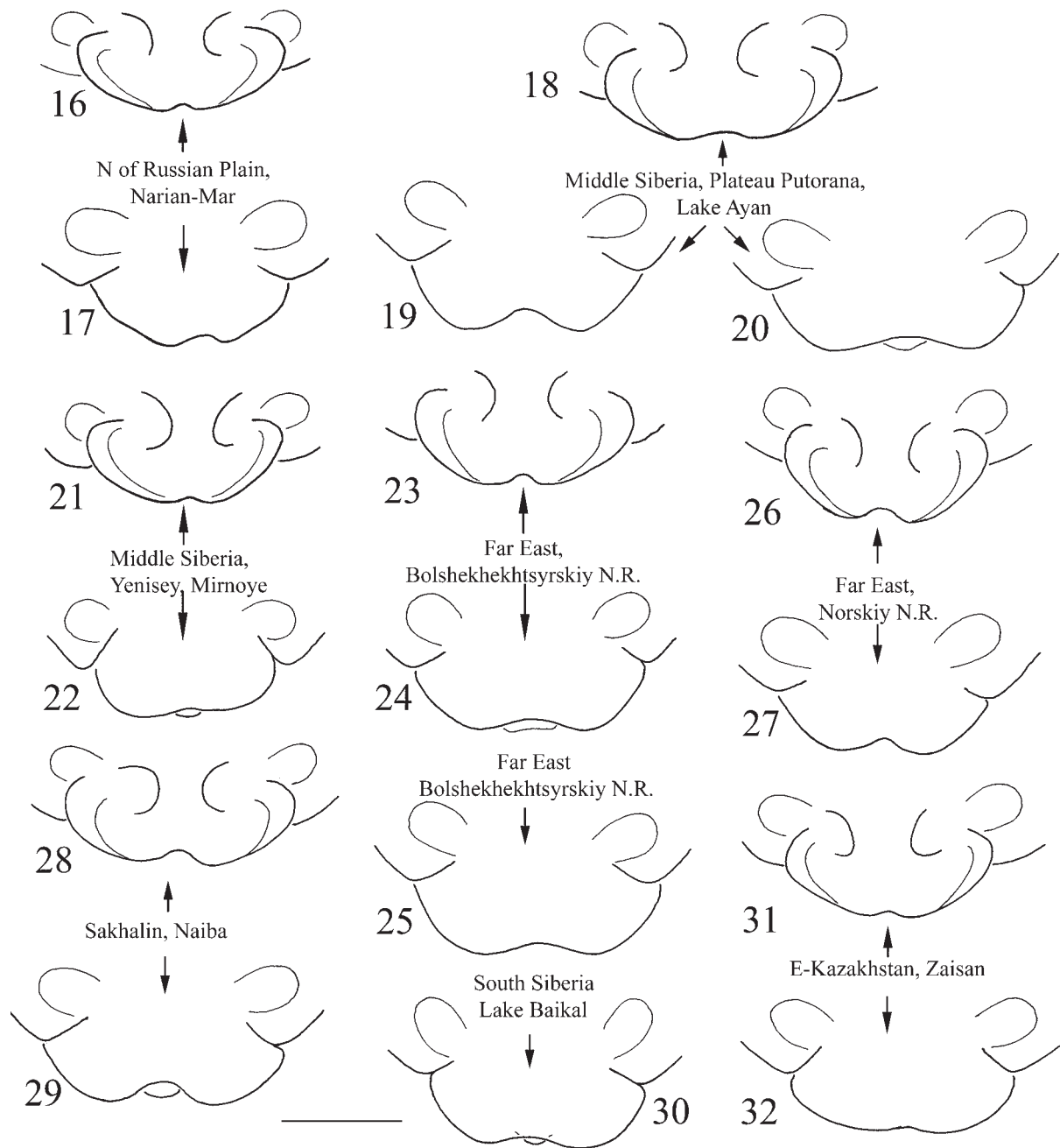
erythropus. The genital organs of *E. erythropus* are highly variable both between and within individual populations (Figs 1–50); sometimes the left and right palpal tibia of the same specimen look different (cf. Figs 10 & 11 or 12 & 13). It was obviously due to such a profound variability that the authors erred in identifying the above Asian material. Furthermore, the same apparently concerned the authors who described *E. errata*, *E. media* and *E. omissa* O. Pickard-Cambridge, 1902, all these species being distinguished from one another only by minor structural details of the male palpal tibia.

DISTRIBUTION. Europe, West Kazakhstan; from the Urals through entire Siberia eastward to the Magadan Area, Cisokhotia; mountains of South Siberia (Altai, Tuva, Sayan) through the Lake Baikal region eastward to the Khabarovsk and Maritime provinces, Sakhalin.

RANGE. Palaearctic polyzonal. The distribution of *E. sombra* seems to be restricted to the Nearctic.

Epibellowia pacifica (Eskov et Marusik, 1992)

MATERIAL. 1 ♂, 1 ♀, Irkutsk Area, 200 km N of Lake Baikal, Zhigalovo District, pipeline Kovykta to Zhigalovo (54°43'N, 105°17'E), *Picea* forest, 11.VIII.2006, leg. L. Rybalov.



Figs 16–32. Variability of epigyne in *Entelecara erythropus* (Westring, 1851). 16, 18, 21, 23, 26, 28, 31 — ventral view, 17, 19, 20, 22, 24, 25, 27, 29, 30, 32 — dorsal view. Arrows show the same specimen. Abbreviations: N.R. — Nature Reserve.

Рис. 16–32. Изменчивость формы эпигины *Entelecara erythropus* (Westring, 1851). 16, 18, 21, 23, 26, 28, 31 — вид снизу, 17, 19, 20, 22, 24, 25, 27, 29, 30, 32 — вид сверху. Стрелки указывают на один и тот же экземпляр. Сокращения: N.R. — заповедник.

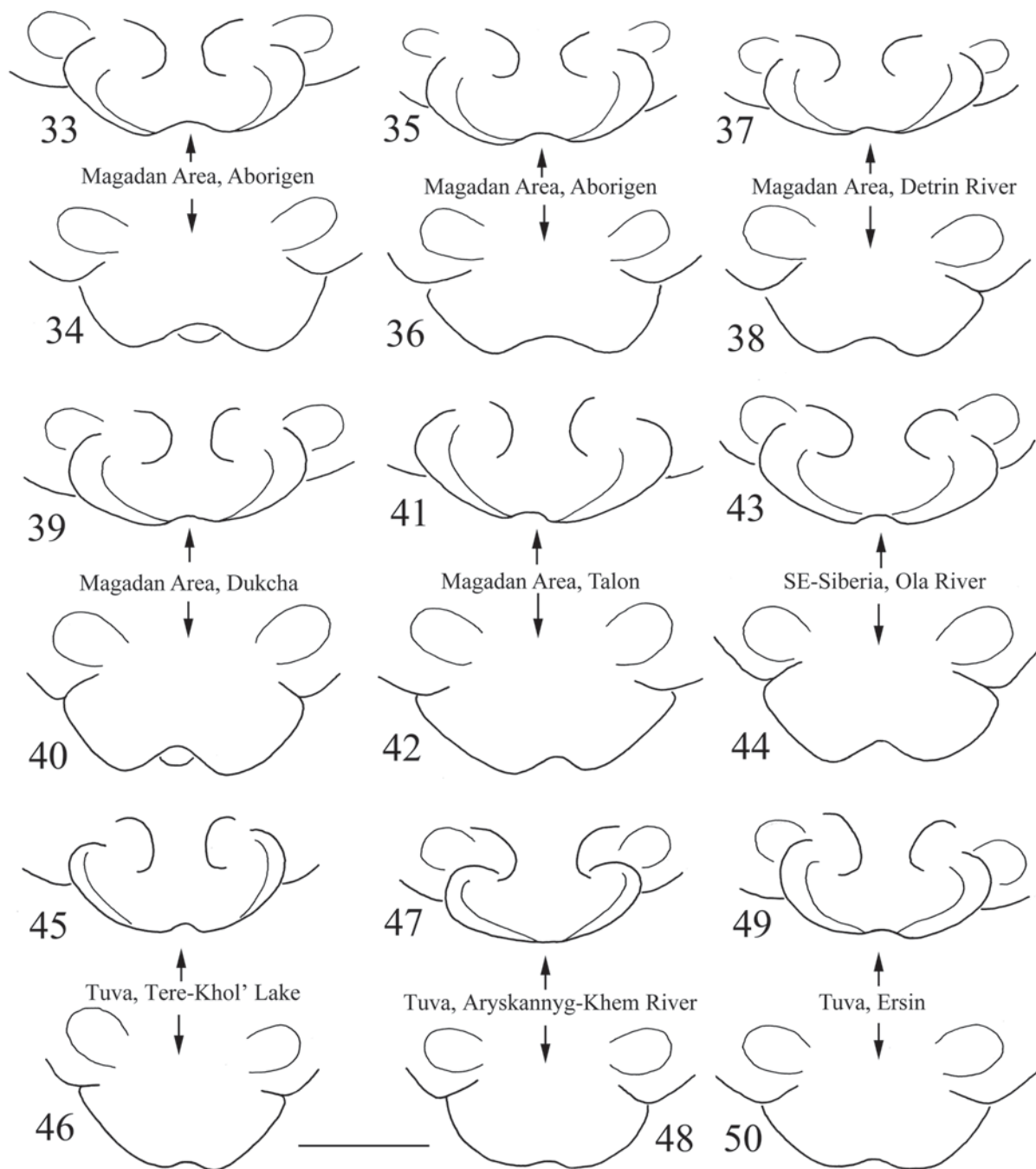
Erigone atra Blackwall, 1833

MATERIAL. 1 ♂, 3 ♀♀, Kamchatka, Petropavlovsk-Kamchatsky, hill near bank of Avacha Bay, *Betula* forest, in litter, 22.VIII.1987; 1 ♀, environs of Petropavlovsk-Kamchatsky, Paratunka, *Betula* forest with Gramineae, in litter, 12.VIII.1987; 1 ♀, Maritime Province, Chernigovka District, near Dmitriyevka Village (44°21'N, 132°47'E), sedge meadow, 24–30.VII.1990; all leg. A. Tanasevitch; 1 ♀, Kemerovo Area, Kuznetskiy Alatau Nature

Reserve, 1 km upper Kiya River mouth (54°54'N, 88°17'E), 15.VII.1994, leg. A. Ryvkin.

Erigone sinensis Schenkel, 1936

MATERIAL. 1 ♂, Irkutsk Area, Lake Baikal, Bolshiye Koty Field Station (51°54'N, 105°04'E), in hut, 16.VI.1988, leg. A. Tanasevitch; 1 ♂, Khabarovsk Province, 40 air km NW of Chegdomyn, Ust'-Niman (51°25'N, 132°43'E), in grass, sweeping,



Figs 33–50. Variability of epigyne in *Entelecara erythropus* (Westring, 1851), continuing. 33, 35, 37, 39, 41, 43, 45, 47, 49 — ventral view, 34, 36, 38, 40, 42, 44, 46, 48, 50 — dorsal view. Arrows show the same specimen.

Рис. 33–50. Изменчивость формы эпигины *Entelecara erythropus* (Westring, 1851), продолжение. 33, 35, 37, 39, 41, 43, 45, 47, 49 — вид снизу, 34, 36, 38, 40, 42, 44, 46, 48, 50 — вид сверху. Стрелки указывают на один и тот же экземпляр.

21.VI.2003, leg. L. Trilikauskas; 1 ♀, Maritime Province, Khasanskiy District, Kedrovaya Pad' Nature Reserve (43°11'N, 131°28'E), in yard, leg. A. Tanasevitch, VIII.1989; 1 ♂, same, Astafiev Bay, sandy beach, 4.IX.1978, leg. B. Zakharov; 5 ♂♂, Ussuriyskiy District, near Gornotayozhnoye Village (43°42'N, 132°09'E), in yard, 9–19.VII.1990; 5 ♂♂, Vladivostok, in yard, VII.1990, leg. A. Tanasevitch.

Erigone hypoarctica Eskov, 1989

MATERIAL. 3 ♂♂, 5 ♀♀, Irkutsk Area, Lake Baikal, Bolshiye Koty Field Station (51°54'N, 105°04'E), under stones on brook bank, 15.VI.1988, leg. A. Tanasevitch; 1 ♂, Kemerovo Area, Mezhdurechensk (53°39'N, 88° 0'N), confluence of Tom and Usa Riv-

ers, 17.V.1997, leg. R. Dudko; 1 ♀, Kuznetskiy Alatau Nature Reserve, ca 16 km SW of Belogorsk, Kiya River, Bezmyanka River delta (54°54'N, 88°17'E), taiga, 14–17.VII.1994, leg. S. Golovatch & A. Ryvkin.

Eskovina clava (Zhu et Wen, 1980)

MATERIAL. 1 ♂, 2 ♀♀, Khasanskiy District, Kedrovaya Pad' Nature Reserve (43°11'N, 131°28'E), broadleaved-*Abies holophylla* forest, in litter, VIII. 1990, leg. A. Tanasevitch.

Flagelliphantes bergstroemi (Schenkel, 1931)

MATERIAL. 1 ♂, 2 ♀♀, Kemerovo Area, Kuznetskiy Alatau Mts, Mt Bolshoi Zub, 1500–1700 m a.s.l., alpine, 26.IX.1997, leg. R. Dudko & I. Lyubechyansky.

