

## Linyphiid spiders of the Norsky Nature Reserve, Amurskaya Area, Russian Far East (Arachnida: Aranei)

### Пауки-линифииды Норского заповедника (Амурская область, Дальний Восток России) (Arachnida: Aranei)

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КЛЮЧЕВЫЕ СЛОВА: Пауки, Linyphiidae, Дальний Восток, фаунистика, распространение.

ABSTRACT. A checklist of 109 species of the spider family Linyphiidae collected in the Norsky Nature Reserve, Amurskaya Area is compiled. One species, *Hypselistes australis* Saito et Ono, 2001, is reported as new to the Russian fauna. Faunistic data and the distribution pattern of each of the species are documented.

РЕЗЮМЕ. Приведен аннотированный список 109 видов пауков семейства Linyphiidae Норского заповедника (Амурская область). Даны точки находок видов и их распространение. Один вид, *Hypselistes australis* Saito et Ono, 2001, впервые отмечен на территории России.

#### Introduction

The Norsky State Nature Reserve lies in the north-eastern part of the Amur-Zeya plain between Nora and Selemdzha rivers, Amurskaya Area (= Amur Province), Russia, with the centre of the reserve at about 52°40' N, 130°20' E (see Map). The spider fauna of the reserve has hitherto remained absolutely unknown. Only a few linyphiids have been documented from the Zeisky Nature Reserve, Amurskaya Area, situated ca 260 km NW of the Norsky Nature Reserve, while the linyphiid fauna of the Bureinsky Nature Reserve, Khabarovsk (=Khabarovsk) Province (ca 330 km E) is known quite well [Tanasevitch & Trilikauskas, 2004; Trilikauskas & Tanasevitch, 2006].

The territory of the reserve is regularly subjected to fires. Therefore the vegetation cover represents a mosaic with the following main elements:

— Light coniferous grassy forests with *Larix*, *Betula*, *Rhododendron* and *Alnus*;

— Dark coniferous grassy-mossy forests with *Picea*, *Abies*, *Populus*;

— *Larix* sparse woodland with *Sphagnum*;

— Wet grassy-*Carex* and dwarf-bush-grassy hummocky open terrain;

— Nemoral grassy forests with *Betula daurica*.

The reserve occupies a highly interesting geographical position, lying at the border between the East Palearctic and East Chinese regions. So the knowledge of its fauna seems to be important from a zoogeographical viewpoint.

This study is based on the extensive collections made by Alexander B. Ryvkin and Elena M. Veselova (Moscow, Russia) in the Norsky Nature Reserve in 2004 and 2005. These collections are provided with most detailed descriptions of the floristic background, thus being highly valuable for ecological purposes as well.

The material is stored in the Zoological Museum of the Moscow State University, Moscow.

ABBREVIATIONS. The following abbreviations have been used in the text: A.R. — A. Ryvkin; E.V. — E. Veselova, N.N.R. — Norsky Nature Reserve, Prov. — province, ZMMU — Zoological Museum of the Moscow State University.

#### List of linyphiid spiders

*Abiskoa abiskoensis* (Holm, 1945)

MATERIAL. 1 ♂, N.N.R., Nora River, Mt. Gryashchinskaya, mosses and leaf litter on steep rocky slope with *Betula platyphylla*, *Alnus* sp., *Sorbus sibirica*, *Swida alba*, undergrowth of *Acer ukurunduense*, *Pleurozium schreberi*, *Hylocomium splendens*, *Dicranum* sp., *Ptilium crista-castrensis*, *Sphagnum girgensohnii*, *Dryopteris fragrans*, etc., 25.VIII.2004, leg. A.R.



Map. Locations of the Norsky, Zeisky and Bureinsky Nature Reserves.

Карта. Месторасположение Норского, Зейского и Бурейского заповедников.

**DISTRIBUTION.** From Fennoscandia via the tundra and northern taiga to the Urals; in Siberia known from the Urals to East Siberia, Cisokhotia, Kamchatka and Sakhalin; through the mountains of South Siberia via the Lake Baikal region eastward to Khabarovsk Prov. Recorded also from China.

*Agyneta mollis* (O. Pickard-Cambridge, 1871)

**MATERIAL.** 5 ♂♂, N.N.R., Nora River basin near Maltsevskiy cordon, mosses and plant debris on swampy flood-plain lakeside: *Carex* spp., *Calamagrostis* sp., *Filipendula palmata*, *Geranium* sp., *Comarum palustre*, *Spiraea* sp., *Salix* sp., *Sphagnum ?girgensobnii*, *Sph. squarrosus*, *Polytrichum commune*, *P. sp.*, *Climacium* sp., *Iris* sp., etc., 28.VIII.2004, leg. A.R.; 1 ♂, 1 ♀, near Meunskiy cordon, mosses and plant debris among *Carex* spp. & Poaceae with *Comarum palustre*, *Sphagnum squarrosus*, *Sph. sp.*, *Aulacomnium* sp. and other true mosses near side of flood-plain lake and swampy road, 13.VIII.2004, leg. A.R.; 1 ♀, rill (left confluent of Nora River) up-stream of Mt. Gryashchinskaya, true mosses and plant debris among *Carex* spp., Poaceae, *Alnus* sp., *Padus* sp., *Salix* sp., etc., 26.VIII.2004, leg. A.R.; 1 ♂, N.N.R. (buffer zone), Burunda River basin, 0.5–1 km NW of Burunda cordon, plant debris and small true mosses among *Carex* spp. & Poaceae along rill bank, 12.IX.2004, leg. A.R.; 1 ♀, Selemdzha River basin, 3–4 km up-stream of Norsk, mosses and plant debris on sides of drainage lakes (dammed rill), *Carex* spp., Poaceae, *Filipendula palmata*, *Iris* sp., *Spiraea* sp., ferns, motley grass, 07.IX.2004, leg. A.R.; 3 ♀♀, N.N.R. (buffer zone), same, 1 km SE of Burunda cordon, moss and leaf litter among sedge-gramineous tussocks and under young growth of *Betula* sp. on wide open swamp, 04.X.2004, leg. A.R.; 1 ♂, 4 ♀♀, N.N.R., Burunda River near Ozyorniy Rill mouth, plant debris and mosses among tussocks of *Carex* spp. and Poaceae with *Spiraea* sp., *Vicia* sp., *Plagiomnium* sp. on open flood-plain depression with tracks of *Capreolus capreolus*, 01.X.2004, leg.

A.R.; 2 ♀♀, N.N.R. (buffer zone), Burunda River basin, 1.5–2 km NW of Burunda cordon, mosses and plant debris on swamp near Kamyshovoye Lake: *Sphagnum* spp., *Hypnum* sp., dense growth of *Chamaedaphne calyculata*, *Menyanthes trifoliata*, *Comarum palustre*, *Eriophorum* sp., separate tussocks of *Carex* sp., sparse Poaceae, etc., 13.IX.2004, leg. A.R.; 1 ♀, Nora River basin, 1.5 km up-stream of Mt. Gryashchinskaya, moss and plant debris on *Carex-Eriophorum* swamp with *Chamaedaphne calyculata*, gramineous admixture, *Comarum palustre*, *Salix* sp., *Vaccinium uliginosum*, *Sphagnum* spp., etc., 25.VIII.2004, leg. A.R.; 2 ♂♂, 3 ♀♀, Nora River basin, 1.5 km up-stream of Mt. Gryashchinskaya, mosses and plant debris on open swamp along lake side: tussocks of *Carex* spp. and Poaceae with *Sphagnum ?girgensobnii*, *Sph. ?angustifolium*, *Sph. ?magellanicum*, *Sph. squarrosus*, *Sph. sp.*, *Chamaedaphne calyculata*, *Vaccinium uliginosum*, sparse *Ledum palustre*, *Salix* sp., *Betula ?fruticosa*, etc., 24.VIII.2004, leg. A.R.; 3 ♀♀, Selemdzha River basin, flood-plain of Aldikon River near Norsk, mosses and leaf litter under *Salix* sp. and along the edge of open sedge-gramineous tussock swamp, 05.IX.2004, leg. A.R.; 1 ♂, Burunda River near Ozyorniy Rill mouth, mosses and plant debris among sedge-gramineous tussocks on very gentle slope near intermittent channel: *Carex* spp., *Calamagrostis* sp., *Polytrichum* sp. and other true mosses, *Spiraea* sp., etc., 28.IX.2004, leg. A.R.; 1 ♂, 1 ♀, N.N.R. (buffer zone), Burunda River basin near Burunda cordon, plant debris and mosses on swampy sides of flood-plain lake: *Carex* spp., Poaceae, *Spiraea* sp., sparse *Climacium* sp., *Hypnum* sp., *Sphagnum* sp., *Polytrichum* sp., etc., 09.IX.2004, leg. A.R.; 2 ♂♂, 3 ♀♀, N.N.R. (buffer zone), Burunda River basin, 0.5–0.7 km NW of Burunda cordon, sedge-gramineous swamp with *Sphagnum ?girgensobnii* and true mosses around lake, 10.IX.2004, leg. A.R.; 1 ♂, 3 ♀♀, near border of buffer zone of N.N.R., Burunda River basin, 4 km NW of Burunda cordon, mosses and 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.IX.2004, leg. A.R.; 2 ♀♀, N.N.R. (buffer zone), Burunda River basin, 1.5–2 km NW of Burunda cordon, mosses and plant debris on swamp and among sedge-gramineous tussocks in sparse growth of burnt *Betula platyphylla* and *Larix gmelinii* near Kamyshovoye Lake with *Chamaedaphne calyculata*, *Comarum palustre*, *Vaccinium uliginosum*, *Ledum palustre*, *Sphagnum* spp., *Polytrichum* sp., *Hypnum* sp., etc., 19.IX.2004, leg. A.R.; 1 ♂, near border of buffer zone of N.N.R., Burunda River basin, 9 km SE of Burunda cordon, mosses and leaf litter in sparse growth of burnt *Betula platyphylla* and *Larix gmelinii* with spots of *Alnus* sp., dense growth of *Ledum palustre*, *Vaccinium uliginosum*, *V. vitis-idaea* on gentle slope, 20.IX.2004, leg. A.R.; 1 ♂, N.N.R. (buffer zone), Burunda River basin, 2.5 km SE of Burunda cordon, small true mosses and plant debris among *Carex* spp. on sand, small shingles and clay along dried ephemeral stream near border of complex swamp, 21.IX.2004, leg. A.R.; 1 ♀, Burunda River, 2–3 km up-stream of Burunda cordon, shingle-sandy spit: among shingles and in leaf litter under *Salix* sp. with Poaceae, *Dianthus* sp., etc., 24.IX.2004, leg. A.R.; 1 ♀, Burunda River near Ozyorniy Rill mouth, plant debris and mosses among tussocks of *Carex* spp. and Poaceae with *Spiraea* sp., *Vicia* sp., small true mosses on gently sloping side of small flood-plain lake, 02.X.2004, leg. A.R.; 1 ♀, Burunda River basin, Korolikha Mt., steep rocky slope: mosses and leaf litter under *Betula platyphylla* и *Larix gmelinii* с *Rhododendron* sp., *Hylocomium splendens*, *Pleurozium schreberi*, etc., 03.X.2004, leg. A.R.; 1 ♂, Burunda River basin, Korolikha Mt., mosses and plant debris along bank of Korolikha River near foot of steep rocky slope, 03.X.2004, leg. A.R.; 1 ♀, Nora River basin near Maltsevskiy cordon, Maltsevskoye Lake, 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 squarrosus*, *Sph. sp.*, *Plagiomnium* sp., undergrowth of *Betula* sp., etc., 13.VI.2005, leg. E.V. & A.R.; 2 ♀♀, lower reaches of Chervinka River, mosses, ferns, leaf litter, plant debris on

banks of river and intermittent rill with tussocks of *Carex* spp., Poaceae, *Spiraea* spp., *Salix* spp., *Betula fruticosa*, undergrowth of *Betula platyphylla*, etc., 30.VI.2005, leg. E.V. & A.R.; 1 ♀, near border of N.N.R., left side of Selemdzha River opposite Dvadt-satikha cordon, fold of small rill, mosses and leaf litter near rill and on fallen trees and stones in rill channel, among *Alnus* sp., *Padus* sp., *Corylus mandshurica*, *Tilia amurensis*, *Acer ukurunduense*, *Betula platyphylla*, *B. davurica*, *Picea ajanensis*, *Abies nephrolepis*, etc., 28.VI.2005, leg. E.V. & A.R.; 1 ♀, Selemdzha River basin near Dvadt-satikha cordon, mosses, leaf litter, plant debris among tussocks of *Carex* spp. and Poaceae with *Filipendula palmata*, *Trollius* sp., *Anemonidium dichotomum*, *Geranium* sp., *Iris* sp., *Spiraea* spp., undergrowth *Populus*, *Alnus* sp. on side of a small lake and swamp on high flood-plain of Selemdzha River, 23.VI.2005, leg. E.V. & A.R.; 1 ♂, rill (left confluent of Nora River), 1 km up-stream of Mt. Gryashchinskaya, true mosses and plant debris among *Carex* spp., Poaceae, *Alnus* sp., *Padus* sp., *Salix* sp., etc., 22.VII.2005, leg. A.R.; 2 ♀♀, Nora River near Maltsevskiy cordon, mosses, leaf litter, soil under *Alnus* sp., *Padus* sp., *Salix* spp. with ferns, Poaceae, *Carex* spp., etc., on clayish slumping bank, 17.VI.2005, leg. E.V. & A.R.; 2 ♀♀, Nora River basin near Maltsevskiy cordon, Maltsevskoye Lake, mosses and leaf litter among sedge tussocks with Poaceae, *Sphagnum* spp., *Polytrichum* spp., *Hypnum* sp., *Plagiomnium* sp., *Viola* sp., *Filipendula palmata*, *Polemonium* sp., *Anemonidium dichotomum*, etc., 14.VI.2005, leg. E.V. & A.R.; 1 ♀, Nora River basin near Meunskiy cordon, mosses and plant debris on flood-plain of intermittent rill with *Alnus* sp., *Carex* spp., Poaceae, *Trientalis europaea*, *Convallaria keiskei*, *Sphagnum squarrosum*, *Sph. ?girgensobnii*, *Sph.* spp., *Hypnum* sp., etc., 08.VII.2005, leg. A.R.; 2 ♀♀, near border of N.N.R., island on Selemdzha River near Dvadt-satikha cordon, banks of the river and old channel: shingles, clay, silt, sand, organic drift, 21.VI.2005, leg. E.V. & A.R.; 1 ♀, Nora River below Maltsevskiy cordon, mosses and leaf litter among *Carex* spp. and Poaceae on narrow spit between the river and the lake, 10.VI.2005, leg. E.V. & A.R.; 1 ♀, Selemdzha River basin near Dvadt-satikha cordon, sweeping on open swamp with *Carex* spp., Poaceae, *Salix* spp., *Spiraea* spp., *Filipendula palmata*, *Iris* sp., *Valeriana* sp. and on afforested swamp with *Padus* sp., *Alnus* sp., *Betula platyphylla*, *Salix* spp., etc., 19.VI.2005, leg. E.V. & A.R.; 2 ♀♀, near border of N.N.R., left side of Selemdzha River opposite Dvadt-satikha cordon, in epigenous gill fungi on dead trees, 20.VI.2005, leg. E.V. & A.R.; 1 ♀, Selemdzha River basin, 1.5 km NE of Dvadt-satikha cordon, mosses and leaf litter on open swamp near lake: *Carex* spp., *Eriophorum* spp., Poaceae gen. sp., *Sphagnum* spp., *Hypnum* spp., *Salix* sp., etc., 24.VI.2005, leg. E.V. & A.R.; 1 ♀, Selemdzha River basin, 5–6 km up-stream of Ekimchan, up-stream of Unerikan Rill mouth, 494–500 m, mosses, litter and sweeping near lakeside: *Carex* spp., Poaceae gen. spp., *Eriophorum* sp., *Ledum palustre*, *Chamaedaphne calyculata*, *Vaccinium uliginosum*, 04.VIII.2005, leg. A.R.

**DISTRIBUTION.** Widespread in Europe, including the tundra zone, the Caucasus, the Urals, West and Middle Siberia; eastern Kazakhstan, Amurskaya and Khabarovsk provinces. Known also from China and Japan. This is the northeasternmost locality of the species.

#### *Agyneta mongolica* (Loksa, 1965)

**MATERIAL.** 3 ♂♂, N.N.R., Nora River near Maltsevskiy cordon, mosses and leaf litter under *Padus* sp. with Poaceae, *Carex* spp., *Equisetum sylvaticum*, undergrowth of *Populus tremula* in depression behind natural levee, 15.VI.2005, leg. E.V. & A.R.; 2 ♂♂, Selemdzha River basin, 1.5 km NE of Dvadt-satikha cordon, banks and flood-plain of a rill inflowing to lake, mosses and leaf litter under *Salix* spp., *Alnus* sp., undergrowth of *Betula platyphylla* and *Populus tremula*, *Spiraea* spp. with Poaceae, *Carex* spp., *Trollius* sp., *Filipendula palmata*, ferns, *Sphagnum* spp., *Polytrichum* spp., *Hypnum* sp., *Plagiomnium* sp., 26.VI.2005, leg. E.V. & A.R.

**DISTRIBUTION.** Amurskaya, Khabarovsk and Maritime provinces; Mongolia.

#### *Agyneta nigra* (Oi, 1960)

**MATERIAL.** 1 ♂, N.N.R., Nora River basin near Meunskiy cordon, swamp with sedge tussocks, Poaceae, *Sphagnum squarrosum*, *Sph.* spp., 14.VII.2005, leg. A.R.

**DISTRIBUTION.** East Siberia, Sakhalin, Lake Baikal region; Amurskaya, Khabarovsk and Maritime provinces. Known also from Mongolia, China, Japan and Korea.

#### *Agyneta olivacea* (Emerton, 1882)

**MATERIAL.** 1 ♂, 4 ♀♀, N.N.R., Nora River basin near Maltsevskiy cordon, Maltsevskoye Lake, 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., 13.VI.2005, leg. E.V. & A.R.; 1 ♂, 8 ♀♀, lower reaches of Chervinka River, mosses, ferns, leaf litter, plant debris on banks of river and intermittent rill with tussocks of *Carex* spp., Poaceae, *Spiraea* spp., *Salix* spp., *Betula ?fruticosa*, undergrowth of *Betula platyphylla*, 30.VI.2005, leg. E.V. & A.R.; 1 ♂, 9 ♀♀, Nora River near Maltsevskiy cordon, mosses, leaf litter, soil under *Alnus* sp., *Padus* sp., *Salix* spp. with ferns, Poaceae, *Carex* spp., etc., on clayish slumping bank, 17.VI.2005, leg. E.V. & A.R.; 3 ♂♂, 6 ♀♀, Nora River basin near Maltsevskiy cordon, Maltsevskoye Lake, 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., and also leaf litter among tussocks in young birch forest with *Alnus* sp., *Spiraea* spp., *Filipendula palmata*, *Carex* spp., Poaceae, 14.VI.2005, leg. E.V. & A.R.; 1 ♂, 3 ♀♀, Selemdzha River basin near Dvadt-satikha cordon, sweeping on open swamp with *Carex* spp., Poaceae, *Salix* spp., *Spiraea* spp., *Filipendula palmata*, *Iris* sp., *Valeriana* sp. and on afforested swamp with *Padus* sp., *Alnus* sp., *Betula platyphylla*, *Salix* spp., 19.VI.2005, leg. E.V. & A.R.

**DISTRIBUTION.** Known from northeastern Europe (tundra); in Asia, from the Urals to Chukotka, Cisokhotia; Middle Asia, mountains of South Siberia, Amurskaya, Khabarovsk and Maritime provinces, Sakhalin and Mongolia. Widespread in the Nearctic as well.

#### *Agyneta pseudosaxatilis* Tanasevitch, 1984

**MATERIAL.** 1 ♀, Amurskaya Area, Selemdzhinsky District, Selemdzha River basin, 5–6 km up-stream of Ekimchan, Unerikan Rill, 1–2 km up-stream of mouth, 490 m, mosses and leaf litter in forest and on open bank of rill: *Abies nephrolepis*, *Picea ajanensis*, *Larix gmelinii*, *Betula* sp., *Hylocomium splendens*, *Pleurozium schreberi*, *Sphagnum squarrosum*, *Sph. ?girgensobnii*, *Sph.* spp., Poaceae, *Equisetum* spp., 05.VIII.2005, leg. A.R.

**DISTRIBUTION.** Siberia: from the Urals eastward to East Siberia, Cisokhotia, Kamchatka. Eastern Kazakhstan, through the mountains of South Siberia via the Lake Baikal region eastward to Khabarovsk Prov.

#### *Anguliphantes dybowskii* (O. Pickard-Cambridge, 1873)

**MATERIAL.** 2 ♀♀, N.N.R., Nora River basin near Meunskiy cordon, mosses and plant debris at flood-plain of a rill: *Alnus* sp., *Carex* spp., Poaceae, *Trientalis europaea*, *Convallaria keiskei*, *Sphagnum squarrosum*, *Sph.* spp., *Hypnum* sp., 18.VIII.2004, leg. A.R.; 1 ♀, Nora River basin near Meunskiy cordon, mosses and plant debris at flood-plain of a rill: *Alnus* sp., *Carex* spp.,

Poaceae, *Trientalis europaea*, *Convallaria keiskei*, *Sphagnum squarrosum*, *Sph.* spp., *Hypnum* sp., 15.VIII.2004, leg. A.R.; 1 ♂, 4 ♀♀, rill (left confluent of Nora River) up-stream of Mt. Gryashchinskaya, true mosses and plant debris among *Carex* spp., Poaceae, *Alnus* sp., *Padus* sp., *Salix* sp., 26.VIII.2004, leg. A.R.; 1 ♂, 2 ♀♀, N.N.R. (buffer zone), Burunda River basin, 1.5 km NW of Burunda cordon, plant debris among tussocks of *Carex* spp. under sparse *Alnus* sp. with young growth of *Larix gmelinii* along rill bank near road, 17.IX.2004, leg. A.R.; 1 ♂, 1 ♀, N.N.R. (buffer zone), Burunda River basin, 1.5 km NW of Burunda cordon, plant debris among *Carex* sp. under sparse *Alnus* sp. with young growth of *Larix gmelinii* along rill bank near road, 18.IX.2004, leg. A.R.; 1 ♂, 1 ♀, N.N.R. (buffer zone), Burunda River basin, 1.5–2 km SE of Burunda cordon, mosses and leaf litter under *Betula platyphylla* with *Ledum palustre*, *Chamaedaphne calyculata*, *Salix* sp., *Sphagnum* spp., *Hypnum* sp., Poaceae, 06.X.2004, leg. A.R.; 1 ♀, N.N.R. (buffer zone), Burunda River basin, 2.5 km SE of Burunda cordon, leaf litter under *Larix gmelinii* and *Betula platyphylla* with *Ledum palustre*, *Rhododendron* sp., *Vaccinium vitis-idaea*, *Equisetum sylvaticum* in burnt forest on gentle slope, 23.IX.2004, leg. A.R.; 1 ♂, 2 ♀♀, near border of buffer zone of N.N.R., Burunda River basin, 4 km NW of Burunda cordon, mosses and 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., 11.IX.2004, leg. A.R.; 2 ♂♂, 1 ♀, N.N.R. (buffer zone), Burunda River basin, 1 km NW of Burunda cordon, mosses and leaf litter in swampy forest with tussocks and old stumps on very gentle slope near rill bank: *Larix gmelinii*, *Alnus* sp., *Betula platyphylla*, *Calamagrostis* sp., *Carex* sp., *Rubus arcticus*, *Convallaria keiskei*, *Sphagnum squarrosum*, *Sph. ?girgensobnii*, *Sph.* sp., *Ptilium crista-castrensis*, *Hylocomium splendens*, *Dicranum* sp., 12.IX.2004, leg. A.R.; 1 ♂, 1 ♀, N.N.R. (buffer zone), Burunda River basin, 4.5 km NW of Burunda cordon, mosses and leaf litter in slope forest under *Betula platyphylla*, *Larix gmelinii* with *Ledum palustre*, *Rhododendron* sp., *Alnus* sp., *Pleurozium schreberi*, *Hylocomium splendens*, etc., 14.IX.2004, leg. A.R.; 1 ♀, near border of buffer zone of N.N.R., Burunda River basin, 9 km SE of Burunda cordon, mosses and leaf litter in sparse growth of burnt *Betula platyphylla* and *Larix gmelinii* with spots of *Alnus* sp., dense growth of *Ledum palustre*, *Vaccinium uliginosum*, *V. vitis-idaea* on gentle slope, 20.IX.2004, leg. A.R.; 1 ♀, N.N.R. (buffer zone), Burunda River basin, 2.5 km SE of Burunda cordon, mosses and plant debris on large burnt swamp with *Vaccinium uliginosum*, *Ledum palustre*, *Chamaedaphne calyculata*, *Eriophorum* sp., *Carex* sp., Poaceae, *Betula ovalifolia*, *Sphagnum squarrosum*, *Sph.* spp., *Polytrichum* sp., *Hypnum* sp., small true mosses, etc., 23.IX.2004, leg. A.R.; 4 ♀♀, Nora River basin near Meunskiy cordon, mosses, leaf litter and plant debris on swampy flood-plain of intermittent rill with *Alnus* sp., *Padus* sp., *Salix* spp., *Betula platyphylla*, *B. ?fruticosa*, Poaceae, *Carex* spp., *Ledum palustre*, *Filipendula palmata*, *Vaccinium uliginosum*, *Convallaria keiskei*, *Trientalis europaea*, *Maianthemum bifolium*, *Sphagnum squarrosum*, *Sph. ?girgensobnii*, *Sph. ?centrale*, *Sph.* spp., *Hypnum* sp., etc., 10.VII.2005, leg. A.R.; 1 ♀, Seledmzha River basin, 5–6 km up-stream of Ekimchan, up-stream of Unerikan Rill mouth, 494 m, mosses and leaf litter in riverside forest: under *Betula* sp. and *Larix gmelinii* with Poaceae gen. spp., *Polytrichum* spp., etc., 06.VIII.2005, leg. A.R.

**DISTRIBUTION.** Widespread all over Siberia from the Urals eastward to East Siberia, known from Cisokhotia, Kamchatka, the Kurile Islands, Sakhalin; through the mountains of South Siberia via the Lake Baikal region eastward to Khabarovsk Prov. Known also from Mongolia.

