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New or little-known *Maro* O.P.-Cambridge from Siberia and the Russian Far East (Aranei: Linyphiidae: Micronetinae)

Новые и малоизвестные виды рода *Maro* O.P.-Cambridge из Сибири и Дальнего Востока (Aranei: Linyphiidae: Micronetinae)

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KEY WORDS: Spiders, taxonomy, Linyphiidae, Micronetinae, Siberia, Russian Far East, *Maro*, new species.

КЛЮЧЕВЫЕ СЛОВА: Пауки, систематика, Linyphiidae, Micronetinae, Сибирь, Дальний Восток, *Maro*, новые виды.

ABSTRACT. Four new species, i.e. *Maro bureensis* sp.n., *M. khabarum* sp.n., *M. pansibiricus* sp.n. and *M. ussuricus* sp.n., are described from Siberia and/or the Russian Far East. All records of *M. flavescens* (O.P.-Cambridge, 1873) in Asia, except for the original description, are shown to actually concern a new species, *M. pansibiricus* sp.n., while *M. flavescens* is depicted based on original and new material. A new synonym is established: *Maro flavescens* (O.P.-Cambridge, 1873) = *Oreonetides confusus* Wunderlich, 1995, syn.n. Some erroneous records of *Maro* are corrected and the distribution of some *Maro* species is mapped.

РЕЗЮМЕ. Из Сибири и Дальнего Востока описаны четыре новых вида рода *Maro*: *M. bureensis* sp.n., *M. khabarum* sp.n., *M. pansibiricus* sp.n. и *M. ussuricus* sp.n. Установлено, что все находки *M. flavescens* (O.P.-Cambridge, 1873) в Азии, за исключением оригинального описания, ошибочны и относятся к новому виду *M. pansibiricus* sp.n. Для *Maro flavescens* приведены подробные рисунки по типовому материалу и новым находкам. Установлен новый синоним: *Maro flavescens* (O.P.-Cambridge, 1873) = *Oreonetides confusus* Wunderlich, 1995, syn.n. Исправлены ошибочные определения некоторые видов рода *Maro*, дана карта распространения отдельных его представителей.

Introduction

The Siberian fauna of the spider genus *Maro* O. Pickard-Cambridge, 1906 has hitherto been known to comprise six species: *M. borealis* Eskov, 1991, *M. flavescens* (O. Pickard-Cambridge, 1873), *M. lautus* Saito, 1984, *M. minutus* O. Pickard-Cambridge, 1906, *M. saaristoi* Eskov, 1980 and *M. sibiricus* Eskov, 1980.

The first *Maro* from Siberia, *M. flavescens*, was described by O. Pickard-Cambridge [1873] from the southwesternmost point of Lake Baikal (Kultuk, as *Erigone f.*), and, as it now appears, this species has since never been properly identified. In other words, all previous records of *M. flavescens* in various parts of Asia were erroneous, actually concerning a new widespread species. Since the description of *M. flavescens*, two more new species have been added, both from the middle flow region of Yenisey River (Middle Siberia) [Eskov, 1980], soon followed by one more [Eskov, 1991]. At the same time, two older species have also been recorded there: *M minutus* from near Irkutsk, Siberia [Izmailova, 1989], and *M. lautus* from the Maritime Province, Far East [Eskov, 1991]. However, Izmailova's record proves to be erroneous (see below).

Maro species occur regularly, sometimes abundantly, in spider collections taken from different parts of Siberia and the Russian Far East. These spiders tend to be particularly characteristic of, and abundant in, woodlands. Even though rather common, these spiders still remain confused taxonomically. To prove this, the present paper not only provides descriptions of as many as four new species, but also corrects some errors in previous papers.

Material and Methods

This paper is based on the extensive collections of the Zoological Museum of the Moscow State University (Moscow), of Dr. Kirill Eskov and of the author. Some type material from the Hope Department of Entomology, University Museum, Oxford (UK) has been revised and used for comparative purposes.

In the descriptions, chaetotaxy is given in the following formula: 2.2.2.1, which refers to the number of dorsal spines on tibiae I–IV, respectively. The sequence of leg segments in measurement data is as follows: femur + patella + tibia + metatarsus + tarsus. All measurements are given hereinafter in mm. Scale line in figures = 0.1 mm, except if otherwise indicated.

Map 1. Distribution of the some *Maro*. ● — *M. pansibiricus* sp.n., ★ — *M. flavescens* O. P.-Cambr., ✚ — *M. bureensis* sp.n., ▲ — *M. khabarum* sp.n., ■ — *M. ussuricus* sp.n.

Карта 1. Распространение некоторых видов *Maro*. ● — *M. pansibiricus* sp.n., ★ — *M. flavescens* O. P.-Cambr., ✚ — *M. bureensis* sp.n., ▲ — *M. khabarum* sp.n., ■ — *M. ussuricus* sp.n.

Abbreviations

The following abbreviations are used in the text and figures:

CAT — personal collection of Andrei Tanasevitch (Moscow, Russia).

HNHM — Hungarian Natural History Museum (Budapest, Hungary).

ZMMU — Zoological Museum of the Moscow State University (Moscow, Russia).

PMP — posterior median plate.

TmI — position of the trichobothrium on tibia I.

Descriptions

Maro pansibiricus **sp.n.**

Figs 1–9.

1980 *Maro flavescens*. — Eskov, Zool. Zhurn., 59 (7): 1103, revised.

1988 *Maro flavescens*. — Eskov, Inst. Evol. Morphol. Ecol. Anim., Moscow: 120, revised.

1989 *Sintula flavescens*. — Izmailova, The fauna of spiders of the south of East Siberia, Irkutsk, izdatelstvo Irkutskogo un-ta: 81 (reference).

1991 *Maro flavescens*. — Eskov, Zool. Zh., 70 (4): 51, revised.

1992 *Maro flavescens*. — Eskov, Trudy Zool. Inst. Akad. nauk SSSR, Leningrad, 226: 55, revised.

1992 *Maro flavescens*. — Eskov, Arthropoda Selecta, 1 (2): 78, revised.

1992 *Maro flavescens*. — Marusik, Eskov & Kim, Korean Arachnol., 8 (1/2): 145, revised.