Floronia bucculenta (Clerck, 1757)

MATERIAL EXAMENED. 2 ♂, Moscow Area, Podolsk District, Malinki Field Station, *Populus* forest, VII.1976, leg. A. Tanasevitch; 1 ♀ (ZMMU), same, Narofominsk District, environs of Ozhigovo Village, 1.IX.1985, leg. K. Mikhailov; 1 ♂ (ZMMU), same, Zvenigorod District, Moscow Nature University Field Station “Zvenigorodskaya”, 24.IX.1981, leg. K. Mikhailov; 1 ♂, 1 ♀ (ZMMU), same, Odintsovo District, environs of Zhavoronki Village, 8.VIII.1983, leg. K. Mikhailov; 1 ♂, 1 ♀ (ZMMU), Kostroma Area, Manturovo District, environs of Davydovo Village, 28.VIII.1983, leg. K. Mikhailov; 2 ♂♂, Tuva Republic, Erzin District, 3–5 km S of Erzin, floodplain of Tes-Khem River, 1000 m s.a.l., leg. D. Logunov; 3 ♂♂, 4 ♀♀ (ZMMU), Amurskaya Area, environs of Kundur Village, 13.VIII.1983, leg. Yu. Marusik; 2 ♂♂ (ZMMU), same, environs of Arkhara Village, 24.VIII.1983, leg. Yu. Marusik; 20 ♂♂ & ♀♀ (ZMMU), same, Khinganskiy Nature Reserve, VIII.1983, leg. Yu. Marusik; 1 ♀, Maritime Province, Dmitriyevka Village (44°21'N, 132°47'E), broadleaved forest, in grass, 24–30.VII.1990, leg. A. Tanasevitch; 1 ♂, Ussuriyskiy Nature Reserve, environs of Kamenushka Village, 24.VIII.1983, leg. A. Antropov; 1 ♀, same, 12.VIII.1983, leg. A. Antropov; 4 ♀♀, environs of Vladivostok, Peter Velikiy Bay, Popova Island, Alexeeva Bay, broadleaved forest with undergrowth of *Pinus sibirica*, 50–100 m a.s.l., 7.IX.1981, leg. K. Mikhailov; 1 ♀, Khabarovsk Province, Chegdomyn Village, 16.VIII.2000, leg. L. Trilikauskas; 1 ♀, Tomsk Area, near Tomsk, *Abies* forest, in moss and litter, 15–16.VIII.1998, leg. A. Tanasevitch; 2 ♀♀, Altai Mts, Lake Teletskoye, Altaisky Nature Reserve, near Artybash Village, *Picea obovata*, *Abies sibirica*, *Pinus sibirica* forest, 500–800 m a.s.l., 13–24.VII.1997, leg. S. Golovatch & A. Tanasevitch; 1 ♂, Lake Teletskoye, near Kebezen Village, 400–500 m a.s.l., 7.VII.–28.VIII.1998, leg. unknown; 1 ♂, Charysh District, environs of Sentelek Village, 600 m a.s.l., 13.VIII.1998, leg. G. Azarkina.

TAXANOMIC REMARKS. A study of the *F. bucculenta* material from various regions of Russia has revealed great variability in shape, size and number of the teeth on the posterodorsal outgrowth of the cymbium both between and within individual populations. The Asian samples show variation series similar to European ones, except perhaps being a little smaller in body size. Some samples from Asia, as well as Europe (see Locket & Millidge [1953, fig. 223A]), show the cymbial posterodorsal outgrowth similar to that of *F. exornata* (L. Koch, 1878), a species described from Japan, then repeatedly treated as a synonym of *F. bucculenta*, but recently revalidated by Saaristo [1996]. In my opinion, the independence of *F. exornata* is doubtful. All records of *F. exornata* in Russia actually concern to *F. bucculenta*.

Glyphesis asiaticus Eskov, 1989

MATERIAL. 2 ♂♂, 2 ♀♀, Irkutsk Area, 200 km N of Lake Baikal, Zhigalovo District, pipeline Kovykta to Zhigalovo (54°43'N, 105°17'E), swampy *Larix* forest, 13.VIII.2006, leg. L. Rybalov.

Gongylidioides rimatus (Ma et Zhu, 1990)

MATERIAL. 1 ♂, Amurskaya Area, Mazanovskiy District, right side of Seledmdzha River between Nora River mouth and Ust'-Norskaya mountain, Lodochnikova channel, 220 m a.s.l., moss and litter under *Picea ajanensis*, *Abies nephrolepis*, *Betula platyphylloides*, *B. davurica*, *Larix gmelinii* with *Maianthemum bifolium*, etc., on slope, 12.VIII.2006, leg. E. Veselova & A. Ryvkin.

Gnathonarium taczanowskii (O. Pickard-Cambridge, 1873)

MATERIAL. 4 ♂♂, 9 ♀♀, Maritime Province, Ussuriyskiy District, near Gornotayozhnoye Village (43°42'N, 132°09'E), broadleaved forest, in litter, 22.VII.1990; 5 ♂♂, 3 ♀♀, Kamchatka, Milkovo (54°41'N, 158°38'E), Kamchatka River Valley, *Betula* forest with Gramineae, in litter, 23 & 24.VIII.1987; 4 ♀♀, Kronotskiy Nature Reserve, Geysers Valley (54°20'N, 159°17'E), bank of brook, under stones, 31.VIII.1987; all leg. A. Tanasevitch; 2 ♂♂, 1 ♀, Kemerovo Area, environs of Mezhdurechensk (53°39'N, 88°0'N), 3 km upper of Usa River mouth, 23.IX.1997, leg. R. Dudko & I. Lyubechyansky.

Gnathonarium dentatum (Wider, 1834)

MATERIAL. 2 ♀♀, Maritime Province, Ussuriyskiy District, near Gornotayozhnoye Village (43°42'N, 132°09'E), broadleaved forest, in litter, 22.VII.1990; 1 ♀, Kamchatka, Milkovo (54°41'N, 158°38'E), Kamchatka River Valley, meadow with diverse herbs, in grass, sweeping, 23.VIII.1987; 1 ♂, 8 ♀♀, Kronotskiy Nature Reserve, Geysers Valley (54°20'N, 159°17'E), in grass near thermal spring, 30.VIII.1987; 3 ♀, same, in moss on warm slope, 10.VIII.–5.IX.1987. All leg. A. Tanasevitch.

Gonatium rubellum (Blackwall, 1841)

MATERIAL. 1 ♀, Khakassia, Kuznetskiy Alatau Mts, 15 km NE of Balyksa (53°24'N, 89°07'E), right affluent of Terensug River, 1000–1400 m a.s.l., 19.V.1997, leg. R. Dudko.

Halorates caliginosus (L. Koch, 1879)

MATERIAL. 1 ♀, Kamchatka, Petropavlovsk-Kamchatsky, bank of lake, *Salix* stands with Gramineae, in litter, 26.IX.1988; 2 ♀♀, same, hill near bank of Avacha Bay, *Betula* forest, in litter, 22.VIII.1987. All leg. A. Tanasevitch.

Halorates distinctus (Simon, 1884)

MATERIAL. 2 ♀, Kemerovo Area, Kuznetskiy Alatau Nature Reserve, 1 km upper of Kiya River mouth (54°54'N, 88°17'E), 15.VII.1994, leg. A. Ryvkin.

Halorates inerrans (O. Pickard-Cambridge, 1885)

MATERIAL. 3 ♂♂, 2 ♀♀, Irkutsk Area, village, in yard, in grass and litter, 25.VIII.2000, leg. L. Trilikauskas; 2 ♂♂, 2 ♀♀, Maritime Province, Chernigovka District, near Dmitriyevka Village (44°21'N, 132°47'E), sedge meadow, 24–30.VII.1990, leg. A. Tanasevitch.

Helophora insignis (Blackwall, 1841)

MATERIAL. 1 ♀, Kamchatka, Kronotskiy Nature Reserve, Geysers Valley (54°20'N, 159°17'E), *Betula* sparse forest with *Filipendula* on slope, 500–600 m a.s.l., in litter, 31.VIII.1987; 5 ♂♂, Petropavlovsk-Kamchatsky, hill near bank of Avacha Bay, *Betula* forest, litter, 16–19.IX.1988; more than 150 ♂♂ & ♀♀, Milkovo (54°41'N, 158°38'E), Kamchatka River Valley, *Betula* forest with Gramineae, in grass, 23 & 24.VIII.1987. All leg. A. Tanasevitch.

Hilaira canaliculata (Emerton, 1915)

MATERIAL. 1 ♀, SW of Kamchatka, middle flow of Golygina River (51°52'N, 156°52'E), *Salix* stands, in litter & moss, 23.X.1988, leg. A. Tanasevitch.

Hilaira herniosa (Thorell, 1875)

MATERIAL. 2 ♀♀, Irkutsk Area, 200 km N of Lake Baikal, Zhigalovo District, pipeline Kovytko to Zhigalovo (54°43'N, 105°17'E), VIII.2006, leg. L. Rybalov; 10 ♂♂, 18 ♀♀, Kamchatka, Kronotskiy Nature Reserve, 2 km W of Geysers Valley (54°20'N, 159°17'E), mountain tundra, 1000 m a.s.l., *Pinus pumila* stands, in moss & lichen, 2 & 3.IX.1987; more than 60 ♂♂ & ♀♀, SW of Kamchatka, middle flow of Golygina River (51°52'N, 156°52'E), *Pinus pumila* stands, in moss, 23.X.1988; 16 ♂♂, 21 ♀♀, mouth of Golygina River (51°53'N, 156°31'E), *Salix* stands, litter, 29.X.1988. All leg. A. Tanasevitch.

Hilaira minuta Eskov, 1979

MATERIAL. 1 ♀, Irkutsk Area, 200 km N of Lake Baikal, Zhigalovo District, pipeline Kovytko to Zhigalovo (54°43'N, 105°17'E), *Pinus sibirica* forest, in litter, 13.VIII.2006, leg. L. Rybalov.

Hilaira syrojeczkovskii Eskov, 1981

MATERIAL. 3 ♂♂, Khabarovsk Province, Verkhnebureinskiy District, Bureya River, mouth of Levyy Ussomakh River, mosses and leaf litter in floodplain willow forest with *Carex* sp., *Climacium* sp., *Sphagnum* sp., *Plagiomnium* sp., 11.IX.2006, leg. A. Ryvkin; 2 ♂♂, Verkhnebureinskiy District, Bureinskiy Nature Reserve (buffer zone), near Strelka Cordon (54°54'N, 88°17'E), floodplain of left side of Bureya River, 550 m a.s.l., leaf litter, plant debris, mosses, drift among *Carex* spp., Poaceae gen. sp., *Populus* sp., *Salix* spp., with *Polytrichum* sp., *Hylacomium splendens*, *Climacium* sp., *Plagiomnium* sp. etc., near old channel, 23.IX.2006, leg. A. Ryvkin.

Himalaphantes azumiensis (Oi, 1980)

MATERIAL. 1 ♂, Maritime Province, Khasanskiy District, Kedrovaya Pad' Nature Reserve (43°11'N, 131°28'E), Pakkelevskiy Klyuch, 8.VII.1976, leg. B. Zakharov.

Holminaria prolata (O. Pickard-Cambridge, 1873)

MATERIAL. 25 ♂♂ & ♀♀, Khabarovsk Province, Verkhnebureinskiy District, 4th km of Chegdomyn to Urgal road, mosses and plant debris on swampy sides of lake with tussocks of *Carex* spp. and Poaceae gen. sp., *Scirpus* sp., *Comarum palustre*, *Ledum palustre*, *Chamaedaphne calyculata*, *Vaccinium uliginosum*, *V. vitis-idaea*, *Betula middendorffii*, *Larix gmelinii*, *Sphagnum* spp., *Aulacomnium* sp., *Polytrichum* sp., 5.X.2006, leg. A. Ryvkin; 3 ♀♀, Verkhnebureinskiy District, Bureya River, mouth of Levyy Ussomakh River, mosses and leaf litter in floodplain willow forest with

Carex sp., *Climacium* sp., *Sphagnum* sp., *Plagiomnium* sp., 11.IX.2006, leg. A. Ryvkin.

Horcotes strandi (Sytshevskaja, 1935)

MATERIAL. 4 ♂♂, 15 ♀♀, Kamchatka, Petropavlovsk-Kamchatsky, hill near bank of Avacha Bay, *Betula* forest, litter, 16–19.IX.1988; 3 ♀♀, Kronotskiy Nature Reserve, Geysers Valley (54°20'N, 159°17'E), *Betula* sparse forest on slope, 500–600 m a.s.l., litter, 31.VIII.1987; 1 ♂, 7 ♀♀, same, *Alnus* forest with fern, 31.VIII.1987; 8 ♂♂, 15 ♀♀, 2 km W of Geysers Valley (54°20'N, 159°17'E), mountain tundra, 1000 m a.s.l., *Pinus pumila* stands, in moss & lichen, 2 & 3.IX.1987. All leg. A. Tanasevitch.

Hylyphantes graminicola (Sundevall, 1830)

MATERIAL. 2 ♂♂, 3 ♀♀, Maritime Province, Chernigovka District, near Dmitriyevka Village (44°21'N, 132°47'E), willow stands, in sedge, 16.VII.1990, leg. A. Tanasevitch.