*Anguliphantes karpinskii* (O. Pickard-Cambridge, 1873)

**MATERIAL.** 2 ♀♀, N.N.R., right bank of Meun River near mouth, mosses and litter in spruce forest with *Maianthemum*

*bifolium*, *Trientalis europaea*, *Equisetum pratense*, *Hylocomium splendens*, *Pleurozium schreberi*, etc., 18.VIII.2004, leg. A.R.; 4 ♀♀, N.N.R. (buffer zone), Burunda River basin, 1 km NW of Burunda cordon, mosses and leaf litter in *Alnus* forest with Poaceae, *Rubus idaeus*, *R. arcticus*, *R. humilifolius*, *Urtica* sp., sparse *Carex* sp. and *Trientalis europaea* near rill, 17.IX.2004, leg. A.R.; 1 ♀, Burunda River near Ozyornyi Rill mouth, mosses and leaf litter under *Betula platyphylla* and *Larix gmelinii* in birch forest with larch undergrowth, *Ledum palustre*, *Vaccinium vitis-idaea*, *Equisetum pratense*, *Pleurozium schreberi*, *Hylocomium splendens* on hill near river bank, 29.IX.2004, leg. A.R.; 1 ♀, right bank of Nora River, Ostraya Mt., mosses and leaf litter on rocky denudation. 23.VIII.2004, leg. A.R.; 1 ♀, Nora River, Mt. Gryashchinskaya, mosses and leaf litter on steep rocky slope with *Betula platyphylla*, *Alnus* sp., *Sorbus sibirica*, *Swida alba*, undergrowth of *Acer ukurunduense*, *Pleurozium schreberi*, *Hylocomium splendens*, *Dicranum* sp., *Ptilium crista-castrensis*, *Sphagnum ?girgensobnii*, *Dryopteris fragrans*, etc., 25.VIII.2004, leg. A.R.; 2 ♀♀, near border of N.N.R., left side of Seledmzha River opposite Dvadsatikhha cordon, mosses and leaf litter on high bank of the river: *Betula platyphylla*, *B. davurica*, *Larix gmelinii*, *Pinus sylvestris*, *Alnus* sp., *Ledum palustre*, *Rhododendron* sp., *Vaccinium vitis-idaea*, *Pyrola* sp., *Maianthemum bifolium*, *Pleurozium schreberi*, *Ptilium crista-castrensis*, etc., 05.VIII.2004, leg. A.R.; 1 ♀, Nora River basin near Maltsevskiy cordon, leaf litter under *Populus tremula*, *Betula platyphylla*, *Padus* sp. with Poaceae, *Equisetum sylvaticum*, *Spiraea* sp., *Maianthemum bifolium*, *Polygonatum* sp., ferns near flood-plain lake, 30.VIII.2004, leg. A.R.; 2 ♀♀, N.N.R. (buffer zone), Burunda River basin, 4.5 km NW of Burunda cordon, mosses and leaf litter in slope forest under *Betula platyphylla*, *Larix gmelinii* with *Ledum palustre*, *Rhododendron* sp., *Alnus* sp., *Pleurozium schreberi*, *Hylocomium splendens*, etc., 14.IX.2004, leg. A.R.; 1 ♂, N.N.R. (buffer zone), Burunda River basin, 4 km NW of Burunda cordon, mosses and leaf litter on very gentle slope with *Larix gmelinii*, *Alnus* sp., *Ledum palustre*, undergrowth of *Betula platyphylla*, *Hylocomium splendens*, *Dicranum* sp., etc., 08.X.2004, leg. A.R.; 1 ♀, N.N.R. (buffer zone), Burunda River basin, 2 km SE of Burunda cordon, leaf litter in young dense larch forest with sparse *Alnus* sp., Poaceae, *Equisetum* sp. and under old larch tree on hill, 22.IX.2004, leg. A.R.; 7 ♂♂, 4 ♀♀, N.N.R. (buffer zone), Burunda River basin, 2 km SE of Burunda cordon, mosses and leaf litter in slope forest with *Betula platyphylla*, sparse Poaceae, *Carex* sp., *Rhododendron* sp., etc., 26.IX.2004, leg. A.R.; 4 ♀♀, Burunda River near Ozyornyi Rill mouth, mosses and litter under large trees of *Picea ajanensis* with *Pyrola* sp., Poaceae, *Filipendula palmata*, *Pleurozium schreberi* near river bank, 30.IX.2004, leg. A.R.; 1 ♂, Nora River, Sorokavyorstnaya channel, foot of rocky NE slope of Maltsevskaya Mt.: mosses and leaf litter under *Alnus* sp., *Padus* sp., *Populus* sp., *Acer ukurunduense* with Poaceae, ferns, *Hylocomium splendens*, *Pleurozium schreberi*, *Dicranum* sp., *Ptilium crista-castrensis*, etc., 12.VI.2005, leg. E.V. & A.R.; 2 ♂♂, 4 ♀♀, Amurskaya Area, Mazanovskiy District, Nora River mouth, slopes of bald mountain (220–320 m), mosses and leaf litter among stones and under *Betula* spp., *Acer ukurunduense*, *Alnus* sp., *Corylus mandshurica*, *Picea ajanensis*, etc., 29.VII.2005, leg. A.R.; 1 ♀, Meun River mouth, steep slope of Ust'-Meunskaya Mt., mosses and leaf litter on rocks and at their foot: ferns, *Acer ukurunduense*, *Padus* sp., etc., 14.VII.2005, leg. A.R.; 1 ♀, Mazanovskiy District, Seledmzha River below Nora River mouth, N slope of Ust'-Norskaya Mt., 220 m, mosses and leaf litter among stones and under *Betula platyphylla*, *B. davurica*, *Acer ukurunduense*, *Corylus mandshurica*, etc., 30.VII.2005, leg. A.R.; 4 ♀♀, near border of N.N.R., left side of Seledmzha River opposite Dvadsatikhha cordon, mosses and leaf litter in riverside forest under rocky denudation: *Alnus* sp., *Salix* spp., *Abies nephrolepis*, *Padus* sp., *Betula platyphylla*, *B. davurica*, *Acer ukurunduense*, *Corylus mandshurica*, *Ulmus* sp., *Matteuccia struthiopteris*, *Oxalis acetosella*, *Adoxa* sp., *Schisandra chinensis*, *Trientalis europaea*, Liliaceae gen. spp., *Saxifraga* sp., *Dryopteris fragrans*, *Pleurozium schreberi*, *Hylocomium splendens*, etc., 20.VI.2005, leg. E.V. & A.R.; 1 ♀, Seledmzha River basin, 51 km

below Ekimchan, bank of Angelokit Rill, 410–420 m, shingles, sand, drift, leaf litter under *Salix* spp. and *Alnus* sp. with Poaceae, *Carex* spp., etc., 08.VIII.2005, leg. A.R.; 1 ♀, Nora River basin near Meunskiy cordon, mosses and leaf litter in forest on very gentle slope: *Betula platyphylla*, *Larix gmelinii*, *Rhododendron* sp., *Alnus* sp., *Ledum palustre*, *Vaccinium vitis-idaea*, *V. uliginosum*, *Calamagrostis* sp., *Maianthemum bifolium*, *Carex* ?*globularis*, *Trientalis europaea*, *Polytrichum commune*, etc., 10.VII.2005, leg. A.R.; 2 ♀♀, Seledzha River basin, 51 km below Ekimchan, near Angelokit Rill, 405–410 m, mosses and leaf litter on steep rocky burnt slope above rill: *Picea ajanensis*, *Abies nephrolepis*, *Hylocomium splendens*, *Pleurozium schreberi*, *Sphagnum* spp., etc., 06.VIII.2005, leg. A.R.

**DISTRIBUTION.** Middle and East Siberia, Cisokhotia, Kamchatka, Sakhalin; through the mountains of South Siberia via the Lake Baikal region eastward to Khabarovsk and Maritime provinces. Known also from Mongolia and China.

#### *Anguliphantes maritimus* (Tanasevitch, 1988)

**MATERIAL.** 1 ♀, N.N.R., Nora River basin near Meunskiy cordon, mosses and plant debris in forest at rill valley: *Betula platyphylla*, *Larix gmelinii*, *Rhododendron* sp., *Alnus* sp., *Ledum palustre*, *Vaccinium vitis-idaea*, *Calamagrostis* sp., *Maianthemum bifolium*, *Carex* ?*globularis*, *Trientalis europaea*, *Polytrichum commune*, etc., 16.VIII.2004, leg. A.R.; 1 ♀, Nora River near Meun River mouth, moss and leaf litter under *Picea ajanensis* and *Betula platyphylla* with *Maianthemum bifolium*, *Trientalis europaea*, Poaceae, *Polygonatum* sp., ferns on natural levee, 21.VIII.2004, leg. A.R.; 1 ♀, 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. on narrow, partly submerged, spit between river and lake, 03.IX.2004, leg. A.R.; 1 ♀, Nora River near Maltsevskiy cordon, mosses and leaf litter under *Alnus* sp., *Padus* sp., *Betula platyphylla*, undergrowth of *Populus tremula* with *Spiraea* spp., *Filipendula palmata*, *Carex* spp., Poaceae, *Rosa* sp., *Convallaria keiskei*, ferns on natural levee, 29.VIII.2004, leg. A.R.; 3 ♀♀, Nora River near Maltsevskiy cordon, mosses and leaf litter under *Padus* sp. with Poaceae, *Carex* spp., *Equisetum sylvaticum*, undergrowth of *Populus tremula* in depression behind natural levee, 15.VI.2005, leg. E.V. & A.R.; 1 ♀, Nora River basin near Maltsevskiy cordon, Maltsevskoye Lake, mosses and leaf litter among sedge and gramineous tussocks with *Spiraea* spp., *Salix* sp., *Filipendula palmata*, *Iris* sp., *Anemoidium dichotomum*, *Maianthemum bifolium*, *Polytrichum* spp., *Hypnum* sp., *Sphagnum squarrosum*, *Sph.* sp., *Plagiomnium* sp., undergrowth of *Betula* sp., etc., 13.VI.2005, leg. E.V. & A.R.; 1 ♀, abrupt bank of Nora River near Maltsevskiy cordon, shingles, sand, loam, spots of mosses *Marchantiales*, *Carex* spp., Poaceae, Fabaceae, etc., leaf litter under *Alnus* sp. and *Padus* sp. with ferns, etc., 16.VI.2005, leg. E.V. & A.R.; 2 ♀♀, Nora River near Maltsevskiy cordon, mosses, leaf litter, soil under *Alnus* sp., *Padus* sp., *Salix* spp. with ferns, Poaceae, *Carex* spp., etc., on clayish slumping bank, 17.VI.2005, leg. E.V. & A.R.; 1 ♀, Nora River basin near Meunskiy cordon, mosses, leaf litter and plant debris on swampy flood-plain of intermittent rill with *Alnus* sp., *Padus* sp., *Salix* spp., *Betula platyphylla*, *B. ?fruticosa*, Poaceae, *Carex* spp., *Ledum palustre*, *Filipendula palmata*, *Vaccinium uliginosum*, *Convallaria keiskei*, *Trientalis europaea*, *Maianthemum bifolium*, *Sphagnum squarrosum*, *Sph. ?girsensobnii*, *Sph. ?centrale*, *Sph.* spp., *Hypnum* sp., etc., 10.VII.2005, leg. A.R.; 1 ♀, Nora River below Maltsevskiy cordon, mosses and leaf litter among *Carex* spp. and Poaceae on narrow spit between the river and the lake, 10.VI.2005, leg. E.V. & A.R.; 1 ♀, Seledzha River basin near Dvadtsatikka cordon, sweeping on open swamp with *Carex* spp., Poaceae, *Salix* spp., *Spiraea* spp., *Filipendula palmata*, *Iris* sp., *Valeriana* sp. and on afforested swamp with *Padus* sp., *Alnus* sp., *Betula platyphylla*, *Salix* spp., etc., 19.VI.2005, leg. E.V. & A.R.; 2 ♀♀, Meun River mouth, leaf litter under *Betula platyphylla*, *Abies nephrolepis*, *Picea ajanensis*, *Populus tremula* with Poaceae gen. spp., *Carex* spp., Fabaceae

gen. spp., *Filipendula palmata*, *Equisetum sylvaticum*, *Rosa* sp. on natural levee, 09.VII.2005, leg. A.R.

**DISTRIBUTION.** Amurskaya, Khabarovsk and Maritime provinces; China.

#### *Asthenargoides kurenstchikovi* Eskov, 1993

**MATERIAL.** 5 ♂♂, N.N.R. (buffer zone), Burunda River basin, 0.5–1 km NW of Burunda cordon, plant debris and small true mosses among *Carex* spp. & Poaceae along rill bank, 12.IX.2004, leg. A.R.; 15 ♀♀, N.N.R. (buffer zone), Burunda River basin, 1.5 km NW of Burunda cordon, plant debris among *Carex* sp. under sparse *Alnus* sp. with young growth of *Larix gmelinii* along rill bank near road, 18.IX.2004, leg. A.R.; 2 ♂♂, 5 ♀♀, Burunda River near Ozyornyi Rill mouth, plant debris and mosses among tussocks of *Carex* spp. and Poaceae with *Spiraea* sp., *Vicia* sp., *Plagiomnium* sp. on open flood-plain depression with tracks of *Capreolus capreolus*, 01.X.2004, leg. A.R.; 2 ♀♀, Meun River mouth, plant debris among *Carex* spp. & *Equisetum* sp. and leaf litter under *Salix* spp. & *Alnus* sp. on low bank of creek, 21.VIII.2004, leg. A.R.; 10ex(ZMMU), Seledzha River basin, 2 km up-stream of Norsk, mosses and plant debris among *Carex* spp., Poaceae, *Filipendula palmata*, *Spiraea* sp., *Salix* sp., *Padus* sp. on swampy side of small drainage lake (dammed rill), 06.IX.2004, leg. A.R.; 10 ♀♀, N.N.R. (buffer zone), Burunda River basin, 0.5–0.7 km NW of Burunda cordon, sedge-gramineous swamp with *Sphagnum ?girsensobnii* and true mosses around lake, 10.IX.2004, leg. A.R.; 1 ♀, Nora River basin near Maltsevskiy cordon, Maltsevskoye Lake, mosses and leaf litter among sedge and gramineous tussocks with *Spiraea* spp., *Salix* sp., *Filipendula palmata*, *Iris* sp., *Anemoidium dichotomum*, *Maianthemum bifolium*, *Polytrichum* spp., *Hypnum* sp., *Sphagnum squarrosum*, *Sph.* sp., *Plagiomnium* sp., undergrowth of *Betula* sp., etc., 13.VI.2005, leg. E.V. & A.R.; 1 ♀, Nora River near Maltsevskiy cordon, mosses, leaf litter, soil under *Alnus* sp., *Padus* sp., *Salix* spp. with ferns, Poaceae, *Carex* spp. on clayish slumping bank, 17.VI.2005, leg. E.V. & A.R.; 1 ♀, Meun River mouth, mosses, leaf litter and plant debris on swamp between natural levee and steep slope of bald mountain: *Spiraea* spp., *Alnus* sp., *Padus* sp., *Salix* spp., *Carex* spp., *Filipendula palmata*, etc., 09.VII.2005, leg. A.R.; 2 ♀♀, Nora River below Maltsevskiy cordon, mosses and leaf litter among *Carex* spp. and Poaceae on narrow spit between the river and the lake, 10.VI.2005, leg. E.V. & A.R.

**DISTRIBUTION.** Lake Baikal region, Amurskaya, Khabarovsk and Maritime provinces.

#### *Asthenargoides logunovi* Eskov, 1993

**MATERIAL.** 1 ♀, N.N.R., right bank of Meun River near mouth, mosses and litter in spruce forest with *Maianthemum bifolium*, *Trientalis europaea*, *Equisetum pratense*, *Hylocomium splendens*, *Pleurozium schreberi*, etc., 18.VIII.2004, leg. A.R.; 1 ♀, Nora River near Meun River mouth, moss and leaf litter under *Picea ajanensis* and *Betula platyphylla* with *Maianthemum bifolium*, *Trientalis europaea*, Poaceae, *Polygonatum* sp., ferns on natural levee, 21.VIII.2004, leg. A.R.; 2 ♀♀, Nora River, Mt. Gryashchinskaya, mosses and leaf litter on steep rocky slope with *Betula platyphylla*, *Alnus* sp., *Sorbus sibirica*, *Swida alba*, undergrowth of *Acer ukurunduense*, *Pleurozium schreberi*, *Hylocomium splendens*, *Dicranum* sp., *Ptilium crista-castrensis*, *Sphagnum ?girsensobnii*, *Dryopteris fragrans*, etc., 25.VIII.2004, leg. A.R.; 1 ♀, Mazanovskiy District, Nora River mouth, slopes of bald mountain (220–320 m), mosses and leaf litter among stones and under *Betula* spp., *Acer ukurunduense*, *Alnus* sp., *Corylus mandschurica*, *Picea ajanensis*, etc., 29.VII.2005, leg. A.R.; 1 ♀, Seledzha River basin near Dvadtsatikka cordon, sweeping on open swamp with *Carex* spp., Poaceae, *Salix* spp., *Spiraea* spp., *Filipendula palmata*, *Iris* sp., *Valeriana* sp. and on afforested swamp with *Padus* sp., *Alnus* sp., *Betula platyphylla*, *Salix* spp., etc., 19.VI.2005, leg. E.V. & A.R.; 1 ♀, Seledzha River basin

near Dvadsatikha cordon, leaf litter and mosses in sparse forest with *Betula daburica*, *Larix gmelinii*, undergrowth of *Corylus mandshurica* and *Tilia amurensis*, motley grass, *Polytrichum* sp. (old fire-site) and under bark of dead *Betula daburica*, 27.VI.2005, leg. E.V. & A.R.

**DISTRIBUTION.** Amurskaya, Khabarovsk and Maritime provinces.

#### *Bathyphantes canadensis* (Emerton, 1882)

**MATERIAL.** 1 ♀, N.N.R., Nora River basin near Maltsevskiy cordon, mosses and plant debris on swamp near southern side of flood-plain lake: *Carex* spp., Poaceae, *Salix* sp., *Filipendula palmata*, *Comarum palustre*, *Sphagnum squarrosum*, *Sph.* spp., *Polytrichum* sp., *Climacium* sp., etc., 30.VIII.2004, leg. A.R.; 1 ♂, 2 ♀♀, Burunda River bank, 2.5 km below Burunda cordon, on soil, in organic drift on wet sand, and in plant debris among *Carex* spp. and Poaceae under *Salix* spp. along base of shingle-sandy spit, 15.IX.2004, leg. A.R.; 1 ♂, 2 ♀♀, N.N.R. (buffer zone), Burunda River basin, 1 km SE of Burunda cordon, moss and leaf litter among sedge-gramineous tussocks and under young growth of *Betula* sp. on wide open swamp, 04.X.2004, leg. A.R.; 4 ♂♂, 7 ♀♀, near border of buffer zone of Burunda River basin, loamy bank of Meunchik River, 500–700 m up-stream of mouth, on soil, in mosses and plant debris among *Carex* spp., Poaceae, *Filipendula palmata* under *Alnus* sp., *Salix* sp., and *Spiraea* sp., 16.IX.2004, leg. A.R.; 1 ♀, near border of N.N.R., island on Selemdzha River near Dvadsatikha cordon, banks of the river and old channel: shingles, clay, silt, sand, organic drift, 21.VI.2005, leg. E.V. & A.R.

**DISTRIBUTION.** Middle and East Siberia, Chukotka, Cisokhotia, Amurskaya and Khabarovsk provinces.

#### *Bathyphantes eumenis* (L.Koch, 1879)

**MATERIAL.** 1 ♀, N.N.R., Selemdzha River, Burundushka River mouth, mosses and leaf litter under *Tilia amurensis*, *Alnus* sp., *Acer ukurunduense*, *Betula platyphylla* with *Rosa* sp., *Calamagrostis* sp., *Equisetum* sp., *Maianthemum bifolium*, *Thalictrum* sp., *Spiraea* sp., *Oxalis acetosella* on natural levee, 03.VIII.2004, leg. A.R.; 1 ♀, N.N.R. (buffer zone), Burunda River basin, 0.5–1 km NW of Burunda cordon, plant debris and small true mosses among *Carex* spp. & Poaceae (+sweeping) along rill bank, 12.IX.2004, leg. A.R.; 1 ♀, N.N.R. (buffer zone), Burunda River basin, 1.5 km NW of Burunda cordon, plant debris among tussocks of *Carex* spp. under sparse *Alnus* sp. with young growth of *Larix gmelinii* along rill bank near road, 17.IX.2004, leg. A.R.; 1 ♀, Selemdzha River basin, Aldikon River bank near Norsk, leaf litter under *Salix* spp. near water, 05.IX.2004, leg. A.R.; 2 ♀♀, Nora River, Mt. Gryashchinskaya, mosses and leaf litter on steep rocky slope with *Betula platyphylla*, *Alnus* sp., *Sorbus sibirica*, *Swida alba*, undergrowth of *Acer ukurunduense*, *Pleurozium schreberi*, *Hylocomium splendens*, *Dicranum* sp., *Ptilium crista-castrensis*, *Sphagnum ?girgensobnii*, *Dryopteris fragrans*, etc., 25.VIII.2004, leg. A.R.; 1 ♀, 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. on narrow, partly submerged, spit between river and lake, 02.IX.2004, leg. A.R.; 2 ♀♀, N.N.R. (buffer zone), Burunda River basin, 0.5–0.7 km NW of Burunda cordon, sedge-gramineous swamp with *Sphagnum ?girgensobnii* and true mosses around lake, 10.IX.2004, leg. A.R.; 1 ♀, N.N.R. (buffer zone), Burunda River basin, 4.5 km NW of Burunda cordon, mosses and leaf litter in slope forest under *Betula platyphylla*, *Larix gmelinii* with *Ledum palustre*, *Rhododendron* sp., *Alnus* sp., *Pleurozium schreberi*, *Hylocomium splendens*, etc., 14.IX.2004, leg. A.R.; 1 ♀, N.N.R. (buffer zone), Burunda River basin, 1.5–2 km NW of Burunda cordon, mosses and plant debris on swamp and among sedge-gramineous tussocks in sparse growth of burnt *Betula platyphylla* and *Larix gmelinii* near Kamyshevoye Lake with *Chamaedaphne*

*calyculata*, *Comarum palustre*, *Vaccinium uliginosum*, *Ledum palustre*, *Sphagnum* spp., *Polytrichum* sp., *Hypnum* sp., etc., 19.IX.2004, leg. A.R.; 1 ♀, Selemdzha River basin, lake, 1.5 km NE of Dvadsatikha cordon, leaf litter and mosses under *Betula platyphylla*, *B.davurica*, *Larix gmelinii*, *Populus tremula* with motley grass, Poaceae, *Carex* spp., *Polytrichum commune*, etc., 24.VI.2005, leg. E.V. & A.R.; 1 ♀, Selemdzha River basin, 1.5 km NE of Dvadsatikha cordon, banks and flood-plain of a rill inflowing to lake, mosses and leaf litter under *Salix* spp., *Alnus* sp., undergrowth of *Betula platyphylla* and *Populus tremula*, *Spiraea* spp. with Poaceae, *Carex* spp., *Trollius* sp., *Filipendula palmata*, ferns, *Sphagnum* spp., *Polytrichum* spp., *Hypnum* sp., *Plagiomnium* sp., etc., 26.VI.2005, leg. E.V. & A.R.; 3 ♀♀, Nora River, bank of Sorokavyorstnaya channel, under foot of rocky NE slope of Maltsevskaya Mt.: leaf litter under *Alnus* sp., *Salix* spp., *Populus* sp., *Padus* sp., 12.VI.2005, leg. E.V. & A.R.; 4 ♀♀, abrupt bank of Nora River near Maltsevskiy cordon, shingles, sand, loam, spots of mosses *Marchantiales*, *Carex* spp., Poaceae, Fabaceae, etc., leaf litter under *Alnus* sp. and *Padus* sp. with ferns, 16.VI.2005, leg. E.V. & A.R.; 6 ♀♀, Nora River near Maltsevskiy cordon, mosses, leaf litter, soil under *Alnus* sp., *Padus* sp., *Salix* spp. with ferns, Poaceae, *Carex* spp., etc., on clayish slumping bank, 17.VI.2005, leg. E.V. & A.R.; 2 ♀♀, Nora River basin near Meunskiy cordon, mosses, leaf litter and plant debris on swampy flood-plain of intermittent rill with *Alnus* sp., *Padus* sp., *Salix* spp., *Betula platyphylla*, *B. ?fruticosa*, Poaceae, *Carex* spp., *Ledum palustre*, *Filipendula palmata*, *Vaccinium uliginosum*, *Convallaria keiskei*, *Trientalis europaea*, *Maianthemum bifolium*, *Sphagnum squarrosum*, *Sph. ?girgensobnii*, *Sph. ?centrale*, *Sph.* spp., *Hypnum* sp., etc., 10.VII.2005, leg. A.R.; 1 ♀, near border of N.N.R., left side of Selemdzha River opposite Dvadsatikha cordon, mosses and leaf litter in riverside forest under rocky denudation: *Alnus* sp., *Salix* spp., *Abies nephrolepis*, *Padus* sp., *Betula platyphylla*, *B. davurica*, *Acer ukurunduense*, *Corylus mandshurica*, *Ulmus* sp., *Matteuccia struthiopteris*, *Oxalis acetosella*, *Adoxa* sp., *Schisandra chinensis*, *Trientalis europaea*, Liliaceae gen. spp., *Saxifraga* sp., *Dryopteris fragrans*, *Pleurozium schreberi*, *Hylocomium splendens*, etc., 20.VI.2005, leg. E.V. & A.R.; 1 ♀, Mazanovskiy District, right bank of Nora River, S slope of Zmeinaya Mt. (from foot to rill) among *Alnus* sp., *Larix gmelinii*, *Picea ajanensis*, *Populus* spp., *Padus* sp. with Poaceae, *Carex* spp., *Marchantia* sp., etc., 17.VII.2005, leg. A.R.; 3 ♀♀, Meun River mouth, mosses, leaf litter and plant debris on swamp between natural levee and steep slope of bald mountain: *Spiraea* spp., *Alnus* sp., *Padus* sp., *Salix* spp., *Carex* spp., *Filipendula palmata*, etc., 09.VII.2005, leg. A.R.; 1 ♀, Selemdzha River basin, 51 km below Ekimchan, bank of Angelokit Rill, 410–420 m, shingles, sand, drift, leaf litter under *Salix* spp. and *Alnus* sp. with Poaceae, *Carex* spp., etc., 08.VIII.2005, leg. A.R.; 1 ♀, Selemdzha River basin, 5–6 km up-stream of Ekimchan, up-stream of Unerikan Rill mouth, 494 m, mosses and leaf litter in riverside forest: under *Betula* sp. and *Larix gmelinii* with Poaceae gen. spp., *Polytrichum* spp., etc., 06.VIII.2005, leg. A.R.; 3 ♀♀, Selemdzha River basin, 51 km below Ekimchan, near Angelokit Rill, 405–410 m, mosses and leaf litter on steep rocky burnt slope above rill: *Picea ajanensis*, *Abies nephrolepis*, *Hylocomium splendens*, *Pleurozium schreberi*, *Sphagnum* spp. 06.VIII.2005, leg. A.R.

**DISTRIBUTION.** Fennoscandia, Central Europe, European tundra. Throughout all Siberia: from the Urals to East Siberia, Cisokhotia, Kamchatka, Commander and Kurile Islands, Sakhalin; through the mountains of South Siberia eastward to Khabarovsk and Maritime provinces. Known from Mongolia and China. Northern Nearctic: from Alaska eastward to Newfoundland.

#### *Bathyphantes gracilis* (Blackwall, 1841)

**MATERIAL.** 1 ♂, 2 ♀♀, Nora River basin near Maltsevskiy cordon, mosses and plant debris on swampy flood-plain lake-side: *Carex* spp., *Calamagrostis* sp., *Filipendula palmata*, *Gerani-*

um sp, *Comarum palustre*, *Spiraea* sp, *Salix* sp, *Sphagnum* ?*girgensobnii*, *Sph. squarrosus*, *Polytrichum commune*, *Climacium* sp., *Iris* sp., etc., 28.VIII.2004, leg. A.R.; 2 ♂♂, N.N.R. (buffer zone), Burunda River basin, 0.5–1 km NW of Burunda cordon, plant debris and small true mosses among *Carex* spp. & Poaceae along rill bank, 12.IX.2004, leg. A.R.; 1 ♂, 1 ♀, N.N.R. (buffer zone), Burunda River basin, 1.5–2 km NW of Burunda cordon, mosses and plant debris on swamp and among sedge-gramineous tussocks in sparse growth of burnt *Betula platyphylla* and *Larix gmelinii* near Kamyshovoye Lake with *Chamaedaphne calyculata*, *Comarum palustre*, *Vaccinium uliginosum*, *Ledum palustre*, *Sphagnum* spp., *Polytrichum* sp., *Hypnum* sp., etc., 19.IX.2004, leg. A.R.; 1 ♀, Nora River basin near Maltsevskiy cordon, Maltsevskoye Lake, 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 squarrosus*, *Sph. sp.*, *Plagiomnium* sp., undergrowth of *Betula* sp., etc., 13.VI.2005, leg. E.V. & A.R.; 2 ♂♂, 1 ♀, lower reaches of Chervinka River, mosses, ferns, leaf litter, plant debris on banks of river and intermittent rill with tussocks of *Carex* spp., Poaceae, *Spiraea* spp., *Salix* spp., *Betula* ?*fruticosa*, undergrowth of *Betula platyphylla*, etc., 30.VI.2005, leg. E.V. & A.R.; 1 ♀, Nora River basin near Meunskiy cordon, mosses and plant debris among *Carex* spp., *Eriophorum* spp., Poaceae with *Sphagnum* spp. along swampy road to Dlinnoye Lake, 13.VII.2005, leg. A.R.; 2 ♂♂, Nora River basin near Meunskiy cordon, mosses, leaf litter and plant debris on swampy flood-plain of intermittent rill with *Alnus* sp, *Padus* sp, *Salix* spp., *Betula platyphylla*, *B. ?fruticosa*, Poaceae, *Carex* spp., *Ledum palustre*, *Filipendula palmata*, *Vaccinium uliginosum*, *Convallaria keiskei*, *Trientalis europaea*, *Maianthemum bifolium*, *Sphagnum squarrosus*, *Sph. ?girgensobnii*, *Sph. ?centrale*, *Sph. spp.*, *Hypnum* sp., etc., 10.VII.2005, leg. A.R.; 1 ♀, Nora River basin near Maltsevskiy cordon, Maltsevskoye Lake, mosses and leaf litter among sedge tussocks with Poaceae, *Sphagnum* spp., *Polytrichum* spp., *Hypnum* sp, *Plagiomnium* sp, *Viola* sp, *Filipendula palmata*, *Polemonium* sp., *Anemonidium dichotomum*, etc., 14.VI.2005, leg. E.V. & A.R.; 1 ♀, Nora River basin near Meunskiy cordon, mosses and plant debris on flood-plain of intermittent rill with *Alnus* sp, *Carex* spp., Poaceae, *Trientalis europaea*, *Convallaria keiskei*, *Sphagnum squarrosus*, *Sph. ?girgensobnii*, *Sph. spp.*, *Hypnum* sp., etc., 08.VII.2005, leg. A.R.; 1 ♀, Nora River below Maltsevskiy cordon, mosses and leaf litter among *Carex* spp. and Poaceae on narrow spit between the river and the lake. 10.VI.2005, leg. E.V. & A.R.; leg. E.V. & A.R.; 1 ♀, Seledmzha River basin, 1.5 km NE of Dvadsatikha cordon, mosses and leaf litter on open swamp near lake: *Carex* spp., *Eriophorum* spp., Poaceae gen. sp., *Sphagnum* spp., *Hypnum* spp., *Salix* sp., etc., 24.VI.2005, leg. E.V. & A.R.

DISTRIBUTION. Throughout Europe, including the tundra zone, Turkey, the Caucasus; in Siberia: from the Urals eastward to East Siberia, Kamchatka, Sakhalin; through the mountains of South Siberia via the Lake Baikal region eastward to Khabarovsk and Maritime provinces; known from China. Northern Nearctic: from Alaska eastward to Newfoundland.