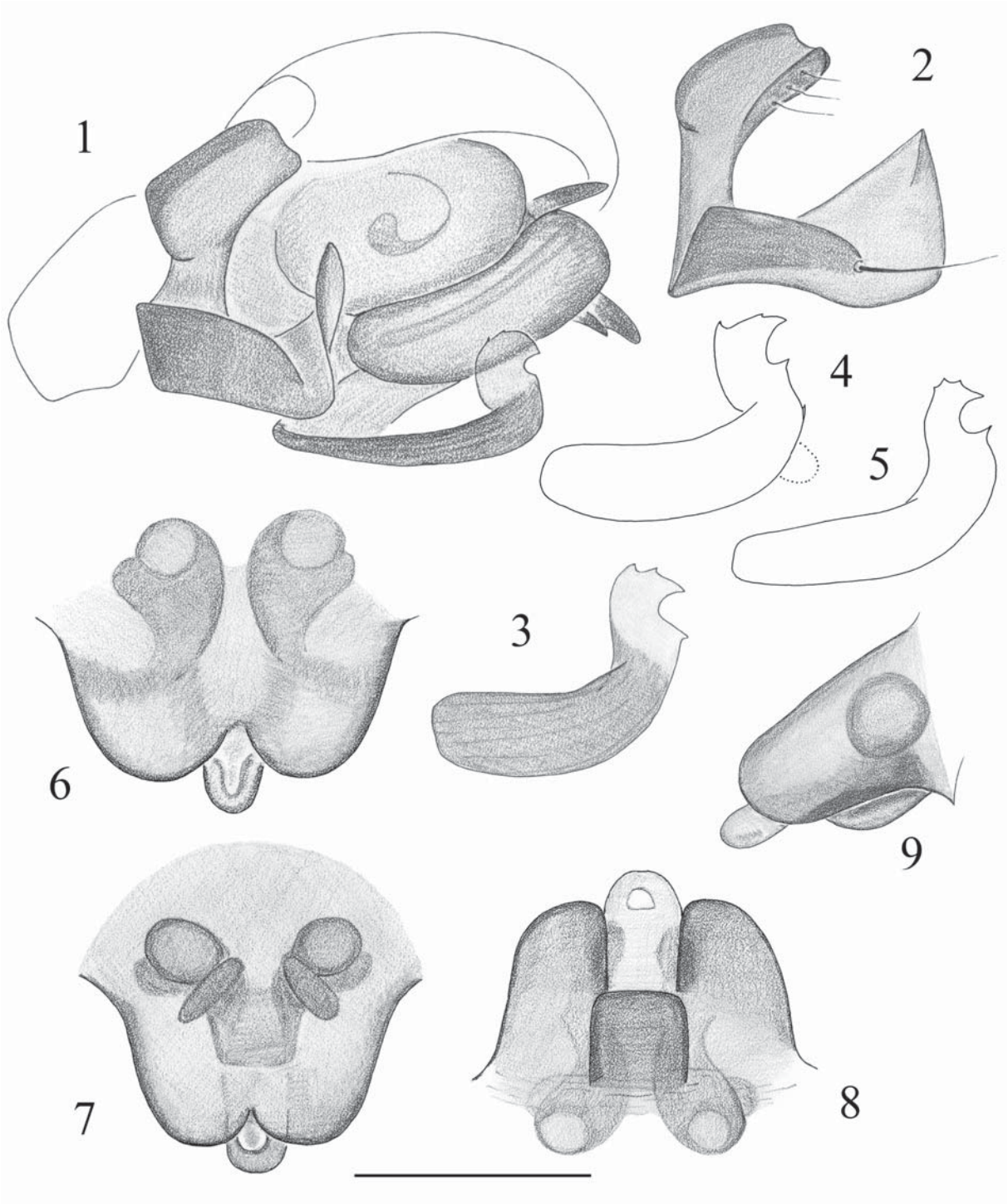
1993 *Maro flavescens*. — Marusik, Eskov, Logunov & Basarukin, Arthropoda Selecta, 1 (4): 77 (reference).

1993 *Maro flavescens*. — Marusik, Eskov, Koponen & Vinokurov, Arthropoda Selecta 2 (2): 74 (reference).

1994 *Maro flavescens*. — Eskov & Marusik, Arthropoda Selecta, 2 (4): 74, not seen.

1996 *Maro sublestus*. — Esyunin, Ekosistemy Srednego Priob'ya, 1: 71, not seen.

2000 *Maro flavescens*. — Marusik, Logunov & Koponen, Spiders of Tuva: 56 (reference).



Figs 1–9. *Maro pansibiricus* sp.n., paratypes: 1 — right palp, 2 — paracymbium, 3–5 — lamella characteristica, 6–9 — epigyne (6, 7 — ventral view, 8 — dorsal view, 9 — lateral view).

Рис. 1–9. *Maro pansibiricus* sp.n., паратипы: 1 — правая пальпа, 2 — парацимбиум, 3–5 — lamella characteristica, 6–9 — эпигина (6, 7 — вид снизу, 8 — вид сверху, 9 — вид сбоку).

2001 *Maro flavescens*. — Marusik, Koponen & Danilov, Bull. Br. arachnol. Soc. 12 (2): 91, revised.

2004 *Maro flavescens*. — Tanasevitch & Trilikauskas, Arthropoda Selecta, 13 (1–2): 83, in part.

2004 *Maro* sp. — Tanasevitch & Trilikauskas, Arthropoda Selecta, 13 (1–2): 83, in part.

2005 *Maro* sp. — Tanasevitch, Arthropoda Selecta, 14 (1): 60.

MATERIAL. Holotype ♂, Yenisey River, middle flow region, Mirnoye Field Station (89°E, 62°46'N), 28.VI.1978, leg. K. Eskov. Paratypes: 9 ♂♂, 8 ♀♀ (ZMMU), Mirnoye Field Station, 28.VI.1978, leg. K. Eskov; 3 ♂♂, 3 ♀♀ (ZMMU), Mirnoye Field