Hypomma bituberculatum (Wider, 1834)

MATERIAL. 1 ♀, Kamchatka, near Malki (53°19'N, 157°27'E), bank of Bystraya River, *Salix* stands, in litter, 28.IX.1988; 1 ♀, Milkovo (54°41'N, 158°38'E), Kamchatka River Valley, *Betula* forest with Gramineae, in grass, sweeping, 23 & 24.VIII.1987. All leg. A. Tanasevitch.

Hypselistes australis Saito et Ono, 2001

MATERIAL. 1 ♀, Maritime Province, Khasanskiy District, Kedrovaya Pad' Nature Reserve (43°11'N, 131°28'E), bank of river, in grass, sweeping, VIII. 1990, leg. A. Tanasevitch.

Incestophantes kochiellus (Strand, 1900)

1996 *Incestophantes obtusus* Tanasevitch, Reichenbachia, 31 (22): 119 (♂), **syn.n.**

MATERIAL EXAMINED. 1 ♂ (ZMMU), holotype of *Incestophantes obtusus*; *Incestophantes kochiellus*: 20 ♂♂ & ♀♀ (ZMTU), Finland, different localities; 12 ♂♂, 18 ♀♀, Russia, Komi Republic, near Sivomaskinskiy Village (66°40'N, 62°33'E), birch-spruce forest with diverse herbs, in moss & leaf litter, VII.1981–VIII.1984, leg. A. Tanasevitch; more than 40 ♂♂ & ♀♀, Tyumen' Area, Polar Urals, Sob' River basin (66°54'N, 65°43'E), summer, 1981–1986, leg. A. Tanasevitch; 6 ♂♂, 9 ♀♀ (ZMMU), Yenisei River Middle Flow, near Mirnoye Village (62°17'N, 89° 1'E), summer, 1979–1980, leg. K. Eskov; 5 ♂♂, 4 ♀♀, Magadan Area, Ola River Valley, 28.IX.1994, leg. Yu. Marusik; 20 ♂♂ & ♀♀, Amurskaya Area, Norskiy Nature Reserve, summer–autumn, 2004–2005, leg. A. Ryvkin; 20 ♂♂ & ♀♀, Khabarovsk Province, Bureinskiy Nature Reserve, 2003–2006, leg. L. Trilikauskas & A. Tanasevitch; 3 ♂♂, 4 ♀♀ (ZMMU), Bolshekhokhtsyanskiy Nature Reserve, 9.VI.1987, leg. D. Logunov; 12 ♂♂ & ♀♀, same, Sosninskiy Klyuch Cordon, 350 m a.s.l., *Pinus sibirica* forest with *Betula*, in litter, 25–27.V.2004, leg. A. Tanasevitch; 1 ♂ (ZMMU), Sakhalin, Poronaysk District, upper reaches of Rukutama River, 17–27.IV.1988, leg. A. Basarukin; 2 ♂♂, Okha District, upper reaches of Tega River, 14–26.V.1987, leg. A. Basarukin; 5 ♂♂, 11 ♀♀, Irkutsk Area, Lake Baikal, near Bolshiye Koty Field Station (51°54'N, 105°04'E), 10–18.VII.1988, leg. A. Tanasevitch; 1 ♂ (ZMMU), Tuva Republic, near Khovu-Aksu, Elegest River Valley, 3–6.V.1990, leg. D. Logunov; 1 ♂ (ZMMU), Todzhinskiy Nature Reserve, 19–29.VI.1989, leg. D. Logunov.

TAXONOMIC REMARKS. *I. obtusus* was first described from a single male from the Khabarovsk Province [Tanasevitch, 1996]. It was noted as a species very similar to *I. kochiellus* (Strand, 1900), differing in some minor

structural details of the paracymbium, the distal part of the lamella characteristica, and the apex of the terminal apophysis branches. A detailed analysis of palp conformation carried out recently based on numerous males of *I. kochiellus* from different regions of the Palaearctic shows, however, that the above characters of *I. obtusus* are actually individual variations in *I. kochiellus*. Thus, *I. obtusus* is being considered as its junior synonym of *I. kochiellus*, **syn.n.**

Improphantes complicatus (Emerton, 1882)

MATERIAL. 1 ♂, Kamchatka, Kronotskiy Nature Reserve, 2 km W of Geysers Valley (54°20'N, 159°17'E), mountain tundra, 1000 m a.s.l., *Pinus pumila* stands, in moss, 2 & 3.IX.1987, leg. A. Tanasevitch.

Uielum sibiricum Eskov, 1988

MATERIAL. 12 ♂♂, 7 ♀♀, Maritime Province, Ussuriyskiy District, near Gornotayozhnoye Village (43°42'N, 132°09'E), broadleaved forest, in litter, 9–19.VII.1990, leg. A. Tanasevitch.

Kaestneria pullata (O. Pickard-Cambridge, 1863)

MATERIAL. 2 ♂♂, Novosibirsk Area, Kargatsky District, Makarievsky Village, margin of forest, 27.VIII.1987, leg. D. Logunov; 1 ♀, Irkutsk Area, 200 km N of Lake Baikal, Zhigalovo District, pipeline Kovykta to Zhigalovo (54°43'N, 105°17'E), VIII.2006, leg. L. Rybalov; 2 ♂♂, Kamchatka, Petropavlovsk-Kamchatsky, bank of lake, *Salix* stands with Gramineae, in litter, 26.IX.1988; 2 ♂♂, same, near Elizovo, *Betula* forest with Gramineae, in grass, sweeping, 11.VIII.1987; 1 ♂, Milkovo (54°41'N, 158°38'E), Kamchatka River Valley, *Betula* forest with fern, 23 & 24.VIII.1987. All leg. A. Tanasevitch.

Leptorhoptrum robustum (Westring, 1851)

MATERIAL. 2 ♀, Kemerovo Area, Kuznetskiy Alatau Mts, Mt Bolshoi Zub, 1500–1700 m a.s.l., alpine, 26.IX.1997, leg. R. Dudko & I. Lyubechiansky; 1 ♀, Kemerovo Area, Kuznetskiy Alatau Nature Reserve, Kiya River, 2 km upper of Bezymianka River mouth (54°54'N, 88°17'E), 17.VII.1994, leg. A. Ryvkin; 4 ♂♂, 5 ♀♀, ca 16 km SW of Belogorsk, Kiya River, Bezymyanka River delta (54°54'N, 88°17'E), taiga, 14–17.VII.1994, leg. S. Golovatch & A. Ryvkin.

Lepthyphantes leprosus (Ohlert, 1867)

MATERIAL. 8 ♂♂, 6 ♀♀, Kamchatka, Petropavlovsk-Kamchatsky, bank of Avacha Bay, on rocks, among stones, 22.VIII.1987, leg. A. Tanasevitch.

Lepthyphantes (s.l.) *luteipes* (L. Koch, 1879)

MATERIAL. 1 ♀, Kamchatka, Kronotskiy Nature Reserve, Geysers Valley (54°20'N, 159°17'E), *Betula* sparse forest with *Filipendula* on slope, 500–600 m a.s.l., litter, 1.IX.1987, leg. A. Tanasevitch.

Linyphia hortensis Sundevall, 1830

MATERIAL. 1 ♂, Novosibirsk Area, Chulym Distr. (55°05'N, 80°58'E), Filimonovka Village (= Filimonovskiy Ryam), 2.IX.1997, leg. A. Kharitonov.

Macrargus multesimus (O. Pickard-Cambridge, 1875)

MATERIAL. 1 ♀, Irkutsk Area, 200 km N of Lake Baikal, Zhigalovo District, pipeline Kovykta to Zhigalovo (54°43'N, 105°17'E), *Pinus sibirica* forest with *Betula*, 12.VIII.2006, leg. L. Rybalov; 2 ♂♂, Kamchatka, Petropavlovsk-Kamchatsky, hill near bank of Avacha Bay, *Betula* forest, litter, 22.VIII.1987; 2 ♂♂, 8 ♀♀, same locality, 16–19.IX.1988; 2 ♂♂, 1 ♀, Kronotskiy Nature Reserve, Geysers Valley (54°20'N, 159°17'E), *Betula* sparse forest with *Filipendula* on slope, 500–600 m a.s.l., in litter, 31.VIII.–1.IX.1987. All leg. A. Tanasevitch.

Maro borealis Eskov, 1991

MATERIAL. 1 ♀, Irkutsk Area, Lake Baikal, Marituy Field Station (51°46'N, 104°11'E), swampy *Betula* forest, in *Sphagnum*, 13.VII.1988, leg. A. Tanasevitch.

Maro sibiricus Eskov, 1980

MATERIAL. 1 ♂, Irkutsk Area, Lake Baikal, Marituy Field Station (51°46'N, 104°11'E), *Alnus* stands in river floodplain, litter, 8.VII.1988; 3 ♂♂, 2 ♀♀, Kamchatka, Kronotskiy Nature Reserve, Geysers Valley (54°20'N, 159°17'E), *Alnus* forest with fern on slope, 500–600 m a.s.l., in litter, 31.VIII.1987; 1 ♂, 1 ♀, near Malki (53°19'N, 157°27'E), bank of Bystraya River, *Salix* stands, litter, 28.IX.1988. All leg. A. Tanasevitch.

Maso sundevalli (Westring, 1851)

MATERIAL. 4 ♀♀, Kamchatka, Petropavlovsk-Kamchatsky, hill near bank of Avacha Bay, *Betula* forest, in litter, 16–19.IX.1988; 1 ♂, 1 ♀, Kronotskiy Nature Reserve, Geysers Valley (54°20'N, 159°17'E), *Betula* sparse forest with *Filipendula* on slope, 500–600 m a.s.l., litter, 31.VIII.1987; 1 ♂, 4 ♀♀, Milkovo (54°41'N, 158°38'E), Kamchatka River Valley, *Betula* forest with fern, 23 & 24.VIII.19187; 1 ♀, Maritime Province, Ussuriyskiy District, near Gornotayozhnoye Village (43°42'N, 132°09'E), broadleaved forest, in litter, 9–19.VII.1990. All leg. A. Tanasevitch.

Mecynargus tungusicus (Eskov, 1981)

MATERIAL. 6 ♂♂, 37 ♀♀, Kamchatka, Kronotskiy Nature Reserve, 2 km W of Geysers Valley (54°20'N, 159°17'E), mountain tundra, 1000 m a.s.l., *Pinus pumila* stands, moss, 2 & 3.IX.1987, leg. A. Tanasevitch; 1 ♂, 1 ♀, Khakassia, Kuznetskiy Alatau Mts, Teren-Kazyrsky Mt Ridge, 25 km NNE of Balyksa (53°24'N, 89°07'E), environs of Mt Odinskaya, 1500–1900 m a.s.l., alpine, 21.V.1997, leg. R. Dudko.

Metopobatrachus prominulus (O. Pickard-Cambridge, 1872)

MATERIAL. 1 ♂, 4 ♀♀, Kamchatka, Kronotskiy Nature Reserve, Geysers Valley (54°20'N, 159°17'E), *Betula* sparse forest with *Filipendula* on slope, 500–600 m a.s.l., in litter, 31.VIII.–1.IX.1987; 7 ♂♂, 9 ♀♀, 2 km W of Geysers Valley, mountain tundra, 1000 m a.s.l., *Pinus pumila* stands, moss, 2 & 3.IX.1987. All leg. A. Tanasevitch.

Mesasigone mira Tanasevitch, 1989

MATERIAL. 3 ♂♂, 6 ♀♀, Maritime Province, Chernigovka District, near Dmitriyevka Village (44°21'N, 132°47'E), sedge meadow, 24–30.VII.1990, leg. A. Tanasevitch.

Micrargus herbigradus (Blackwall, 1854)

MATERIAL. 3 ♀, Novosibirsk Area, Toguchinskiy District, near Kotorovo Village, meadow, 26.VI.1986, leg. Babenko & Bordovitsyna; 2 ♀♀, Irkutsk Area, Lake Baikal, Marituy Village, *Pinus sibirica* forest with *Picea*, in moss, 8.VII.1988; 10 ♂♂, 10 ♀♀, Lake Baikal, Bolshiye Koty Village, swampy *Betula* forest, in litter, 18.VII.1988; 1 ♀, Maritime Province, Ussuriyskiy District, Gornotayozhnoye Village (43°42'N, 132°09'E), broadleaved forest, 9–19.VII.1990; 2 ♂♂, 4 ♀♀, SW of Kamchatka, middle flow of Golygina River (51°52'N, 156°52'E), *Pinus pumila* stands, moss, 23.X.1988. All leg. A. Tanasevitch.

Micrargus subaequalis (Westring, 1851)

MATERIAL. 1 ♂, Maritime Province, Chernigovka District, near Dmitriyevka Village (44°21'N, 132°47'E), soya field, 18.VII.1988, leg. E. Mikhaleva.

Microneta viaria (Blackwall, 1841)

MATERIAL. 2 ♂♂, 7 ♀♀, Maritime Province, Khasanskiy District, Kedrovaya Pad' Nature Reserve (43°11'N, 131°28'E), broadleaved-*Abies holophylla* forest, in litter, VIII. 1990, leg. A. Tanasevitch.

Minyrioloides trifrons (O. Pickard-Cambridge, 1863)

MATERIAL. 1 ♀, Kamchatka, Milkovo (54°41'N, 158°38'E), Kamchatka River Valley, *Betula* forest with Gramineae, in grass, 23 & 24.VIII.1987, leg. A. Tanasevitch.