#### *Bathyphantes jeniseicus* Eskov, 1979

MATERIAL. 1 ♂, N.N.R. (buffer zone), Burunda River basin, 0.5–1 km NW of Burunda cordon, mosses and plant debris among sedge tussocks with *Spiraea* sp., ?*Aulacomnium* sp., *Sphagnum squarrosus*, *Sph. ?girgensobnii*, small true mosses, etc., 05.X.2004, leg. A.R.; 1 ♂, Burunda River near Ozyornyi Rill mouth, Plant debris and mosses among tussocks of *Carex* spp. and Poaceae with *Spiraea* sp., *Vicia* sp., *Plagiomnium* sp. on open flood-plain depression with tracks of *Capreolus capreolus*, 01.X.2004, leg. A.R.; 1 ♂, 1 ♀, N.N.R. (buffer zone), Burunda River basin, 0.5–0.7 km NW of Burunda cordon, sedge-gramineous swamp with *Sphagnum ?girgensobnii* and true moss-

es around lake, 10.IX.2004, leg. A.R.; 1 ♀, Burunda River near Ozyornyi Rill mouth, Plant debris and mosses among tussocks of *Carex* spp. and Poaceae with *Spiraea* sp., *Vicia* sp., small true mosses on gently sloping side of small flood-plain lake, 02.X.2004, leg. A.R.; 2 ♂♂, Nora River near Maltsevskiy cordon, mosses, leaf litter, soil under *Alnus* sp., *Padus* sp., *Salix* spp. with ferns, Poaceae, *Carex* spp., etc., on clayish slumping bank, 17.VI.2005, leg. E.V. & A.R.

DISTRIBUTION. Siberia: from Yenisey River eastward to Cisokhotia, Sakhalin; Amurskaya and Khabarovsk provinces.

#### *Bathyphantes parvulus* (Westring, 1851)

MATERIAL. 1 ♀, N.N.R., lower reaches of Chervinka River, mosses, ferns, leaf litter, plant debris on banks of river and intermittent rill with tussocks of *Carex* spp., Poaceae, *Spiraea* spp., *Salix* spp., *Betula ?fruticosa*, undergrowth of *Betula platyphylla*, etc., 30.VI.2005, leg. E.V. & A.R.; 1 ♀, Nora River basin near Meunskiy cordon, N extremity of Dlinnoye Lake, mosses and leaf litter near lakeside, among *Larix gmelinii*, *Alnus* sp, *Salix* sp. with *Rosa* sp, *Spiraea* spp., Poaceae, *Carex* spp., *Filipendula palmata*, *Sphagnum squarrosus*, *Sph. spp.*, etc., 13.VII.2005, leg. A.R.; 1 ♀, Nora River basin near Meunskiy cordon, mosses and plant debris on flood-plain of intermittent rill with *Alnus* sp, *Carex* spp., Poaceae, *Trientalis europaea*, *Convallaria keiskei*, *Sphagnum squarrosus*, *Sph. ?girgensobnii*, *Sph. spp.*, *Hypnum* sp., etc., 08.VII.2005, leg. A.R.; 1 ♀, lower reaches of Chervinka River, mosses, plant debris, leaf litter on wide swamp with tussocks of *Carex* spp. and Poaceae gen. spp. with *Salix* spp., *Alnus* sp., *Betula fruticosa*, *Ledum palustre*, *Chamaedaphne calyculata*, *Vaccinium uliginosum*, undergrowth and young trees of *Betula platyphylla* and *Populus tremula*, individual trees of *Larix gmelinii*, *Sphagnum squarrosus*, *Sph. spp.*, *Polytrichum* spp., etc., 02.VII.2005, leg. E.V. & A.R.

DISTRIBUTION. Europe, in Siberia known from the Urals eastward to Yenisey River; recorded in the Lake Baikal region. Known also from China. The above are easternmost locality of the species.

#### *Carorita limnaea* (Crosby et Bishop, 1927)

MATERIAL. 1 ♂, N.N.R. (buffer zone), Burunda River basin, 0.5–0.7 km NW of Burunda cordon, sedge-gramineous swamp with *Sphagnum ?girgensobnii* and true mosses around lake, 10.IX.2004, leg. A.R.

DISTRIBUTION. Europe, including the tundra zone, widespread over Siberia from the Urals to East Siberia and Cisokhotia. Through the mountains of South Siberia eastward to Khabarovsk and Maritime provinces. Known also from Mongolia and China. Widespread in the Nearctic.

#### *Centromerus amurensis* Eskov et Marusik, 1992

MATERIAL. 1 ♀, near border of buffer zone of N.N.R., Burunda River basin, 9 km SE of Burunda cordon, mosses and leaf litter in sparse growth of burnt *Betula platyphylla* and *Larix gmelinii* with spots of *Alnus* sp., dense growth of *Ledum palustre*, *Vaccinium uliginosum*, *V. vitis-idaea* on gentle slope, 20.IX.2004, leg. A.R.; 2 ♀♀, N.N.R. (buffer zone), Burunda River basin, 2 km SE of Burunda cordon, mosses and leaf litter in slope forest with *Betula platyphylla*, sparse Poaceae, *Carex* sp., *Rhododendron* sp., etc., 26.IX.2004, leg. A.R.; 1 ♀, Mazanovskiy District, Nora River mouth, slopes of bald mountain (220–320 m), mosses and leaf litter among stones and under *Betula* spp., *Acer ukurunduense*, *Alnus* sp., *Corylus mandshurica*, *Picea ajanensis*, etc., 29.VII.2005, leg. A.R.; 2 ♀♀, Nora River basin near Meunskiy cordon, mosses and leaf litter in forest on very

gentle slope: *Betula platyphylla*, *Larix gmelinii*, *Rhododendron* sp., *Alnus* sp., *Ledum palustre*, *Vaccinium vitis-idaea*, *V. uliginosum*, *Calamagrostis* sp., *Maianthemum bifolium*, *Carex ?globularis*, *Trientalis europaea*, *Polytrichum commune*, etc., 08.VII.2005, leg. A.R.; 1 ♀, Nora River basin near Meunskiy cordon, mosses and leaf litter in forest on very gentle slope: *Betula platyphylla*, *Larix gmelinii*, *Rhododendron* sp., *Alnus* sp., *Ledum palustre*, *Vaccinium vitis-idaea*, *V. uliginosum*, *Calamagrostis* sp., *Maianthemum bifolium*, *Carex ?globularis*, *Trientalis europaea*, *Polytrichum commune*, etc., 10.VII.2005, leg. A.R.

DISTRIBUTION. Amurskaya, Khabarovsk and Maritime provinces.

#### *Centromerus pacificus* Eskov et Marusik, 1992

MATERIAL. 1 ♀, N.N.R., Nora River basin near Meunskiy cordon, mosses and plant debris in forest at rill valley: *Betula platyphylla*, *Larix gmelinii*, *Rhododendron* sp., *Alnus* sp., *Ledum palustre*, *Vaccinium vitis-idaea*, *Calamagrostis* sp., *Maianthemum bifolium*, *Carex ?globularis*, *Trientalis europaea*, *Polytrichum commune*, etc., 16.VIII.2004, leg. A.R.; 1 ♂, right bank of Meun River near mouth, mosses and litter in spruce forest with *Maianthemum bifolium*, *Trientalis europaea*, *Equisetum pratense*, *Hylocomium splendens*, *Pleurozium schreberi*, etc., 18.VIII.2004, leg. A.R.; 1 ♀, Selemdzha River basin, Aldikon River bank near Norsk, leaf litter under *Salix* spp. near water, 05.IX.2004, leg. A.R.; 3 ♂♂, 5 ♀♀, Nora River basin near Maltsevskiy cordon, in rotten wood and under bark of aspen and birch stumps, 01.IX.2004, leg. A.R.; 1 ♂, Nora River near Maltsevskiy cordon, mosses and leaf litter under *Alnus* sp., *Padus* sp., *Betula platyphylla*, undergrowth of *Populus tremula* with *Spiraea* spp., *Filipendula palmata*, *Carex* spp., Poaceae, *Rosa* sp., *Convallaria keiskei*, ferns on natural levee, 29.VIII.2004, leg. A.R.; 1 ♂, Nora River basin near Maltsevskiy cordon, leaf litter under *Populus tremula*, *Betula platyphylla*, *Padus* sp. with Poaceae, *Equisetum sylvaticum*, *Spiraea* sp., *Maianthemum bifolium*, *Polygonatum* sp., ferns near flood-plain lake, 30.VIII.2004, leg. A.R.; 1 ♂, N.N.R. (buffer zone), Burunda River basin, 4.5 km NW of Burunda cordon, mosses and leaf litter in slope forest under *Betula platyphylla*, *Larix gmelinii* with *Ledum palustre*, *Rhododendron* sp., *Alnus* sp., *Pleurozium schreberi*, *Hylocomium splendens*, etc., 14.IX.2004, leg. A.R.; 1 ♀, lower reaches of Chervinka River, mosses, ferns, leaf litter, plant debris on banks of river and intermittent rill with tussocks of *Carex* spp., Poaceae, *Spiraea* spp., *Salix* spp., *Betula ?fruticosa*, undergrowth of *Betula platyphylla*, etc., 30.VI.2005, leg. E.V. & A.R.; 1 ♀, Mazanovskiy District, Nora River mouth, slopes of bald mountain (220–320 m), mosses and leaf litter among stones and under *Betula* spp., *Acer ukurunduense*, *Alnus* sp., *Corylus mandshurica*, *Picea ajanensis*, etc., 29.VII.2005, leg. A.R.; 1 ♀, Nora River basin near Maltsevskiy cordon, Maltsevskoye Lake, mosses and leaf litter among sedge and graminaceous 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., and also leaf litter among tussocks in young birch forest with *Alnus* sp., *Spiraea* spp., *Filipendula palmata*, *Carex* spp., Poaceae, etc., 14.VI.2005, leg. E.V. & A.R.; 1 ♀, Nora River basin near Meunskiy cordon, mosses and leaf litter in forest on very gentle slope: *Betula platyphylla*, *Larix gmelinii*, *Rhododendron* sp., *Alnus* sp., *Ledum palustre*, *Vaccinium vitis-idaea*, *V. uliginosum*, *Calamagrostis* sp., *Maianthemum bifolium*, *Carex ?globularis*, *Trientalis europaea*, *Polytrichum commune*, etc., 08.VII.2005, leg. A.R.; 1 ♀, N.N.R. (buffer zone), right side of Meun River near mouth, mosses and litter in *Picea ajanensis* forest with *Abies nephrolepis* and *Populus* spp., *Maianthemum bifolium*, *Trientalis europaea*, *Equisetum pratense*, *E. sylvaticum*, *Hylocomium splendens*, *Pleurozium schreberi*, etc., 11.VI.2005, leg. A.R.

DISTRIBUTION. East Siberia, Cisokhotia; South Siberia: Sayan; Amurskaya, Khabarovsk and Maritime provinces, Sakhalin.

#### *Ceraticelus orientalis* Eskov, 1987

MATERIAL. 2 ♀♀, near border of buffer zone of N.N.R., Burunda River basin, 9 km SE of Burunda cordon, mosses and leaf litter in sparse growth of burnt *Betula platyphylla* and *Larix gmelinii* with spots of *Alnus* sp., dense growth of *Ledum palustre*, *Vaccinium uliginosum*, *V. vitis-idaea* on gentle slope, 20.IX.2004, leg. A.R.; 1 ♀, N.N.R. (buffer zone), Burunda River basin, 2.5 km SE of Burunda cordon, mosses and plant debris on large burnt swamp with *Vaccinium uliginosum*, *Ledum palustre*, *Chamaedaphne calyculata*, *Eriophorum* sp., *Carex* sp., Poaceae, *Betula ovalifolia*, *Sphagnum squarrosum*, *Sph.* spp., *Polytrichum* sp., *Hypnum* sp., small true mosses, etc., 23.IX.2004, leg. A.R.; 2 ♀♀, Selemdzha River basin, 5–6 km up-stream of Ekimchan, up-stream of Unerikan Rill mouth, 494–500 m, mosses, litter and sweeping near lakeside: *Carex* spp., Poaceae gen. spp., *Eriophorum* sp., *Ledum palustre*, *Chamaedaphne calyculata*, *Vaccinium uliginosum*, 04.VIII.2005, leg. A.R.

DISTRIBUTION. Cisokhotia, Kamchatka, Lake Baikal region, Amurskaya and Khabarovsk provinces, Sakhalin.

#### *Ceratinella brevis* (Wider, 1834)

MATERIAL. 2 ♂♂, 1 ♀, N.N.R., Nora River basin near Meunskiy cordon, sparse mosses and leaf litter under *Betula platyphylla* and *Larix gmelinii* with *Calamagrostis* sp. and *Trientalis europaea* in flood-plain forest with hillocks, 13.VIII.2004, leg. A.R.; 1 ♂, Selemdzha River basin, 2 km NE of Dvadtsatikha cordon, open swamp near lakeside: plant debris and sparse mosses among tussocks with *Carex* spp., Poaceae, *Salix* spp., etc., 09.VIII.2004, leg. A.R.; 2 ♂♂, 1 ♀, Nora River basin near Meunskiy cordon, mosses and plant debris among *Carex* spp. & Poaceae with *Comarum palustre*, *Sphagnum squarrosum*, *Sph.* spp., *Aulacomnium* sp. and other true mosses near side of flood-plain lake and swampy road, 13.VIII.2004, leg. A.R.; 5 ♂♂, 6 ♀♀, Nora River basin near Meunskiy cordon, leaf litter and mosses under *Betula platyphylla*, *Alnus* sp., *Larix gmelinii*, *Populus tremula*, *Rhododendron* sp. with *Vaccinium vitis-idaea*, *Maianthemum bifolium*, *Trientalis europaea*, *Carex ?globularis*, Poaceae, sparse *Polytrichum commune* on flat crest of low bald mount, 14.VIII.2004, leg. A.R.; 1 ♂, N.N.R. (buffer zone), Burunda River basin, 1.5 km NW of Burunda cordon, plant debris among *Carex* sp. under sparse *Alnus* sp. with young growth of *Larix gmelinii* along rill bank near road, 18.IX.2004, leg. A.R.; 1 ♂, Burunda River near Ozyorniy Rill mouth, mosses and plant debris among sedge-gramineous tussocks on very gentle slope near intermittent channel: *Carex* spp., *Calamagrostis* sp., *Polytrichum* sp. and other true mosses, *Spiraea* sp., etc., 27.VII.2004, leg. A.R.; 2 ♀♀, N.N.R. (buffer zone), Burunda River basin, 2.5 km SE of Burunda cordon, leaf litter under *Larix gmelinii* and *Betula platyphylla* with *Ledum palustre*, *Rhododendron* sp., *Vaccinium vitis-idaea*, *Equisetum sylvaticum* in burnt forest on gentle slope, 23.IX.2004, leg. A.R.; 4 ♂♂, 3 ♀♀, Nora River, 0.5 km up-stream of Mt. Gryashchinskaya, mosses and leaf litter under *Betula platyphylla* and *Larix gmelinii* with *Calamagrostis* sp., *Equisetum sylvaticum*, *E. pratense*, *Maianthemum bifolium*, *Polygonatum* sp. in burnt forest along river bank, 27.VIII.2004, leg. A.R.; 1 ♂, Nora River basin, 1.5 km up-stream of Mt. Gryashchinskaya, mosses and plant debris on open swamp along lake side: tussocks of *Carex* spp. and Poaceae with *Sphagnum ?girgensobnii*, *Sph. ?angustifolium*, *Sph. ?magellanicum*, *Sph. squarrosum*, *Sph.* spp., *Chamaedaphne calyculata*, *Vaccinium uliginosum*, sparse *Ledum palustre*, *Salix* sp., *Betula ?fruticosa*, etc., 24.VIII.2004, leg. A.R.; 2 ♂♂, 1 ♀, Nora River, Mt. Gryashchinskaya, mosses and leaf litter on steep rocky slope with *Betula platyphylla*, *Alnus* sp., *Sorbus sibirica*, *Swida alba*, undergrowth of *Acer ukurunduense*, *Pleurozium schreberi*, *Hylocomium splendens*, *Dicranum* sp., *Ptilium crista-castrensis*, *Sphagnum ?girgensobnii*, *Dryopteris fragrans*, etc., 25.VIII.2004, leg. A.R.; 2 ♀♀, Nora River basin near Maltsevskiy cordon, in leaf litter under *Betula platyphylla* and *Populus tremula* with *Maianthemum bifolium*, *Convallaria keiskei*,



*Equisetum sylvaticum*, etc., 01.IX.2004, leg. A.R.; 4 ♂♂, 3 ♀♀, 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. on narrow, partly submerged, spit between river and lake, 02.IX.2004, leg. A.R.; 1 ♂, 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. on narrow, partly submerged, spit between river and lake, 03.IX.2004, leg. A.R.; 1 ♂, Burunda River near Ozyornyi Rill mouth, mosses and plant debris among sedge-gramineous tussocks on very gentle slope near intermittent channel: *Carex* spp., *Calamagrostis* sp., *Polytrichum* sp. and other true mosses, *Spiraea* sp., etc., 28.IX.2004, leg. A.R.; 1 ♂, 3 ♀♀, Nora River near Maltsevskiy cordon, mosses and leaf litter under *Alnus* sp., *Padus* sp., *Betula platyphylla*, undergrowth of *Populus tremula* with *Spiraea* spp., *Filipendula palmata*, *Carex* spp., Poaceae, *Rosa* sp., *Convallaria keiskei*, ferns on natural levee, 29.VIII.2004, leg. A.R.; 1 ♀, near border of buffer zone of N.N.R., Burunda River basin, 9 km SE of Burunda cordon, mosses and leaf litter in sparse growth of burnt *Betula platyphylla* and *Larix gmelinii* with spots of *Alnus* sp., dense growth of *Ledum palustre*, *Vaccinium uliginosum*, *V. vitis-idaea* on gentle slope, 20.IX.2004, leg. A.R.; 1 ♂, 2 ♀♀, N.N.R. (buffer zone), Burunda River basin, 2.5 km SE of Burunda cordon, small true mosses and plant debris among *Carex* spp. on sand, small shingles and clay along dried ephemeral stream near border of complex swamp, 21.IX.2004, leg. A.R.; 3 ♂♂, 4 ♀♀, lower reaches of Chervinka River, mosses, ferns, leaf litter, plant debris on banks of river and intermittent rill with tussocks of *Carex* spp., Poaceae, *Spiraea* spp., *Salix* spp., *Betula ?fruticosa*, undergrowth of *Betula platyphylla*, etc., 30.VI.2005, leg. E.V. & A.R.; 1 ♀, Seledmzha River basin near Dvadsatikh cordon, mosses, leaf litter, plant debris among tussocks of *Carex* spp. and Poaceae with *Filipendula palmata*, *Trollius* sp., *Anemonidium dichotomum*, *Geranium* sp., *Iris* sp., *Spiraea* spp., *Alnus* sp. on side of a small lake and swamp on high flood-plain of Seledmzha River, 23.VI.2005, leg. E.V. & A.R.; 7 ♂♂, 4 ♀♀, Nora River, Mt. Gryashchinskaya, mosses and leaf litter among rock debris near foot of slope: *Betula platyphylla*, *Alnus* sp., *Sorbus sibirica*, *Swida alba*, undergrowth of *Acer ukurunduense*, *Pleurozium schreberi*, *Hylocomium splendens*, *Dicranum* sp., *Ptilium crista-castrensis*, *Sphagnum ?girgensohnii*, *Dryopteris fragrans*, etc., 21.VII.2005, leg. A.R.; 1 ♀, Nora River near Maltsevskiy cordon, mosses, leaf litter, soil under *Alnus* sp., *Padus* sp., *Salix* spp. with ferns, Poaceae, *Carex* spp., etc., on clayish slumping bank, 17.VI.2005, leg. E.V. & A.R.; 1 ♂, 1 ♀, Nora River basin near Meunskiy cordon, mosses, leaf litter and plant debris on swampy flood-plain of intermittent rill with *Alnus* sp., *Padus* sp., *Salix* spp., *Betula platyphylla*, *B. ?fruticosa*, Poaceae, *Carex* spp., *Ledum palustre*, *Filipendula palmata*, *Vaccinium uliginosum*, *Convallaria keiskei*, *Trientalis europaea*, *Maianthemum bifolium*, *Sphagnum squarrosum*, *Sph. ?girgensohnii*, *Sph. ?centrale*, *Sph.* spp., *Hypnum* sp., etc., 10.VII.2005, leg. A.R.; 1 ♂, Nora River basin near Meunskiy cordon, mosses and plant debris on flood-plain of intermittent rill with *Alnus* sp., *Carex* spp., Poaceae, *Trientalis europaea*, *Convallaria keiskei*, *Sphagnum squarrosum*, *Sph. ?girgensohnii*, *Sph.* spp., *Hypnum* sp., etc., 08.VII.2005, leg. A.R.; 1 ♂, 1 ♀, lower reaches of Chervinka River, mosses, plant debris, leaf litter on wide swamp with tussocks of *Carex* spp. and Poaceae gen. spp. with *Salix* spp., *Alnus* sp., *Betula fruticosa*, *Ledum palustre*, *Chamaedaphne calyculata*, *Vaccinium uliginosum*, undergrowth and young trees of *Betula platyphylla* and *Populus tremula*, individual trees of *Larix gmelinii*, *Sphagnum squarrosum*, *Sph.* spp., *Polytrichum* spp., etc., 02.VII.2005, leg. E.V. & A.R.; 1 ♀, Meun River mouth, leaf litter under *Betula platyphylla*, *Abies nephrolepis*, *Picea ajanensis*, *Populus tremula* with Poaceae gen. spp., *Carex* spp., Fabaceae gen. spp., *Filipendula palmata*, *Equisetum sylvaticum*, *Rosa* sp. on natural levee, 09.VII.2005, leg. A.R.

DISTRIBUTION. Widespread in Europe, known from the Crimea, the Caucasus and Middle Asia. In Siberia: from the Urals to Cisokhotia, Kamchatka. Through the mountains

of South Siberia eastward to Khabarovsk and Maritime provinces, Sakhalin. Known from Mongolia, China and Japan.

REMARKS. All specimens of *C. brevis* from the Amurskaya and Khabarovsk provinces, as well as from other parts of East Siberia are devoid of a dorsal abdominal scutum, while the genitalia of the European and East Siberian populations of *C. brevis* show no clear differences. This requires further studies. NOTE: a male specimen of *C. brevis* from the Maritime Prov. has a dorsal scutum (1 ♂, Lazovsky Reserve, Sokol'chi village, *Corilus* leaf litter, 09.VI.1980, leg. S.V. Murzin).

### *Ceratinella wideri* (Thorell, 1871)

MATERIAL. 1 ♀, N.N.R., right bank of Meun River near mouth, mosses and litter in spruce forest with *Maianthemum bifolium*, *Trientalis europaea*, *Equisetum pratense*, *Hylocomium splendens*, *Pleurozium schreberi*, etc., 18.VIII.2004, leg. A.R.; 1 ♀, Seledmzha River basin, 2 km NE of Dvadsatikh cordon, open swamp near lakeside: plant debris and sparse mosses among tussocks with *Carex* spp., Poaceae, *Salix* spp., etc., 09.VIII.2004, leg. A.R.; 1 ♀, Nora River, Mt. Gryashchinskaya, mosses and leaf litter on steep rocky slope with *Betula platyphylla*, *Alnus* sp., *Sorbus sibirica*, *Swida alba*, undergrowth of *Acer ukurunduense*, *Pleurozium schreberi*, *Hylocomium splendens*, *Dicranum* sp., *Ptilium crista-castrensis*, *Sphagnum ?girgensohnii*, *Dryopteris fragrans*, etc., 25.VIII.2004, leg. A.R.; 1 ♀, N.N.R. (buffer zone), Burunda River basin, 1 km NW of Burunda cordon, mosses and leaf litter in swampy forest with tussocks and old stumps ("graveyard forest") on very gentle slope near rill bank: *Larix gmelinii*, *Alnus* sp., *Betula platyphylla*, *Calamagrostis* sp., *Carex* sp., *Rubus arcticus*, *Convallaria keiskei*, *Sphagnum squarrosum*, *Sph. ?girgensohnii*, *Sph.* sp., *Ptilium crista-castrensis*, *Hylocomium splendens*, *Dicranum* sp., etc., 12.IX.2004, leg. A.R.; 1 ♀, N.N.R. (buffer zone), Burunda River basin, 4.5 km NW of Burunda cordon, mosses and leaf litter in slope forest under *Betula platyphylla*, *Larix gmelinii* with *Ledum palustre*, *Rhododendron* sp., *Alnus* sp., *Pleurozium schreberi*, *Hylocomium splendens*, etc., 14.IX.2004, leg. A.R.; 1 ♀, near border of buffer zone of N.N.R., Burunda River basin, 9 km SE of Burunda cordon, mosses and leaf litter in sparse growth of burnt *Betula platyphylla* and *Larix gmelinii* with spots of *Alnus* sp., dense growth of *Ledum palustre*, *Vaccinium uliginosum*, *V. vitis-idaea* on gentle slope, 20.IX.2004, leg. A.R.; 1 ♀, N.N.R. (buffer zone), Burunda River basin, 4 km NW of Burunda cordon, mosses and leaf litter on very gentle slope with *Larix gmelinii*, *Alnus* sp., *Ledum palustre*, undergrowth of *Betula platyphylla*, *Hylocomium splendens*, *Dicranum* sp., etc., 08.X.2004, leg. A.R.

DISTRIBUTION. Widespread in Europe, in Siberia known from the Urals eastward to Chukotka, Cisokhotia; from eastern Kazakhstan through the mountains of South Siberia eastward to Khabarovsk Prov. Recorded in Mongolia and Middle Asia.

### *Cnephalocotes obscurus* (Blackwall, 1834)

MATERIAL. 1 ♀, N.N.R., Nora River basin near Meunskiy cordon, mosses and plant debris among *Carex* spp., *Eriophorum* spp., Poaceae with *Sphagnum* spp. along swampy road to Dlinnoye Lake, 13.VII.2005, leg. A.R.; 1 ♂, Seledmzha River basin, 51 km below Ekimchan, bank of Angelokit Rill, 410–420 m, shingles, sand, drift, leaf litter under *Salix* spp. and *Alnus* sp. with Poaceae, *Carex* spp. 08.VIII.2005, leg. A.R.

DISTRIBUTION. Widespread in Europe, including the tundra zone; in Siberia known from the Urals to East Siberia, Cisokhotia. Through eastern Kazakhstan via the mountains of South Siberia eastward to Khabarovsk Prov., recorded also in Sakhalin. Known from the Nearctic (Canada).