Station, taiga, *Ledum*, in moss, 1978, leg. K. Eskov; 1 ♂, 5 ♀♀ (ZMMU), Yenisey River, Malaya Sigovaya River, mouth (right confluent of Elogui River), *Pinus* forest, *Cladina* tussock, 11.VII.1978, A. Voitsik; 1 ♂ (CAT), Ekaterinburg Area, 40 km W of Ekaterinburg, near Revda, "Sibirskie Uvaly" Nature Reserve, 2002, leg. M. Zolotarev; 5 ♂♂, 7 ♀♀, (ZMMU), Tomsk Area, ca 60 km NW of Pudino, near Luginetsky (78°52'E, 58°10'N), 26.VIII.1998, leg. A. Tanasevitch; 1 ♀ (ZMMU), Krasnoyarsk Province, "Stolby" Nature Reserve, Synzhul Cordon, 13.VIII.1994, leg. A. Ryvkin; 9 ♂♂, 9 ♀♀ (ZMMU), Irkutsk Area, Lake Baikal, near Bolshiye Koty, deciduous forest with *Betula* & *Populus*, litter, 21.VI.1988, leg. A. Tanasevitch; 1 ♂ (ZMMU), near Bolshiye Koty, mossy rocky debris, 18.VI.1988, leg. A. Tanasevitch; 1 ♂, 2 ♀♀ (ZMMU), near Bolshiye Koty, *Pinus sibirica* forest, in moss, 8.VII.1988, leg. A. Tanasevitch; 1 ♂ (CAT), Amur Area, Selemdzhinskiy Distr., Norskiy Nature Reserve (buffer zone), Burunda River basin, 2 km SE of Burunda Cordon, forest with *Betula platyphylla*, sparse *Poaceae*, *Carex* sp., *Rhododendron* sp., etc., mosses and leaf litter on slope, 26.09.2004, leg A. Ryvkin; 1 ♂ (CAT), near border of buffer zone of Norskiy Reserve, Burunda River basin, 4 km NW of Burunda Cordon, mosses, plant debris and sweeping on large burnt swamp with *Vaccinium uliginosum*, *Ledum palustre*, *Eriophorum* sp., *Betula ovalifolia*, *B. ?fruticosa*, *Chamaedaphne calyculata*, *Sphagnum* spp., *Polytrichum* spp., etc., 11.09.2004, leg. A. Ryvkin; 1 ♂, 2 ♀♀ (CAT), Norskiy Nature Reserve, Nora River near Maltsevskiy Cordon, mosses and leaf litter under *Salix* spp., *Alnus* sp., *Padus* sp., *Schisandra chinensis* with *Carex* spp., *Equisetum* sp., Poaceae, *Polygonatum* sp., etc. on a narrow, partly submerged, spit between river and lake, 03.IX.2004, leg. A. Ryvkin; 1 ♂ (ZMMU), Khabarovsk Province, Verkhnebureinsky Distr., Bureisky Nature Reserve, Bureya River Valley, ca 210 km NE of Chegdomyn, 3.5 km downstream of confluence of Pravaya & Levaya Bureya rivers, near Strelka Cordon, *Larix* forest, in moss, 23.V.2003, leg. A. Tanasevitch; 2 ♂♂, 3 ♀♀ (ZMMU), near Strelka Cordon, mixed coniferous forest, 1.VI.2003, leg. A. Tanasevitch; 1 ♂ (ZMMU), near Strelka Cordon, spruce forest, 1.VI.2003, leg. A. Tanasevitch; 3 ♀♀ (ZMMU), near Strelka Cordon, *Betula* forest, in litter, 1.VI.2003, leg. A. Tanasevitch; 2 ♂♂ (ZMMU), Khabarovsk Province, near Khabarovsk, Bolshekhekhtsyrsky Nature Reserve, Sosninsky Cordon, 25–29.V.2004, leg. A. Tanasevitch; 2 ♂♂ , 7 ♀♀ (ZMMU), Bolshekhekhtsyrsky Nature Reserve, Odyr Cordon, mixed deciduous forest, 5–9.VI.04, leg. A. Tanasevitch; 2 ♂♂, 8 ♀♀ (ZMMU), Bolshekhekhtsyrsky Nature Reserve, near Reserve's office, *Populus* forest with *Betula*, 29–30.V.2004, leg. A. Tanasevitch; 4 ♀♀ (ZMMU), Maritime Province, Chyuguevka Distr., 30 km E of Bulyga-Fadeevo, Verkne-Ussuriisky Field Station, deciduous forest with *Pinus sibirica*, 20.VII.1992, leg. A. Tanasevitch.

DESCRIPTION. Male. Total length, 1.40. Carapace 0.73 long, 0.50 wide, yellow to pale brown. Chelicerae 0.25 long. Legs yellow. Leg I 1.94 long (0.53+0.18+0.50+0.38+0.35), IV — 2.01 long (0.55+0.18+0.55+0.40+0.33). Chaetotaxy 2.2.2.1. TmI — 0.43. Metatarsi IV without trichobothrium. Palp (Figs 1–5): Paracymbium L-shaped with a high ridge in middle part, lamella characteristica like a narrow stripe S-shaped distally. Distal part of lamella characteristica variable (Figs 3–5). Abdomen 0.78 long, 0.45 wide, pale grey.

Female. Total length, 1.60. Carapace 0.65 long, 0.45 wide. Chelicerae 0.30 long. Leg I 1.57 long (0.45+0.18+0.38+0.28+0.28), IV — 1.79 long (0.55+0.18+0.45+0.33+0.28). TmI — 0.38. Abdomen 0.90 long, 0.63 wide. Epigyne (Figs 6–9) slightly protruded, with a shallow notch apically, aperture covered with a stretcher, PMP rectangular, almost square in shape. Body and leg coloration, as well as chaetotaxy as in male.

TAXONOMIC REMARKS. This species is close to *M. flavescens* (O. Pickard-Cambridge, 1873), but is easily distinguished by the shape of the lamella characteristica in the male, and by the rectangular, almost square PMP in the female.

REMARKS. *M. pansibiricus* sp.n. has been confused with *M. flavescens* by all authors who recorded the latter species in Asia, of course except for the original description.

DISTRIBUTION. Throughout Siberia, except its north-eastern part, and the Russian Far East (see Map).

Maro bureensis **sp.n.**

Figs 10–15.

MATERIAL. Holotype ♂ (ZMMU), Russia, Khabarovsk Province, Verkhnebureinsky Distr., Bureinsky Nature Reserve, Strelka Cordon (near confluence of Pravaya & Levaya Bureya rivers), 134°14'E, 51°38'N, spruce forest, litter, 22.V.–4VI.2003, leg. A. Tanasevitch. Paratypes: 12 ♂♂, 10 ♀♀ (ZMMU), together with holotype, leg. A. Tanasevitch; 2 ♂♂, 4 ♀♀ (ZMMU), Bureinsky Nature Reserve, Strelka Cordon, *Populus* forest, 6.IX.2003, leg. L. Trilikauskas; 2 ♂♂ (ZMMU), Bureinsky Nature Reserve, upper reaches of Pravaya Bureya River, near mouth of Lednikovyi River, spruce forest on island, 11–17.VI.2000, leg. L. Trilikauskas.