Mughiphantes taczanowskii (O. Pickard-Cambridge, 1873)

MATERIAL. 1 ♀, Amurskaya Area, Selezmdzhinskiy District, Selezmdzha River, 4 km up-stream of Ekimchan, up-stream of Unerikan Rill mouth, 495 m a.s.l., mosses and leaf litter under *Populus* sp., *Picea ajanensis*, *Abies nephrolepis*, with *Poaceae* gen. sp., *Equisetum* spp., *Pyrola* sp., *Ribes* sp., *Vaccinium vitis-idaea* in riverside forest, 27.VIII.2006, leg. A. Ryvkin.

Nematogmus sanguinolentus (Walckenaer, 1842)

MATERIAL. 1 ♂, 1 ♀, Irkutsk Area, 200 km N of Lake Baikal, Zhigalovo District, pipeline Kovykta to Zhigalovo (54°43'N, 105°17'E), swamp, 10.VIII.2006, leg. L. Rybalov.

Nenilinium asiaticum Eskov, 1988

MATERIAL. 1 ♀, Irkutsk Area, 200 km N of Lake Baikal, Zhigalovo District, pipeline Kovykta to Zhigalovo (54°43'N, 105°17'E), *Pinus* forest with diverse herbs, 13.VIII.2006, leg. L. Rybalov.

Neriere clathrata (Sundevall, 1830)

MATERIAL. 1 ♂, 1 ♀, Kamchatka, near Petropavlovsk-Kamchatsky, Elizovo, *Betula* forest with Gramineae, in grass, 11.VIII.1987; 21 ♂♂, 36 ♀♀, Kamchatka, Milkovo (54°41'N, 158°38'E), Kamchatka River Valley, *Betula* forest with Gramineae, in grass, 23 & 24.VIII.1987; 13 ♂♂, 18 ♀♀, same, *Betula* forest with fern, 23 & 24.VIII.1987, all leg. A. Tanasevitch; 1 ♂, Khakassia, Kuznetskiy Alatau Mts, bank of Tom River, 5 km below Balyksa (53°24'N, 89°07'E), 25.V.1997, leg. R. Dudko.

Notiogyne falcata Tanasevitch, 2007

MATERIAL. 2 ♀, Khabarovsk Province, Verkhnebureinskiy District, 4th km of Chegdomyn to Urgal road, mosses and plant debris on swampy sides of lake with tussocks of *Carex* spp. and *Poaceae* gen. sp., *Scirpus* sp., *Comarum palustre*, *Ledum palustre*, *Chamaedaphne calyculata*, *Vaccinium uliginosum*, *V. vitis-idaea*, *Betula middendorffii*, *Larix gmelinii*, *Sphagnum* spp., *Aulacomnium* sp., *Polytrichum* sp., etc., 5.X.2006, leg. A. Ryvkin.

Notioscopus sibiricus Tanasevitch, 2007

MATERIAL. 2 ♂♂, 1 ♀, Amurskaya Area, Selezmdzhinskiy District, Selezmdzha River basin up-stream of Ekimchan, Unerikan River, Ekimchan-Kharga road, 1.5 km up-stream of winter road, 550 m a.s.l., mosses and leaf litter in floodplain forest and along river bank: *Abies nephrolepis*, *Picea ajanensis*, *Betula platyphylla*, *Alnus* sp., *Poaceae* gen. spp., *Carex* spp., *Hylocomium splendens*, *Pleurozium schreberi*, *Sphagnum* spp., *Plagiomnium* sp., etc., 26.VIII.2006, leg. A. Ryvkin.

Obscuriphantes pseudoobscurus (Marusik, Hippa et Koponen, 1996)

MATERIAL. 2 ♂♂, Kamchatka, Kronotskiy Nature Reserve, 2 km W of Geysers Valley (54°20'N, 159°17'E), mountain tundra, 1000 m a.s.l., *Pinus pumila* stands, in moss & lichen, 2 & 3.IX.1987, leg. A. Tanasevitch; 1 ♀, SW of Kamchatka, middle flow of Golygina River (51°52'N, 156°52'E), *Pinus pumila* stands, moss, 23.X.1988, leg. A. Tanasevitch; 1 ♂, Kuznetskiy Alatau Nature Reserve, ca 16 km SW of Belogorsk, Kiya River, Bezymyanka River delta (54°54'N, 88°17'E), taiga, 14–17.VII.1994, leg. S. Golovatch & A. Ryvkin.

Oreonetides sajanensis Eskov, 1991

MATERIAL. 1 ♀, Khakassia, Kuznetskiy Alatau Mts, 20 km NE of Balyksa (53°24'N, 89°07'E), right affluent of Kainzas River, 1000 m a.s.l., forest, 22 & 23.V.1997, leg. R. Dudko.

Oryphantes bipilis (Kulczyński, 1885)

MATERIAL. 1 ♀, Kamchatka, 5 km SW Zhupanovo (54°05'N, 159°57'E) (53°33'N, 159°41'E), *Abies* forest, litter, 30.VIII.1987; 2 ♀♀, Kronotskiy Nature Reserve, Geysers Valley (54°20'N, 159°17'E), *Betula* sparse forest with *Filipendula* on slope, 500–600 m a.s.l., in litter, 31.VIII.–1.IX.1987; 1 ♂, 6 ♀♀, Petropavlovsk-Kamchatsky, hill near bank of Avacha Bay, *Betula* forest, litter, 16–19.IX.1988; 2 ♀♀, environs of Petropavlovsk-Kamchatsky, Elizovo, *Betula* forest with Gramineae, in litter, 11.VIII.1987; 1 ♂, Milkovo (54°41'N, 158°38'E), Kamchatka River Valley, *Betula* forest with Gramineae, in grass, 23 & 24.VIII.1987; 7 ♂♂, 6 ♀♀, near Malki (53°19'N, 157°27'E), bank of Bystraya River, *Salix* stands, litter, 28.IX.1988; 3 ♂♂, 9 ♂♂, SW of Kamchatka, middle flow of Golygina River (51°52'N, 156°52'E), *Pinus pumila* stands, in moss, 23.X.1988. All leg. A. Tanasevitch.

Oryphantes geminus (Tanasevitch, 1982)

MATERIAL. 1 ♂, 2 ♀♀, Evenkia, near Banavarka, 21.VIII.1994, leg. A. Ryvkin; 1 ♂, Krasnoyarsk Province, Tsentralno-Sibirskiy Nature Reserve, Yuzhnyi Cordon, 2.X.1994, leg. A. Ushakov; 1 ♀, Stolby Nature Reserve, 18.VIII.1994, leg. A. Ushakov; 1 ♂, 2 ♀♀, Irkutsk Area, Lake Baikal, Bolshiye Koty Field Station (51°54'N, 105°04'E), swampy *Betula* forest, in litter, 27.VI.1988, A. Tanasevitch; 2 ♂, Khakassia, Kuznetskiy Alatau Mts, 15 km NE of Balyksa (53°24'N, 89°07'E), right affluent of Terensug River, 1000–1400 m a.s.l., 19.V.1997, leg. R. Dudko; 1 ♀, Kuznetskiy

Alatau Nature Reserve, ca 16 km SW of Belogorsk, Kiya River, Bezmyanka River delta (54°54'N, 88°17'E), taiga, 14–17.VII.1994, leg. S. Golovatch & A. Ryvkin.

Panamomops dybowskii (O. Pickard-Cambridge, 1873)

MATERIAL. 1 ♂, Khakassia, Kuznetskiy Alatau Mts, 15 km NE of Balyksa (53°24'N, 89°07'E), right affluent of Terensug River, 1000–1400 m a.s.l., 19.V.1997, leg. R. Dudko; 1 ♀, Kemerovo Area, Kuznetskiy Alatau Nature Reserve, environs of Bezmyanka River mouth (54°54'N, 88°17'E), 14.VII.1994, leg. A. Ryvkin; 2 ♂♂, same, Kiya River, 2 km upper of Bezmyanka River mouth, 17.VII.1994, leg. A. Ryvkin.

Paciphantes zakharovi Eskov et Marusik, 1994

MATERIAL. 2 ♀♀, Maritime Province, Ussuriyskiy District, near Gornotayozhnoye Village (43°42'N, 132°09'E), broadleaved forest, in litter, 22.VII.1990, leg. A. Tanasevitch.

Palliduphantes alutacius (Simon, 1884)

MATERIAL. 1 ♂ (ZMMU, as *Lepthyphantes pallidus*), Murmansk Area, Khibiny Mts, near of Kirovsk, swamp, 13–23.IX.1986, leg. T. Rossolimo; 1 ♂ (ZMMU, as *Lepthyphantes pallidus*), Moscow Area, Moscow Nature University Field Station “Zvenigorodskaya”, 19–20.VI.1985, leg. K. Mikhailov; 1 ♀, (ZMMU, as *L. pallidus*), Bashkortostan Republic, Shulgán-Tash Nature Reserve, near Gadilgareevo, 450–500 m a.s.l., old *Quercus* forest with *Tilia*, *Acer* & *Pinus*, 17.VI.1992, leg. S. Golovatch & L. Penev.

Paraeboria jeniseica (Eskov, 1981)

MATERIAL. 2 ♂♂, 5 ♀♀, Amurskaya Area, Selezmdzhinskiy District, Selezmdzha River, 4 km up-stream of Ekimchan, up-stream of Unerikan Rill mouth, 495 m a.s.l., mosses and leaf litter under *Populus* sp., *Picea ajanensis*, *Abies nephrolepis*, with Poaceae gen. sp., *Equisetum* spp., *Pyrola* sp., *Ribes* sp., *Rosa* sp., *Vaccinium vitis-idaea* in riverside forest, 27.VIII.2006, leg. A. Ryvkin; 8 ♀♀, Mazanovskiy District, Nora River basin, Sorokavyorstnaya channel, lower reaches of Zolotoy Rill, 225 m a.s.l., stream banks: *Alnus* sp., *Pteridium aquilinum*, *Carex* spp., Poaceae gen. spp., *Sphagnum* spp., *Plagiomnium* sp., 28.VII.2006, leg. E. Veselova & A. Ryvkin; 12 ♂♂, 18 ♀♀, Khabarovsk Province, Verkhnebureinskiy District, 4th km of Chegdomyn to Urgal road, mosses and plant debris on swampy sides of wayside lake with tussocks of *Carex* spp. and Poaceae gen. sp., *Scirpus* sp., *Comarum palustre*, *Ledum palustre*, *Chamaedaphne calyculata*, *Vaccinium uliginosum*, *V. vitis-idaea*, *Betula midden-dorfii*, *Larix gmelinii*, *Sphagnum* spp., *Aulacomnium* sp., *Polytrichum* sp., 5.X.2006; 2 ♂♂, 8 ♀♀, Verkhnebureinskiy District, Bureinskiy Nature Reserve (buffer zone) near Strelka Cordon (54°54'N, 88°17'E), left side of Umal'ta-Makit River, 560 m a.s.l., mosses and leaf litter under *Populus* sp., *Alnus* sp., *Abies nephrolepis*, with Poaceae gen. spp., *Carex* spp., *Hylocomium splendens*, *Pleurozium schreberi*, *Plagiomnium* sp. in riverside forest at the foot of steep rocky slope, 17.IX.2006; 20 ♂♂ & ♀♀, Verkhnebureinskiy District, Bureya River, mouth of Levyi Ussomakh River, mosses and leaf litter in floodplain willow forest with *Carex* sp., *Climacium* sp., *Sphagnum* sp., *Plagiomnium* sp., 11.IX.2006. All leg. A. Ryvkin.

Parasisis amurensis Eskov, 1984

MATERIAL. 2 ♂♂, 4 ♀♀, Maritime Province, Khasanskiy District, Kedrovaya Pad' Nature Reserve (43°11'N, 131°28'E), broadleaved-*Abies holophylla* forest, in litter, VIII. 1990; 2 ♂♂, 3 ♀♀, Maritime Province, Ussuriyskiy District, near Gornotayozhnoye Village (43°42'N, 132°09'E), broadleaved forest, in litter, 9–19.VII.1990. All leg. A. Tanasevitch.

Parawubanoides unicornis (O. Pickard-Cambridge, 1873)

MATERIAL. 1 ♀, Kamchatka, Milkovo (54°41'N, 158°38'E), Kamchatka River Valley, *Betula* forest with fern, 23 & 24.VIII.1987, leg. A. Tanasevitch.

Pelecopsis mengei (Simon, 1884)

MATERIAL. 1 ♂, Kamchatka, Milkovo (54°41'N, 158°38'E), Kamchatka River Valley, *Betula* forest with fern, litter, 23 & 24.VIII.1987; 2 ♀♀, SW of Kamchatka, middle flow of Golygina River (51°52'N, 156°52'E), *Pinus pumila* stands, in moss, 23.X.1988, leg. A. Tanasevitch.