*Concavocephalus rubens* Eskov, 1989

**MATERIAL.** 3 ♀♀, N.N.R., Nora River basin near Meunskiy cordon, mosses and plant debris at flood-plain of a rill: *Alnus* sp., *Carex* spp., Poaceae, *Trientalis europaea*, *Convallaria keiskei*, *Sphagnum squarrosum*, *Sph.* spp., *Hypnum* sp., etc., 15.VIII.2004, leg. A.R.; 1 ♂, 5 ♀♀, Selemdzha River basin, 2 km NE of Dvadsatikha cordon, open swamp near lakeside: plant debris and sparse mosses among tussocks with *Carex* spp., Poaceae, *Salix* spp., etc., 09.VIII.2004, leg. A.R.; 1 ♀, Nora River basin near Meunskiy cordon, mosses and plant debris among *Carex* spp. & Poaceae with *Comarum palustre*, *Sphagnum squarrosum*, *Sph.* spp., *Aulacomnium* sp. and other true mosses near side of flood-plain lake and swampy road, 13.VIII.2004, leg. A.R.; 1 ♂, 2 ♀♀, N.N.R. (buffer zone), Burunda River basin, 0.5 km NW of Burunda cordon, moss and plant debris at edge of swamp: tussocks of Poaceae with *Carex* sp., young growth of *Betula* sp., *Salix* sp., *Spiraea* spp., and small true mosses, 07.X.2004, leg. A.R.; 2 ♀♀, N.N.R. (buffer zone), Burunda River basin, 1 km SE of Burunda cordon, mosses and plant debris among sedge tussocks on wide *Carex-Eriophorum*-gramineous swamp with small true mosses, *Sphagnum squarrosum*, *Sph.* sp., *Ledum palustre*, *Vaccinium uliginosum*, sparse *Salix* sp., young growth of *Betula* sp., etc., 21.IX.2004, leg. A.R.; 1 ♂, N.N.R. (buffer zone), Burunda River basin, 1.5 km NW of Burunda cordon, plant debris among tussocks of *Carex* spp. under sparse *Alnus* sp. with young growth of *Larix gmelinii* along rill bank near road, 17.IX.2004, leg. A.R.; 1 ♂, 1 ♀, Nora River, 0.5 km up-stream of Mt. Gryashchinskaya, mosses and leaf litter under *Betula platyphylla* and *Larix gmelinii* with *Calamagrostis* sp., *Equisetum sylvaticum*, *E. pratense*, *Maianthemum bifolium*, *Polygonatum* sp. in burnt forest along river bank, 27.VIII.2004, leg. A.R.; 3 ♀♀, N.N.R. (buffer zone), Burunda River basin, 1 km SE of Burunda cordon, moss and leaf litter among sedge-gramineous tussocks and under young growth of *Betula* sp. on wide open swamp, 04.X.2004, leg. A.R.; 1 ♂, 5 ♀♀, N.N.R. (buffer zone), Burunda River basin, 1.5–2 km NW of Burunda cordon, mosses and plant debris on swamp and among sedge-gramineous tussocks in sparse growth of burnt *Betula platyphylla* and *Larix gmelinii* near Kamyshevoye Lake with *Chamaedaphne calyculata*, *Comarum palustre*, *Vaccinium uliginosum*, *Ledum palustre*, *Sphagnum* spp., *Polytrichum* sp., *Hypnum* sp., etc., 19.IX.2004, leg. A.R.; 2 ♀♀, Nora River near Maltsevskiy cordon, mosses and leaf litter under *Padus* sp. with Poaceae, *Carex* spp., *Equisetum sylvaticum*, undergrowth of *Populus tremula* in depression behind natural levee, 15.VI.2005, leg. E.V. & A.R.; 6 ♀♀, lower reaches of Chervinka River, mosses, ferns, leaf litter, plant debris on banks of river and intermittent rill with tussocks of *Carex* spp., Poaceae, *Spiraea* spp., *Salix* spp., *Betula ?fruticosa*, undergrowth of *Betula platyphylla*, etc., 30.VI.2005, leg. E.V. & A.R.; 1 ♀, Nora River basin near Meunskiy cordon, mosses and plant debris among *Carex* spp., *Eriophorum* spp., Poaceae with *Sphagnum* spp. along swampy road to Dlinnoye Lake, 13.VII.2005, leg. A.R.; 1 ♀, Nora River basin near Meunskiy cordon, mosses, leaf litter and plant debris on swampy flood-plain of intermittent rill with *Alnus* sp., *Padus* sp., *Salix* spp., *Betula platyphylla*, *B. ?fruticosa*, Poaceae, *Carex* spp., *Ledum palustre*, *Filipendula palmata*, *Vaccinium uliginosum*, *Convallaria keiskei*, *Trientalis europaea*, *Maianthemum bifolium*, *Sphagnum squarrosum*, *Sph. ?girsensobnii*, *Sph. ?centrale*, *Sph.* spp., *Hypnum* sp., etc., 10.VII.2005, leg. A.R.; 1 ♀, Nora River basin near Maltsevskiy cordon, Maltsevskoye Lake, mosses and leaf litter among sedge tussocks with Poaceae, *Sphagnum* spp., *Polytrichum* spp., *Hypnum* sp., *Plagiomnium* sp., *Viola* sp., *Filipendula palmata*, *Polemonium* sp., *Anemoidium dichotomum*, etc., 14.VI.2005, leg. E.V. & A.R.; 1 ♀, Nora River basin near Meunskiy cordon, mosses and plant debris on flood-plain of intermittent rill with *Alnus* sp., *Carex* spp., Poaceae, *Trientalis europaea*, *Convallaria keiskei*, *Sphagnum squarrosum*, *Sph. ?girsensobnii*, *Sph.* spp., *Hypnum* sp., etc., 08.VII.2005, leg. A.R.; 1 ♀, Nora River basin near Maltsevskiy cordon, Maltsevskoye Lake, mosses and leaf litter among sedge and gramineous tussocks with *Spiraea* spp., *Salix* sp., *Filipendula palmata*, *Iris* sp., *Anemoidium dichotomum*, *Maian-*

*themum bifolium*, *Polytrichum* spp., *Hypnum* sp., *Sphagnum squarrosum*, *Sph.* sp., *Plagiomnium* sp., undergrowth of *Betula* sp., etc., and also leaf litter among tussocks in young birch forest with *Alnus* sp., *Spiraea* spp., *Filipendula palmata*, *Carex* spp., Poaceae, etc., 14.VI.2005, leg. E.V. & A.R.; 2 ♀♀, lower reaches of Chervinka River, mosses, plant debris, leaf litter on wide swamp with tussocks of *Carex* spp. and Poaceae gen. spp. with *Salix* spp., *Alnus* sp., *Betula fruticosa*, *Ledum palustre*, *Chamaedaphne calyculata*, *Vaccinium uliginosum*, undergrowth and young trees of *Betula platyphylla* and *Populus tremula*, individual trees of *Larix gmelinii*, *Sphagnum squarrosum*, *Sph.* spp., *Polytrichum* spp., etc., 02.VII.2005, leg. E.V. & A.R.

**DISTRIBUTION.** Siberia: from Yenisey River to East Siberia, Cisokhotia. Throughout the mountains of South Siberia via the Lake Baikal region eastward to Khabarovsk Prov. Known from Sakhalin.

*Dactylopiastes video* (Chamberlin et Ivie, 1947)

**MATERIAL.** 1 ♂, N.N.R., Burunda River bank, 2.5 km below Burunda cordon, on soil, in organic drift on wet sand, and in plant debris among *Carex* spp. and Poaceae under *Salix* sp. along base of shingle-sandy spit, 15.IX.2004, leg. A.R.; 1 ♂, 2 ♀♀, Burunda River, 2–3 km up-stream of Burunda cordon, shingle-sandy spit: among shingles and in leaf litter under *Salix* sp. with Poaceae, *Dianthus* sp., etc., 24.IX.2004, leg. A.R.; 2 ♂♂, N.N.R. (buffer zone), Burunda River, 1 km below Burunda cordon, mosses (*Plagiomnium* sp. etc.) and leaf litter under *Salix* sp. with Poaceae, *Carex* sp., *Filipendula palmata*, *Pyrola* sp. along base of shingle-sandy spit, 25.IX.2004, leg. A.R.

**REMARKS.** Two male specimens from the last locality mentioned above have carapace different in shape.

**DISTRIBUTION.** European tundra; Siberia: from the Urals to Chukotka, Cisokhotia, Kamchatka, the Kurile Islands, Sakhalin. Through the mountains of South Siberia via the Lake Baikal region eastward to Maritime Prov. In the Nearctic: Alaska, Yukon.

*Dicymbium libidinosum* (Kulczyński, 1926)

**MATERIAL.** 1 ♀, N.N.R., right bank of Nora River near Meunskiy cordon, shingles, silt, clay, mosses and leaf litter under *Salix* sp. and *Alnus* sp., 20.VIII.2004, leg. A.R.; 1 ♀, rill (left confluent of Nora River) up-stream of Mt. Gryashchinskaya, true mosses and plant debris among *Carex* spp., Poaceae, *Alnus* sp., *Padus* sp., *Salix* sp., etc., 26.VIII.2004, leg. A.R.; 1 ♂, shingle-clayish right bank of Nora River under rocky denudation at foot of Ostraya Mt. and bank of old channel: loam, stones with *Carex* spp., Poaceae, undergrowth of *Salix* sp., *Chosenia arbutifolia*, *Alnus* sp., *Padus* sp., etc., 23.VIII.2004, leg. A.R.; 1 ♂, 1 ♀, 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. on narrow, partly submerged, spit between river and lake, 02.IX.2004, leg. A.R.; 1 ♀, 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. on narrow, partly submerged, spit between river and lake, 03.IX.2004, leg. A.R.; 1 ♀, N.N.R. (buffer zone), Burunda River basin, 0.5–0.7 km NW of Burunda cordon, sedge-gramineous swamp with *Sphagnum ?girsensobnii* and true mosses around lake, 10.IX.2004, leg. A.R.; 1 ♀, near border of N.N.R., left side of Selemdzha River opposite Dvadsatikha cordon, fold of small rill, mosses and leaf litter near rill and on fallen trees and stones in rill channel, among *Alnus* sp., *Padus* sp., *Corylus mandshurica*, *Tilia amurensis*, *Acer ukurunduense*, *Betula platyphylla*, *B. davurica*, *Picea ajanensis*, *Abies nephrolepis*, etc., 28.VI.2005, leg. E.V. & A.R.; 1 ♀, Nora River, bank of Sorokavyorstnaya channel, under foot of rocky NE slope of Maltsevskaya Mt.: leaf litter under *Alnus* sp., *Salix* spp., *Populus* sp., *Padus* sp., 12.VI.2005, leg. E.V. & A.R.; 1 ♀, Nora River near

Maltsevskiy cordon, mosses, leaf litter, soil under *Alnus* sp., *Padus* sp., *Salix* spp. with ferns, Poaceae, *Carex* spp., etc., on clayish slumping bank. 17.VI.2005, leg. E.V. & A.R.; 1 ♀, Selemdzha River basin, 51 km below Ekimchan, bank of Angelokit Rill, 410–420 m, shingles, sand, drift, leaf litter under *Salix* spp. and *Alnus* sp. with Poaceae, *Carex* spp., etc., 08.VIII.2005, leg. A.R.; 1 ♀, Nora River below Maltsevskiy cordon, leaf litter under *Salix* spp. and *Alnus* sp. on narrow, partly submerged, spit between the river and the lake, 10.VI.2005, leg. E.V. & A.R.

DISTRIBUTION. Siberia: from Yenisey River eastward to Cisokhotia; Kamchatka, Sakhalin; Amurskaya, Khabarovsk and Maritime provinces. Known also from China.

#### *Diplocentria bidentata* (Emerton, 1882)

MATERIAL. 2 ♀♀, N.N.R. (buffer zone), Burunda River basin, 4 km NW of Burunda cordon, mosses and leaf litter on very gentle slope with *Larix gmelinii*, *Alnus* sp., *Ledum palustre*, undergrowth of *Betula platyphylla*, *Hylocomium splendens*, *Dicranum* sp., etc., 08.X.2004, leg. A.R.

DISTRIBUTION. Northern Europe; Siberia: from the Urals to East Siberia, Cisokhotia, Kamchatka, the Kurile Islands, Sakhalin. Through the mountains of South Siberia via the Lake Baikal region eastward to Maritime Prov. Known from Mongolia and China. Widespread in the Nearctic.

#### *Diplocephalus subrostratus* (O. Pickard-Cambridge, 1873)

MATERIAL. 6 ♂♂, 2 ♀♀, near border of N.N.R., left side of Selemdzha River opposite Dvadsatikha cordon, mosses, leaf litter and plant debris on and under rocky denudation: *Alnus* sp., *Salix* spp., *Picea ajanensis*, *Abies nephrolepis*, *Tilia amurensis*, *Betula platyphylla*, *B. davurica*, *Populus tremula*, *Oxalis acetosella*, *Dryopteris fragrans*, *Matteuccia struthiopteris*, *Pleurozium schreberi*, *Hylocomium splendens*, etc., 05.VIII.2004, leg. A.R.; 1 ♂, right bank of Nora River near Meunskiy cordon, shingles, silt, clay, mosses and leaf litter under *Salix* sp. and *Alnus* sp., 20.VIII.2004, leg. A.R.; 2 ♀♀, Selemdzha River, Burundushka River mouth, mosses and leaf litter under *Tilia amurensis*, *Alnus* sp., *Acer ukurunduense*, *Betula platyphylla* with *Rosa* sp., *Calamagrostis* sp., *Equisetum* sp., *Maianthemum bifolium*, *Thalictrum* sp., *Spiraea* sp., *Oxalis acetosella* on natural levee, 03.VIII.2004, leg. A.R.; 1 ♂, 1 ♀, Selemdzha River basin, Aldikon River bank near Norsk, leaf litter under *Salix* spp. near water, 05.IX.2004, leg. A.R.; 5 ♀♀, 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. on narrow, partly submerged, spit between river and lake, 02.IX.2004, leg. A.R.; 1 ♂, 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. on narrow, partly submerged, spit between river and lake, 03.IX.2004, leg. A.R.; 2 ♀♀, Nora River near Maltsevskiy cordon, mosses and leaf litter under *Alnus* sp., *Padus* sp., *Betula platyphylla*, undergrowth of *Populus tremula* with *Spiraea* spp., *Filipendula palmata*, *Carex* spp., Poaceae, *Rosa* sp., *Convallaria keiskei*, ferns on natural levee, 29.VIII.2004, leg. A.R.; 1 ♂, Nora River, bank of Sorokavyorstnaya channel, under foot of rocky NE slope of Maltsevskaya Mt.: leaf litter under *Alnus* sp., *Salix* spp., *Populus* sp., *Padus* sp., 12.VI.2005, leg. E.V. & A.R.; 2 ♀♀, Meun River mouth, steep slope of Ust'-Meunskaya Mt., mosses and leaf litter on rocks and at their foot: ferns, *Acer ukurunduense*, *Padus* sp., etc., 14.VII.2005, leg. A.R.; 2 ♀♀, near border of N.N.R., left side of Selemdzha River opposite Dvadsatikha cordon, mosses and leaf litter in riverside forest under rocky denudation: *Alnus* sp., *Salix* spp., *Abies nephrolepis*, *Padus* sp., *Betula platyphylla*, *B. daburica*, *Acer ukurunduense*, *Corylus mandshurica*, *Ulmus* sp., *Matteuccia struthiopteris*, *Oxalis aceto-*

*sella*, *Adoxa* sp., *Schisandra chinensis*, *Trientalis europaea*, Liliaceae gen. spp., *Saxifraga* sp., *Dryopteris fragrans*, *Pleurozium schreberi*, *Hylocomium splendens*, etc., 20.VI.2005, leg. E.V. & A.R.; 1 ♀, Mazanovskiy District, right bank of Nora River, S slope of Zmeinaya Mt. (from foot to rill) among *Alnus* sp., *Larix gmelinii*, *Picea ajanensis*, *Populus* spp., *Padus* sp. with Poaceae, *Carex* spp., *Marchantia* sp., etc., 17.VII.2005, leg. A.R.; 1 ♀, Mazanovskiy District, right bank of Nora River, channel of intermittent rill in fold of Ostraya Mt., mosses and leaf litter under *Padus* sp., *Alnus* sp., *Acer ukurunduense*, *Betula platyphylla*, etc., 23.VII.2005, leg. A.R.; 1 ♀, Meun River mouth, leaf litter under *Betula platyphylla*, *Abies nephrolepis*, *Picea ajanensis*, *Populus tremula* with Poaceae gen. spp., *Carex* spp., Fabaceae gen. spp., *Filipendula palmata*, *Equisetum sylvaticum*, *Rosa* sp. on natural levee, 09.VII.2005, leg. A.R.; 1 ♀, N.N.R. (buffer zone), right side of Meun River near mouth, mosses and litter in *Picea ajanensis* forest with *Abies nephrolepis* and *Populus* spp., *Maianthemum bifolium*, *Trientalis europaea*, *Equisetum pratense*, *E. sylvaticum*, *Hylocomium splendens*, *Pleurozium schreberi*, etc., 11.VII.2005, leg. A.R.

DISTRIBUTION. Northeastern Europe; in Siberia: from the Urals eastward to Chukotka, Cisokhotia, Kamchatka, the Kurile Islands, Sakhalin. Through the mountains of South Siberia via the Lake Baikal region eastward to Maritime Prov. Known from Mongolia and China. Widespread in the Nearctic.

#### *Dismodicus bifrons* (Blackwall, 1841)

MATERIAL. 1 ♂, 1 ♀, N.N.R., Selemdzha River basin near Dvadsatikha cordon, leaf litter and mosses in sparse forest with *Betula daburica*, *Larix gmelinii*, young *Corylus mandshurica* and *Tilia amurensis*, Poaceae gen. spp., *Carex* spp., *Iris* sp., *Pteridium aquilinum* and other ferns, *Equisetum pratense*, *Rubus arcticus*, *Filipendula palmata*, *Chamaenerion angustifolium*, *Sanguisorba* sp., Fabaceae gen. spp., *Fragaria* sp., *Rosa* sp., *Geranium* sp., *Dictamnus dasycarpus*, etc., 27.VI.2005, leg. E.V. & A.R.

DISTRIBUTION. Widespread in Europe, including the tundra zone; in Siberia known from the Urals eastward to Chukotka; through the mountains of South Siberia via the Lake Baikal region eastward to Khabarovsk Prov.; known also from Mongolia.

#### *Epibellowsia pacifica* (Eskov et Marusik, 1992)

MATERIAL. 3 ♀♀, N.N.R., right bank of Meun River near mouth, mosses and litter in spruce forest with *Maianthemum bifolium*, *Trientalis europaea*, *Equisetum pratense*, *Hylocomium splendens*, *Pleurozium schreberi*, etc., 18.VIII.2004, leg. A.R.; 2 ♀♀, Selemdzha River, Burundushka River mouth, mosses and leaf litter under *Tilia amurensis*, *Alnus* sp., *Acer ukurunduense*, *Betula platyphylla* with *Rosa* sp., *Calamagrostis* sp., *Equisetum* sp., *Maianthemum bifolium*, *Thalictrum* sp., *Spiraea* sp., *Oxalis acetosella* on natural levee, 03.VIII.2004, leg. A.R.; 1 ♀, Nora River near Meun River mouth, moss and leaf litter under *Picea ajanensis* and *Betula platyphylla* with *Maianthemum bifolium*, *Trientalis europaea*, Poaceae, *Polygonatum* sp., ferns on natural levee, 21.VIII.2004, leg. A.R.; 1 ♀, Nora River, Mt. Gryashchinskaya, mosses and leaf litter on steep rocky slope with *Betula platyphylla*, *Alnus* sp., *Sorbus sibirica*, *Swida alba*, undergrowth of *Acer ukurunduense*, *Pleurozium schreberi*, *Hylocomium splendens*, *Dicranum* sp., *Ptilium crista-castrensis*, *Sphagnum ?girgensohnii*, *Dryopteris fragrans*, etc., 25.VIII.2004, leg. A.R.; 3 ♀♀, near border of N.N.R., left side of Selemdzha River opposite Dvadsatikha cordon, fold of small rill, mosses and leaf litter under *Abies nephrolepis* and *Picea ajanensis* on slope with *Maianthemum bifolium*, *Trientalis europaea*, *Equisetum pratense*, *Eq. sylvaticum*, *Oxalis acetosella*, *Mitella nuda*, etc., 28.VI.2005, leg. E.V. & A.R.; 1 ♀, Mazanovskiy District, right bank of Nora River below Ostraya Mt., mosses and leaf litter under *Alnus* sp., *Padus* sp., *Spiraea* sp. with *Matteuccia struthiopteris*, Poaceae,

*Carex* spp. on high bank of river, 23.VII.2005, leg. A.R.; 1 ♀, Mazanovskiy District, right bank of Nora River, steep NE slopes of Ostraya Mt., mosses and leaf litter among *Populus* spp., *Larix gmelinii*, *Betula platyphylla*, *Alnus* spp., *Padus* sp., *Rhododendron* sp., ?*Sedum* sp., *Saxifraga* sp., *Equisetum* sp., ferns, etc., 20.VII.2005, leg. A.R.; 1 ♀, near border of N.N.R., left side of Seledzha River opposite Dvadsatkha cordon, mosses and leaf litter in riverside forest under rocky denudation: *Alnus* sp., *Salix* spp., *Abies nephrolepis*, *Padus* sp., *Betula platyphylla*, *B. daburica*, *Acer ukurunduense*, *Corylus mandshurica*, *Ulmus* sp., *Matteuccia struthiopteris*, *Oxalis acetosella*, *Adoxa* sp., *Schisandra chinensis*, *Trientalis europaea*, Liliaceae gen. spp., *Saxifraga* sp., *Dryopteris fragrans*, *Pleurozium schreberi*, *Hylocomium splendens*, etc., 20.VI.2005, leg. E.V. & A.R.; 3 ♂♂, 6 ♀♀, N.N.R. (buffer zone), right side of Meun River near mouth, mosses and litter in *Picea ajanensis* forest with *Abies nephrolepis* and *Populus* spp., *Maianthemum bifolium*, *Trientalis europaea*, *Equisetum pratense*, *E. sylvaticum*, *Hylocomium splendens*, *Pleurozium schreberi*, etc., 11.VII.2005, leg. A.R.

DISTRIBUTION. Lake Baikal region, Amurskaya and Khabarovsk provinces.

#### *Erigone atra* Blackwall, 1833

MATERIAL. 1 ♀, 1 ♀, Nora River basin, 1.5 km up-stream of Mt. Gryashchinskaya, moss and plant debris on *Carex-Eriophorum* swamp with *Chamaedaphne calyculata*, gramineous admixture, *Comarum palustre*, *Salix* sp., *Vaccinium uliginosum*, *Sphagnum* spp., etc., 25.VIII.2004, leg. A.R.

DISTRIBUTION. All over the Holarctic.

#### *Erigone capra* Simon, 1884

MATERIAL. 1 ♂, N.N.R., Nora River basin near Meunskiy cordon, mosses and plant debris among *Carex* spp. & Poaceae with *Comarum palustre*, *Sphagnum squarrosum*, *Sph.* spp., *Aulacomnium* sp. and other true mosses near side of flood-plain lake and swampy road. 13.VIII.2004, leg. A.R.; 1 ♀, Nora River basin, 1.5 km up-stream of Mt. Gryashchinskaya, moss and plant debris on *Carex-Eriophorum* swamp with *Chamaedaphne calyculata*, gramineous admixture, *Comarum palustre*, *Salix* sp., *Vaccinium uliginosum*, *Sphagnum* spp., etc., 25.VIII.2004, leg. A.R.; 1 ♀, Nora River below Maltsevskiy cordon, leaf litter under *Salix* spp. and *Alnus* sp. on narrow, partly submerged, spit between the river and the lake, 10.VI.2005, leg. E.V. & A.R.

DISTRIBUTION. Widespread in Europe, including the tundra zone, known from the Caucasus. Through the mountains of South Siberia via the Lake Baikal region to Khabarovsk Prov., the Kurile Islands, Sakhalin.

#### *Erigone hypoarctica* Eskov, 1989

MATERIAL. 1 ♂, 1 ♀, N.N.R. (buffer zone), Burunda River, 1 km below Burunda cordon, mosses (*Plagiomnium* sp. etc.) and leaf litter under *Salix* sp. with Poaceae, *Carex* sp., *Filipendula palmata*, *Pyrola* sp. along base of shingle-sandy spit, 25.IX.2004, leg. A.R.

DISTRIBUTION. European tundra, all Siberia from the Urals to Chukotka; Cisokhotia, Sakhalin; mountains of South Siberia: Tuva and Sayan; Amurskaya and Khabarovsk provinces.

#### *Gnathonarium dentatum* (Wider, 1834)

MATERIAL. 1 ♂, 1 ♀, N.N.R. (buffer zone), Burunda River, 1 km below Burunda cordon, mosses (*Plagiomnium* sp. etc.) and leaf litter under *Salix* sp. with Poaceae, *Carex* sp., *Filipendula palmata*, *Pyrola* sp. along base of shingle-sandy spit, 25.IX.2004,

leg. A.R.; 1 ♀, Burunda River near Ozyorniy Rill mouth, Plant debris and mosses among tussocks of *Carex* spp. and Poaceae with *Spiraea* sp., *Vicia* sp., small true mosses on gently sloping side of small flood-plain lake, 02.X.2004, leg. A.R.

DISTRIBUTION. Widespread in Europe, known from the Caucasus, Turkey, Iran, Middle Asia. In Siberia it recorded from West and Middle Siberia, Kamchatka, the Kurile Islands, Sakhalin; the mountains of South Siberia: Tuva, Sayan, Lake Baikal region; Amurskaya, Khabarovsk and Maritime provinces. Known from Mongolia, China and Japan.

#### *Gnathonarium taczanowskii* (O. Pickard-Cambridge, 1873)

MATERIAL. 3 ♂♂, 1 ♀, N.N.R., rill (left confluent of Nora River) up-stream of Mt. Gryashchinskaya, true mosses and plant debris among *Carex* spp., Poaceae, *Alnus* sp., *Padus* sp., *Salix* sp., etc., 26.VIII.2004, leg. A.R.; 1 ♀, N.N.R. (buffer zone), Burunda River basin, Meunchik River bank near railway bridge (6 km NW of Burunda cordon), mosses and plant debris on stones near water and among *Carex* spp. and Poaceae with *Spiraea* sp., 14.IX.2004, leg. A.R.; 1 ♀, shingle-clayish right bank of Nora River under rocky denudation at foot of Ostraya Mt. and bank of old channel: loam, stones with *Carex* spp., Poaceae, undergrowth of *Salix* sp., *Chosenia arbutifolia*, *Alnus* sp., *Padus* sp., etc., 23.VIII.2004, leg. A.R.; 1 ♂, 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. on narrow, partly submerged, spit between river and lake, 02.IX.2004, leg. A.R.; 2 ♂♂, 3 ♀♀, near border of buffer zone of N.N.R., Burunda River basin, loamy bank of Meunchik River, 500–700 m up-stream of mouth, on soil, in mosses and plant debris among *Carex* spp., Poaceae, *Filipendula palmata* under *Alnus* sp., *Salix* sp., and *Spiraea* sp., 16.IX.2004, leg. A.R.

DISTRIBUTION. Siberia from the Urals to Chukotka, Cisokhotia, Kamchatka, Commandor Islands, Sakhalin; mountains of South Siberia, Amurskaya, Khabarovsk and Maritime provinces. Known also from Mongolia and China (under different names).

#### *Gonatum rubens* (Blackwall, 1833)

MATERIAL. 1 ♂, N.N.R., Nora River basin near Maltsevskiy cordon, mosses and plant debris on swampy flood-plain lakeside: *Carex* spp., *Calamagrostis* sp., *Filipendula palmata*, *Geranium* sp., *Comarum palustre*, *Spiraea* sp., *Salix* sp., *Sphagnum ?girgensohnii*, *Sph. squarrosum*, *Polytrichum commune*, *P.* sp., *Climacium* sp., *Iris* sp., etc., 28.VIII.2004, leg. A.R.; 1 ♂, N.N.R. (buffer zone), Burunda River basin, Meunchik River bank near railway bridge (6 km NW of Burunda cordon), mosses and plant debris on stones near water and among *Carex* spp. and Poaceae with *Spiraea* sp., 14.IX.2004, leg. A.R.

DISTRIBUTION. Widespread in Europe, including the tundra zone, registered from the Caucasus and Middle Asia. In Siberia distributed from the Urals eastward to Chukotka, Cisokhotia, Sakhalin; from eastern Kazakhstan through the mountains of South Siberia via the Lake Baikal region eastward to Khabarovsk and Maritime provinces. Recorded also in Mongolia and Japan.

#### *Hilaira devitata* Eskov, 1987

MATERIAL. 1 ♂, N.N.R., Nora River basin near Meunskiy cordon, mosses and plant debris at flood-plain of a rill: *Alnus* sp., *Carex* spp., Poaceae, *Trientalis europaea*, *Convallaria keiskei*, *Sphagnum squarrosum*, *Sph.* spp., *Hypnum* sp., etc., 15.VIII.2004, leg. A.R.; 1 ♂, 3 ♀♀, N.N.R. (buffer zone), Burunda River basin, 0.5–1 km NW of Burunda cordon, plant debris and small true

mosses among *Carex* spp. & Poaceae along rill bank, 12.IX.2004, leg. A.R.; 1 ♀, N.N.R. (buffer zone), Burunda River basin near Burunda cordon, plant debris and mosses on swampy sides of flood-plain lake: *Carex* spp., Poaceae, *Spiraea* sp., sparse *Climacium* sp., *Hypnum* sp., *Sphagnum* sp., *Polytrichum* sp., etc., 09.IX.2004, leg. A.R.; 30 ♂♂ & ♀♀, N.N.R. (buffer zone), Burunda River basin, 0.5–0.7 km NW of Burunda cordon, sedge-gramineous swamp with *Sphagnum* ?*girgensohnii* and true mosses around lake, 10.IX.2004, leg. A.R.; 1 ♂, 1 ♀, N.N.R. (buffer zone), Burunda River basin, 1.5–2 km NW of Burunda cordon, mosses and plant debris on swamp and among sedge-gramineous tussocks in sparse growth of burnt *Betula platyphylla* and *Larix gmelinii* near Kamyshovoye Lake with *Chamaedaphne calyculata*, *Comarum palustre*, *Vaccinium uliginosum*, *Ledum palustre*, *Sphagnum* spp., *Polytrichum* sp., *Hypnum* sp., etc., 19.IX.2004, leg. A.R.; 1 ♀, Nora River basin near Meunskiy cordon, mosses, leaf litter and plant debris on swampy flood-plain of intermittent rill with *Alnus* sp., *Padus* sp., *Salix* spp., *Betula platyphylla*, B. ?*fruticosa*, Poaceae, *Carex* spp., *Ledum palustre*, *Filipendula palmata*, *Vaccinium uliginosum*, *Convallaria keiskei*, *Trientalis europaea*, *Maianthemum bifolium*, *Sphagnum squarrosum*, *Sph.* ?*girgensohnii*, *Sph.* ?*centrale*, *Sph.* spp., *Hypnum* sp., etc., 10.VII.2005, leg. A.R.; 1 ♀, Meun River mouth, mosses, leaf litter and plant debris on swamp between natural levee and steep slope of bald mountain: *Spiraea* spp., *Alnus* sp., *Padus* sp., *Salix* spp., *Carex* spp., *Filipendula palmata*, etc., 09.VII.2005, leg. A.R.; 1 ♂, 1 ♀, Nora River basin near Meunskiy cordon, mosses and plant debris on flood-plain of intermittent rill with *Alnus* sp., *Carex* spp., Poaceae, *Trientalis europaea*, *Convallaria keiskei*, *Sphagnum squarrosum*, *Sph.* ?*girgensohnii*, *Sph.* spp., *Hypnum* sp., etc., 08.VII.2005, leg. A.R.

DISTRIBUTION. Middle and East Siberia; Amurskaya, Khabarovsk and Maritime provinces.