DESCRIPTION. Male. Total length, 1.63. Carapace 0.75 long, 0.60 wide, pale brown. Chelicerae 0.30 long. Legs yellow to pale brown. Leg I 2.06 long (0.58+0.20+0.53+0.40+0.35), IV — 2.19 long (0.60+0.20+ 0.58+0.48+0.33). Chaetotaxy 2.2.2.1. TmI — 0.55. Metatarsi IV without trichobothrium. Palp (Figs 10–12): Paracymbium with a ridge in middle part, lamella characteristica long and narrow, apically with a claw-shaped and well-sclerotized process. Abdomen 0.85 long, 0.55 wide, pale grey.

Female. Total length, 1.73. Carapace 0.75 long, 0.50 wide. Chelicerae 0.38 long. Leg I 1.99 long (0.53+0.23+0.48+0.40+0.35), IV — 2.17 long (0.63+0.20+0.58+0.43+0.33). TmI — 0.36. Abdomen 1.05 long, 0.65 wide. Epigyne (Figs 13–15) well protruded, without apical notch, aperture covered with a wide stretcher, PMP triangular in shape. Body and leg coloration, as well as chaetotaxy as in male.

TAXONOMIC REMARKS. The new species seems to be close to *M. khabarum* sp.n., but is distinguished by the shape of the distal part of the lamella characteristica (multidentate in *M. khabarum* sp.n.), in the absence of an apical notch in the epigyne, as well as by the triangular PMP.

DISTRIBUTION. Known only from the Bureinsky Nature Reserve, Khabarovsk Prov. (see Map 1).

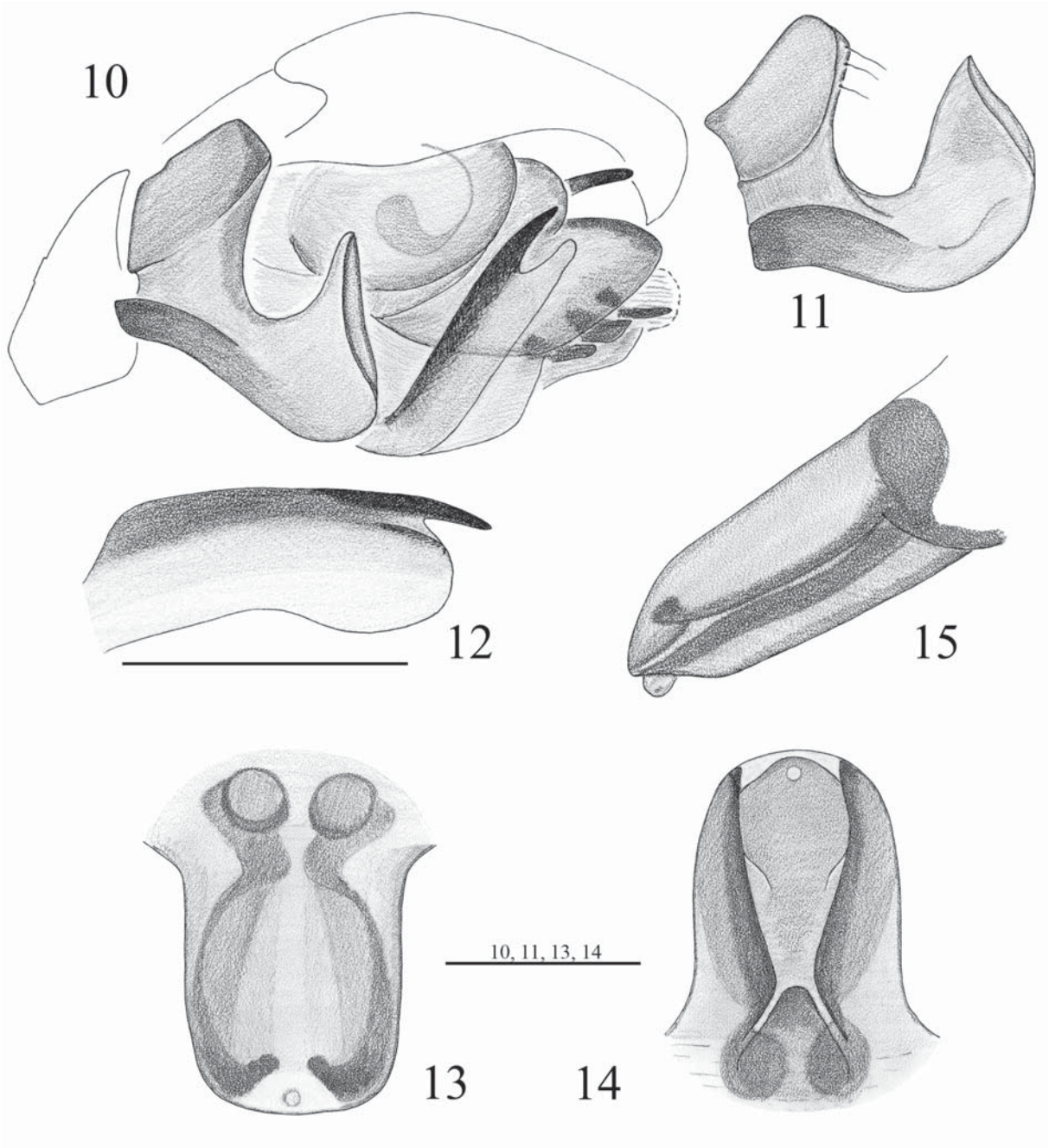
Maro khabarum **sp.n.**

Figs 16–22.

2004 *Maro flavescens*. — Tanasevitch & Trilikauskas, Arthropoda Selecta, 13 (1–2): 83, in part.

2004 *Maro* sp. — Tanasevitch & Trilikauskas, Arthropoda Selecta, 13 (1–2): 83, in part.

MATERIAL. Holotype ♂ (ZMMU), Russia, Khabarovsk Province, Bureinsky Nature Reserve, Strelka Cordon (near confluence of Pravaya & Levaya Bureya rivers), 134°14'E, 51°38'N, spruce forest, litter, 22.V.–4VI.2003, leg. A. Tanasevitch. Paratypes: 13 ♂♂, 24 ♀♀ (ZMMU), Bureinsky Nature Reserve, Strelka Cordon, spruce forest, litter, 22.V.–4VI.2003, leg. A. Tanasevitch; 2 ♂♂, 11 ♀♀ (ZMMU), Bureinsky Nature Reserve, Strelka Cordon, *Populus* forest, in moss and litter, 22.V.–4VI.2003, leg. A. Tanasevitch; 5 ♂♂, 4 ♀♀ (ZMMU), Bureinsky Nature Reserve, Strelka Cordon, *Betula* forest, in litter, 1.VI.2003, leg. A. Tanasevitch; 4♂♂, 3 ♀♀, (CAT), Amur Area, Selemdzhinskiy Distr., Norskiy Nature Reserve, Nora River, Gryashchinskaya Mt., mosses and leaf litter on a steep rocky slope with *Betula platyphylla*, *Alnus* sp., *Sorbus sibirica*, *Viburnum* sp., undergrowth of *Acer ukurunduense*, *Pleurozium schreberi*, *Hylocomium splendens*, *Dicranum* sp., *Ptilium crista-castrensis*, *Sphagnum ?girgensohnii*, *Dryopteris fragrans*, etc., 25.VIII.2004, leg. A. Ryvkin.