Pelecopsis parallela (Wider, 1834)

2001 *Pelecopsis baicalensis* Marusik, Koponen et Danilov, Bull. Br. Arachnol. Soc., 12 (2): 86, revised, **syn.n.**

MATERIAL EXAMINED. 1 ♂ (ZMMU), holotype of *Pelecopsis baicalensis*, Russia, Buryatia, Okhino-Klyuchi, pine forest, from pine tree, 7.IX.1983, leg. S. Danilov. *Pelecopsis parallela*: 41 ♂♂, 31 ♀♀ (ZMMU), NW Taimyr Peninsula, 40 km S of Dikson, leg. D. Osipov; 1 ♂, Taimyr Peninsula, lower flow region of Yenisei River, near Vorontsovo Village (71°30' N 83° E), VIII.1995, leg. L. Rybalov; 3 ♂, 2 ♀♀ (ZMMU), Yenisei River middle flow, near Mirnoye, summer, 1978–1979, leg. Eskov; 7 ♂♂, 5 ♂♂ (ZMMU), Wrangel Island, Somnitelnaya Bight, summer, 1986, leg. O. Khruleva; 2 ♂♂, (ZMMU), Chyukotka Peninsula, Chaun River mouth, 10.VII–4.VIII.1987, leg. Ryabukhin; 1 ♂ (ZMMU), Tyva Republic, near Turan, 7.VIII.1984, leg. A. Ryvkin; 2 ♂♂, 3 ♀♀, (ZMMU), Kyrgyzstan Republic, near Yarodar, 1500 m a.s.l., 30.IX.1983, leg. K. Eskov; 1 ♂ (ZMMU), Moldova Republic, Ataki, 28.III.1983, leg. Sekirova; 1 ♂ (ZMMU), same, 25.VII.1985, leg. Sekirova.

NEW MATERIAL of *Pelecopsis parallela*: 1 ♀, Kuznetskiy Alatau Nature Reserve, ca 16 km SW of Belogorsk, Kiya River, Bezmyanka River delta (54°54'N, 88°17'E), taiga, 14–17.VII.1994, leg. S. Golovatch & A. Ryvkin.

TAXONOMIC REMARKS. *P. baicalensis* was described by Marusik et al. [2001] from the Baikal Lake area from a single male. It was Named as differing from *P. parallela* by “the more elevated and wider cephalic area with steeper posterior slope, by the larger size of the carapace and palp, and lack of distinct pits in the thoracic part”. The above comparative material showed great differences in body and genitalic size; the shape and size of the cephalic lobe of the male carapace are also variable up to being considerably reduced. The small ventral projection of the tegulum as Named characteristic of *P. baicalensis* has also been observed in samples from Moldova, Chukotka, and Wrangel Island. Concerning the “lack of distinct pits in the thoracic part”, the pits are present, however indistinctly, just as in some samples of *P. parallela*. It is noteworthy that pale samples show less pits on the carapace than dark specimens. Summarizing, the holotype described as *P. baicalensis* fits well the variation range of, and fails to differ from, *P. parallela*. So it is to be considered as a junior synonym, **syn.n.**

Phlathothrata parva (Kulczyński, 1926)

MATERIAL. 10 ♂♂, 14 ♀♀, Kamchatka, Milkovo (54°41'N, 158°38'E), Kamchatka River Valley, *Betula* forest with Gramineae, in litter, 23 & 24.VIII.1987; 9 ♂♂, 12 ♀♀, near Malki (53°19'N, 157°27'E), bank of Bystraya River, *Salix* stands, in litter, 28.IX.1988. All leg. A. Tanasevitch.

Perregrinus deformis (Tanasevitch, 1982)

MATERIAL. 1 ♀, Irkutsk Area, Lake Baikal, Bolshiye Koty Field Station (51°54'N, 105°04'E), swampy *Betula* forest, in litter & moss, 27.VI.1988, leg. A. Tanasevitch; 6 ♂♂, 3 ♀♀, Khabarovsk Province, Verkhnebureinskiy District, 4th km of Chegdomyn–Urgal road, mosses and plant debris on swampy sides of wayside lake with tussocks of *Carex* spp. and Poaceae gen. sp., *Scirpus* sp., *Comarum palustre*, *Ledum palustre*, *Chamaedaphne calyculata*, *Vaccinium uliginosum*, *V. vitis-idaea*, *Betula middendorffii*, *Larix gmelinii*, *Sphagnum* spp., *Aulacomnium* sp., *Polytrichum* sp., 5.X.2006, leg. A. Ryvkin; 1 ♂, 3 ♀♀, Verkhnebureinskiy District, Bureinskiy Nature Reserve (buffer zone) near Strelka Cordon (54°54'N, 88°17'E), 550 m a.s.l., mosses and leaf litter among *Alnus* sp., *Padus* sp., *Betula platyphylla*, *Salix* sp., undergrowth of *Picea ajanensis* and *Abies nephrolepis*, with *Sphagnum* spp., *Polytrichum commune*, *Hylocomium splendens*, *Pleurozium schreberi*, sparse Poaceae, *Carex* spp., *Ledum palustre* along a rill under mountain slope near mouth of Umal'ta-Makit River, 24.IX.2006, leg. A. Ryvkin.

Poeciloneura petrophila Tanasevitch, 1989

MATERIAL. 1 ♂, Irkutsk Area, Lake Baikal, Bolshiye Koty Field Station (51°54'N, 105°04'E), *Pinus* forest on steep slope, among stones, 15.VI.1988, leg. A. Tanasevitch.

Poeciloneura variegata (Blackwall, 1841)

MATERIAL. 1 ♀, Kamchatka, Milkovo (54°41'N, 158°38'E), Kamchatka River Valley, *Betula* forest with Gramineae, in litter, 23 & 24.VIII.1987, leg. A. Tanasevitch.

Porrhomma longjiangensis Zhu et Wang, 1983

MATERIAL. 1 f, Khabarovsk Province, Verkhnebureinskiy District, Bureinskiy Nature Reserve, near Strelka Cordon (54°54'N, 88°17'E), island on Bureya River, 550 m a.s.l., leaf litter and drift on sand and shingles among *Populus* sp., *Salix* sp., with Poaceae gen. sp., *Carex* sp., 22.IX.2006, leg. A. Ryvkin; 1 ♂, 1 ♀, Maritime Province, 35 km SE of Chyuguevka, Verkhneussuriyskiy Field Station (43°57'N, 134°01'E), in pile of logs, 11.VII.1990.

Porrhomma pallidum Jackson, 1913

MATERIAL. 13 ♂♂, 11 ♀♀, Kamchatka, Milkovo (54°41'N, 158°38'E), Kamchatka River valley, *Betula* forest with Gramineae, in litter, 23 & 24.VIII.1987; 1 ♂, 1 ♀, near Malki (53°19'N, 157°27'E), bank of Bystraia River, *Salix* stands, in litter, 28.IX.1988; 1 ♀, SW of Kamchatka, middle flow of Golygina River (51°52'N, 156°52'E), *Pinus pumila* stands, in moss, 23.X.1988, leg. A. Tanasevitch.

Porrhomma pygmaeum (Blackwall, 1834)

MATERIAL. 1 ♂, 2 ♀♀, Irkutsk Area, 200 km N of Lake Baikal, Zhigalovo District, pipeline Kovykta to Zhigalovo (54°43'N, 105°17'E), *Pinus* forest, 11.VIII.2006, leg. L. Rybalov; 1 ♀, SW of Kamchatka, middle flow of Golygina River (51°52'N, 156°52'E), *Pinus pumila* stands, in moss, 23.X.1988, leg. A. Tanasevitch.

Pseudowubana waga (O. Pickard-Cambridge, 1873)

MATERIAL. 3 ♀♀, Khabarovsk Province, Verkhnebureinskiy District, 4th km of Chegdomyn to Urgal road, mosses and plant debris on swampy sides of wayside lake with tussocks of *Carex* spp. and Poaceae gen. sp., *Scirpus* sp., *Comarum palustre*, *Ledum palustre*, *Chamaedaphne calyculata*, *Vaccinium uliginosum*, *V. vitis-idaea*, *Betula middendorffii*, *Larix gmelinii*, *Sphagnum* spp.,

Aulacomnium sp., *Polytrichum* sp., 5.X.2006, leg. A. Ryvkin; 2 ♂♂, 2 ♀♀, Verkhnebureinskiy District, Bureinskiy Nature Reserve, near Strelka Cordon (54°54'N, 88°17'E), mouth of Pravaya Bureya River, 560 m a.s.l., mosses and plant debris on swampy sides of lake and rill, with *Carex* spp., Poaceae gen. sp., *Sphagnum* spp., *Ledum palustre*, *Chamaedaphne calyculata*, *Polytrichum* spp., *Comarum palustre*, 1.X.2006, leg. A. Ryvkin.

Sachaliphantes sachalinensis (Tanasevitch, 1988), **comb.n.**

1988 *Leptyphantes sachalinensis* Tanasevitch, Spixiana, 10 (3): 338.

2003 *Mughiphantes* (*Sachaliphantes*) *sachalinensis*. — Saarisalo & Tanasevitch, Revue Arachnologique, 4 (7): 124.

MATERIAL. 1 ♀, Sakhalin, Makarov District (48°37'N, 142°46'E), near Pugachyovo Village, 5 & 6.IX.1988, leg. A. Basarukin.

REMARKS. This species was originally described in *Leptyphantes* Menge, 1866 [Tanasevitch, 1988]. Later it was transferred to *Mughiphantes* Saarisalo et Tanasevitch, 1999 [Saarisalo et Tanasevitch, 1999] as the type species of the newly established subgenus *Sachaliphantes* Saarisalo et Tanasevitch, 2003 within *Mughiphantes*. In the diagnosis, the authors mentioned that *M. sachalinensis* had an unusual palpal basic conformation, e.g., flat paracymbium, reduced terminal apophysis etc. So its status is now to be elevated to full generic rank, *Sachaliphantes* **stat.n.**

Savignia birostra (Chamberlin et Ivie, 1947)

MATERIAL. 1 ♂, Khabarovsk Province, Verkhnebureinskiy District, 20th km of Chegdomyn to Urgal road, mosses and plant debris on swampy sides of wayside lake with *Carex* spp., Poaceae gen. sp., *Ledum palustre*, *Chamaedaphne calyculata*, *Vaccinium uliginosum*, *Spiraea* sp., *Sphagnum* spp., undergrowth of *Betula platyphylla* and *Larix gmelinii*, 6.X.2006, leg. A. Ryvkin; 2 ♀♀, Kamchatka, Kronotskiy Nature Reserve, Geysers Valley (54°20'N, 159°17'E), moss on thermal slope, 450 m a.s.l., 30.VIII.–5.IX.1987, leg. A. Tanasevitch; 1 ♂, 2 ♀♀, SW of Kamchatka, middle flow of Golygina River (51°52'N, 156°52'E), *Pinus pumila* stands, in moss, 23.X.1988, leg. A. Tanasevitch.

Savignia zero Eskov, 1988

MATERIAL. 1 ♂, Khabarovsk Province, Verkhnebureinskiy District, Bureinskiy Nature Reserve (buffer zone) near Strelka Cordon (54°54'N, 88°17'E), 550 m a.s.l., mosses and plant debris among *Carex* spp. and Poaceae on sandy bank of narrow afforested channel of Umal'ta-Makit River, 29.IX.2006, leg. A. Ryvkin.

Scotargus pilosus Simon, 1913

MATERIAL. 1 ♀, Maritime Province, 35 km SE of Chyuguevka, Verkhneussuriyskiy Field Station (43°57'N, 134°01'E), in pile of logs, 11.VII.1990, leg. A. Tanasevitch.

Scotinotylus alpigena (L. Koch, 1869)

MATERIAL. 1 ♀, Irkutsk Area, 200 km N of Lake Baikal, Zhigalovo District, pipeline Kovykta to Zhigalovo (54°43'N, 105°17'E), *Picea* forest, 11.VIII.2006, leg. L. Rybalov.

Scotinotylus protervus (L. Koch, 1879)

MATERIAL. 1 ♀, Khakassia, Kuznetskiy Alatau Mts, Teren-Kazyrsky Mt Ridge, 25 km NNE of Balyksa (53°24'N, 89°07'E),

environs of Mt Odinokaya, 1500–1900 m a.s.l., alpine, 21.V.1997, leg. R. Dudko.

Semljicola latus (Holm, 1939)

MATERIAL. 3 ♂♂, 1 ♀, Irkutsk Area, 200 km N of Lake Baikal, Zhigalovo District, pipeline Kovykta to Zhigalovo (54°43'N, 105°17'E), *Picea* forest, 11.VIII.2006, leg. L. Rybalov; 1 ♂, 1 ♀, Irkutsk Area, Lake Baikal, Marituy Field Station (51°46'N, 104°11'E), *Betula* forest with fern, in moss, 12.VII.1988, leg. A. Tanasevitch; 2 ♂♂, 1 ♀, Khakassia, Kuznetskiy Alatau Mts, 15 km NE of Balyksa (53°24'N, 89°07'E), right affluent of Terensug River, 1000–1400 m a.s.l., 19.V.1997, leg. R. Dudko.

Semljicola thaleri (Eskov, 1981)

MATERIAL. 1 ♂, Irkutsk Area, 200 km N of Lake Baikal, Zhigalovo District, pipeline Kovykta to Zhigalovo (54°43'N, 105°17'E), *Larix* forest, 13.VIII.2006, leg. L. Rybalov; 1 ♂, 2 ♀♀, Amurskaya Area, Selezmdzhinskiy District, Selezmdzha River basin up-stream of Ekimchan, Unerikan River, Ekimchan-Kharga road, 1.5 km up-stream of winter road, 550 m a.s.l., mosses and leaf litter in flood-plain forest and along river bank: *Abies nephrolepis*, *Picea ajanensis*, *Betula platyphylla*, *Alnus* sp., Poaceae gen. spp., *Carex* spp., *Hylocomium splendens*, *Pleurozium schreberi*, *Sphagnum girgensohnii*, *Sph.* sp., *Plagiomnium* sp., 26.VIII.2006, leg. A. Ryvkin.