#### *Hilaira pelikena* Eskov, 1987

MATERIAL. 1 ♂, N.N.R., Nora River basin near Meunskiy cordon, mosses and plant debris at flood-plain of a rill: *Alnus* sp., *Carex* spp., Poaceae, *Trientalis europaea*, *Convallaria keiskei*, *Sphagnum squarrosum*, *Sph.* spp., *Hypnum* sp., etc., 18.VIII.2004, leg. A.R.; 1 ♀, Burunda River near Ozyorniy Rill mouth, mosses and plant debris among sedge-gramineous tussocks on very gentle slope near intermittent channel: *Carex* spp., *Calamagrostis* sp., *Polytrichum* sp. and other true mosses, *Spiraea* sp., etc., 27.IX.2004, leg. A.R.; 1 ♀, Nora River basin near Meun River mouth, small swamp with *Carex* spp., Poaceae & *Sphagnum squarrosum*, 20.VIII.2004, leg. A.R.; 1 ♀, N.N.R. (buffer zone), Burunda River basin near Burunda cordon, plant debris and mosses (+sweeping) on swampy sides of flood-plain lake: *Carex* spp., Poaceae, *Spiraea* sp., sparse *Climacium* sp., *Hypnum* sp., *Sphagnum* sp., *Polytrichum* sp., etc., 09.IX.2004, leg. A.R.; 1 ♂, 6 ♀♀, N.N.R. (buffer zone), Burunda River, 1 km below Burunda cordon, mosses (*Plagiomnium* sp. etc.) and leaf litter under *Salix* sp. with Poaceae, *Carex* sp., *Filipendula palmata*, *Pyrola* sp. along base of shingle-sandy spit, 25.IX.2004, leg. A.R.

DISTRIBUTION. Known from Chukotka. The above are the southwesternmost locality of the species.

#### *Hilaira sibirica* Eskov, 1987

MATERIAL. 1 ♀, Amurskaya Area, Selemdzhinsky District, Selemdzha River basin, 51 km below Ekimchan, bank of Angelokit Rill, 410–420 m, shingles, sand, drift, leaf litter under *Salix* spp. and *Alnus* sp. with Poaceae, *Carex* spp., etc., 08.VIII.2005, leg. A.R.; 2 ♀♀, Selemdzha River basin, 5–6 km up-stream of Ekimchan, Unerikan Rill, 1–2 km up-stream of mouth, 490 m, mosses and leaf litter in forest and on open bank of rill: *Abies nephrolepis*, *Picea ajanensis*, *Larix gmelinii*, *Betula* sp., *Hylacomium splendens*, *Pleurozium schreberi*, *Sphagnum squarrosum*, *Sph.* ?*girgensohnii*, *Sph.* spp., Poaceae, *Equisetum* spp., etc., 05.VIII.2005, leg. A.R.

DISTRIBUTION. Siberia: from Yenisey River eastward to Chukotka, Cisokhotia. Mountains of South Siberia: Tuva, Sayan; Amurskaya and Khabarovsk provinces.

#### *Hilaira syrojeczkovskii* Eskov, 1981

MATERIAL. 1 ♂, 8 ♀♀, N.N.R. (buffer zone), Burunda River, 1 km below Burunda cordon, mosses (*Plagiomnium* sp. etc.) and leaf litter under *Salix* sp. with Poaceae, *Carex* sp., *Filipendula palmata*, *Pyrola* sp. along base of shingle-sandy spit, 25.IX.2004, leg. A.R.

DISTRIBUTION. Siberia: from Yenisey River eastward to Chukotka, Cisokhotia; Amurskaya and Khabarovsk provinces.

#### *Holminaria prolata* (O. Pickard-Cambridge, 1873)

MATERIAL. 2 ♀♀, Amurskaya Area, Mazanovskiy District, right bank of Nora River below Ostraya Mt., mosses and leaf litter under *Alnus* sp., *Padus* sp., *Spiraea* sp. with *Matteuccia struthiopteris*, Poaceae, *Carex* spp. on high bank of river, 23.VII.2005, leg. A.R.; 2 ♂♂, 2 ♀♀, Selemdzha River basin, 51 km below Ekimchan, bank of Angelokit Rill, 410–420 m, shingles, sand, drift, leaf litter under *Salix* spp. and *Alnus* sp. with Poaceae, *Carex* spp., etc., 08.VIII.2005, leg. A.R.

DISTRIBUTION. Siberia: from Yenisey River eastward to Kolyma River basin, Cisokhotia. Mountains of South Siberia: Tuva, Sayan; Amurskaya and Khabarovsk provinces, Sakhalin.

#### *Holminaria sibirica* Eskov, 1991

MATERIAL. 2 ♀♀, near border of N.N.R., island on Selemdzha River near Dvadtsatikha cordon, leaf litter, moss and drift in the heart of the island: among *Salix* spp., *Populus* sp., *Picea ajanensis*, *Abies nephrolepis*, *Alnus* sp., *Larix gmelinii* with Poaceae, *Carex* sp., etc., 06.VIII.2004, leg. A.R.; 1 ♂, Selemdzha River basin, Aldikon River bank near Norsk, leaf litter under *Salix* spp. near water, 05.IX.2004, leg. A.R.; 1 ♂, 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. on narrow, partly submerged, spit between river and lake, 03.IX.2004, leg. A.R.

DISTRIBUTION. Middle Siberia, Lake Baikal region, Amurskaya, Khabarovsk and Maritime provinces, Sakhalin. Known also from China.

#### *Hylyphantes graminicola* (Sundevall, 1830)

MATERIAL. 1 ♂, 2 ♀♀, Amurskaya Area, Selemdzhinsky District, Selemdzha River basin, Aldikon River bank near Norsk, leaf litter under *Salix* spp. near water, 05.IX.2004, leg. A.R.; 4 ♂♂, 2 ♀♀, N.N.R. (buffer zone), Burunda River, 1 km below Burunda cordon, mosses (*Plagiomnium* sp. etc.) and leaf litter under *Salix* sp. with Poaceae, *Carex* sp., *Filipendula palmata*, *Pyrola* sp. along base of shingle-sandy spit, 25.IX.2004, leg. A.R.

DISTRIBUTION. Throughout the Palaearctic.

#### *Hylyphantes nigrinus* (Simon, 1881)

MATERIAL. 1 ♂, N.N.R., Nora River basin near Maltsevskiy cordon, Maltsevskoye Lake, mosses and leaf litter among sedge and gramineous tussocks with *Spiraea* spp., *Salix* sp., *Filipendula palmata*, *Iris* sp., *Anemoidium dichotomum*, *Maianthemum bifolium*, *Polytrichum* spp., *Hypnum* sp., *Sphagnum squarrosum*, *Sph.* sp., *Plagiomnium* sp., undergrowth of *Betula* sp., etc., 13.VI.2005, leg. E.V. & A.R.; 1 ♂, near border of N.N.R., island on Selemdzha River near Dvadtsatikha cordon, on

shingle bed, 21.VI.2005, leg. E.V. & A.R.; 1 ♂, Seledzha River basin, 1.5 km NE of Dvadsatikhya cordon, mosses and leaf litter on open swamp near lake: *Carex* spp., *Eriophorum* spp., Poaceae gen. sp., *Sphagnum* spp., *Hypnum* spp., *Salix* sp., etc., 24.VI.2005, leg. E.V. & A.R.; 1 ♀, lower reaches of Chervinka River, sweeping on wide swamp with tussocks of *Carex* spp. and Poaceae gen. spp. with *Salix* spp., *Ahnus* sp., *Betula fruticosa*, *Ledum palustre*, *Chamaedaphne calyculata*, *Vaccinium uliginosum*, undergrowth and young trees of *Betula platyphylla* and *Populus tremula*, individual trees of *Larix gmelinii*, *Sphagnum squarrosum*, *Sph.* spp., *Polytrichum* spp., etc., 02.VII.2005, leg. E.V. & A.R.

**DISTRIBUTION.** Widespread in Europe, the Caucasus, the Urals. Eastern Kazakhstan, throughout the mountains of South Siberia via the Lake Baikal region to Khabarovsk and Maritime provinces, the Kurile Islands, Sakhalin. Known from China.

#### *Hypomma bituberculatum* (Wider, 1834)

**MATERIAL.** 1 ♀, N.N.R., rill (left confluent of Nora River) up-stream of Mt. Gryashchinskaya, true mosses and plant debris among *Carex* spp., Poaceae, *Ahnus* sp., *Padus* sp., *Salix* sp., etc., 26.VIII.2004, leg. A.R.; 1 ♀, Burunda River near Ozyornyi Rill mouth, mosses and plant debris among sedge-gramineous tussocks on very gentle slope near intermittent channel: *Carex* spp., *Calamagrostis* sp., *Polytrichum* sp. and other true mosses, *Spiraea* sp., etc., 28.IX.2004, leg. A.R.; 3 ♀♀, Nora River near Maltsevskiy cordon, mosses, leaf litter, soil under *Ahnus* sp., *Padus* sp., *Salix* spp. with ferns, Poaceae, *Carex* spp., etc., on clayish slumping bank, 17.VI.2005, leg. E.V. & A.R.; 1 ♂, 1 ♀, Nora River basin near Meunskiy cordon, mosses, leaf litter and plant debris on swampy flood-plain of intermittent rill with *Ahnus* sp., *Padus* sp., *Salix* spp., *Betula platyphylla*, *B. ?fruticosa*, Poaceae, *Carex* spp., *Ledum palustre*, *Filipendula palmata*, *Vaccinium uliginosum*, *Convallaria keiskei*, *Trientalis europaea*, *Maianthemum bifolium*, *Sphagnum squarrosum*, *Sph. ?girsensobnii*, *Sph. ?centrale*, *Sph.* spp., *Hypnum* sp., etc., 10.VII.2005, leg. A.R.; 1 ♀, Nora River below Maltsevskiy cordon, mosses and leaf litter among *Carex* spp. and Poaceae on narrow spit between the river and the lake, 10.VI.2005, leg. E.V. & A.R.; 1 ♀, Seledzha River basin near Dvadsatikhya cordon, leaf litter and mosses in sparse forest with *Betula daburica*, *Larix gmelinii*, undergrowth of *Corylus mandshurica* and *Tilia amurensis*, motley grass, *Polytrichum* sp. (old fire-site) and under bark of dead *Betula daburica*, 27.VI.2005, leg. E.V. & A.R.; 2 ♀♀, Seledzha River basin near Dvadsatikhya cordon, leaf litter and mosses in sparse forest with *Betula davurica*, *Larix gmelinii*, young *Corylus mandshurica* and *Tilia amurensis*, Poaceae gen. spp., *Carex* spp., *Iris* sp., *Pteridium aquilinum* and other ferns, *Equisetum pratense*, *Rubus arcticus*, *Filipendula palmata*, *Chamaenerion angustifolium*, *Sanguisorba* sp., Fabaceae gen. spp., *Fragaria* sp., *Rosa* sp., *Geranium* sp., *Dictamnus dasycarpus*, etc., 27.VI.2005, leg. E.V. & A.R.

**DISTRIBUTION.** Throughout the Palearctic.

#### *Hypselistes australis* Saito et Ono, 2001

**MATERIAL.** 1 ♀, N.N.R., lower reaches of Chervinka River, mosses, ferns, leaf litter, plant debris on banks of river and intermittent rill with tussocks of *Carex* spp., Poaceae, *Spiraea* spp., *Salix* spp., *Betula ?fruticosa*, undergrowth of *Betula platyphylla*, etc., 30.VI.2005, leg. E.V. & A.R.; 2 ♀♀, Nora River near Maltsevskiy cordon, mosses, leaf litter, soil under *Ahnus* sp., *Padus* sp., *Salix* spp. with ferns, Poaceae, *Carex* spp., etc., on clayish slumping bank, 17.VI.2005, leg. E.V. & A.R.; 1 ♀, near Dvadsatikhya cordon, sweeping on open swamp with *Carex* spp., Poaceae, *Salix* spp., *Spiraea* spp., *Filipendula palmata*, *Iris* sp., *Valeriana* sp., etc., 19.VI.2005, leg. E.V. & A.R.; 1 ♀, Seledzha River basin, 1.5 km NE of Dvadsatikhya cordon, mosses and leaf litter on open swamp near lake: *Carex* spp., *Eriophorum* spp., Poaceae gen. sp., *Sphagnum* spp., *Hypnum* spp., *Salix* sp., etc., 24.VI.2005, leg. E.V. & A.R.; 1 ♀, near Dvadsatikhya

cordon, leaf litter and mosses in sparse forest with *Betula davurica*, *Larix gmelinii*, young *Corylus mandshurica* and *Tilia amurensis*, Poaceae gen. spp., *Carex* spp., *Iris* sp., *Pteridium aquilinum* and other ferns, *Equisetum pratense*, *Rubus arcticus*, *Filipendula palmata*, *Chamaenerion angustifolium*, *Sanguisorba* sp., Fabaceae gen. spp., *Fragaria* sp., *Rosa* sp., *Geranium* sp., *Dictamnus dasycarpus*, etc., 27.VI.2005, leg. E.V. & A.R.; 1 ♀, lower reaches of Chervinka River, sweeping on wide swamp with tussocks of *Carex* spp. and Poaceae gen. spp. with *Salix* spp., *Ahnus* sp., *Betula fruticosa*, *Ledum palustre*, *Chamaedaphne calyculata*, *Vaccinium uliginosum*, undergrowth and young trees of *Betula platyphylla* and *Populus tremula*, individual trees of *Larix gmelinii*, *Sphagnum squarrosum*, *Sph.* spp., *Polytrichum* spp., etc., 02.VII.2005, leg. E.V. & A.R.

**DISTRIBUTION.** Known only from Japan. **This is a species new to the Russian fauna.**

#### *Hypselistes jacksoni* (O. Pickard-Cambridge, 1902)

**MATERIAL.** 1 ♀, N.N.R. (buffer zone), Burunda River basin, 0.5–1 km NW of Burunda cordon, mosses and plant debris among sedge tussocks with *Spiraea* sp., *?Aulacomnium* sp., *Sphagnum squarrosum*, *Sph. ?girsensobnii*, small true mosses, etc., 05.X.2004, leg. A.R.; 1 ♀, Nora River basin near Meun River mouth, small swamp with *Carex* spp., Poaceae & *Sphagnum squarrosum*, 20.VIII.2004, leg. A.R.

**DISTRIBUTION.** Northern Europe and the Caucasus, all Siberia from the Urals to Chukotka and Wrangel Island, Cisokhotia, Kamchatka. From eastern Kazakhstan via the mountains of South Siberia eastward to Khabarovsk and Maritime provinces; known from Mongolia and China. In the Nearctic, recorded in Alaska and Saskatchewan.

#### *Hypselistes semiflavus* (L.Koch, 1879)

**MATERIAL.** 1 ♂, N.N.R., Nora River basin near Maltsevskiy cordon, mosses and plant debris on swampy flood-plain lakeside: *Carex* spp., *Calamagrostis* sp., *Filipendula palmata*, *Geranium* sp., *Comarum palustre*, *Spiraea* sp., *Salix* sp., *Sphagnum ?girsensobnii*, *Sph. squarrosum*, *Polytrichum commune*, *P. sp.*, *Climacium* sp., *Iris* sp., etc., 28.VIII.2004, leg. A.R.; 1 ♂, 2 ♀♀, Seledzha River basin, 3–4 km up-stream of Norsk, mosses and plant debris on sides of drainage lakes (dammed rill), *Carex* spp., Poaceae, *Filipendula palmata*, *Iris* sp., *Spiraea* sp., ferns, motley grass, 07.IX.2004, leg. A.R.; 1 ♂, Burunda River bank, 2.5 km below Burunda cordon, on soil, in organic drift on wet sand, and in plant debris among *Carex* spp. and Poaceae under *Salix* spp. along base of shingle-sandy spit, 15.IX.2004, leg. A.R.; 1 ♂, 2 ♀♀, Burunda River near Ozyornyi Rill mouth, mosses and plant debris among sedge-gramineous tussocks on very gentle slope near intermittent channel: *Carex* spp., *Calamagrostis* sp., *Polytrichum* sp. and other true mosses, *Spiraea* sp., etc., 28.IX.2004, leg. A.R.; 2 ♂♂, 1 ♀, N.N.R. (buffer zone), Burunda River basin near Burunda cordon, plant debris and mosses on swampy sides of flood-plain lake: *Carex* spp., Poaceae, *Spiraea* sp., sparse *Climacium* sp., *Hypnum* sp., *Sphagnum* sp., *Polytrichum* sp., etc., 09.IX.2004, leg. A.R.; 1 ♂, Burunda River near Ozyornyi Rill mouth, plant debris and mosses among tussocks of *Carex* spp. and Poaceae with *Spiraea* sp., *Vicia* sp., small true mosses on gently sloping side of small flood-plain lake, 02.X.2004, leg. A.R.

**DISTRIBUTION.** Northeastern part of Europe (tundra), the Urals; Siberia from Yamal Peninsula to Cisokhotia, Kamchatka, the Kurile Islands, mountains of South Siberia, Amurskaya, Khabarovsk and Maritime provinces. In the Nearctic known from Yukon Territories.

#### *Incestophantes obtusus* Tanasevitch, 1996

**MATERIAL.** 1 ♀, N.N.R., right bank of Nora River, Ostraya Mt., mosses and leaf litter on rocky denudation, 23.VIII.2004, leg. A.R.

**DISTRIBUTION.** South Siberia: Tuva; Amurskaya and Khabarovsk provinces. Known from Mongolia and China (as *I. kochiellus*).

*Kaestneria pullata* (O. Pickard-Cambridge, 1863)

**MATERIAL.** 1 ♀, N.N.R., Nora River basin near Meunskiy cordon, mosses and plant debris at flood-plain of a rill: *Alnus* sp., *Carex* spp., Poaceae, *Trientalis europaea*, *Convallaria keiskei*, *Sphagnum squarrosum*, *Sph.* spp., *Hyppnum* sp., etc., 18.VIII.2004, leg. A.R.; 1 ♀, rill (left confluent of Nora River) up-stream of Mt. Gryashchinskaya, true mosses and plant debris among *Carex* spp., Poaceae, *Alnus* sp., *Padus* sp., *Salix* sp., etc., 26.VIII.2004, leg. A.R.; 2 ♂♂, 2 ♀♀, Nora River near Maltsevskiy cordon, mosses, leaf litter, soil under *Alnus* sp., *Padus* sp., *Salix* spp. with ferns, Poaceae, *Carex* spp., etc., on clayish slumping bank, 17.VI.2005, leg. E.V. & A.R.; 2 ♀♀, Nora River basin near Meunskiy cordon, mosses, leaf litter and plant debris on swampy flood-plain of intermittent rill with *Alnus* sp., *Padus* sp., *Salix* spp., *Betula platyphylla*, *B. ?fruticosa*, Poaceae, *Carex* spp., *Ledum palustre*, *Filipendula palmata*, *Vaccinium uliginosum*, *Convallaria keiskei*, *Trientalis europaea*, *Maianthemum bifolium*, *Sphagnum squarrosum*, *Sph. ?girgensobnii*, *Sph. ?centrale*, *Sph.* spp., *Hyppnum* sp., etc., 10.VII.2005, leg. A.R.; 1 ♂, Mazanovskiy District, right bank of Nora River, S slope of Zmeinaya Mt. (from foot to rill) among *Alnus* sp., *Larix gmelinii*, *Picea ajanensis*, *Populus* spp., *Padus* sp. with Poaceae, *Carex* spp., *Marchantia* sp., etc., 17.VII.2005, leg. A.R.; 1 ♀, Meun River mouth, mosses, leaf litter and plant debris on swamp between natural levee and steep slope of bald mountain: *Spiraea* spp., *Alnus* sp., *Padus* sp., *Salix* spp., *Carex* spp., *Filipendula palmata*, etc., 09.VII.2005, leg. A.R.; 1 ♂, lower reaches of Chervinka River, mosses, plant debris, leaf litter on wide swamp with tussocks of *Carex* spp. and Poaceae gen. spp. with *Salix* spp., *Alnus* sp., *Betula fruticosa*, *Ledum palustre*, *Chamaedaphne calyculata*, *Vaccinium uliginosum*, undergrowth and young trees of *Betula platyphylla* and *Populus tremula*, individual trees of *Larix gmelinii*, *Sphagnum squarrosum*, *Sph.* spp., *Polytrichum* spp., etc., 02.VII.2005, leg. E.V. & A.R.

**DISTRIBUTION.** Throughout the Holarctic.

*Lasiargus hirsutus* (Menge, 1869)

**MATERIAL.** 1 ♀, N.N.R. (buffer zone), Burunda River basin, 1.5–2 km NW of Burunda cordon, mosses and plant debris on swamp and among sedge-gramineous tussocks in sparse growth of burnt *Betula platyphylla* and *Larix gmelinii* near Kamyshevoye Lake with *Chamaedaphne calyculata*, *Comarum palustre*, *Vaccinium uliginosum*, *Ledum palustre*, *Sphagnum* spp., *Polytrichum* sp., *Hyppnum* sp., etc., 19.IX.2004, leg. A.R.

**DISTRIBUTION.** Europe, registered from the Crimea, the Caucasus and Middle Asia. In Siberia distributed from the Urals to Cisokhotia, Kamchatka; through the mountains of South Siberia eastward to Khabarovsk Prov. Known from Mongolia.

*Lophomma cognatum* Holm, 1960

**MATERIAL.** 1 ♂, 1 ♀, N.N.R., Nora River basin near Meunskiy cordon, mosses and plant debris at flood-plain of a rill: *Alnus* sp., *Carex* spp., Poaceae, *Trientalis europaea*, *Convallaria keiskei*, *Sphagnum squarrosum*, *Sph.* spp., *Hyppnum* sp., etc., 18.VIII.2004, leg. A.R.; 1 ♀, Nora River basin near Meunskiy cordon, mosses and plant debris at flood-plain of a rill: *Alnus* sp., *Carex* spp., Poaceae, *Trientalis europaea*, *Convallaria keiskei*, *Sphagnum squarrosum*, *Sph.* spp., *Hyppnum* sp., etc., 15.VIII.2004, leg. A.R.; 1 ♂, N.N.R. (buffer zone), Burunda River basin, 0.5–1 km NW of Burunda cordon, plant debris and small true mosses among *Carex* spp. & Poaceae along rill bank, 12.IX.2004, leg. A.R.; 1 ♀, N.N.R. (buffer zone), Burunda River basin, 1.5 km

NW of Burunda cordon, plant debris among tussocks of *Carex* spp. under sparse *Alnus* sp. with young growth of *Larix gmelinii* along rill bank near road, 17.IX.2004, leg. A.R.; 1 ♂, Selemdzha River basin, 3–4 km up-stream of Norsk, mosses and plant debris on sides of drainage lakes (dammed rill), *Carex* spp., Poaceae, *Filipendula palmata*, *Iris* sp., *Spiraea* sp., ferns, motley grass, 07.IX.2004, leg. A.R.; 1 ♀, N.N.R. (buffer zone), Burunda River basin, 1.5 km NW of Burunda cordon, plant debris among *Carex* sp. under sparse *Alnus* sp. with young growth of *Larix gmelinii* along rill bank near road, 18.IX.2004, leg. A.R.; 10 ♂♂ & ♀♀, N.N.R. (buffer zone), Burunda River basin, 1 km SE of Burunda cordon, moss and leaf litter among sedge-gramineous tussocks and under young growth of *Betula* sp. on wide open swamp, 04.X.2004, leg. A.R.; 3 ♂♂, 4 ♀♀, Burunda River near Ozyorniy Rill mouth, plant debris and mosses among tussocks of *Carex* spp. and Poaceae with *Spiraea* sp., *Vicia* sp., *Plagiomnium* sp. on open flood-plain depression with tracks of *Capreolus capreolus*, 01.X.2004, leg. A.R.; 1 ♀, N.N.R. (buffer zone), Burunda River basin, 1.5–2 km NW of Burunda cordon, mosses and plant debris on swamp near Kamyshevoye Lake: *Sphagnum* spp., *Hyppnum* sp., dense growth of *Chamaedaphne calyculata*, *Menyanthes trifoliata*, *Comarum palustre*, *Eriophorum* sp., separate tussocks of *Carex* sp., sparse Poaceae, etc., 13.IX.2004, leg. A.R.; 2 ♀♀, Nora River basin, 1.5 km up-stream of Mt. Gryashchinskaya, moss and plant debris on *Carex-Eriophorum* swamp with *Chamaedaphne calyculata*, gramineous admixture, *Comarum palustre*, *Salix* sp., *Vaccinium uliginosum*, *Sphagnum* spp., etc., 25.VIII.2004, leg. A.R.; 1 ♂, 2 ♀♀, Selemdzha River basin, flood-plain of Aldikon River near Norsk, mosses and leaf litter under *Salix* sp. and along the edge of open sedge-gramineous tussock swamp, 05.IX.2004, leg. A.R.; 10 ♂♂ & ♀♀, N.N.R. (buffer zone), Burunda River basin, 0.5–0.7 km NW of Burunda cordon, sedge-gramineous swamp with *Sphagnum ?girgensobnii* and true mosses around lake, 10.IX.2004, leg. A.R.; 1 ♀, lower reaches of Chervinka River, mosses, ferns, leaf litter, plant debris on banks of river and intermittent rill with tussocks of *Carex* spp., Poaceae, *Spiraea* spp., *Salix* spp., *Betula ?fruticosa*, undergrowth of *Betula platyphylla*, etc., 30.VI.2005, leg. E.V. & A.R.; 1 ♂, 1 ♀, Selemdzha River basin, 1.5 km NE of Dvadsatikka cordon, banks and flood-plain of a rill inflowing to lake, mosses and leaf litter under *Salix* spp., *Alnus* sp., undergrowth of *Betula platyphylla* and *Populus tremula*, *Spiraea* spp. with Poaceae, *Carex* spp., *Trollius* sp., *Filipendula palmata*, ferns, *Sphagnum* spp., *Polytrichum* spp., *Hyppnum* sp., *Plagiomnium* sp., etc., 26.VI.2005, leg. E.V. & A.R.; 1 ♂, Meun River mouth, mosses, leaf litter and plant debris on swamp between natural levee and steep slope of bald mountain: *Spiraea* spp., *Alnus* sp., *Padus* sp., *Salix* spp., *Carex* spp., *Filipendula palmata*, etc., 09.VII.2005, leg. A.R.; 1 ♂, 2 ♀♀, Nora River basin near Meunskiy cordon, mosses and plant debris on flood-plain of intermittent rill with *Alnus* sp., *Carex* spp., Poaceae, *Trientalis europaea*, *Convallaria keiskei*, *Sphagnum squarrosum*, *Sph. ?girgensobnii*, *Sph.* spp., *Hyppnum* sp., etc., 08.VII.2005, leg. A.R.

**DISTRIBUTION.** Siberia: from the Urals to East Siberia, Cisokhotia, mountains of South Siberia: Tuva, Sayan; Amurskaya, Khabarovsk and Maritime provinces, Sakhalin. In the Nearctic, only known from Alaska.

*Macrargus multesimus* (O. Pickard-Cambridge, 1875)

**MATERIAL.** 2 ♂♂, 1 ♀, N.N.R. (buffer zone), Burunda River basin, 1 km NW of Burunda cordon, mosses and leaf litter in *Alnus* forest with Poaceae, *Rubus idaeus*, *R. arcticus*, *R. humilifolius*, *Urtica* sp., sparse *Carex* sp. and *Trientalis europaea* near rill, 17.IX.2004, leg. A.R.; 1 ♀, Nora River near Maltsevskiy cordon, mosses and leaf litter under *Alnus* sp., *Padus* sp., *Betula platyphylla*, undergrowth of *Populus tremula* with *Spiraea* spp., *Filipendula palmata*, *Carex* spp., Poaceae, *Rosa* sp., *Convallaria keiskei*, ferns on natural levee, 29.VIII.2004, leg. A.R.; 1 ♂, 1 ♀, Nora River basin near Maltsevskiy cordon, leaf litter under

*Populus tremula*, *Betula platyphylla*, *Padus* sp. with Poaceae, *Equisetum sylvaticum*, *Spiraea* sp., *Maianthemum bifolium*, *Polygonatum* sp., ferns near flood-plain lake, 30.VIII.2004, leg. A.R.; 1 ♂, 1 ♀, N.N.R. (buffer zone), Burunda River basin, 2 km SE of Burunda cordon, leaf litter in young dense larch forest with sparse *Alnus* sp., Poaceae, *Equisetum* sp. and under old larch tree on hill, 22.IX.2004, leg. A.R.; 1 ♀, near border of N.N.R., left side of Seledzha River opposite Dvadsatikhha cordon, mosses and leaf litter in riverside forest under rocky denudation: *Alnus* sp., *Salix* spp., *Abies nephrolepis*, *Padus* sp., *Betula platyphylla*, *B. daburica*, *Acer ukurunduense*, *Corylus mandshurica*, *Ulmus* sp., *Matteuccia struthiopteris*, *Oxalis acetosella*, *Adoxa* sp., *Schisandra chinensis*, *Trientalis europaea*, Liliaceae gen. spp., *Saxifraga* sp., *Dryopteris fragrans*, *Pleurozium schreberi*, *Hylocomium splendens*, etc., 20.VI.2005, leg. E.V. & A.R.

**DISTRIBUTION.** Europe, including the tundra zone; Siberia: from the Urals eastward to Chukotka, Cisokhotia, Kamchatka, Sakhalin. Through the mountains of South Siberia eastward to Khabarovsk and Maritime provinces. Known from Mongolia and China.