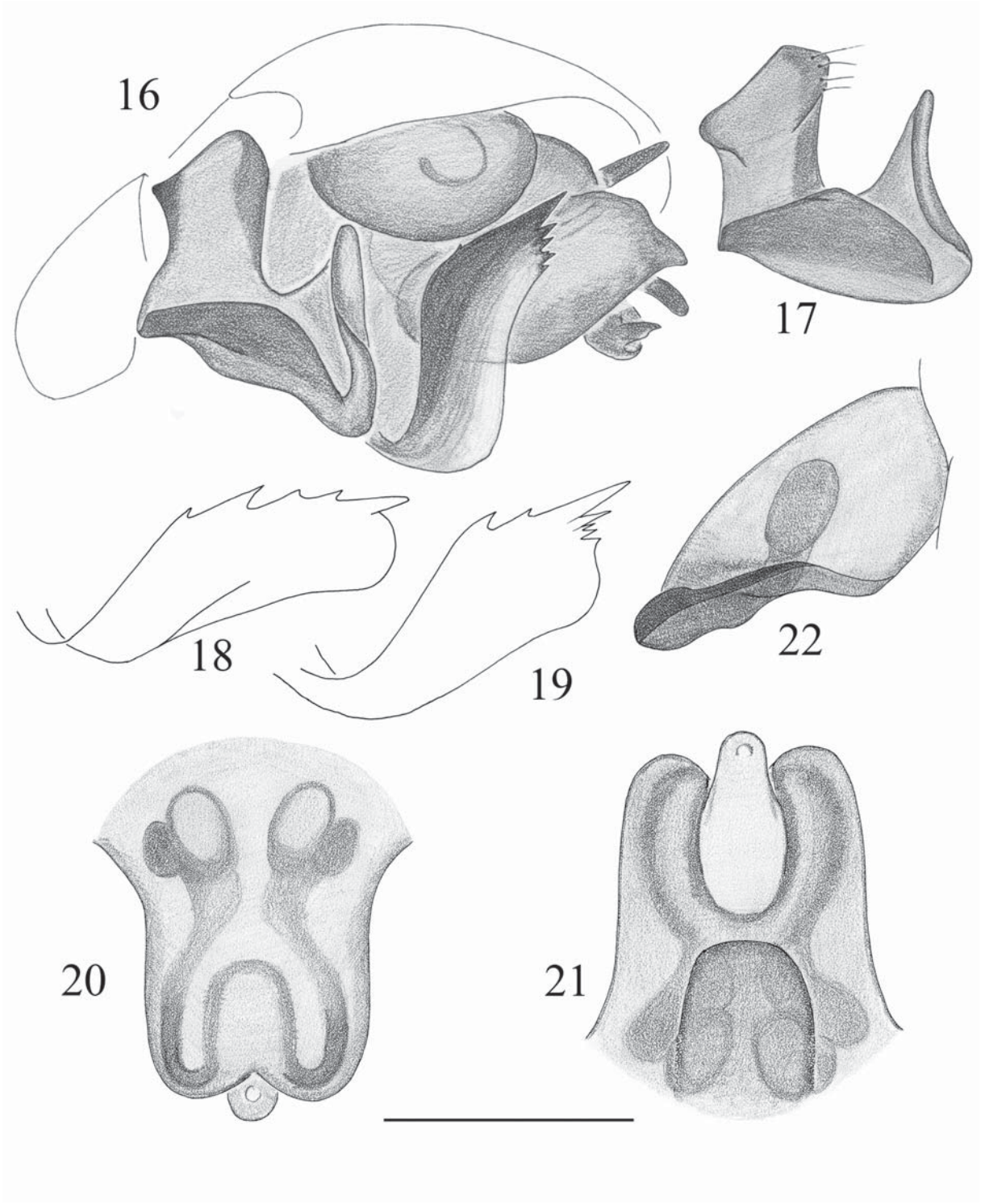
Figs 10–15. *Maro bureensis* sp.n., paratypes: 10 — right palp, 11 — paracymbium, 12 — lamella characteristica, 13–15 — epigyne (13 — ventral view, 14 — dorsal view, 15 — lateral view).

Рис. 10–15. *Maro bureensis* sp.n., паратипы: 10 — правая пальпа, 11 — парацимбиум, 12 — lamella characteristica, 13–15 — эпигина (13 — вид снизу, 14 — вид сверху, 15 — вид сбоку).

DESCRIPTION. Male. Total length, 1.50. Carapace 0.63 long, 0.53 wide, pale brown. Chelicerae 0.63 long. Legs yellow to pale brown. Leg I 1.79 long (0.53+ 0.18+0.45+ 0.35+0.28), IV — 1.93 long (0.55+0.20+ 0.50+0.38+0.30). Chaetotaxy 2.2.2.1. TmI — 0.32. Metatarsi IV without trichobothrium. Palp (Figs 16–19): Paracymbium with a triangular ridge in middle part, lamella characteristica variable in shape (Figs 18 & 19). Abdomen 0.83 long, 0.55 wide, grey.

Female. Total length, 1.53. Carapace 0.63 long, 0.50 wide. Chelicerae 0.28 long. Leg I 1.65 long (0.48+0.18+ 0.38+0.33+0.28), IV — 1.81 long (0.50+0.15+0.50+0.38+ 0.28). TmI — 0.36. Abdomen 0.83 long, 0.55 wide. Epigyne (Figs 20–22) well protruded, with an apical notch, aperture covered with a stretcher, PMP large, rectangular in shape, with rounded corners. Body and leg coloration, as well as chaetotaxy as in male.

TAXONOMIC REMARKS. The new species seems to be close to *M. bureensis* sp.n. (see above).



Figs 16–22. *Maro khabarum* sp.n., paratypes: 16 — right palp, 17 — paracymbium, 18, 19 — lamella characteristica, 20–22 — epigyne (20 — ventral view, 21 — dorsal view, 22 — lateral view).

Рис. 16–22. *Maro khabarum* sp.n., паратипы: 16 — правая пальпа, 17 — парацимбиум, 18, 19 — lamella characteristica (different specimens), 20–22 — эпигина (20 — вид снизу, 21 — вид сверху, 22 — вид сбоку).