Silometopoides mongolensis Eskov et Marusik, 1992

MATERIAL. 1 ♂, 1 ♀, Irkutsk Area, 200 km N of Lake Baikal, Zhigalovo District, pipeline Kovykta to Zhigalovo (54°43'N, 105°17'E), *Larix* forest, 13.VIII.2006, leg. L. Rybalov.

Silometopoides sphagnicola Eskov et Marusik, 1992

MATERIAL. 2 ♂♂, Irkutsk Area, 200 km N of Lake Baikal, Zhigalovo District, pipeline Kovykta to Zhigalovo (54°43'N, 105°17'E), floodplain meadow, 10.VIII.2006, leg. L. Rybalov; 20 ♂♂ & ♀♀, Khabarovsk Province, Verkhnebureinskiy District, 20th km of Chegdomyn to Urgal road, mosses and plant debris on swampy sides of lake with *Carex* spp., Poaceae gen. sp., *Ledum palustre*, *Chamaedaphne calyculata*, *Vaccinium uliginosum*, *Spiraea* sp., *Sphagnum* spp., undergrowth of *Betula platyphylla* and *Larix gmelinii*, 6.X.2006, leg. A. Ryvkin.

Silometopus acutus Holm, 1977

MATERIAL. 1 ♂, Murmansk Area, Allakurti Nature Reserve (66°58'N, 30°21'E), in soil sample, 8–15.VIII.2005, leg. M. Shashkov.

Silometopus ambiguus (O. Pickard-Cambridge, 1905)

MATERIAL. 1 ♂ (ZMMU), south of Yamal Peninsula, Shchyuchya River flow, Verkheshchyuchye Village (67°23'N, 68°38'E), 14.VIII–21.IX.1980, leg. T. Andreeva; 1 ♂ (ZMMU), same, Shchyuchya River flow, Shchyuchye Village (67°14'N, 68°42'E), leg. A. Tikhomirova (both det. by K. Eskov as *S. curtus* (Simon, 1881), unpublished).

COMMENTS. This species has hitherto been known in Russia only from NE of Bolshezemelskaya tundra, Vorkuta Area [Tanasevitch & Koponen, 2007].

Silometopus reussi (Thorell, 1871)

MATERIAL. 1 ♂, Irkutsk Area, 200 km N of Lake Baikal, Zhigalovo District, pipeline Kovykta to Zhigalovo (54°43'N,

105°17'E), *Picea* forest, 11.VIII.2006, leg. L. Rybalov; 3 ♂♂, 2 ♀♀, Irkutsk Area, in the yard on a village, in grass & litter, 25.VIII.2000, leg. L. Trilikauskas.

Silometopus uralensis Tanasevitch, 1986

MATERIAL. 1 ♂, Irkutsk Area, 200 km N of Lake Baikal, Zhigalovo District, pipeline Kovykta to Zhigalovo (54°43'N, 105°17'E), *Picea* forest, 11.VIII.2006, leg. L. Rybalov.

Scotinotylus sacer (Crosby, 1929)

MATERIAL. 5 ♀♀, Irkutsk Area, Lake Baikal, Bolshiye Koty Field Station (51°54'N, 105°04'E), *Pinus* forest with boulders overgrown by moss, in moss, 17.VI.1988, leg. A. Tanasevitch.

Strandella pargongensis (Paik, 1965)

MATERIAL. 2 ♂♂, 6 ♀♀, Maritime Province, Khasanskiy District, Kedrovaya Pad' Nature Reserve (43°11'N, 131°28'E), 22.V.1976, leg. B. Zakharov.

Styloctetor romanus (O. Pickard-Cambridge, 1872)

MATERIAL. 1 ♂, Russia, Samara Area, near Neftegorsk, *Artemisia* steppe, 5.X.1999, leg. A. Tanasevitch.

(?) *Tanasevitchia strandi* (Ermolajev, 1937),
comb.n.

Figs 51–53.

1937 *Araeoncus strandi* Ermolajev, Festschr. Strand., 3: 601, ♂ & ♀.

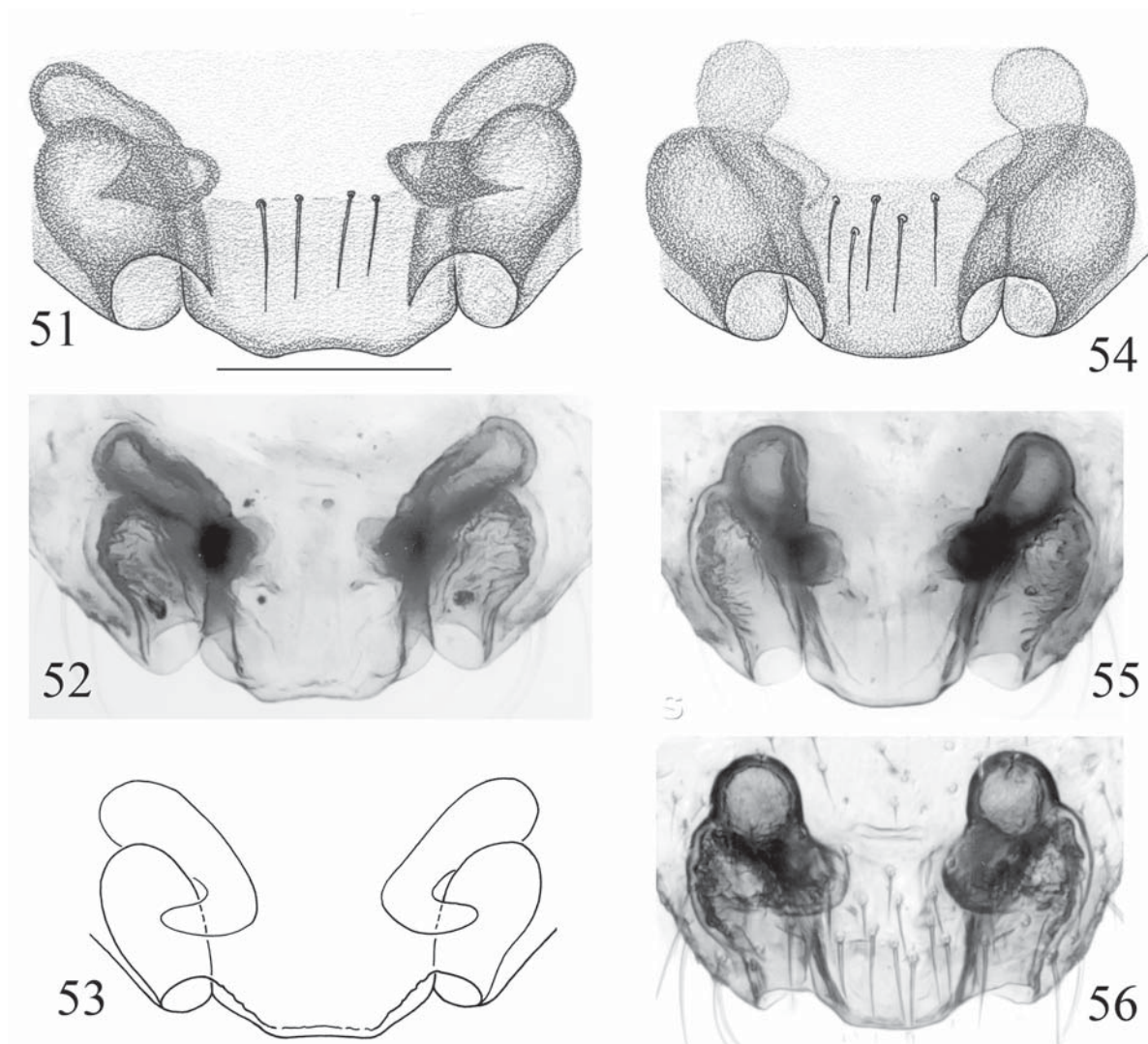
1992 *Minicia strandi*. — Eskov, Arthropoda Selecta 1 (2): 75.

MATERIAL. 2 ♀♀, Khakassia, Kuznetskiy Alatau Mts, Teren-Kazyrsky Mt Ridge, 25 km NNE of Balyksa (53°24'N, 89°07'E), environs of Mt Odinokaya, 1500–1900 m a.s.l., alpine, 21.V.1997, leg. R. Dudko.

COMMENTS. This species was originally described in *Araeoncus* Simon, 1884, from the Altai Mts (Khasanikha River) [Ermolajev, 1937] and has since never been found. Even though the original description was only provided with schematic figures, the species clearly belongs to the genus *Tanasevitchia* Marusik et Saaristo, 1999 and seems to be most similar to *T. uralensis* (Tanasevitch, 1983). I have only two females which can be treated as *T. strandi*. This species can be separated from *T. uralensis* by structural details of the vulva, notably, the wider central part of the epigyne, as well as by the shape and direction of the receptacula (cf. Figs 51–53 & 54–56).

Tapinocyba kolymensis Eskov, 1989

MATERIAL. 15 ♂♂, 20 ♀♀, Khabarovsk Province, Verkhnebureinskiy District, Bureinskiy Nature Reserve near Strelka Cordon (54°54'N, 88°17'E), island on Bureya River, 550 m a.s.l., leaf litter and drift on sand and shingles among *Populus* sp., *Salix* sp., with Poaceae gen. sp., *Carex* sp., 22.IX.2006, leg. A. Ryvkin; 1 ♂, 1 ♀, Verkhnebureinskiy District, Bureya River, 3 km up-stream of Tastakh River mouth, near mouth of Saganar River, leaf litter and mosses in flood-plain forest with *Larix gmelinii*, *Alnus* sp., *Padus* sp., *Picea ajanensis*, 11.IX.2006, leg. A. Ryvkin; 1 ♂, Maritime Province, Khasanskiy District, Kedrovaya Pad' Nature Reserve (43°11'N, 131°28'E), Pakenevskiy Klyuch, 22.V.1976, leg. B. Zakharov.



Figs 51–56. Epigyne and vulva of (?)*Tanasevitchia strandi* (Ermolajev, 1937) (51–53) and *T. uralensis* (Tanasevitch, 1983) (54–56); all — ventral view. 54 & 55 — sample from Polar Urals, Sob' River Valley; 56 — sample from Amur Area, Selezmdzhinskiy District.

Рис. 51–56. Эпигина и эндогина (?)*Tanasevitchia strandi* (Ермолаев, 1937) (51–53) и *T. uralensis* (Танасевич, 1983) (54–56); вид снизу. 54 & 55 — экземпляры с Полярного Урала, долина р. Собь; 56 — экземпляр из Селемджинского р-на, Амурской обл.

Tenuiphantes alacris (Blackwall, 1853)

MATERIAL. 3 ♀♀, Kamchatka, Petropavlovsk-Kamchatsky, hill near bank of Avacha Bay, Betula forest, litter, 22.VIII.1987; 1 ♀, Kamchatka, Kronotskiy Nature Reserve, Geysers Valley (54°20'N, 159°17'E), Betula sparse forest with *Filipendula* on slope, 500–600 m a.s.l., in litter, 31.VIII.1987; 1 ♀, 5 km SW Zhupanovo (54°05'N, 159°57'E), *Abies* forest, litter, 30.VIII.1987; 5 ♀♀, same, *Alnus* forest with fern, 30.VIII.1987; 4 ♀♀, SW of Kamchatka, middle flow of Golygina River (51°52'N, 156°52'E), *Pinus pumila* stands, in moss, 23.X.1988. All leg. A. Tanasevitch.

Tenuiphantes ateripes (Tanasevitch, 1988)

MATERIAL. 1 ♀, Amurskaya Area, Selezmdzhinskiy District, Selezmdzha River, 4 km up-stream of Ekimchan, up-stream of Unerikan Rill mouth, 494 m a.s.l., mosses and leaf litter in swampy larch forest with undergrowth of *Alnus* sp., *Vaccinium vitis-idaea*,

Ledum palustre, Poaceae gen. sp., *Carex* spp., *Pyrola* sp., *Rubus arcticus*, *Hylocomium splendens*, *Sphagnum* spp., *Polytrichum commune*, etc., with open water in depressions near river bank, 27.VIII.2006, leg. A. Ryvkin.

Thaleria alnetorum Eskov et Marusik, 1991

MATERIAL. 5 ♂♂, 3 ♀♀, Amurskaya Area, Selezmdzhinskiy District, Selezmdzha River basin up-stream of Ekimchan, Unerikan River, Ekimchan-Kharga road, 1.5 km up-stream of winter road, 550 m a.s.l., mosses and leaf litter in floodplain forest and along river bank: *Abies nephrolepis*, *Picea ajanensis*, *Betula platyphylloides*, *Alnus* sp., Poaceae gen. spp., *Carex* spp., *Hylocomium splendens*, *Pleurozium schreberi*, *Sphagnum* spp., *Plagiommium* sp., etc., 26.VIII.2006, leg. A. Ryvkin; 20 ♂♂ & ♀♀, Khabarovsk Province, Verkhnebureinskiy District, Bureinskiy Nature Reserve (buffer zone) near Strelka Cordon (54°54'N, 88°17'E), 550 m a.s.l., mosses and leaf litter among *Picea ajanensis*, *Larix gmelinii*,

Populus sp., *Padus* sp., *Alnus* sp., *Swida alba*, with Poaceae gen. spp., *Sphagnum* spp., *Hylacomium splendens*, *Pleurozium schreberi*, *Carex* sp., etc. along rill under mountain slope near mouth of Umal'ta-Makit River, 14.IX.2006, leg. A. Ryvkin.