#### *Maro borealis* Eskov, 1991

**MATERIAL.** 1 ♀, N.N.R., Nora River basin near Meunskiy cordon, leaf litter and mosses under *Betula platyphylla*, *Alnus* sp., *Larix gmelinii*, *Populus tremula*, *Rhododendron* sp. with *Vaccinium vitis-idaea*, *Maianthemum bifolium*, *Trientalis europaea*, *Carex* ?*globularis*, Poaceae, sparse *Polytrichum commune* on flat crest of low bald mount, 14.VIII.2004, leg. A.R.; 1 ♀, N.N.R. (buffer zone), Burunda River basin, 1.5 km NW of Burunda cordon, plant debris among tussocks of *Carex* spp. under sparse *Alnus* sp. with young growth of *Larix gmelinii* along rill bank near road, 17.IX.2004, leg. A.R.; 2 ♀♀, N.N.R. (buffer zone), Burunda River basin, 1.5 km NW of Burunda cordon, plant debris among *Carex* sp. under sparse *Alnus* sp. with young growth of *Larix gmelinii* along rill bank near road, 18.IX.2004, leg. A.R.; 2 ♀♀, Nora River basin, 1.5 km up-stream of Mt. Gryashchinskaya, mosses and plant debris on open swamp along lake side: tussocks of *Carex* spp. and Poaceae with *Sphagnum* ?*girgensobnii*, *Sph.* ?*angustifolium*, *Sph.* ?*magellanicum*, *Sph. squarrosum*, *Sph.* spp., *Chamaedaphne calyculata*, *Vaccinium uliginosum*, sparse *Ledum palustre*, *Salix* sp., *Betula* ?*fruticosa*, etc., 24.VIII.2004, leg. A.R.; 2 ♀♀, near border of buffer zone of N.N.R., Burunda River basin, 4 km NW of Burunda cordon, mosses and 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.IX.2004, leg. A.R.; 1 ♀, N.N.R. (buffer zone), Burunda River basin, 4.5 km NW of Burunda cordon, mosses and leaf litter in slope forest under *Betula platyphylla*, *Larix gmelinii* with *Ledum palustre*, *Rhododendron* sp., *Alnus* sp., *Pleurozium schreberi*, *Hylocomium splendens*, etc., 14.IX.2004, leg. A.R.; 1 ♀, near border of buffer zone of N.N.R., Burunda River basin, 9 km SE of Burunda cordon, mosses and leaf litter in sparse growth of burnt *Betula platyphylla* and *Larix gmelinii* with spots of *Alnus* sp., dense growth of *Ledum palustre*, *Vaccinium uliginosum*, *V. vitis-idaea* on gentle slope, 20.IX.2004, leg. A.R.; 1 ♀, Nora River basin near Meunskiy cordon, mosses and plant debris on flood-plain of intermittent rill with *Alnus* sp., *Carex* spp., Poaceae, *Trientalis europaea*, *Convallaria keiskei*, *Sphagnum squarrosum*, *Sph. ?girgensobnii*, *Sph.* spp., *Hypnum* sp., etc., 08.VII.2005, leg. A.R.

**DISTRIBUTION.** Siberia: from Yenisey River eastward to Kolyma River basin, Amurskaya and Khabarovsk provinces, Sakhalin.

#### *Maro khabarum* Tanasevitch, 2006

**MATERIAL.** 1 ♀, N.N.R., Burunda River near Ozyorny Rill mouth, leaf litter under young trees of *Picea ajanensis* with *Equisetum pratense*, *Ribes* sp. among *Betula platyphylla*, *Populus*

*tremula*, and *Alnus* sp. in flood-plain depression, 29.IX.2004, leg. A.R.; 1 ♀, Burunda River near Ozyorny Rill mouth, Plant debris and mosses among tussocks of *Carex* spp. and Poaceae with *Spiraea* sp., *Vicia* sp., *Plagiomnium* sp. on open flood-plain depression with tracks of *Capreolus capreolus*, 01.X.2004, leg. A.R.; 1 ♀, right bank of Nora River, Ostraya Mt., mosses and leaf litter on rocky denudation, 23.VIII.2004, leg. A.R.; 5 ♂♂, 4 ♀♀, Nora River, Mt. Gryashchinskaya, mosses and leaf litter on steep rocky slope with *Betula platyphylla*, *Alnus* sp., *Sorbus sibirica*, *Swida alba*, undergrowth of *Acer ukurunduense*, *Pleurozium schreberi*, *Hylocomium splendens*, *Dicranum* sp., *Ptilium crista-castrensis*, *Sphagnum* ?*girgensobnii*, *Dryopteris fragrans*, etc., 25.VIII.2004, leg. A.R.; 1 ♀, 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. on narrow, partly submerged, spit between river and lake, 03.IX.2004, leg. A.R.; 1 ♀, Nora River near Maltsevskiy cordon, mosses and leaf litter under *Alnus* sp., *Padus* sp., *Betula platyphylla*, undergrowth of *Populus tremula* with *Spiraea* spp., *Filipendula palmata*, *Carex* spp., Poaceae, *Rosa* sp., *Convallaria keiskei*, ferns on natural levee, 29.VIII.2004, leg. A.R.; 1 ♂, N.N.R. (buffer zone), Burunda River basin, 0.5–0.7 km NW of Burunda cordon, sedge-gramineous swamp with *Sphagnum* ?*girgensobnii* and true mosses around lake, 10.IX.2004, leg. A.R.; 2 ♀♀, N.N.R. (buffer zone), Burunda River basin, 4 km NW of Burunda cordon, mosses and leaf litter on very gentle slope with *Larix gmelinii*, *Alnus* sp., *Ledum palustre*, undergrowth of *Betula platyphylla*, *Hylocomium splendens*, *Dicranum* sp., etc., 08.X.2004, leg. A.R.; 3 ♂♂, 2 ♀♀, Burunda River, 2–3 km up-stream of Burunda cordon, shingle-sandy spit: among shingles and in leaf litter under *Salix* sp. with Poaceae, *Dianthus* sp., etc., 24.IX.2004, leg. A.R.; 1 ♂, Nora River near Maltsevskiy cordon, mosses, leaf litter, soil under *Alnus* sp., *Padus* sp., *Salix* spp. with ferns, Poaceae, *Carex* spp. on clayish slumping bank, 17.VI.2005, leg. E.V. & A.R.; 1 ♂, 1 ♀, Nora River below Maltsevskiy cordon, leaf litter under *Salix* spp. and *Alnus* sp. on narrow, partly submerged, spit between the river and the lake, 10.VI.2005, leg. E.V. & A.R.

**DISTRIBUTION.** Amurskaya and Khabarovsk provinces.

#### *Maro pansibiricus* Tanasevitch, 2006

**MATERIAL.** 1 ♂, 1 ♀, N.N.R. (buffer zone), Burunda River basin, 1.5–2 km SE of Burunda cordon, mosses and leaf litter under *Betula platyphylla* with *Ledum palustre*, *Chamaedaphne calyculata*, *Salix* sp., *Sphagnum* spp., *Hypnum* sp., Poaceae, etc., 06.X.2004, leg. A.R.; 1 ♀, N.N.R. (buffer zone), Burunda River basin, 1 km SE of Burunda cordon, moss and leaf litter among sedge-gramineous tussocks and under young growth of *Betula* sp. on wide open swamp, 04.X.2004, leg. A.R.; 2 ♂♂, near border of buffer zone of N.N.R., Burunda River basin, 4 km NW of Burunda cordon, mosses and 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.IX.2004, leg. A.R.; 1 ♂, 3 ♀♀, N.N.R. (buffer zone), Burunda River basin, 6 km SE of Burunda cordon, mosses and leaf litter on wide swamp with hummocks of *Sphagnum* spp., *Vaccinium uliginosum*, *Ledum palustre*, *Carex* spp., undergrowth of *Betula* ?*fruticosa*, etc., 21.IX.2004, leg. A.R.; 1 ♂, N.N.R. (buffer zone), Burunda River basin, 2 km SE of Burunda cordon, mosses and leaf litter in slope forest with *Betula platyphylla*, sparse Poaceae, *Carex* sp., *Rhododendron* sp., etc., 26.IX.2004, leg. A.R.; 1 ♀, lower reaches of Chervinka River, in leaf litter and under burnt and wind-fallen trees and alder in riverside forest with *Betula platyphylla*, *B. daburica*, *Larix gmelinii*, *Populus tremula*, Poaceae gen. spp., *Carex* ?*globularis*, *Pyrola daburica*, *Trollius* sp., *Trifolium* sp., *Thalictrum* sp., *Lathyrus* sp., ferns, *Filipendula palmata*, *Equisetum sylvaticum*, *Trientalis europaea*, *Maianthemum bifolium*, etc., 04.VII.2005, leg. E.V. & A.R.

**DISTRIBUTION.** West, Middle and East Siberia (except Chukotka), through the mountains of South Siberia eastward to Khabarovsk and Maritime provinces, Sakhalin.



*Maro saaristoi* Eskov, 1980

MATERIAL. 1 ♂, N.N.R. (buffer zone), Burunda River basin near Burunda cordon, plant debris and mosses on swampy sides of flood-plain lake: *Carex* spp., Poaceae, *Spiraea* sp., sparse *Climacium* sp., *Hypnum* sp., *Sphagnum* sp., *Polytrichum* sp., etc., 09.IX.2004, leg. A.R.

DISTRIBUTION. West and Middle Siberia, Cisokhotia; in the mountains of South Siberia registered from Tuva and Sayan; Amurskaya and Khabarovsk provinces.

*Maro sibiricus* Eskov, 1980

MATERIAL. 2 ♀♀, N.N.R. (buffer zone), Burunda River basin, 1.5 km NW of Burunda cordon, plant debris among *Carex* sp. under sparse *Alnus* sp. with young growth of *Larix gmelinii* along rill bank near road, 18.IX.2004, leg. A.R.; 1 ♂, 2 ♀♀, Seledmdzhinskiy District, Seledmdzha River basin, Aldikon River bank near Norsk, leaf litter under *Salix* spp. near water, 05.IX.2004, leg. A.R.; 2 ♀♀, Burunda River near Ozyorniy Rill mouth, mosses and plant debris among sedge-gramineous tussocks on very gentle slope near intermittent channel: *Carex* spp., *Calamagrostis* sp., *Polytrichum* sp. and other true mosses, *Spiraea* sp., etc., 28.IX.2004, leg. A.R.; 1 ♀, Nora River near Maltsevskiy cordon, mosses and leaf litter under *Alnus* sp., *Padus* sp., *Betula platyphylla*, undergrowth of *Populus tremula* with *Spiraea* spp., *Filipendula palmata*, *Carex* spp., Poaceae, *Rosa* sp., *Convallaria keiskei*, ferns on natural levee, 29.VIII.2004, leg. A.R.; 1 ♀, near border of N.N.R., left side of Seledmdzha River opposite Dvadsatikha cordon, fold of small rill, mosses and leaf litter near rill and on fallen trees and stones in rill channel, among *Alnus* sp., *Padus* sp., *Corylus mandshurica*, *Tilia amurensis*, *Acer ukurunduense*, *Betula platyphylla*, *B. dahurica*, *Picea ajanensis*, *Abies nephrolepis*, etc., 28.VI.2005, leg. E.V. & A.R.; 1 ♀, Seledmdzha River basin, 1.5 km NE of Dvadsatikha cordon, banks and flood-plain of a rill inflowing to lake, mosses and leaf litter under *Salix* spp., *Alnus* sp., undergrowth of *Betula platyphylla* and *Populus tremula*, *Spiraea* spp. with Poaceae, *Carex* spp., *Trollius* sp., *Filipendula palmata*, ferns, *Sphagnum* spp., *Polytrichum* spp., *Hypnum* sp., *Plagiomnium* sp., etc., 26.VI.2005, leg. E.V. & A.R.; 1 ♀, Nora River, bank of Sorokavyorstnaya channel, under foot of rocky NE slope of Maltsevskaya Mt.: leaf litter under *Alnus* sp., *Salix* spp., *Populus* sp., *Padus* sp., 12.VI.2005, leg. E.V. & A.R.; 1 ♀, Mazanovskiy District, right bank of Nora River below Ostraya Mt., mosses and leaf litter under *Alnus* sp., *Padus* sp., *Spiraea* sp. with *Matteuccia struthiopteris*, Poaceae, *Carex* spp. on high bank of river, 23.VII.2005, leg. A.R.

DISTRIBUTION. European tundra. West, Middle and East Siberia (except Chukotka), Kamchatka, the Kurile Islands, Sakhalin. Through the mountains of South Siberia eastward to Khabarovsk and Maritime provinces.

*Maso sundevalli* (Westring, 1851)

MATERIAL. 1 ♀, N.N.R., Nora River basin near Meunskiy cordon, sparse mosses and leaf litter under *Betula platyphylla* and *Larix gmelinii* with *Calamagrostis* sp. and *Trientalis europaea* in flood-plain forest with hillocks, 13.VIII.2004, leg. A.R.; 1 ♀, Nora River basin near Meunskiy cordon, mosses and plant debris among *Carex* spp. & Poaceae with *Comarum palustre*, *Sphagnum squarrosum*, *Sph.* spp., *Aulacomnium* sp. and other true mosses near side of flood-plain lake and swampy road, 13.VIII.2004, leg. A.R.; 2 ♀♀, rill (left confluent of Nora River) up-stream of Mt. Gryashchinskaya, true mosses and plant debris among *Carex* spp., Poaceae, *Alnus* sp., *Padus* sp., *Salix* sp., etc., 26.VIII.2004, leg. A.R.; 1 ♀, 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. on narrow, partly submerged, spit between river and lake, 03.IX.2004, leg. A.R.; 1 ♀, near border of N.N.R.,

left side of Seledmdzha River opposite Dvadsatikha cordon, mosses and leaf litter on high bank of the river: *Betula platyphylla*, *B. dahurica*, *Larix gmelinii*, *Pinus sylvestris*, *Alnus* sp., *Ledum palustre*, *Rhododendron* sp., *Vaccinium vitis-idaea*, *Pyrola* sp., *Maianthemum bifolium*, *Pleurozium schreberi*, *Ptilium crista-castrensis*, etc., 05.VIII.2004, leg. A.R.; 1 ♂, 1 ♀, near border of buffer zone of N.N.R., Burunda River basin, 4 km NW of Burunda cordon, mosses and 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.IX.2004, leg. A.R.; 2 ♀♀, N.N.R. (buffer zone), Burunda River basin, 4 km NW of Burunda cordon, mosses and leaf litter on very gentle slope with *Larix gmelinii*, *Alnus* sp., *Ledum palustre*, undergrowth of *Betula platyphylla*, *Hylocomium splendens*, *Dicranum* sp., etc., 08.X.2004, leg. A.R.; 1 ♀, Nora River basin near Meunskiy cordon, mosses and plant debris among *Carex* spp., *Eriophorum* spp., Poaceae with *Sphagnum* spp. along swampy road to Dlinnoye Lake, 13.VII.2005, leg. A.R.; 1 ♂, near border of N.N.R., left side of Seledmdzha River opposite Dvadsatikha cordon, mosses and leaf litter in riverside forest under rocky denudation: *Alnus* sp., *Salix* spp., *Abies nephrolepis*, *Padus* sp., *Betula platyphylla*, *B. dahurica*, *Acer ukurunduense*, *Corylus mandshurica*, *Ulmus* sp., *Matteuccia struthiopteris*, *Oxalis acetosella*, *Adoxa* sp., *Schisandra chinensis*, *Trientalis europaea*, Liliaceae gen. spp., *Saxifraga* sp., *Dryopteris fragrans*, *Pleurozium schreberi*, *Hylocomium splendens*, etc., 20.VI.2005, leg. E.V. & A.R.; 1 ♀, Mazanovskiy District, right bank of Nora River, channel of intermittent rill in fold of Ostraya Mt., mosses and leaf litter under *Padus* sp., *Alnus* sp., *Acer ukurunduense*, *Betula platyphylla*, etc., 23.VII.2005, leg. A.R.; 1 ♀, Nora River basin near Meunskiy cordon, mosses and plant debris on flood-plain of intermittent rill with *Alnus* sp., *Carex* spp., Poaceae, *Trientalis europaea*, *Convallaria keiskei*, *Sphagnum squarrosum*, *Sph. ?girsensobnii*, *Sph.* spp., *Hypnum* sp., etc., 08.VII.2005, leg. A.R.; 1 ♀, Nora River basin near Osinovoye Lake, leaf litter in larch forest with motley grass, 27.VII.2005, leg. A.R.

DISTRIBUTION. All over the Holarctic.

*Mecynargus monticola* (Holm, 1943)

MATERIAL. 1 ♀, N.N.R., Burunda River near Ozyorniy Rill mouth, plant debris and mosses among tussocks of *Carex* spp. and Poaceae with *Spiraea* sp., *Vicia* sp., small true mosses, on gently sloping side of small flood-plain lake, 02.X.2004, leg. A.R.

DISTRIBUTION. Northern Europe; Siberia: from the Urals to Chukotka, Cisokhotia. Through the mountains of South Siberia via the Lake Baikal region eastward to Khabarovsk Prov. Known from Mongolia. In the Nearctic known from Canada: British Columbia, Yukon, Northern Territories.

*Micrargus herbigradus* (Blackwall, 1854)

MATERIAL. 1 ♂, 1 ♀, N.N.R., Nora River basin near Meunskiy cordon, mosses and plant debris at flood-plain of a rill: *Alnus* sp., *Carex* spp., Poaceae, *Trientalis europaea*, *Convallaria keiskei*, *Sphagnum squarrosum*, *Sph.* spp., *Hypnum* sp., etc., 18.VIII.2004, leg. A.R.; 1 ♂, 1 ♀, Nora River basin near Meunskiy cordon, mosses and plant debris at flood-plain of a rill: *Alnus* sp., *Carex* spp., Poaceae, *Trientalis europaea*, *Convallaria keiskei*, *Sphagnum squarrosum*, *Sph.* spp., *Hypnum* sp., etc., 15.VIII.2004, leg. A.R.; 3 ♂♂, 1 ♀, Nora River basin near Meunskiy cordon, mosses and plant debris among *Carex* spp. & Poaceae with *Comarum palustre*, *Sphagnum squarrosum*, *Sph.* spp., *Aulacomnium* sp. and other true mosses near side of flood-plain lake and swampy road, 13.VIII.2004, leg. A.R.; 1 ♀, Seledmdzha River basin, 1.5 km NE of Dvadsatikha cordon, banks and flood-plain of a rill inflowing to lake, mosses and leaf litter under *Salix* spp., *Alnus* sp., undergrowth of *Betula platyphylla* and *Populus tremula*, *Spiraea* spp. with Poaceae, *Carex* spp., *Trollius* sp., *Filipendula palmata*, ferns, *Sphagnum*

spp., *Polytrichum* spp., *Hypnum* sp., *Plagiomnium* sp., etc., 26.VI.2005, leg. E.V. & A.R.; 1 ♀, Seledmzha River basin near Dvadsatikha cordon, sweeping on open swamp with *Carex* spp., Poaceae, *Salix* spp., *Spiraea* spp., *Filipendula palmata*, *Iris* sp., *Valeriana* sp., and on afforested swamp with *Padus* sp., *Alnus* sp., *Betula platyphylla*, *Salix* spp., etc., 19.VI.2005, leg. E.V. & A.R.; 1 ♂, Seledmzha River basin, 5–6 km up-stream of Ekimchan, up-stream of Unerikan Rill mouth, 494 m, mosses and leaf litter in riverside forest: under *Betula* sp. and *Larix gmelinii* with Poaceae gen. spp., *Polytrichum* spp., etc., 06.VIII.2005, leg. A.R.

**DISTRIBUTION.** Widespread in Europe, registered from the Caucasus and the Urals. In Asia known from West and Middle Siberia, Kamchatka; through the mountains of South Siberia eastward to Khabarovsk and Maritime provinces, the Kurile Islands, Sakhalin; China, Japan.

### *Microneta viaria* (Blackwall, 1841)

**MATERIAL.** 1 ♂, N.N.R., Nora River basin near Meunskiy cordon, mosses and plant debris in forest at rill valley: *Betula platyphylla*, *Larix gmelinii*, *Rhododendron* sp., *Alnus* sp., *Ledum palustre*, *Vaccinium vitis-idaea*, *Calamagrostis* sp., *Maianthemum bifolium*, *Carex ?globularis*, *Trientalis europaea*, *Polytrichum commune*, etc., 16.VIII.2004, leg. A.R.; 1 ♀, Nora River basin near Meunskiy cordon, sparse mosses and leaf litter under *Betula platyphylla* and *Larix gmelinii* with *Calamagrostis* sp. and *Trientalis europaea* in flood-plain forest with hillocks, 13.VIII.2004, leg. A.R.; 1 ♀, right bank of Nora River near Meunskiy cordon, shingles, silt, clay, mosses and leaf litter under *Salix* sp. and *Alnus* sp., 20.VIII.2004, leg. A.R.; 2 ♀♀, Nora River basin near Meunskiy cordon, leaf litter and mosses under *Betula platyphylla*, *Alnus* sp., *Larix gmelinii*, *Populus tremula*, *Rhododendron* sp. with *Vaccinium vitis-idaea*, *Maianthemum bifolium*, *Trientalis europaea*, *Carex ?globularis*, Poaceae, sparse *Polytrichum commune* on flat crest of low bald mount, 14.VIII.2004, leg. A.R.; 1 ♂, Seledmzha River, Burundushka River mouth, mosses and leaf litter under *Tilia amurensis*, *Alnus* sp., *Acer ukurunduense*, *Betula platyphylla* with *Rosa* sp., *Calamagrostis* sp., *Equisetum* sp., *Maianthemum bifolium*, *Thalictrum* sp., *Spiraea* sp., *Oxalis acetosella* on natural levee, 03.VIII.2004, leg. A.R.; 1 ♂, 2 ♀♀, Burunda River near Meun River mouth, moss and leaf litter under *Picea ajanensis* and *Betula platyphylla* with *Maianthemum bifolium*, *Trientalis europaea*, Poaceae, *Polygonatum* sp., ferns on natural levee, 21.VIII.2004, leg. A.R.; 3 ♂♂, 2 ♀♀, Burunda River near Ozyorniy Rill mouth, mosses and leaf litter under *Betula platyphylla* and *Larix gmelinii* in birch forest with larch undergrowth, *Ledum palustre*, *Vaccinium vitis-idaea*, *Equisetum pratense*, *Pleurozium schreberi*, *Hylocomium splendens* on hill near river bank, 29.IX.2004, leg. A.R.; 1 ♂, Nora River basin near Maltsevskiy cordon, in rotten wood and under bark of aspen and birch stumps, 01.IX.2004, leg. A.R.; 2 ♂♂, 1 ♀, Nora River basin near Maltsevskiy cordon, in leaf litter under *Betula platyphylla* and *Populus tremula* with *Maianthemum bifolium*, *Convallaria keiskei*, *Equisetum sylvaticum*, etc., 01.IX.2004, leg. A.R.; 1 ♂, 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. on narrow, partly submerged, spit between river and lake, 02.IX.2004, leg. A.R.; 1 ♂, 1 ♀, Seledmzha River basin, 2 km up-stream of Norsk, mosses and plant debris among *Carex* spp., Poaceae, *Filipendula palmata*, *Spiraea* sp., *Salix* sp., *Padus* sp. on swampy side of small drainage lake (dammed rill), 06.IX.2004, leg. A.R.; 2 ♀♀, near border of N.N.R., left side of Seledmzha River opposite Dvadsatikha cordon, mosses and leaf litter on high bank of the river: *Betula platyphylla*, *B. davurica*, *Larix gmelinii*, *Pinus sylvestris*, *Alnus* sp., *Ledum palustre*, *Rhododendron* sp., *Vaccinium vitis-idaea*, *Pyrola* sp., *Maianthemum bifolium*, *Pleurozium schreberi*, *Ptilium crista-castrensis*, etc., 05.VIII.2004, leg. A.R.; 1 ♂, Nora River near Maltsevskiy cordon, mosses and leaf litter under *Alnus* sp., *Padus* sp., *Betula platyphylla*, undergrowth of *Populus tremula* with *Spiraea* spp., *Filipendula palmata*, *Carex*

spp., Poaceae, *Rosa* sp., *Convallaria keiskei*, ferns on natural levee, 29.VIII.2004, leg. A.R.; 2 ♂♂, 1 ♀, Nora River basin near Maltsevskiy cordon, leaf litter under *Populus tremula*, *Betula platyphylla*, *Padus* sp. with Poaceae, *Equisetum sylvaticum*, *Spiraea* sp., *Maianthemum bifolium*, *Polygonatum* sp., ferns near flood-plain lake, 30.VIII.2004, leg. A.R.; 2 ♀♀, near border of buffer zone of N.N.R., Burunda River basin, 9 km SE of Burunda cordon, mosses and leaf litter in sparse growth of burnt *Betula platyphylla* and *Larix gmelinii* with spots of *Alnus* sp., dense growth of *Ledum palustre*, *Vaccinium uliginosum*, *V. vitis-idaea* on gentle slope, 20.IX.2004, leg. A.R.; 1 ♂, 2 ♀♀, N.N.R. (buffer zone), Burunda River basin, 2 km SE of Burunda cordon, leaf litter in young dense larch forest with sparse *Alnus* sp., Poaceae, *Equisetum* sp. and under old larch tree on hill, 22.IX.2004, leg. A.R.; 2 ♀♀, N.N.R. (buffer zone), Burunda River basin, 2 km SE of Burunda cordon, mosses and leaf litter in slope forest with *Betula platyphylla*, sparse Poaceae, *Carex* sp., *Rhododendron* sp., etc., 26.IX.2004, leg. A.R.; 1 ♂, 1 ♀, Burunda River near Ozyorniy Rill mouth, mosses and litter under large trees of *Picea ajanensis* with *Pyrola* sp., Poaceae, *Filipendula palmata*, *Pleurozium schreberi* near river bank, 30.IX.2004, leg. A.R.; 1 ♀, Nora River near Maltsevskiy cordon, mosses and leaf litter under *Padus* sp. with Poaceae, *Carex* spp., *Equisetum sylvaticum*, undergrowth of *Populus tremula* in depression behind natural levee. 15.VI.2005, leg. E.V. & A.R.; 1 ♀, Nora River near Maltsevskiy cordon, leaf litter in birch forest (*Betula platyphylla*) with *Calamagrostis* sp., *Maianthemum bifolium*, *Convallaria keiskei*, *Cypripedium guttatum* and in debris of rotten birch stub on natural levee, 09.VI.2005, leg. E.V. & A.R.; 1 ♀, abrupt bank of Nora River near Maltsevskiy cordon, shingles, sand, loam, spots of mosses *Marchantiales*, *Carex* spp., Poaceae, Fabaceae leaf litter under *Alnus* sp. and *Padus* sp. with ferns, 16.VI.2005, leg. E.V. & A.R.; 1 ♀, near border of N.N.R., left side of Seledmzha River opposite Dvadsatikha cordon, fold of small rill, mosses and leaf litter under *Abies nephrolepis* and *Picea ajanensis* on slope with *Maianthemum bifolium*, *Trientalis europaea*, *Equisetum pratense*, *Eq. sylvaticum*, *Oxalis acetosella*, *Mitella nuda*, 28.VI.2005, leg. E.V. & A.R.; 1 ♀, Nora River near Maltsevskiy cordon, mosses, leaf litter, soil under *Alnus* sp., *Padus* sp., *Salix* spp. with ferns, Poaceae, *Carex* spp. on clayish slumping bank, 17.VI.2005, leg. E.V. & A.R.; 1 ♀, Nora River basin near Osinovoye Lake, leaf litter in larch forest with motley grass, 27.VII.2005, leg. A.R.; 1 ♀, Nora River basin near Meunskiy cordon, mosses and leaf litter in forest on very gentle slope: *Betula platyphylla*, *Larix gmelinii*, *Rhododendron* sp., *Alnus* sp., *Ledum palustre*, *Vaccinium vitis-idaea*, *V. uliginosum*, *Calamagrostis* sp., *Maianthemum bifolium*, *Carex ?globularis*, *Trientalis europaea*, *Polytrichum commune*, etc., 08.VII.2005, leg. A.R.; 2 ♀♀, Meun River mouth, leaf litter under *Betula platyphylla*, *Abies nephrolepis*, *Picea ajanensis*, *Populus tremula* with Poaceae gen. spp., *Carex* spp., Fabaceae gen. spp., *Filipendula palmata*, *Equisetum sylvaticum*, *Rosa* sp. on natural levee, 09.VII.2005, leg. A.R.

**DISTRIBUTION.** All over the Holarctic.

### *Mughiphantes aculifer* (Tanasevitch, 1988)

**MATERIAL.** 1 ♀, N.N.R., Seledmzha River basin, 51 km below Ekimchan, near Angelokit Rill, 405–410 m, mosses and leaf litter on steep rocky burnt slope above rill: *Picea ajanensis*, *Abies nephrolepis*, *Hylocomium splendens*, *Pleurozium schreberi*, *Sphagnum* spp., etc., 06.VIII.2005, leg. A.R.