DISTRIBUTION. This species is only known from the Bureinsky (Khabarovsk Area) and Norskiy (Amur Area) nature reserves (see Map).

Maro ussuricus **sp.n.**
Figs 23–29.

2004 *Maro* sp. — Tanasevitch & Trilikauskas, Arthropoda Selecta, 13 (1–2): 83, in part.

MATERIAL. Holotype ♂ (ZMMU), Russia, Khabarovsk Province, Bolshekhekhtsyrsky Nature Reserve, Odyr Cordon, 134°47'E, 48°12'N, mixed broadleaved forest, litter, 5–9.VI.2004, leg. A. Tanasevitch. Paratypes: 2 ♂♂, (ZMMU), together with holotype, leg. A. Tanasevitch; 10 ♀♀ (ZMMU), Bolshekhekhtsyrsky Nature Reserve, Sosninsky Cordon, 134°43'E, 48°14'N, mixed forest, litter, 25–29.V.2004, leg. A. Tanasevitch.

DESCRIPTION. Male. Total length, 1.28. Carapace 0.58 long, 0.50 wide, brownish-grey. Chelicerae 0.23 long. Legs pale brownish-grey. Leg I 1.36 long (0.38+0.15+0.33+0.25+0.25), IV — 1.46 long (0.40+0.15+0.38+0.30+0.23). Chaetotaxy 2.2.2.1. TmI — 0.35. Metatarsi IV without trichobothrium. Palp (Figs 23–26): Paracymbium with a rounded ridge in middle part, lamella characteristica relatively short, widened distally, with several teeth apically. Abdomen 0.65 long, 0.43 wide, grey.

Female. Total length, 1.55. Carapace 0.28 long, 0.50 wide. Chelicerae 0.28 long. Leg I 1.71 long (0.48+0.20+0.40+0.33+0.30), IV — 1.87 long (0.53+0.18+0.50+0.38+0.28). TmI — 0.52. Abdomen 0.90 long, 0.58 wide. Epigyne (Figs 27–29) not protruded, with a rounded apical notch, aperture closed, PMP small, rectangular, almost square in shape. Body and leg coloration, as well chaetotaxy as in male.

TAXONOMIC REMARKS. This rather dark-coloured species is easily distinguishable by the large teeth in the distal part of the lamella characteristica, as well as the non-protruding epigyne.

DISTRIBUTION. Only known from the Bolshekhekhtsyrsky Nature Reserve, Khabarovsk Province (see Map 1).

Maro flavescens (O. Pickard-Cambridge, 1873)
Figs 30–42.

1873 *Erigone flavescens* O. Pickard-Cambridge. — O. Pickard-Cambridge, Proc. Zool. Soc. London, 1873: 440 (examined).

1966 *Pseudomaro flavescens*. — Denis, Bull. Inst. r. Sci. nat. Belg., 42 (9): 6 (based on type material).

1971 *Maro flavescens*. — Saaristo, Ann. Zool. Fennici, 8: 474 (based on the material).

1995 *Oreonetides confusus* Wunderlich. — Wunderlich, Beiträge zur Araneologie, 4: 490, **syn.n.** (not seen: the type seems to be lost).

All misidentifications see under *Maro pansibiricus* sp.n.

MATERIAL EXAMINED. *Erigone* [labeled as *Neriene*] *flavescens* O. Pickard-Cambridge, 1873, ♂ hololectotype, ♀ allolectotype, 2 ♂♂, 5 ♀♀ paralectotypes (Lake Baikal, Kultuk, Russia), designated by Michael Saaristo on 20.VI.1967, deposed in Hope Entomological Collection, University Museum, Oxford, UK.

NEW LOCALITY. 1 ♂, 5 ♀♀ (ZMMU), Russia, Khabarovsk Province, near Khabarovsk, Bolshekhekhtsyrsky Nature Reserve (134°47'E, 48°12'N), Odyr Cordon, bank of Odyr River, litter, 6.VI.2004, leg. A. Tanasevitch; 4 ♂♂, 3 ♀♀ (ZMMU), Bolshekhekhtsyrsky Nature Reserve, Sosninsky Cordon, 26.V.2004, leg. A. Tanasevitch; 1 ♀ (ZMMU), Bolshekhekhtsyrsky Nature Reserve, Chirki Cordon, *Ulmus* & *Fraxinus* forest, 3.VI.2004, leg. A. Tanasevitch.

DESCRIPTIPON. Well described by Saaristo [1971: 474–475].

VARIABILITY. The lamella characteristica shows variability in shape (Figs 37–42), sometimes this concerns the left and right palps of the same specimen (Figs 37 & 38). The most typical shape of the distal part of the lamella characteristica is as in Fig. 37.

TAXONOMIC REMARKS. The epigyne of *M. flavescens* resembles closely that in *M. pansibiricus*, but a little longer and differs by the backward narrowing PMP, whereas in *M. pansibiricus* the PMP is rectangular, almost square. Males of these two species can easily be distinguished by shape of the lamella characteristica.

Oreonetides confusus Wunderlich, 1995 was described from Mongolia [Wunderlich, 1995] from a single male taken not so far away from the type locality of *Maro flavescens*. Unfortunately, the type of *Oreonetides confusus* has not been relocated in the collection of the Hungarian Natural History Museum, Budapest, Hungary (Tamás Szûts, pers. comm.). However, as the illustrations are sufficiently clear [Wunderlich, 1995: 517, figs 42–46], there can be no doubt whatever that they depict *Maro flavescens*. So *Oreonetides confusus* Wunderlich, 1995 is to be considered as a junior synonym of *Maro flavescens*, **syn.n.**

DISTRIBUTION. According to the latest evidence, *M. flavescens* has securely been found only at Kultuk (the southwesternmost point of Lake Baikal, Irkutsk Area), in Bulgan Aimak (northern Mongolia) and the Bolshekhekhtsyrsky Nature Reserve (the southern part of Khabarovsk Province, Russia) (Map).

NOTES.

(1) Revision of the ZMMU collection of *Maro* shows that the specimen determined as *Maro sublestus* Falconer, 1915 (1 ♀, label: Moscow Province, Zvenigirod Distr., near Zvenigorod Biological Field Station, *Betula* forest, litter, 27.IX.1981, leg. K. Mikhailov, det. K. Eskov) actually belongs to *Centromerus persimilis* (O. Pickard-Cambridge, 1912). This wrong determination have been twice published by Mikhailov [1983, 1983a]. Thus, as *Maro sublestus* has never been found securely in Russia, this species must be excluded from the Russian list.