Tenuiphantes menzei (Kulczyński, 1887)

MATERIAL. 1 ♀, Irkutsk Area, 200 km N of Lake Baikal, Zhigalovo District, pipeline Kovykta to Zhigalovo (54°43'N, 105°17'E), 10.VIII.2006, leg. L. Rybalov; 9 ♂♂, 13 ♀♀, Kamchatka, Petropavlovsk-Kamchatsky, hill near bank of Avacha Bay, *Betula* forest, in litter, 22.VIII.1987; 5 ♂♂, 21 ♀♀, same locality, 16–19.IX.1988; 1 ♀, same, seacoast, in grass, 26.IX.1988; 2 ♂♂, 3 ♀♀, environs of Petropavlovsk-Kamchatsky, near Paratunka, *Betula* forest with Gramineae, in litter, 12.VIII.1987; 3 ♂♂, 7 ♀♀, Kronotskiy Nature Reserve, Geysers Valley (54°20'N, 159°17'E), 500–600 m a.s.l., open slope, in grass, 31.VIII.1987; 1 ♀, Milkovo (54°41'N, 158°38'E), Kamchatka River Valley, *Betula* forest with Gramineae, in grass, 23 & 24.VIII.1987; 1 ♀, near Malki (53°19'N, 157°27'E), bank of Bystraya River, *Salix* stands, litter, 28.IX.1988. All leg. A. Tanasevitch.

Tenuiphantes nigriventris (L. Koch, 1879)

MATERIAL. 4 ♀♀, Kamchatka, Kronotskiy Nature Reserve, Geysers Valley (54°20'N, 159°17'E), *Betula* sparse forest with *Filipendula* on slope, 500–600 m a.s.l., in litter, 31.VIII.1987; 5 ♀♀, same, *Alnus* forest with fern, 31.VIII.1987; 1 ♀, 5 km SW Zhupanovo (54°05'N, 159°57'E) (53°33'N, 159°41'E), *Abies* forest, in litter, 30.VIII.1987; 1 ♀, environs of Petropavlovsk-Kamchatsky, Elizovo, *Betula* forest with Gramineae, in litter, 11.VIII.1987; 1 ♂, Milkovo (54°41'N, 158°38'E), Kamchatka River Valley, *Betula* forest with Gramineae, in grass, 23 & 24.VIII.1987; all leg. A. Tanasevitch; 1 ♀, Kemerovo Area, environs of Mezhdurechensk (53°39'N, 88°0'N), 3 km upper of Usa River mouth, 23.IX.1997, leg. R. Dudko & I. Lyubechiansky; 1 ♀, Kemerovo Area, Kuznetskiy Alatau Nature Reserve, ca 16 km SW of Belogorsk, Kiya River, Bezmyanka River delta (54°54'N, 88°17'E), taiga, 14–17.VII.1994, leg. S. Golovatch & A. Ryvkin; 1 ♂, 1 ♀, same, Kiya River, 2 km upper of Bezymianka River mouth, 17.VII.1994, leg. A. Ryvkin.

Thaleria orientalis Tanasevitch, 1984

MATERIAL. 1 ♂, 8 ♀♀, Irkutsk Area, Lake Baikal, Bolshiye Koty Field Station (51°54'N, 105°04'E), *Alnus* stands with diverse herbs on brook bank, 7.VII.1988, leg. A. Tanasevitch.

Tibioplus diversus (L. Koch, 1879)

MATERIAL. 1 ♂, Kamchatka, Kronotskiy Nature Reserve, Geysers Valley (54°20'N, 159°17'E), *Alnus* forest with fern on slope, 500–600 m a.s.l., litter, 31.VIII.1987, leg. A. Tanasevitch.

Tibioploides arcuatus (Tullgren, 1955)

MATERIAL. 1 ♂, 1 ♀, Irkutsk Area, 200 km N of Lake Baikal, Zhigalovo District, pipeline Kovykta to Zhigalovo (54°43'N, 105°17'E), *Picea* forest, 11.VIII.2006, leg. L. Rybalov.

Thyreosthenius parasiticus (Westring, 1851)

MATERIAL. 1 ♂, Kuznetskiy Alatau Nature Reserve, ca 16 km SW of Belogorsk, Kiya River, Bezmyanka River delta (54°54'N, 88°17'E), taiga, 14–17.VII.1994, leg. S. Golovatch & A. Ryvkin.

Tibioplus diversus (L. Koch, 1879)

MATERIAL. 1 ♀, Khakassia, Kuznetskiy Alatau Mts, 15 km NE of Balyksa (53°24'N, 89°07'E), right affluent of Terensug River, 1000–1400 m a.s.l., 19.V.1997, leg. R. Dudko.

Tibioploides arcuatus (Tullgren, 1955)

MATERIAL. 1 ♀, Kemerovo Area, Kuznetskiy Alatau Nature Reserve, Kiya River mouth (54°54'N, 88°17'E), 16.VII.1994, leg. A. Ryvkin.

Tiso aestivus (L. Koch, 1872)

MATERIAL. 3 ♂♂, 17 ♀♀, Kamchatka, Kronotskiy Nature Reserve, 2 km W of Geysers Valley (54°20'N, 159°17'E), mountain tundra, 1000 m a.s.l., *Pinus pumila* stands, in moss & lichen, 2 & 3.IX.1987; 1 ♀, Kronotskiy Nature Reserve, caldera of Volcano Uzon (54°29'N, 160°0'E), mountain tundra, *Vaccinium uliginosum*, 5.IX.1987. All leg. A. Tanasevitch.

Tmeticus bipunctis (Bösenberg et Strand, 1906)

MATERIAL. 2 ♂♂, Kamchatka, 5 km SW Zhupanovo (54°05'N, 159°57'E), *Abies* forest, in litter, 30.VIII.1987; 6 ♂♂, 5 ♀♀, environs of Petropavlovsk-Kamchatsky, Paratunka, *Betula* forest with Gramineae, in litter, 12.VIII.1987; 3 ♂♂, 6 ♀♀, Maritime Province, Chernigovka District, near Dmitriyevka Village (44°21'N, 132°47'E), willow stands, in sedge, 16.VII.1990. All leg. A. Tanasevitch.

Troxochrus scabriculus (Westring, 1851)

MATERIAL. 1 ♂, Tyumen' Area, ca 50 km N of Tobolsk, "Missiya" Field Station, in pitfall traps, 14–24.VI.2006, leg. L. Rybalov; 1 ♀, Irkutsk Area, Lake Baikal, Bolshiye Koty Field Station (51°54'N, 105°04'E), in yard, 13.VI.1988, leg. A. Tanasevitch.

Tunagyna debilis (Banks, 1892)

MATERIAL. 1 ♂, Kamchatka, Kronotskiy Nature Reserve, Geysers Valley (54°20'N, 159°17'E), *Betula* sparse forest with *Filipendula* on slope, 500–600 m a.s.l., in litter, 31.VIII.–1.IX.1987; 6 ♀♀, Geysers Valley (54°20'N, 159°17'E), moss on thermal slope, 450 m a.s.l., 30.VIII.–5.IX.1987; 1 ♀, Petropavlovsk-Kamchatsky, bank of lake, *Salix* bushes with Gramineae, in litter, 26.IX.1988; 1 ♂, SW of Kamchatka, middle flow of Golygina River (51°52'N, 156°52'E), *Pinus pumila* stands, in moss, 23.X.1988; 5 ♀♀, mouth of Golygina River (51°53'N, 156°31'E), *Salix* stands, in litter, 29.X.1988. All leg. A. Tanasevitch.

Typhochrestoides baikalensis Eskov, 1990

MATERIAL. 1 ♀, Kemerovo Area, Kuznetskiy Alatau Mts, Mt Bolshoi Zub, 1500–1700 m a.s.l., alpine, 26.IX.1997, leg. R. Dudko & I. Lyubechiansky.

Ummeliata feminea Bösenberg et Strand, 1906

MATERIAL. 2 ♂♂, 8 ♀♀, Maritime Province, Khasanskiy District, Kedrovaya Pad' Nature Reserve (43°11'N, 131°28'E), Kabaniy Klyuch, 5.VI.1976, leg. B. Zakharov.

Walckenaeria alticeps (Denis, 1952)

MATERIAL. Arkhangelsk Area, near Arkhangelsk, Vas'kovo Village (64°26'N, 40°26'E), young *Pinus* forest with *Betula*, 30.VI.1983, leg. A. Tanasevitch.

Walckenaeria antica (Wider, 1834)

MATERIAL. 2 ♂♂, Khakassia, Kuznetskiy Alatau Mts, 15 km NE of Balyksa (53°24'N, 89°07'E), right affluent of Terensug

River, 1000–1400 m a.s.l., 19.V.1997, leg. R. Dudko; 1 ♀, Kuznetskiy Alatau Nature Reserve, ca 16 km SW of Belogorsk, Kiya River, Bezmyanka River delta (54°54'N, 88°17'E), taiga, 14–17.VII.1994, leg. S. Golovatch & A. Ryvkin.

Walckenaeria auranticeps (Emerton, 1882)

MATERIAL. 3 ♀♀, Kamchatka, Milkovo (54°41'N, 158°38'E), Kamchatka River Valley, meadow with diverse herbs, in grass, sweeping, 23.VIII.1987, leg. A. Tanasevitch.

Walckenaeria basarukini Eskov et Marusik, 1994

MATERIAL. 1 ♀, Amurskaya Area, Selezmdzhinskiy District, Selezmdzha River, 4 km up-stream of Ekimchan, up-stream of Un-erikan Rill mouth, 494 m a.s.l., mosses and leaf litter in swampy larch forest with undergrowth of *Alnus* sp., *Vaccinium vitis-idaea*, *Ledum palustre*, Poaceae gen. sp., *Carex* spp., *Pyrola* sp., *Rubus arcticus*, *Hylocomium splendens*, *Sphagnum* spp., *Polytrichum commune*, etc., with open water in depressions, near river bank, 27.VIII.2006, leg. A. Ryvkin.

Walckenaeria capito (Westring, 1861)

MATERIAL. 1 ♀, Khakassia, Kuznetskiy Alatau Mts, 20 km NE of Balyksa (53°24'N, 89°07'E), right affluent of Kainzas River, 1000 m a.s.l., forest, 22 & 23.V.1997, leg. R. Dudko.

Walckenaeria cuspidata Blackwall, 1833

MATERIAL. 3 ♂♂, 3 ♀♀, Kamchatka, Kronotskiy Nature Reserve, Geysers Valley (54°20'N, 159°17'E), *Betula* sparse forest with *Filipendula* on slope, 500–600 m a.s.l., in litter, 31.VIII.–1.IX.1987; same, open slope, in grass, 30.VIII.1987; 6 ♂♂, 8 ♀♀, SW of Kamchatka, middle flow of Golygina River (51°52'N, 156°52'E), *Pinus pumila* stands, in moss, 23.X.1988; 1 ♂, 3 ♀♀, mouth of Golygina River (51°53'N, 156°31'E), *Salix* stands, litter, 29.X.1988. All leg. A. Tanasevitch.

Walckenaeria fraudatrix Millidge, 1983

MATERIAL. 1 ♂, Kamchatka, Kronotskiy Nature Reserve, Geysers Valley (54°20'N, 159°17'E), *Betula* sparse forest with *Filipendula* on slope, 500–600 m a.s.l., in litter, 31.VIII.–1.IX.1987; 6 ♀♀, Kronotskiy Nature Reserve, Geysers Valley (54°20'N, 159°17'E), moss on thermal slope, 450 m a.s.l., 30.VIII.–5.IX.1987; 1 ♀, Kamchatka, Petropavlovsk-Kamchatsky, bank of lake, *Salix* bushes with Gramineae, in litter, 26.IX.1988; 1 ♂, SW of Kamchatka, middle flow of Golygina River (51°52'N, 156°52'E), *Pinus pumila* stands, in moss, 23.X.1988; 5 ♀♀, mouth of Golygina River (51°53'N, 156°31'E), *Salix* stands, in litter, 29.X.1988. All leg. A. Tanasevitch.

Walckenaeria karpinskii (O. Pickard-Cambridge, 1873)

MATERIAL. 2 ♂♂, 5 ♀♀, Kamchatka, Kronotskiy Nature Reserve, Geysers Valley (54°20'N, 159°17'E), *Betula* sparse forest with *Filipendula* on slope, 500–600 m a.s.l., in litter, 31.VIII.–1.IX.1987; 1 ♂, 11 ♀♀, 2 km W of Geysers Valley (54°20'N, 159°17'E), mountain tundra, 1000 m a.s.l., *Pinus pumila* stands, in moss, 2 & 3.IX.1987. All leg. A. Tanasevitch.