**DISTRIBUTION.** East Siberia, Cisokhotia; Amurskaya, Khabarovsk and Maritime provinces.

### *Nenilinium asiaticum* Eskov, 1988

**MATERIAL.** 1 ♂, N.N.R., Nora River basin near Meunskiy cordon, mosses and leaf litter under *Betula platyphylla*, *Alnus* sp., *Populus tremula*, *Larix gmelinii*, *Pinus sylvestris*, *Rhododendron* sp. with *Ledum palustre*, Poaceae, *Carex ?globularis*, *Vaccinium vitis-idaea*, *Maianthemum bifolium* on slope of bald

mount, 15.VIII.2004, leg. A.R.; 1 ♀, Nora River basin near Meunskiy cordon, leaf litter and mosses under *Betula platyphylla*, *Alnus* sp., *Larix gmelinii*, *Populus tremula*, *Rhododendron* sp. with *Vaccinium vitis-idaea*, *Maianthemum bifolium*, *Trientalis europaea*, *Carex ?globovaris*, Poaceae, sparse *Polytrichum commune* on flat crest of low bald mount, 14.VIII.2004, leg. A.R.; 20ex(ZMMU), N.N.R. (buffer zone), Burunda River basin, 2.5 km SE of Burunda cordon, leaf litter under *Larix gmelinii* and *Betula platyphylla* with *Ledum palustre*, *Rhododendron* sp., *Vaccinium vitis-idaea*, *Equisetum sylvaticum* in burnt forest on gentle slope, 23.IX.2004, leg. A.R.; 40 ♂♂ & ♀♀, Burunda River near Ozyorniy Rill mouth, mosses and leaf litter under *Betula platyphylla* и *Larix gmelinii* in birch forest with larch undergrowth, *Ledum palustre*, *Vaccinium vitis-idaea*, *Equisetum pratense*, *Pleurozium schreberi*, *Hylocomium splendens* on hill near river bank, 29.IX.2004, leg. A.R.; 1 ♂, Nora River near Maltsevskiy cordon, mosses and leaf litter under *Alnus* sp., *Padus* sp., *Betula platyphylla*, undergrowth of *Populus tremula* with *Spiraea* spp., *Filipendula palmata*, *Carex* spp., Poaceae, *Rosa* sp., *Convallaria keiskei*, ferns on natural levee, 29.VIII.2004, leg. A.R.; 2 ♂♂, N.N.R. (buffer zone), Burunda River basin, 1 km NW of Burunda cordon, mosses and leaf litter in swampy forest with tussocks and old stumps on very gentle slope near rill bank: *Larix gmelinii*, *Alnus* sp., *Betula platyphylla*, *Calamagrostis* sp., *Carex* sp., *Rubus arcticus*, *Convallaria keiskei*, *Sphagnum squarrosum*, *Sph. ?girgensobnii*, *Sph. sp.*, *Ptilium crista-castrensis*, *Hylocomium splendens*, *Dicranum* sp., etc., 12.IX.2004, leg. A.R.; 1 ♂, N.N.R. (buffer zone), Burunda River basin, 4.5 km NW of Burunda cordon, mosses and leaf litter in slope forest under *Betula platyphylla*, *Larix gmelinii* with *Ledum palustre*, *Rhododendron* sp., *Alnus* sp., *Pleurozium schreberi*, *Hylocomium splendens*, etc., 14.IX.2004, leg. A.R.; 30 ♂♂ & ♀♀, near border of buffer zone of N.N.R., Burunda River basin, 9 km SE of Burunda cordon, mosses and leaf litter in sparse growth of burnt *Betula platyphylla* and *Larix gmelinii* with spots of *Alnus* sp., dense growth of *Ledum palustre*, *Vaccinium uliginosum*, *V. vitis-idaea* on gentle slope, 20.IX.2004, leg. A.R.; 30 ♂♂ & ♀♀, N.N.R. (buffer zone), Burunda River basin, 2 km SE of Burunda cordon, leaf litter in young dense larch forest with sparse *Alnus* sp., Poaceae, *Equisetum* sp. and under old larch tree on hill, 22.IX.2004, leg. A.R.; 4 ♂♂, 3 ♀♀, N.N.R. (buffer zone), Burunda River basin, 2 km SE of Burunda cordon, mosses and leaf litter in slope forest with *Betula platyphylla*, sparse Poaceae, *Carex* sp., *Rhododendron* sp., etc., 26.IX.2004, leg. A.R.; 8 ♂♂, Burunda River basin, Korolikha Mt., steep rocky slope: mosses and leaf litter under *Betula platyphylla* и *Larix gmelinii* с *Rhododendron* sp., *Hylocomium splendens*, *Pleurozium schreberi*, etc., 03.X.2004, leg. A.R.

DISTRIBUTION. Middle and East Siberia; through the mountains of South Siberia via the Lake Baikal region eastward to Khabarovsk Prov., Sakhalin.

#### *Neriere clathrata* (Sundevall, 1830)

MATERIAL. 1 ♂, 1 ♀, N.N.R. (buffer zone), Burunda River basin, 1.5 km NW of Burunda cordon, plant debris among tussocks of *Carex* spp. under sparse *Alnus* sp. with young growth of *Larix gmelinii* along rill bank near road, 17.IX.2004, leg. A.R.

DISTRIBUTION. Throughout the Holarctic.

#### *Neriere radiata* (Walckenaer, 1841)

MATERIAL. 1 ♂, 1 ♀, N.N.R., abrupt bank of Nora River near Maltsevskiy cordon, shingles, sand, loam, spots of mosses *Marchantiales*, *Carex* spp., Poaceae, Fabaceae, etc., leaf litter under *Alnus* sp. and *Padus* sp. with ferns, etc., 16.VI.2005, leg. E.V. & A.R.; 1 ♀, near border of N.N.R., island on Selemdzha River near Dvadsatikhha cordon, banks of the river and old channel: shingles, clay, silt, sand, organic drift, 21.VI.2005, leg. E.V. & A.R.; 1 ♂, 1 ♀, abrupt bank of Nora River near

Maltsevskiy cordon, on Poaceae, *Carex* spp., *Chamaenerion angustifolium*, *Thalictrum* sp., ferns, Fabaceae gen. spp., etc., 16.VI.2005, leg. E.V. & A.R.; 1 ♀, Selemdzha River basin near Dvadsatikhha cordon, sweeping on open swamp with *Carex* spp., Poaceae, *Salix* spp., *Spiraea* spp., *Filipendula palmata*, *Iris* sp., *Valeriana* sp., etc., 19.VI.2005, leg. E.V. & A.R.

DISTRIBUTION. All over the Holarctic.

#### *Oinia clava* (Zhu et Wen, 1980)

MATERIAL. 1 ♂, N.N.R., Nora River basin near Maltsevskiy cordon, Maltsevskoye Lake, 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., and also leaf litter among tussocks in young birch forest with *Alnus* sp., *Spiraea* spp., *Filipendula palmata*, *Carex* spp., Poaceae, etc., 14.VI.2005, leg. E.V. & A.R.

DISTRIBUTION. Amurskaya, Khabarovsk and Maritime provinces, Sakhalin. China, Korea.

#### *Oreonetides helsdingeni* Eskov, 1984

MATERIAL. 1 ♀, N.N.R., Nora River basin near Meunskiy cordon, sparse mosses and leaf litter under *Betula platyphylla* and *Larix gmelinii* with *Calamagrostis* sp. and *Trientalis europaea* in flood-plain forest with hillocks, 13.VIII.2004, leg. A.R.; 1 ♂, Nora River, Mt. Gryashchinskaya, mosses and leaf litter on steep rocky slope with *Betula platyphylla*, *Alnus* sp., *Sorbus sibirica*, *Swida alba*, undergrowth of *Acer ukurunduense*, *Pleurozium schreberi*, *Hylocomium splendens*, *Dicranum* sp., *Ptilium crista-castrensis*, *Sphagnum ?girgensobnii*, *Dryopteris fragrans*, etc., 25.VIII.2004, leg. A.R.

DISTRIBUTION. Siberia from Yenisey River to Kolyma River basin, Sakhalin. South Siberia: Sayan, Lake Baikal region; Amurskaya and Khabarovsk provinces.

#### *Paraglyphesis lasiargoides* Eskov, 1991

MATERIAL. 2 ♂♂, 1 ♀, N.N.R., Burunda River near Ozyorniy Rill mouth, plant debris and mosses among tussocks of *Carex* spp. and Poaceae with *Spiraea* sp., *Vicia* sp., small true mosses on gently sloping side of small flood-plain lake, 02.X.2004, leg. A.R.

DISTRIBUTION. Siberia: Yamal Peninsula, Middle and East Siberia; Amurskaya and Khabarovsk provinces.

#### *Parawubanooides unicornis* (O. Pickard-Cambridge, 1873)

MATERIAL. 1 ♀, N.N.R. (buffer zone), Burunda River basin, 1.5–2 km SE of Burunda cordon, mosses and leaf litter under *Betula platyphylla* with *Ledum palustre*, *Chamaedaphne calyculata*, *Salix* sp., *Sphagnum* spp., *Hypnum* sp., Poaceae, etc., 06.X.2004, leg. A.R.; 1 ♂, 1 ♀, Mazanovskiy District, right bank of Nora River, NE slope of Zmeinaya Mt., mosses and leaf litter in fold, 17.VII.2005, leg. A.R.; 1 ♂, 1 ♀, Selemdzha River basin near Dvadsatikhha cordon, leaf litter and mosses in sparse forest with *Betula daburica*, *Larix gmelinii*, undergrowth of *Corylus mandshurica* and *Tilia amurensis*, motley grass, *Polytrichum* sp. and under bark of dead *Betula daburica*, 27.VI.2005, leg. E.V. & A.R.; 2 ♀♀, lower reaches of Chervinka River, in leaf litter and under burnt and wind-fallen trees and alder in riverside forest with *Betula platyphylla*, *B. daburica*, *Larix gmelinii*, *Populus tremula*, Poaceae gen. spp., *Carex ?globovaris*, *Pyrola daburica*, *Trollius* sp., *Trifolium* sp., *Thalictrum* sp., *Lathyrus* sp., ferns, *Filipendula palmata*, *Equisetum sylvaticum*, *Trientalis europaea*, *Maianthemum bifolium*, etc., 04.VII.2005, leg. E.V. &

A.R.; 4 ♀♀, Meun River mouth, leaf litter under *Betula platyphylla*, *Abies nephrolepis*, *Picea ajanensis*, *Populus tremula* with Poaceae gen. spp., *Carex* spp., Fabaceae gen. spp., *Filipendula palmata*, *Equisetum sylvaticum*, *Rosa* sp. on natural levee, 09.VII.2005, leg. A.R.

DISTRIBUTION. East Siberia, Cisokhotia, Kamchatka, Sakhalin. South Siberia: Tuva, Sayan, Lake Baikal region. Known from Mongolia.

#### *Perlongipalpus manilai* Eskov et Marusik, 1991

MATERIAL. 3 ♂♂, 1 ♀, N.N.R., Nora River near Meun River mouth, moss and leaf litter under *Picea ajanensis* and *Betula platyphylla* with *Maianthemum bifolium*, *Trientalis europaea*, Poaceae, *Polygonatum* sp., ferns on natural levee, 21.VIII.2004, leg. A.R.; 2 ♂♂, 1 ♀, Mazanovskiy District, right bank of Nora River, steep NE slopes of Ostraya Mt., mosses and leaf litter among *Populus* spp., *Larix gmelinii*, *Betula platyphylla*, *Alnus* spp., *Padus* sp., *Rhododendron* sp., ?*Sedum* sp., *Saxifraga* sp., *Equisetum* sp., ferns, etc., 20.VII.2005, leg. A.R.

DISTRIBUTION. East Siberia, Amurskaya Prov.

#### *Perlongipalpus pinipumilis* Eskov et Marusik, 1991

MATERIAL. 1 ♂, 3 ♀♀, N.N.R. (buffer zone), Burunda River basin, 2 km SE of Burunda cordon, leaf litter in young dense larch forest with sparse *Alnus* sp., Poaceae, *Equisetum* sp. and under old larch tree on hill, 22.IX.2004, leg. A.R.

DISTRIBUTION. East Siberia, Cisokhotia; South Siberia: Lake Baikal region, Amurskaya Prov. Known also from Mongolia.

#### *Perregrinus deformis* (Tanasevitch, 1982)

MATERIAL. 1 ♀, N.N.R., Nora River basin near Meunskiy cordon, mosses and plant debris at flood-plain of a rill: *Alnus* sp., *Carex* spp., Poaceae, *Trientalis europaea*, *Convallaria keiskei*, *Sphagnum squarrosum*, *Sph.* spp., *Hypnum* sp., etc., 18.VIII.2004, leg. A.R.; 2 ♀♀, Nora River basin near Meunskiy cordon, mosses and plant debris among *Carex* spp. & Poaceae with *Comarum palustre*, *Sphagnum squarrosum*, *Sph.* spp., *Aulacomnium* sp. and other true mosses near side of flood-plain lake and swampy road, 13.VIII.2004, leg. A.R.; 1 ♀, Nora River basin near Meunskiy cordon, mosses and plant debris on flood-plain of intermittent rill with *Alnus* sp., *Carex* spp., Poaceae, *Trientalis europaea*, *Convallaria keiskei*, *Sphagnum squarrosum*, *Sph.* ?*girsensobnii*, *Sph.* spp., *Hypnum* sp., etc., 08.VII.2005, leg. A.R.

DISTRIBUTION. European tundra; from the Urals eastward to Kolyma River basin. Through the mountains of South Siberia via the Lake Baikal region eastward to Khabarovsk Prov. Known also from Mongolia and China. The Nearctic: from Yukon eastward to Quebec.

#### *Poeciloneura variegata* (Blackwall, 1841)

MATERIAL. 1 ♂, N.N.R., Nora River basin near Maltsevskiy cordon, in rotten wood and under bark of aspen and birch stumps, 01.IX.2004, leg. A.R.

DISTRIBUTION. Through Palearctic, West Nearctic.

#### *Porrhomma longjiangense* Zhu et Wang, 1983

MATERIAL. 1 ♂, 5 ♀♀, near border of N.N.R., island on Selemdzha River near Dvadsatikhka cordon, leaf litter, moss and drift in the heart of the island: among *Salix* spp., *Populus* sp., *Picea ajanensis*, *Abies nephrolepis*, *Alnus* sp., *Larix gmelinii* with Poaceae, *Carex* sp., etc., 06.VIII.2004, leg. A.R.; 1 ♀, 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. on narrow, partly submerged, spit between river and lake, 03.IX.2004, leg. A.R.

DISTRIBUTION. East Siberia, Cisokhotia; South Siberia: Lake Baikal region; Amurskaya, Khabarovsk and Maritime provinces.

#### *Porrhomma pygmaeum* (Blackwall, 1834)

MATERIAL. 1 ♂, Amurskaya Area, Selemdzhinsky District, Nora River, bank of Sorokavyorstnaya channel, under foot of rocky NE slope of Maltsevskaya Mt.: leaf litter under *Alnus* sp., *Salix* spp., *Populus* sp., *Padus* sp. 12.VI.2005, leg. E.V. & A.R.

DISTRIBUTION. Throughout the Palearctic.

#### *Pseudowubana wagaie* (O. Pickard-Cambridge, 1873)

MATERIAL. 3 ♀♀, N.N.R., Nora River basin near Maltsevskiy cordon, mosses and plant debris on swamp near southern side of flood-plain lake: *Carex* spp., Poacea, *Salix* sp., *Filipendula palmata*, *Comarum palustre*, *Sphagnum squarrosum*, *Sph.* spp., *Polytrichum* sp., *Climacium* sp., etc., 30.VIII.2004, leg. A.R.; 1 ♂, N.N.R. (buffer zone), Burunda River basin, 0.5 km NW of Burunda cordon, moss and plant debris at edge of swamp: tussocks of Poaceae with *Carex* sp., young growth of *Betula* sp., *Salix* sp., *Spiraea* sp., and small true mosses, 07.X.2004, leg. A.R.; 4 ♂♂, N.N.R. (buffer zone), Burunda River basin, 1.5 km NW of Burunda cordon, plant debris among tussocks of *Carex* spp. under sparse *Alnus* sp. with young growth of *Larix gmelinii* along rill bank near road, 17.IX.2004, leg. A.R.; 1 ♂, N.N.R. (buffer zone), Burunda River basin, 1 km SE of Burunda cordon, moss and leaf litter among sedge-gramineous tussocks and under young growth of *Betula* sp. on wide open swamp, 04.X.2004, leg. A.R.; 4 ♀♀, Burunda River near Ozyorniy Rill mouth, Plant debris and mosses among tussocks of *Carex* spp. and Poaceae with *Spiraea* sp., *Vicia* sp., *Plagiomnium* sp. on open flood-plain depression with tracks of *Capreolus capreolus*, 01.X.2004, leg. A.R.; 2 ♂♂, 1 ♀, N.N.R. (buffer zone), Burunda River basin, 1.5–2 km NW of Burunda cordon, mosses and plant debris on swamp near Kamyshovoye Lake: *Sphagnum* spp., *Hypnum* sp., dense growth of *Chamaedaphne calyculata*, *Mentha trifoliata*, *Comarum palustre*, *Eriophorum* sp., separate tussocks of *Carex* sp., sparse Poaceae, etc., 13.IX.2004, leg. A.R.; 1 ♂, Selemdzha River basin, flood-plain of Aldikon River near Norsk, mosses and leaf litter under *Salix* sp. and along the edge of open sedge-gramineous tussock swamp, 05.IX.2004, leg. A.R.; 3 ♀♀, N.N.R. (buffer zone), Burunda River basin near Burunda cordon, plant debris and mosses on swampy sides of flood-plain lake: *Carex* spp., Poaceae, *Spiraea* sp., sparse *Climacium* sp., *Hypnum* sp., *Sphagnum* sp., *Polytrichum* sp., etc., 09.IX.2004, leg. A.R.; 2 ♂♂, 3 ♀♀, N.N.R. (buffer zone), Burunda River basin, 0.5–0.7 km NW of Burunda cordon, sedge-gramineous swamp with *Sphagnum ?girsensobnii* and true mosses around lake, 10.IX.2004, leg. A.R.; 1 ♂, 1 ♀, N.N.R. (buffer zone), Burunda River basin, 2.5 km SE of Burunda cordon, small true mosses and plant debris among *Carex* spp. on sand, small shingles and clay along dried ephemeral stream near border of complex swamp, 21.IX.2004, leg. A.R.; 4 ♂♂, N.N.R. (buffer zone), Burunda River basin, 2.5 km SE of Burunda cordon, mosses and plant debris on large burnt swamp with *Vaccinium uliginosum*, *Ledum palustre*, *Chamaedaphne calyculata*, *Eriophorum* sp., *Carex* sp., Poaceae, *Betula ovalifolia*, *Sphagnum squarrosum*, *Sph.* spp., *Polytrichum* sp., *Hypnum* sp., small true mosses, etc., 23.IX.2004, leg. A.R.; 3 ♀♀, Burunda River basin, Korolikha Mt., steep rocky slope: mosses and leaf litter under *Betula platyphylla* u *Larix gmelinii* c *Rhododendron* sp., *Hylocomium splendens*, *Pleurozium schreberi*, etc., 03.X.2004, leg. A.R.

DISTRIBUTION. Middle and East Siberia, Cisokhotia, Sakhalin; South Siberia: Sayan. Recorded also from Mongolia.

*Savignia badzhalensis* Eskov, 1991

MATERIAL. 3 ♂♂, 1 ♀, Amurskaya Area, Selemdzhinsky District, Selemdzha River basin, 51 km below Ekimchan, near Angelokit Rill, 405–410 m, mosses and leaf litter on steep rocky burnt slope above rill: *Picea ajanensis*, *Abies nephrolepis*, *Hylocomium splendens*, *Pleurozium schreberi*, *Sphagnum* spp., etc., 06.VIII.2005, leg. A.R.

DISTRIBUTION. Amurskaya and Khabarovsk provinces.

*Savignia basarukini* Eskov, 1988

MATERIAL. 2 ♂♂, 4 ♀♀, Amurskaya Area, Selemdzhinsky District, Selemdzha River basin, Aldikon River bank near Norsk, leaf litter under *Salix* spp. near water. 05.IX.2004, leg. A.R.

DISTRIBUTION. Amurskaya and Khabarovsk provinces, Sakhalin.

*Savignia bureensis* Tanasevitch et Trilikauskas, 2006

MATERIAL. 1 ♂, 1 ♀, near border of N.N.R., left side of Selemdzha River opposite Dvadsatikhha cordon, mosses, leaf litter and plant debris on and under rocky denudation: *Alnus* sp., *Salix* spp., *Picea ajanensis*, *Abies nephrolepis*, *Tilia amurensis*, *Betula platyphylla*, *B. daburica*, *Populus tremula*, *Oxalis acetosella*, *Dryopteris fragrans*, *Matteuccia struthiopteris*, *Pleurozium schreberi*, *Hylocomium splendens*, etc., 05.VIII.2004, leg. A.R.; 3 ♂♂, 6 ♀♀, N.N.R. (buffer zone), Burunda River basin, 1.5–2 km SE of Burunda cordon, mosses and leaf litter under *Betula platyphylla* with *Ledum palustre*, *Chamaedaphne calyculata*, *Salix* sp., *Sphagnum* spp., *Hypnum* sp., Poaceae, etc., 06.X.2004, leg. A.R.; 1 ♂, 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. on narrow, partly submerged, spit between river and lake, 03.IX.2004, leg. A.R.; 2 ♂♂, near border of buffer zone of N.N.R., Burunda River basin, 9 km SE of Burunda cordon, mosses and leaf litter in sparse growth of burnt *Betula platyphylla* and *Larix gmelinii* with spots of *Alnus* sp., dense growth of *Ledum palustre*, *Vaccinium uliginosum*, *V. vitis-idaea* on gentle slope, 20.IX.2004, leg. A.R.

DISTRIBUTION. Amurskaya and Khabarovsk provinces.

*Savignia ussurica* Eskov, 1988

MATERIAL. 1 ♂, N.N.R. (buffer zone), Burunda River basin, 1 km NW of Burunda cordon, mosses and leaf litter in *Alnus* forest with Poaceae, *Rubus idaeus*, *R. arcticus*, *R. humilifolius*, *Urtica* sp., sparse *Carex* sp. and *Trientalis europaea* near rill, 17.IX.2004, leg. A.R.

DISTRIBUTION. Amurskaya, Khabarovsk and Maritime provinces.

*Savignia zero* Eskov, 1988

MATERIAL. 3 ♂♂, 2 ♀♀, N.N.R., Burunda River near Ozyorniy Rill mouth, Plant debris and mosses among tussocks of *Carex* spp. and Poaceae with *Spiraea* sp., *Vicia* sp., *Plagiomnium* sp. on open flood-plain depression with tracks of *Capreolus capreolus*, 01.X.2004, leg. A.R.; 1 ♂, N.N.R. (buffer zone), Burunda River basin near Burunda cordon, plant debris and mosses on swampy sides of flood-plain lake: *Carex* spp., Poaceae, *Spiraea* sp., sparse *Climacium* sp., *Hypnum* sp., *Sphagnum* sp., *Polytrichum* sp., etc., 09.IX.2004, leg. A.R.; 1 ♂, 3 ♀♀, Meun River mouth, mosses, leaf litter and plant debris on swamp between natural levee and steep slope of bald mountain: *Spiraea* spp., *Alnus* sp., *Padus* sp., *Salix* spp., *Carex* spp., *Filipendula palmata*, etc., 09.VII.2005, leg. A.R.; 1 ♂, 2 ♀♀, Nora River

below Maltsevskiy cordon, leaf litter under *Salix* spp. and *Alnus* sp. on narrow, partly submerged, spit between the river and the lake, 10.VI.2005, leg. E.V. & A.R.

DISTRIBUTION. East Siberia, Cisokhotia; Amurskaya, Khabarovsk and Maritime provinces.

*Scotinotylus amurensis* Eskov et Marusik, 1994

MATERIAL. 1 ♂, 4 ♀♀, near border of buffer zone of N.N.R., Burunda River basin, near Meunchik River, 500–700 m up-stream of mouth, in rotten wood of fallen larch trunk, 16.IX.2004, leg. A.R.

DISTRIBUTION. Amurskaya, Khabarovsk and Maritime provinces.

*Scotinotylus kimjoopili* Eskov et Marusik, 1994

MATERIAL. 1 ♂, N.N.R., Nora River, 0.5 km up-stream of Mt. Gryashchinskaya, mosses and leaf litter under *Betula platyphylla* and *Larix gmelinii* with *Calamagrostis* sp., *Equisetum sylvaticum*, *E. pratense*, *Maianthemum bifolium*, *Polygonatum* sp. in burnt forest along river bank, 27.VIII.2004, leg. A.R.; 1 ♂, N.N.R. (buffer zone), Burunda River basin, 6 km SE of Burunda cordon, mosses and leaf litter on wide swamp with hummocks of *Sphagnum* spp., *Vaccinium uliginosum*, *Ledum palustre*, *Carex* spp., undergrowth of *Betula ?fruticosa*, etc., 21.IX.2004, leg. A.R.

DISTRIBUTION. Amurskaya, Khabarovsk and Maritime provinces, Sakhalin.

*Scotinotylus levii* Marusik, 1988

MATERIAL. 1 ♂, 3 ♀♀, N.N.R., right bank of Nora River, Ostraya Mt., mosses and leaf litter on rocky denudation, 23.VIII.2004, leg. A.R.; 2 ♂♂, 5 ♀♀, Nora River, Mt. Gryashchinskaya, mosses and leaf litter on steep rocky slope with *Betula platyphylla*, *Alnus* sp., *Sorbus sibirica*, *Swida alba*, undergrowth of *Acer ukurunduense*, *Pleurozium schreberi*, *Hylocomium splendens*, *Dicranum* sp., *Ptilium crista-castrensis*, *Sphagnum ?girgensobnii*, *Dryopteris fragrans*, etc., 25.VIII.2004, leg. A.R.; 3 ♀♀, Burunda River basin, Korolikha Mt., steep rocky slope: mosses and leaf litter under *Betula platyphylla* v *Larix gmelinii* c *Rhododendron* sp., *Hylocomium splendens*, *Pleurozium schreberi*, etc., 03.X.2004, leg. A.R.; 1 ♀, Meun River mouth, steep slope of Ust'-Meunskaya Mt., mosses and leaf litter on rocks and at their foot: ferns, *Acer ukurunduense*, *Padus* sp., etc., 14.VII.2005, leg. A.R.

DISTRIBUTION. Cisokhotia, Sakhalin; Amurskaya and Khabarovsk provinces.

*Semljicola lapponicus* (Holm, 1939)

MATERIAL. 3 ♂♂, N.N.R., Burunda River near Ozyorniy Rill mouth, mosses and plant debris among sedge-gramineous tussocks on very gentle slope near intermittent channel: *Carex* spp., *Calamagrostis* sp., *Polytrichum* sp. and other true mosses, *Spiraea* sp., etc., 27.IX.2004, leg. A.R.; 1 ♂, 1 ♀, Nora River basin, 2 km up-stream of Mt. Gryashchinskaya, mosses and plant debris on small open swamp on high flood-plain: tussocks of *Calamagrostis* sp. and *Carex* spp. with *Sphagnum ?girgensobnii*, *Sph. squarrosum*, *Sph. centrale*, *Sph.* spp., *Rubus arcticus*, *Convallaria keiskei*, *Salix* sp., etc., 22.VIII.2004, leg. A.R.; 1 ♂, Nora River basin near Meun River mouth, small swamp with *Carex* spp., Poaceae & *Sphagnum squarrosum*, 20.VIII.2004, leg. A.R.; 1 ♀, Meun River mouth, plant debris among *Carex* spp. & *Equisetum* sp. and leaf litter under *Salix* spp. & *Alnus* sp. on low bank of creek, 21.VIII.2004, leg. A.R.; 6 ♂♂, 7 ♀♀, N.N.R. (buffer zone), Burunda River basin near Burunda cordon, plant debris and mosses on swampy sides of flood-

plain lake: *Carex* spp., Poaceae, *Spiraea* sp., sparse *Climacium* sp., *Hypnum* sp., *Sphagnum* sp., *Polytrichum* sp., etc., 09.IX.2004, leg. A.R.; 1 ♀, Burunda River near Ozyornyi Rill mouth, Plant debris and mosses among tussocks of *Carex* spp. and Poaceae with *Spiraea* sp., *Vicia* sp., small true mosses on gently sloping side of small flood-plain lake, 02.X.2004, leg. A.R.

DISTRIBUTION. Northern Europe; West, Middle and East Siberia, Cisokhotia, Khabarovsk Prov.

#### *Silometopoides koponeni* (Eskov et Marusik, 1994)

MATERIAL. 1 ♂, N.N.R., right bank of Meun River near mouth, mosses and litter in spruce forest with *Maianthemum bifolium*, *Trientalis europaea*, *Equisetum pratense*, *Hylocomium splendens*, *Pleurozium schreberi*, etc., 18.VIII.2004, leg. A.R.; 1 ♀, Nora River below Maltsevskiy cordon, leaf litter under *Salix* spp. and *Ahnus* sp. on narrow, partly submerged, spit between the river and the lake, 10.VI.2005, leg. E.V. & A.R.

DISTRIBUTION. East Siberia, Amurskaya Area.

#### *Silometopoides pampia* (Chamberlin, 1948)

MATERIAL. 1 ♂, N.N.R., Burunda River near Ozyornyi Rill mouth, mosses and plant debris among sedge-gramineous tussocks on very gentle slope near intermittent channel: *Carex* spp., *Calamagrostis* sp., *Polytrichum* sp. and other true mosses, *Spiraea* sp., etc., 27.IX.2004, leg. A.R.; 1 ♀, Selemdzha River basin, flood-plain of Aldikon River near Norsk, mosses and leaf litter under *Salix* sp. and along the edge of open sedge-gramineous tussock swamp, 05.IX.2004, leg. A.R.