(2) The species *Maro minutus* O. Pickard-Cambridge, 1906 has once been recorded in Siberia (Irkutsk Area, near Irkutsk City) by Izmailova [1989]. According to the figure and description given by her (body size of a female, 4.5 mm!), she must have dealt not with *Maro minutus*, but with *Allomengea dentisetis* (Grube, 1861). So *M. minutus* must be ejected from the Siberian list, its distribution apparently being limited to the Urals in the east.

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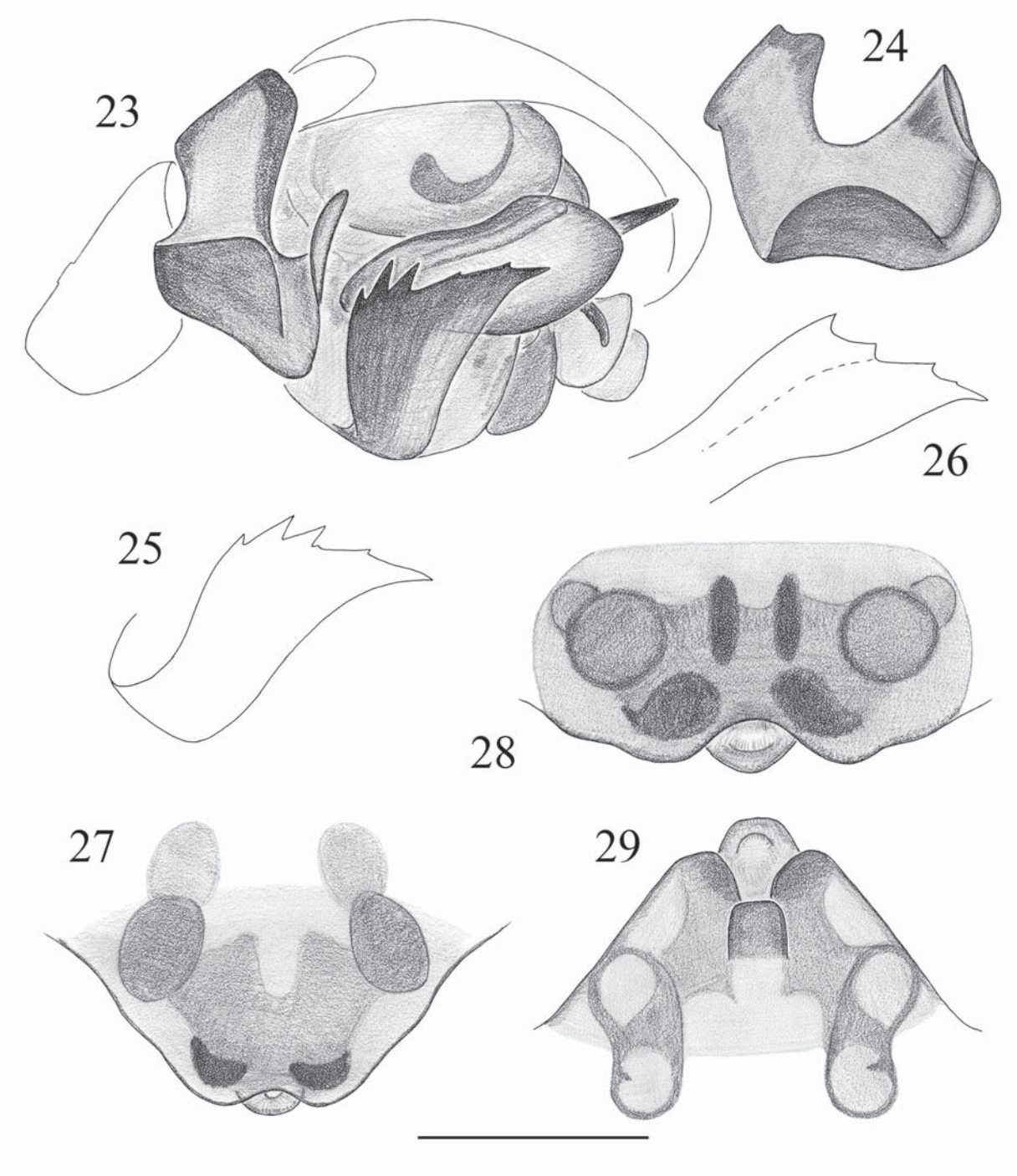
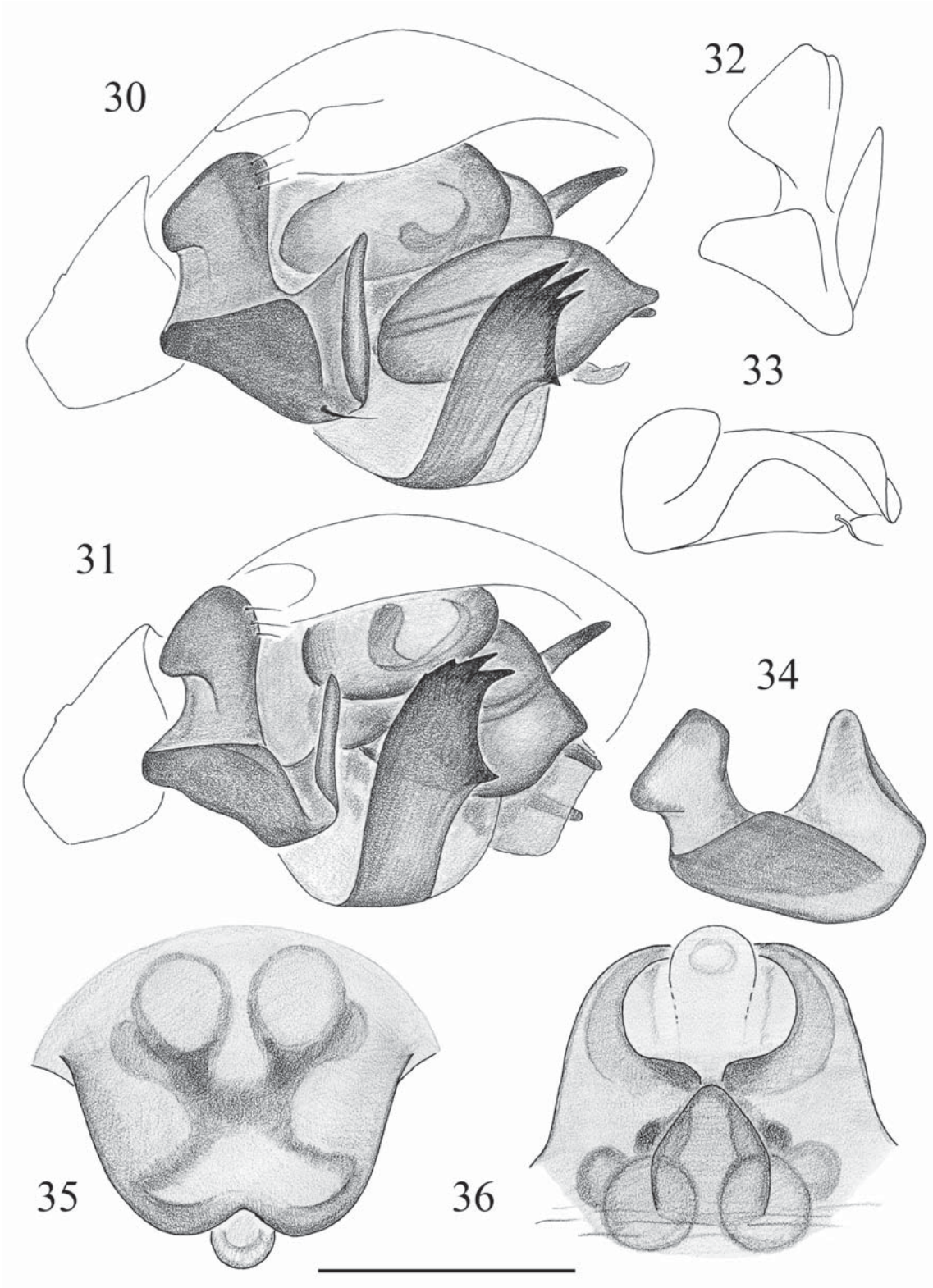