Walckenaeria korobeinikovi Eshunin et Efimik, 1996

MATERIAL. 1 ♀, Kamchatka, 2 km W of Geysers Valley (54°20'N, 159°17'E), mountain tundra, 1000 m a.s.l., *Pinus pumila* stands, in moss, 2 & 3.IX.1987, leg. A. Tanasevitch.

Walckenaeria lepida (Kulczyński, 1885)

MATERIAL. 2 ♂♂, Kamchatka, Kronotskiy Nature Reserve, Geysers Valley (54°20'N, 159°17'E), *Betula* sparse forest with *Filipendula* on slope, 500–600 m a.s.l., in litter, 31.VIII.1987, leg. A. Tanasevitch; 1 ♀, Khakassia, Kuznetskiy Alatau Mts, 20 km NE of Balyksa (53°24'N, 89°07'E), right affluent of Kainzas River, 1000 m a.s.l., forest, 22 & 23.V.1997, leg. R. Dudko.

Walckenaeria nodosa O. Pickard-Cambridge, 1873

MATERIAL. 1 ♀, Irkutsk Area, Lake Baikal, Bolshiye Koty Field Station (51°54'N, 105°04'E), *Pinus* forest with boulders overgrown by moss, in moss, 17.VI.1988; 1 ♀, Kamchatka, Petropavlovsk-Kamchatsky, bank of lake, *Salix* bushes with Gramineae, in litter, 26.IX.1988. All leg. A. Tanasevitch.

Walckenaeria nudipalpis (Westring, 1851)

MATERIAL. 1 ♂, Khabarovsk Province, Verkhnebureinskiy District, 20th km of Chegdomyn to Urgal road, mosses and plant debris on swampy sides of wayside lake with *Carex* spp., Poaceae gen. sp., *Ledum palustre*, *Chamaedaphne calyculata*, *Vaccinium uliginosum*, *Spiraea* sp., *Sphagnum* spp., undergrowth of *Betula platyphylla* and *Larix gmelinii*, 6.X.2006, leg. A. Ryvkin; 1 ♀, Kamchatka, near Malki (53°19'N, 157°27'E), willow stands in floodplain, in litter, 28.IX.1988, leg. A. Tanasevitch.

Walckenaeria palmgreni Eskov et Marusik, 1994

MATERIAL. 2 ♂♂, 9 ♀♀, Kamchatka, Kronotskiy Nature Reserve, 2 km W of Geysers Valley (54°20'N, 159°17'E), mountain tundra, 1000 m a.s.l., *Pinus pumila* stands, in moss & lichen, 2 & 3.IX.1987, leg. A. Tanasevitch; 1 ♂, Khabarovsk Province, Verkhnebureinskiy District, 4th km of Chegdomyn to Urgal road, mosses and plant debris on swampy sides of wayside lake with tussocks of *Carex* spp. and Poaceae gen. sp., *Scirpus* sp., *Comarum palustre*, *Ledum palustre*, *Chamaedaphne calyculata*, *Vaccinium uliginosum*, *V. vitis-idaea*, *Betula middendorffii*, *Larix gmelinii*, *Sphagnum* spp., *Aulacomnium* sp., *Polytrichum* sp., 5.X.2006, leg. A. Ryvkin.

Walckenaeria picetorum (Palmgren, 1976)

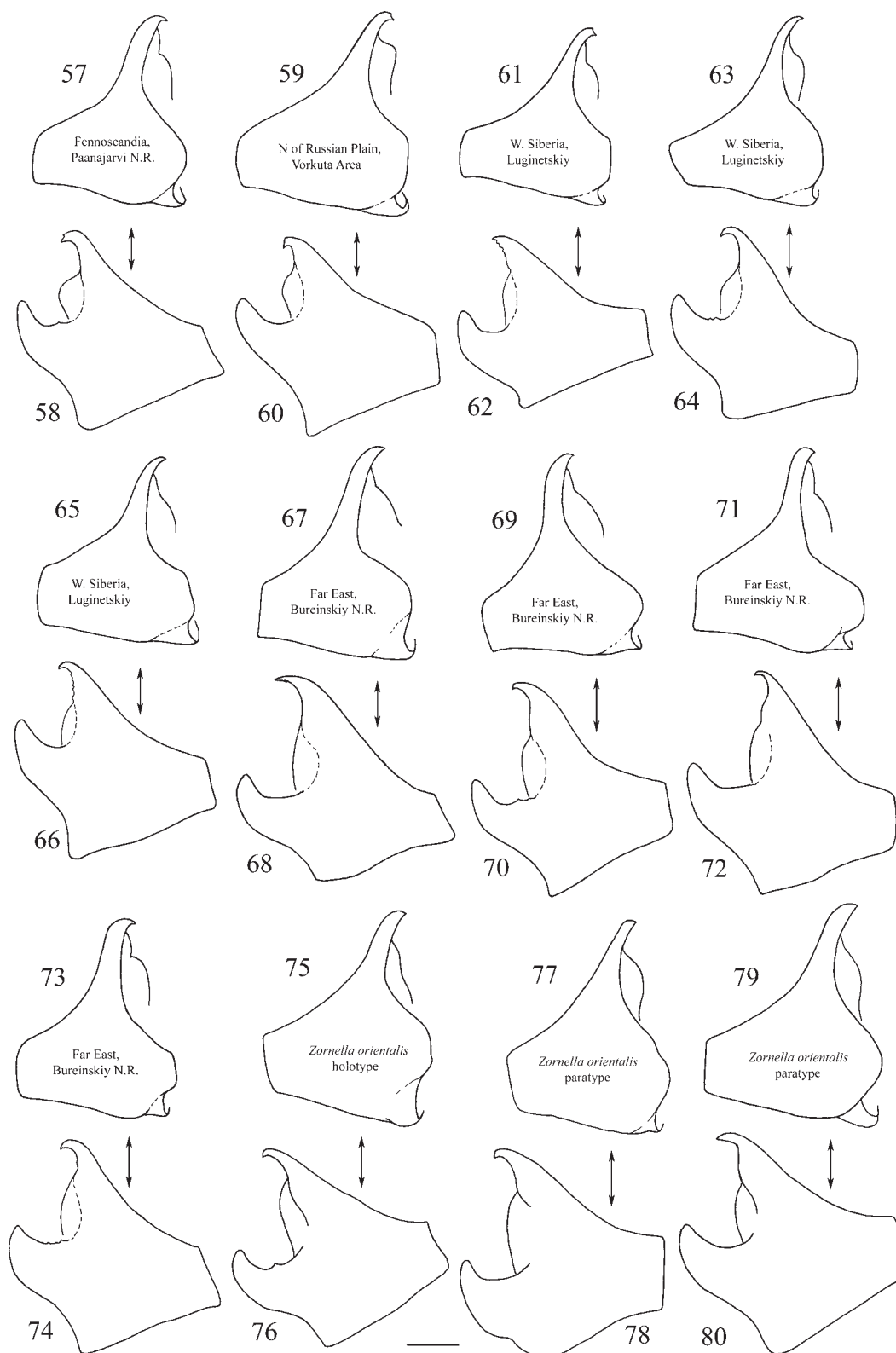
MATERIAL. 2 ♀♀, Irkutsk Area, Lake Baikal, Marituy Field Station (51°46'N, 104°11'E), *Betula-Alnus* forest, in moss, 8.VII.1988, leg. A. Tanasevitch; 1 ♀, Irkutsk Area, 200 km N of Lake Baikal, Zhigalovo District, pipeline Kovytko to Zhigalovo (54°43'N, 105°17'E), *Pinus sibirica* forest with *Betula*, 13.VIII.2006, leg. L. Rybalov; 1 ♀, S of Kamchatka, middle flow of Golygina River (51°52'N, 156°52'E), *Salix* stands, in litter & moss, 23.X.1988, leg. A. Tanasevitch.

Zornella cultrigera (L. Koch, 1879)
Figs 57–108.

2007 *Zornella orientalis* Marusik, Buckle et Koponen, Acta arachnol., 32 (1): 28, **syn.n.**

TYPE MATERIAL EXAMENED. 1 ♂ (ZMMU), holotype of *Zornella orientalis*, Russia, 29 km N of Magadan, Dukcha River Valley, near Snow Valley Village, 14.IX.1986, leg. Yu. Marusik. Paratypes of *Zornella orientalis*: 3 ♂♂, 6 ♀♀ (ZMMU), together with holotype.

COMPARATIVE MATERIAL EXAMENED. *Zornella cultrigera*: 1 ♀, Khabarovsk Province, Bureinskiy Nature Reserve, mouth of Lednikovyi Brook, subalpine *Picea* forest, 6–21.VII.2006, leg. L. Trilikauskas; 4 ♂♂, same, 10.VII.2000, leg. L. Trilikauskas; 1 ♀, same, 9–18.VII.2005, leg. L. Trilikauskas; 1 ♀, Cordon Strelka, 26.VII.2005, leg. L. Trilikauskas; 5 ♂♂, 8 ♀♀, 2000–2004, leg. L. Trilikauskas; leg. L. Trilikauskas; 1 ♀, upper reaches of Bureya



Figs 57–80. Variability of palpal tibia in *Zornella cultrigera* (L. Koch, 1879) (57–74) & “*Zornella orientalis* Marusik, Buckle et Koponen, 2007” (75–80). 57, 59, 61, 63, 65, 67, 69, 71, 73, 75, 77, 79 — retrolateral view, 58, 60, 62, 64, 66, 68, 70, 72, 74, 76, 78, 80 — prolateral view. Arrows show the same specimen. Abbreviations: N.R. — Nature Reserve.

Рис. 57–80. Изменчивость формы голени пальпы у *Zornella cultrigera* (L. Koch, 1879) (57–74) & “*Zornella orientalis* Marusik, Buckle et Коропен, 2007” (75–80). 57, 59, 61, 63, 65, 67, 69, 71, 73, 75, 77, 79 — ретролатерально, 58, 60, 62, 64, 66, 68, 70, 72, 74, 76, 78, 80 — пролатерально. Стрелки указывают на один и тот же экземпляр. Сокращения: N.R. — заповедник.



Figs 81–108. Variability of ventral plate of epigyne in *Zornella cultrigera* (L. Koch, 1879) (81–104) & “*Zornella orientalis* Marusik, Buckle et Koponen, 2007” (105–108), ventral view. Arrows show the same specimen.

Рис. 81–108. Изменчивость формы вентральной пластинки эпигины у *Zornella cultrigera* (L. Koch, 1879) (81–104) & “*Zornella orientalis* Marusik, Buckle et Koponen, 2007” (105–108), вид снизу. Стрелки указывают на один и тот же экземпляр.

River, Bureyka River, 29.VII–02.VIII.2005, leg. L. Trilikauskas; 3 ♂♂, 4 ♀♀, Altai Mts, Teletskoye Lake, Altaisky Nature Reserve, near Artybash Village, 13–24.VII.1997, leg. A. Tanasevitch & S. Golovatch; 5 ♂♂, 4 ♀♀, same, upper reaches of Chiri River, *Picea obovata* forest, litter, moss, 1350 m a.s.l., 18.VII.1997, leg. A. Tanasevitch & S. Golovatch; 20 ♂♂ & ♀♀, Tyumen' Area, near Luginetskiy Village, VIII.1998, leg. A. Tanasevitch; 12 ♂♂, 24 ♀♀, Tyumen' Area, Polar Urals, Sob' River Valley, coniferous forest, in moss, summer, 1982–1984, leg. A. Tanasevitch; 5 ♂♂, 14 ♀♀, Komi Republic, Vorkuta Area, summer, 1980–1982, leg. A.

Tanasevitch; 1 ♀, Karelia, Paanajarvi National Park, 26.VIII.2005, leg. L. Rybalov; 1 ♂, Murmansk Area, Laplandskiy Nature Reserve, 7.VIII.2005, leg. A. Tanasevitch.

NEW MATERIAL of *Zornella cultrigera*: 2 ♂♂, 8 ♀♀, Khakassia, Kuznetskiy Alatau Mts, 15 km NE of Balyksa (53°24'N, 89°07'E), right affluent of Terensug River, 1000–1400 m a.s.l., 19.V.1997, leg. R. Dudko; 1 ♀, Kuznetskiy Alatau Nature Reserve, ca 16 km SW of Belogorsk, Kiya River, Bezmyanka River delta (54°54'N, 88°17'E), taiga, 14–17.VII.1994, leg. S. Golovatch & A. Ryvkin.

TAXONOMIC REMARKS. *Zornella orientalis* Marusik, Buckle et Koponen, 2007 has just been described by Marusik et al. [2007] from the Magadan Area, Russian Far East. The authors noted that the new species is very close to *Z. cultrigera*, differing by a few minor structural details of the male palpal tibia and in epigyne shape. Abundant material of *Z. cultrigera* from various regions of Eurasia has been analyzed here to show no real differences existing in the Far Eastern populations, described as *Z. orientalis*, and those located more westerly (cf. Figs 57–108). The variability of the shape of the male palpal tibia and the epigyne in *Z. orientalis* fit well within the variation range of these characters observed in other populations of *Z. cultrigera* from the European part of Russia, in West, Middle and Eastern Siberia, as well as the Russian Far East. It is noteworthy that, from Europe towards the East, the size of the epigynal rostrum gradually and slightly grows, this being a little more clearly expressed in the East Siberian and Far Eastern populations of *Z. cultrigera* than in the western populations (Figs 81–108). This suggests clinal variation. Nonetheless, in all studied populations the structure of the embolic division is identical.

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