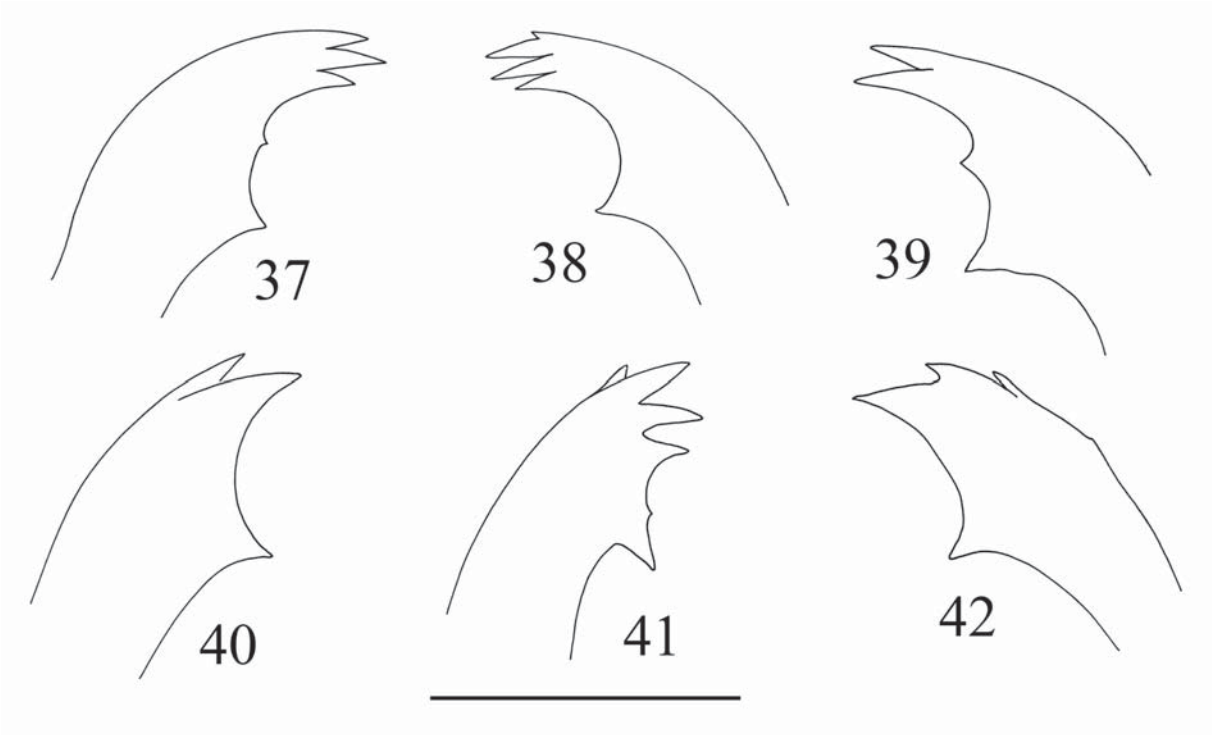
Figs 23–29. *Maro ussuricus* sp.n. (23–25, holotype): 23 — right palp, 24 — paracymbium, 25, 26 — lamella characteristica (different specimens), 27–29 — epigyne (27 — anteroventral view, 28 — ventral view, 29 — dorsal view).

Рис. 23–29. *Maro ussuricus* sp.n. (23–25, голотип): 23 — правая пальпа, 24 — парацимбиум, 25, 26 — lamella characteristica (разные экземпляры), 27–29 — эпигина (27 — вид снизу и спереди, 28 — вид снизу, 29 — вид сверху).



Figs 30–36. *Maro flavescens* (O. P.-Cambr., 1873), specimens from Khabarovsk Prov.: 30, 31 — right palp (different specimens), 32–34 — paracymbium (32 — anterior-lateral view, 33 — dorsal view, 34 — lateral view, 35, 36 — epigyne (35 —ventral view, 36 — dorsal view).

Рис. 30–36. *Maro flavescens* (O. P.-Cambr., 1873), экземпляры из Хабаровского края: 30, 31 — правая пальпа (различные экземпляры), 32–34 — парацимбиум (32 — вид спереди и с сбоку, 33 — вид сверху, 34 — вид сбоку), 35, 36 — эпигина (35 — вид снизу, 36 — вид сверху).



Figs 37–42. Variability of the lamella characteristica in *Maro flavescens* (O. P.-Cambr., 1873), specimens from Khabarovsk Prov.: 37, 38 — same specimen, right & left palp, respectively, 39–42 — different specimens (39 & 42 — left palp, 40 & 41 — right palp).

Рис. 37–42. Различные формы lamella characteristica у *Maro flavescens* (O. P.-Cambr., 1873), экземпляры из Хабаровского края: 37, 38 — один и тот же экземпляр, соответственно правая и левая пальпа, 39–42 — различные экземпляры (39 & 42 — левая пальпа, 40 & 41 — правая пальпа).

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