DISTRIBUTION. East Siberia, Chukotka, Amurskaya Area; known from Mongolia. In the Nearctic: British Columbia, Saskatchewan, Yukon, Northern Territories.

#### *Silometopoides sphagnicolus* Eskov et Marusik, 1992

MATERIAL. 1 ♀, N.N.R., Nora River basin, 2 km up-stream of Mt. Gryashchinskaya, mosses and plant debris on small open swamp on high flood-plain: tussocks of *Calamagrostis* sp. and *Carex* spp. with *Sphagnum ?gigensobnii*, *Sph. squarrosum*, *Sph. centrale*, *Sph. spp.*, *Rubus arcticus*, *Convallaria keiskei*, *Salix* sp., etc., 22.VIII.2004, leg. A.R.

DISTRIBUTION. Yamal Peninsula, Middle and West Siberia, Kamchatka; through the mountains of South Siberia via the Lake Baikal region eastward to Khabarovsk Prov.

#### *Stemonyphantes sibiricus* (Grube, 1861)

MATERIAL. 1 ♀, N.N.R. (buffer zone), Burunda River basin, 1 km SE of Burunda cordon, moss and leaf litter among sedge-gramineous tussocks and under young growth of *Betula* sp. on wide open swamp, 04.X.2004, leg. A.R.

DISTRIBUTION. West, Middle and East Siberia, Chukotka, Cisokhotia, Kamchatka, the Kurile Islands and Sakhalin; through the mountains of South Siberia via the Lake Baikal region eastward to Khabarovsk and Maritime provinces. Known also from Mongolia.

#### *Tanasevitchia uralensis* (Tanasevitch, 1983)

MATERIAL. 4 ♂♂, 5 ♀♀, Amurskaya Area, Selemdzhinsky District, right side of Selemdzha River between Ekimchan and mouth of Ogodzha River, Sypuchaya Mt., mosses, lichens and leaf litter among stones, 09.VIII.2005, leg. A.R.

DISTRIBUTION. Siberia: from the Urals eastward to Kolyma River basin, Cisokhotia; South Siberia: Tuva; Amurskaya Prov.

#### *Tapinocyba kolymensis* Eskov, 1989

MATERIAL. 1 ♀, Amurskaya Area, Selemdzhinsky District, Burunda River, 2–3 km up-stream of Burunda cordon, shingle-sandy spit: among shingles and in leaf litter under *Salix* sp. with Poaceae, *Dianthus* sp., etc., 24.IX.2004, leg. A.R.

DISTRIBUTION. East Siberia, Chukotka, Cisokhotia, Amurskaya, Khabarovsk and Maritime provinces, Sakhalin. Known also from China.

#### *Theoneta aterrima* (Eskov et Marusik, 1991)

MATERIAL. 1 ♀, Amurskaya Area, Mazanovskiy District, right bank of Nora River below Ostraya Mt., mosses and leaf litter under *Ahnus* sp., *Padus* sp., *Spiraea* sp. with *Matteuccia struthiopteris*, Poaceae, *Carex* spp. on high bank of river, 23.VII.2005, leg. A.R.; 1 ♂, Selemdzha River basin, 51 km below Ekimchan, near Angelokit Rill, 405–410 m, mosses and leaf litter on steep rocky burnt slope above rill: *Picea ajanensis*, *Abies nephrolepis*, *Hylocomium splendens*, *Pleurozium schreberi*, *Sphagnum* spp., etc., 06.VIII.2005, leg. A.R.

DISTRIBUTION. Amurskaya and Khabarovsk provinces.

#### *Thyreosthenius parasiticus* (Westring, 1851)

MATERIAL. 1 ♀, N.N.R., Nora River basin near Maltsevskiy cordon, in rotten wood and under bark of aspen and birch stumps, 01.IX.2004, leg. A.R.; 1 ♀, Selemdzha River basin, 3–4 km up-stream of Norsk, in leaf litter and in sweeping on motley grass in forest with *Betula davurica* and *B. platyphylla*, 07.IX.2004, leg. A.R.

DISTRIBUTION. Europe, the Caucasus; in Siberia known from the Urals eastward to Kamchatka, the Kurile Islands, Sakhalin; Altai Mts. (South Siberia), Amurskaya Area. Known also in Mongolia. Widespread in the Nearctic.

#### *Tibioploides arcuatus* (Tullgren, 1955)

MATERIAL. 2 ♀♀, N.N.R., Nora River basin near Meunskiy cordon, mosses and plant debris at flood-plain of a rill: *Ahnus* sp., *Carex* spp., Poaceae, *Trientalis europaea*, *Convallaria keiskei*, *Sphagnum squarrosum*, *Sph. spp.*, *Hypnum* sp., etc., 18.VIII.2004, leg. A.R.; 1 ♂, N.N.R. (buffer zone), Burunda River basin, 2.5 km SE of Burunda cordon, small true mosses and plant debris among *Carex* spp. on sand, small shingles and clay along dried ephemeral stream near border of complex swamp, 21.IX.2004, leg. A.R.; 4 ♀♀, lower reaches of Chervinka River, mosses, ferns, leaf litter, plant debris on banks of river and intermittent rill with tussocks of *Carex* spp., Poaceae, *Spiraea* spp., *Salix* spp., *Betula ?fruticosa*, undergrowth of *Betula platyphylla*, etc., 30.VI.2005, leg. E.V. & A.R.; 1 ♀, Selemdzha River basin, 1.5 km NE of Dvadsatikhka cordon, banks and flood-plain of a rill inflowing to lake, mosses and leaf litter under *Salix* spp., *Ahnus* sp., undergrowth of *Betula platyphylla* and *Populus tremula*, *Spiraea* spp. with Poaceae, *Carex* spp., *Trollius* sp., *Filipendula palmata*, ferns, *Sphagnum* spp., *Polytrichum* spp., *Hypnum* sp., *Plagiommium* sp., etc., 26.VI.2005, leg. E.V. & A.R.; 1 ♂, 3 ♀♀, Nora River basin near Meunskiy cordon, mosses and plant debris on flood-plain of intermittent rill with *Ahnus* sp., *Carex* spp., Poaceae, *Trientalis europaea*, *Convallaria keiskei*, *Sphagnum squarrosum*, *Sph. ?gigensobnii*, *Sph. spp.*, *Hypnum* sp., etc., 08.VII.2005, leg. A.R.; 1 ♀, lower reaches of Chervinka River, mosses, plant debris, leaf litter on wide swamp with tussocks of *Carex* spp. and Poaceae gen. spp. with *Salix* spp., *Ahnus* sp., *Betula fruticosa*, *Ledum palustre*, *Chamaedaphne calyculata*, *Vaccinium uliginosum*, undergrowth and young trees of *Betula platyphylla* and *Populus tremula*, individual trees of *Larix gmelinii*, *Sphagnum squarrosum*, *Sph. spp.*, *Polytrichum* spp., etc., 02.VII.2005, leg. E.V. & A.R.

**DISTRIBUTION.** Northern Europe; in Siberia known from the Urals eastward to East Siberia, the Kurile Islands, Sakhalin; through the mountains of South Siberia via the Lake Baikal region eastward to Khabarovsk and Maritime provinces.

*Tibioploides pacificus* Eskov et Marusik, 1991

**MATERIAL.** 1 ♀, near border of N.N.R., island on Seledzha River near Dvadsatikhha cordon, leaf litter, moss and drift in the heart of the island: among *Salix* spp., *Populus* sp., *Picea ajanensis*, *Abies nephrolepis*, *Alnus* sp., *Larix gmelinii* with Poaceae, *Carex* sp., etc., 06.VIII.2004, leg. A.R.; 1 ♀, Meun River mouth, plant debris among *Carex* spp. & *Equisetum* sp. and leaf litter under *Salix* spp. & *Alnus* sp. on low bank of creek, 21.VIII.2004, leg. A.R.; 1 ♀, 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. on narrow, partly submerged, spit between river and lake, 03.IX.2004, leg. A.R.; 1 ♀, Seledzha River basin, 2 km up-stream of Norsk, mosses and plant debris among *Carex* spp., Poaceae, *Filipendula palmata*, *Spiraea* sp., *Salix* sp., *Padus* sp. on swampy side of small drainage lake (dammed rill), 06.IX.2004, leg. A.R.; 1 ♀, near border of buffer zone of N.N.R., Burunda River basin, loamy bank of Meunchik River, 500–700 m up-stream of mouth, on soil, in mosses and plant debris among *Carex* spp., Poaceae, *Filipendula palmata* under *Alnus* sp., *Salix* sp., and *Spiraea* sp., 16.IX.2004, leg. A.R.; 1 ♀, Mazanovskiy District, Seledzha River below Nora River mouth, N slope of Ust'-Norskaya Mt., 220 m, mosses and leaf litter among stones and under *Betula platyphylla*, *B. davurica*, *Acer ukurunduense*, *Corylus mandshurica*, etc., 30.VII.2005, leg. A.R.; 1 ♀, Mazanovskiy District, right bank of Nora River, channel of intermittent rill in fold of Ostraya Mt., mosses and leaf litter under *Padus* sp., *Alnus* sp., *Acer ukurunduense*, *Betula platyphylla*, etc., 23.VII.2005, leg. A.R.

**DISTRIBUTION.** East Siberia, Cisokhotia, Amurskaya and Khabarovsk provinces, Sakhalin.

*Tibioplus diversus* (L.Koch, 1879)

**MATERIAL.** 1 ♀, N.N.R., Burunda River near Ozyorny Rill mouth, mosses and leaf litter under *Betula platyphylla* u *Larix gmelinii* in birch forest with larch undergrowth, *Ledum palustre*, *Vaccinium vitis-idaea*, *Equisetum pratense*, *Pleurozium schreberi*, *Hylocomium splendens* on hill near river bank, 29.IX.2004, leg. A.R.; 1 ♀, N.N.R. (buffer zone), Burunda River basin, 2 km SE of Burunda cordon, leaf litter in young dense larch forest with sparse *Alnus* sp., Poaceae, *Equisetum* sp. and under old larch tree on hill, 22.IX.2004, leg. A.R.

**DISTRIBUTION.** Throughout the Holarctic.

*Tmeticus tolli* Kulczyński, 1908

**MATERIAL.** 2 ♂♂, N.N.R., Burunda River bank, 2.5 km below Burunda cordon, on soil, in organic drift on wet sand, and in plant debris among *Carex* spp. and Poaceae under *Salix* spp. along base of shingle-sandy spit, 15.IX.2004, leg. A.R.; 3 ♂♂, 2 ♀♀, N.N.R. (buffer zone), Burunda River, 1 km below Burunda cordon, mosses (*Plagiommium* sp. etc.) and leaf litter under *Salix* sp. with Poaceae, *Carex* sp., *Filipendula palmata*, *Pyrola* sp. along base of shingle-sandy spit, 25.IX.2004, leg. A.R.

**DISTRIBUTION.** Siberia: from Yenisey River to Chukotka, Cisokhotia; Kamchatka, Sakhalin; Amurskaya and Khabarovsk provinces.

*Tubercithorax furcifer* Eskov, 1988

**MATERIAL.** 5 ♂♂, 6 ♀♀, N.N.R., right bank of Meun River near mouth, mosses and litter in spruce forest with *Maianthe-*

*mum bifolium*, *Trientalis europaea*, *Equisetum pratense*, *Hylocomium splendens*, *Pleurozium schreberi* 18.VIII.2004, leg. A.R.; 40 ♂♂ & ♀♀, N.N.R. (buffer zone), Burunda River basin, 1 km NW of Burunda cordon, mosses and leaf litter in swampy forest with tussocks and old stumps on very gentle slope near rill bank: *Larix gmelinii*, *Alnus* sp., *Betula platyphylla*, *Calamagrostis* sp., *Carex* sp., *Rubus arcticus*, *Convallaria keiskei*, *Sphagnum squarrosum*, *Sph. ?girgensohnii*, *Sph. sp.*, *Ptilium crista-castrensis*, *Hylocomium splendens*, *Dicranum* sp., etc., 12.IX.2004, leg. A.R.; 2 ♀♀, Meun River mouth, leaf litter under *Betula platyphylla*, *Abies nephrolepis*, *Picea ajanensis*, *Populus tremula* with Poaceae gen. spp., *Carex* spp., Fabaceae gen. spp., *Filipendula palmata*, *Equisetum sylvaticum*, *Rosa* sp. on natural levee, 09.VII.2005, leg. A.R.; 2 ♂♂, 1 ♀, N.N.R. (buffer zone), right side of Meun River near mouth, mosses and litter in *Picea ajanensis* forest with *Abies nephrolepis* and *Populus* spp., *Maianthemum bifolium*, *Trientalis europaea*, *Equisetum pratense*, *E. sylvaticum*, *Hylocomium splendens*, *Pleurozium schreberi*, etc., 11.VII.2005, leg. A.R.

**DISTRIBUTION.** East Siberia, Cisokhotia, Sakhalin; Amurskaya Prov.

*Ummeliata sibirica* (Eskov, 1980)

**MATERIAL.** 1 ♀, N.N.R., Nora River basin, 1.5 km up-stream of Mt. Gryashchinskaya, moss and plant debris on *Carex-Eriophorum* swamp with *Chamaedaphne calyculata*, graminaceous admixture, *Comarum palustre*, *Salix* sp., *Vaccinium uliginosum*, *Sphagnum* spp., etc., 25.VIII.2004, leg. A.R.; 5 ♂♂, 4 ♀♀, Nora River basin, 2 km up-stream of Mt. Gryashchinskaya, mosses and plant debris on small open swamp on high flood-plain: tussocks of *Calamagrostis* sp. and *Carex* spp. with *Sphagnum ?girgensohnii*, *Sph. squarrosum*, *Sph. centrale*, *Sph. spp.*, *Rubus arcticus*, *Convallaria keiskei*, *Salix* sp., etc., 22.VIII.2004, leg. A.R.; 1 ♀, Nora River basin, 1.5 km up-stream of Mt. Gryashchinskaya, mosses and plant debris on open swamp along lake side: tussocks of *Carex* spp. and Poaceae with *Sphagnum ?girgensohnii*, *Sph. ?angustifolium*, *Sph. ?magellanicum*, *Sph. squarrosum*, *Sph. spp.*, *Chamaedaphne calyculata*, *Vaccinium uliginosum*, sparse *Ledum palustre*, *Salix* sp., *Betula ?fruticosa*, etc., 24.VIII.2004, leg. A.R.; 3 ♂♂, 7 ♀♀, N.N.R. (buffer zone), Burunda River basin near Burunda cordon, plant debris and mosses on swampy sides of flood-plain lake: *Carex* spp., Poaceae, *Spiraea* sp., sparse *Climacium* sp., *Hypnum* sp., *Sphagnum* sp., *Polytrichum* sp., etc., 09.IX.2004, leg. A.R.

**DISTRIBUTION.** Middle Siberia; through the mountains of South Siberia via the Lake Baikal region eastward to Khabarovsk and Maritime provinces.

*Wabasso tungusicus* Eskov, 1988

**MATERIAL.** 2 ♂♂, 4 ♀♀, Amurskaya Area, Seledzhsinsky District, Norskiy Nature Reserve (52°20'N, 129°19'E), Nora River basin near Meun River mouth, small swamp with *Carex* spp., Poaceae & *Sphagnum squarrosum*, 19.VIII.2004, leg. A.R.; 3 ♂♂, 13 ♀♀, same, small swamp with *Carex* spp., Poaceae & *Sphagnum squarrosum*, 20.VIII.2004, leg. A.R.; 3 ♂♂, 2 ♀♀, same, right bank of Nora River near Meunskiy cordon, shingles, silt, clay, mosses and leaf litter under *Salix* sp. and *Alnus* sp., 20.VIII.2004, leg. A.R.; 1 ♂, same, mosses and plant debris on swampy flood-plain lakeside: *Carex* spp., *Calamagrostis* sp., *Filipendula palmata*, *Geranium* sp., *Comarum palustre*, *Spiraea* sp., *Salix* sp., *Sphagnum girgensohnii*, *Sph. squarrosum*, *Polytrichum commune*, *Climacium* sp., *Iris* sp., 28.VIII.2004, leg. A.R.; 1 ♂, 7 ♀♀, same, Meun River mouth, plant debris among *Carex* spp. & *Equisetum* sp. and leaf litter under *Salix* spp. & *Alnus* sp. on low bank of creek, 21.VIII.2004, leg. A.R.; 1 ♀, same, rill (left confluent of Nora River) up-stream of Mt. Gryashchinskaya, true mosses and plant debris among *Carex* spp., Poaceae, *Alnus* sp., *Padus* sp., *Salix* sp., 26.VIII.2004, leg. A.R.; 4 ♀♀, Norskiy Nature Reserve (buffer zone), Burunda River basin, 0.5–0.7 km

NW of Burunda cordon, sedge-gramineous (mesotrophic) swamp with *Sphagnum girgensohnii* and true mosses around lake, 10.IX.2004, leg. A.R.; 1 ♀♀, same, Meunchik River bank: mosses and plant debris on stones near water, *Carex* spp., Poaceae, *Spiraea* sp., 14.IX.2004, leg. A.R.; 2 ♂♂, 4 ♀♀, same, 1 km below Burunda cordon, mosses (*Plagiomnium* sp., etc.) and leaf litter under *Salix* sp. with Poaceae, *Carex* sp., *Filipendula palmata*, *Pyrola* sp., along base of shingle-sandy spit, 25.IX.2004, leg. A.R.; 7 ♀♀, same, Burunda River near Ozyornyi Rill mouth, mosses and plant debris among sedge-gramineous tussocks on gentle slope near intermittent channel: *Carex* spp., *Calamagrostis* sp., *Polytrichum* sp. and other true mosses, *Spiraea* sp., etc., 27.IX.2004, leg. A.R.; 1 ♀, same, mosses and leaf litter under *Salix* sp. and *Alnus* sp. with separate tussocks of *Carex* sp., *Plagiomnium* sp., etc. on flood-plain (near old channel), 30.IX.2004, leg. A.R.; 2 ♂♂, 2 ♀♀, same, plant debris and mosses among tussocks of *Carex* spp. and Poaceae with *Spiraea* sp., *Vicia* sp., true mosses on gently sloping side of small flood-plain lake, 2.X.2004, leg. A.R.; 1 ♂, 6 ♀♀, same, Nora River basin near Meunskiy cordon, sweeping on *Carex* spp., *Eriophorum* spp., Poaceae with *Sphagnum* spp. along swampy road to Dlinnoye Lake, 13.VII.2005, leg. A.R.; 2 ♀♀, same, rill (left confluent of Nora River), 1 km up-stream of Mt. Gryashchinskaya, true mosses and plant debris among *Carex* spp., Poaceae, *Alnus* sp., *Padus* sp., *Salix* sp., 22.VII.2005, leg. A.R.

**DISTRIBUTION.** Middle Siberia, Cisokhotia, Amurskaya and Khabarovsk provinces.

#### *Walckenaeria auranticeps* (Emerton, 1882)

**MATERIAL.** 1 ♂, N.N.R. (buffer zone), Burunda River basin, 1 km SE of Burunda cordon, moss and leaf litter among sedge-gramineous tussocks and under young growth of *Betula* sp. on wide open swamp, 04.X.2004, leg. A.R.; 1 ♀, lower reaches of Chervinka River, mosses, plant debris, leaf litter on wide swamp with tussocks of *Carex* spp. and Poaceae gen. spp. with *Salix* spp., *Alnus* sp., *Betula fruticosa*, *Ledum palustre*, *Chamaedaphne calyculata*, *Vaccinium uliginosum*, undergrowth and young trees of *Betula platyphylla* and *Populus tremula*, individual trees of *Larix gmelinii*, *Sphagnum squarrosum*, *Sph.* spp., *Polytrichum* spp., etc., 02.VII.2005, leg. E.V. & A.R.

**DISTRIBUTION.** East Siberia, Cisokhotia; in South Siberia known from Tuva and Sayan, Amurskaya and Khabarovsk provinces. Widespread in the Nearctic.

#### *Walckenaeria fraudatrix* Millidge, 1983

**MATERIAL.** 1 ♂, N.N.R. (buffer zone), Burunda River basin, 1 km NW of Burunda cordon, mosses and leaf litter in swampy forest with tussocks and old stumps on very gentle slope near rill bank: *Larix gmelinii*, *Alnus* sp., *Betula platyphylla*, *Calamagrostis* sp., *Carex* sp., *Rubus arcticus*, *Convallaria keiskei*, *Sphagnum squarrosum*, *Sph.* ?*girgensohnii*, *Sph.* sp., *Ptilium crista-castrensis*, *Hylocomium splendens*, *Dicranum* sp., etc., 12.IX.2004, leg. A.R.; 1 ♀, Nora River basin near Meunskiy cordon, mosses and leaf litter in forest on very gentle slope: *Betula platyphylla*, *Larix gmelinii*, *Rhododendron* sp., *Alnus* sp., *Ledum palustre*, *Vaccinium vitis-idaea*, *V. uliginosum*, *Calamagrostis* sp., *Maianthemum bifolium*, *Carex ?globularis*, *Trientalis europaea*, *Polytrichum commune*, etc., 08.VII.2005, leg. A.R.

**DISTRIBUTION.** Siberia: from Yenisey River to Chukotka, Cisokhotia; the Lake Baikal region, Amurskaya, Khabarovsk and Maritime provinces, Sakhalin. Known also from Mongolia. In the Nearctic, occurs in Alaska and Yukon.

#### *Walckenaeria karpinskii* (O. Pickard-Cambridge, 1873)

**MATERIAL.** 2 ♂♂, 1 ♀, N.N.R., Nora River basin near Meunskiy cordon, mosses and plant debris in forest at rill

valley: *Betula platyphylla*, *Larix gmelinii*, *Rhododendron* sp., *Alnus* sp., *Ledum palustre*, *Vaccinium vitis-idaea*, *Calamagrostis* sp., *Maianthemum bifolium*, *Carex ?globularis*, *Trientalis europaea*, *Polytrichum commune*, etc., 16.VIII.2004, leg. A.R.; 2 ♀♀, right bank of Meun River near mouth, mosses and litter in spruce forest with *Maianthemum bifolium*, *Trientalis europaea*, *Equisetum pratense*, *Hylocomium splendens*, *Pleurozium schreberi*, etc., 18.VIII.2004, leg. A.R.; 2 ♂♂, 1 ♀, Nora River, Mt. Gryashchinskaya, mosses and leaf litter on steep rocky slope with *Betula platyphylla*, *Alnus* sp., *Sorbus sibirica*, *Swida alba*, undergrowth of *Acer ukurunduense*, *Pleurozium schreberi*, *Hylocomium splendens*, *Dicranum* sp., *Ptilium crista-castrensis*, *Sphagnum ?girgensohnii*, *Dryopteris fragrans*, etc., 25.VIII.2004, leg. A.R.; 1 ♂, 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. on narrow, partly submerged, spit between river and lake, 02.IX.2004, leg. A.R.; 1 ♀, N.N.R. (buffer zone), Burunda River basin, 4.5 km NW of Burunda cordon, mosses and leaf litter in slope forest under *Betula platyphylla*, *Larix gmelinii* with *Ledum palustre*, *Rhododendron* sp., *Alnus* sp., *Pleurozium schreberi*, *Hylocomium splendens*, etc., 14.IX.2004, leg. A.R.; 2 ♂♂, 1 ♀, N.N.R. (buffer zone), Burunda River basin, 2 km SE of Burunda cordon, leaf litter in young dense larch forest with sparse *Alnus* sp., Poaceae, *Equisetum* sp. and under old larch tree on hill, 22.IX.2004, leg. A.R.; 1 ♀, Mazanovskiy District, right bank of Nora River below Ostraya Mt., mosses and leaf litter under *Alnus* sp., *Padus* sp., *Spiraea* sp. with *Matteuccia struthiopteris*, Poaceae, *Carex* spp. on high bank of river, 23.VII.2005, leg. A.R.; 1 ♀, Nora River near Maltsevskiy cordon, mosses, leaf litter under *Alnus* sp., *Padus* sp., *Salix* spp. with ferns, Poaceae, *Carex* spp., etc., on clayish slumping bank, 17.VI.2005, leg. E.V. & A.R.; 1 ♀, Nora River below Maltsevskiy cordon, leaf litter under *Salix* spp. and *Alnus* sp. on narrow, partly submerged, spit between the river and the lake, 10.VI.2005, leg. E.V. & A.R.

**DISTRIBUTION.** Northern Europe, Spitsbergen; in Siberia distributed from the Urals eastward to Chukotka, Cisokhotia, Kamchatka, Sakhalin; through the mountains of South Siberia via the Lake Baikal region eastward to Khabarovsk and Maritime provinces. Registered also from Mongolia and China. Widespread in the northern Nearctic.

#### *Walckenaeria korobeinikovi* Esyunin et Efimik, 1996

**MATERIAL.** 1 ♀, N.N.R., Nora River basin near Meunskiy cordon, mosses and plant debris at flood-plain of a rill: *Alnus* sp., *Carex* spp., Poaceae, *Trientalis europaea*, *Convallaria keiskei*, *Sphagnum squarrosum*, *Sph.* spp., *Hypnum* sp., etc., 18.VIII.2004, leg. A.R.; 2 ♂♂, 1 ♀, N.N.R. (buffer zone), Burunda River basin, 1 km SE of Burunda cordon, mosses and plant debris among sedge tussocks on wide *Carex-Eriophorum*-gramineous swamp with small true mosses, *Sphagnum squarrosum*, *Sph.* sp., *Ledum palustre*, *Vaccinium uliginosum*, sparse *Salix* sp., young growth of *Betula* sp., etc., 21.IX.2004, leg. A.R.; 1 ♂, 1 ♀, N.N.R. (buffer zone), Burunda River basin, 1.5 km NW of Burunda cordon, plant debris among tussocks of *Carex* spp. under sparse *Alnus* sp. with young growth of *Larix gmelinii* along rill bank near road, 17.IX.2004, leg. A.R.; 1 ♂, 1 ♀, N.N.R. (buffer zone), Burunda River basin, 0.5–0.7 km NW of Burunda cordon, sedge-gramineous swamp with *Sphagnum ?girgensohnii* and true mosses around lake, 10.IX.2004, leg. A.R.; 2 ♂♂, 1 ♀, lower reaches of Chervinka River, mosses, ferns, leaf litter, plant debris on banks of river and intermittent rill with tussocks of *Carex* spp., Poaceae, *Spiraea* spp., *Salix* spp., *Betula ?fruticosa*, undergrowth of *Betula platyphylla*, etc., 30.VI.2005, leg. E.V. & A.R.; 1 ♀, Nora River basin near Meunskiy cordon, mosses, leaf litter and plant debris on swampy flood-plain of intermittent rill with *Alnus* sp., *Padus* sp., *Salix* spp., *Betula platyphylla*, *B. ?fruticosa*, Poaceae, *Carex* spp., *Ledum palustre*, *Filipendula palmata*, *Vaccinium uliginosum*, *Convallaria keiskei*, *Trientalis*



*europaea*, *Maianthemum bifolium*, *Sphagnum squarrosum*, *Sph. ?girgensobnii*, *Sph. ?centrale*, *Sph.* spp., *Hypnum* sp., etc., 10.VII.2005, leg. A.R.; 1 ♀, Nora River basin near Meunskiy cordon, mosses and plant debris on flood-plain of intermittent rill with *Alnus* sp., *Carex* spp., Poaceae, *Trientalis europaea*, *Convallaria keiskei*, *Sphagnum squarrosum*, *Sph. ?girgensobnii*, *Sph.* spp., *Hypnum* sp., etc., 08.VII.2005, leg. A.R.

**DISTRIBUTION.** European tundra; Siberia: from the Urals eastward to East Siberia; through the mountains of South Siberia via the Lake Baikal region to Khabarovsk Prov. Known also from Mongolia and Japan.

#### *Walckenaeria palmgreni* Eskov et Marusik, 1994

**MATERIAL.** 1 ♂, N.N.R., Nora River basin near Meunskiy cordon, mosses and plant debris at flood-plain of a rill: *Alnus* sp., *Carex* spp., Poaceae, *Trientalis europaea*, *Convallaria keiskei*, *Sphagnum squarrosum*, *Sph.* spp., *Hypnum* sp., etc., 18.VIII.2004, leg. A.R.; 1 ♀, N.N.R. (buffer zone), Burunda River basin, 0.5 km NW of Burunda cordon, moss and plant debris at edge of swamp: tussocks of Poaceae with *Carex* sp., young growth of *Betula* sp., *Salix* sp., *Spiraea* sp., and small true mosses, 07.X.2004, leg. A.R.; 1 ♂, N.N.R. (buffer zone), Burunda River basin, Meunchik River bank near railway bridge (6 km NW of Burunda cordon), mosses and plant debris on stones near water and among *Carex* spp. and Poaceae with *Spiraea* sp., 14.IX.2004, leg. A.R.; 1 ♂, N.N.R. (buffer zone), Burunda River basin, 0.5–0.7 km NW of Burunda cordon, sedge-gramineous swamp with *Sphagnum ?girgensobnii* and true mosses around lake, 10.IX.2004, leg. A.R.; 1 ♂, near border of buffer zone of N.N.R., Burunda River basin, 9 km SE of Burunda cordon, mosses and leaf litter in sparse growth of burnt *Betula platyphylla* and *Larix gmelinii* with spots of *Alnus* sp., dense growth of *Ledum palustre*, *Vaccinium uliginosum*, *V. vitis-idaea* on gentle slope, 20.IX.2004, leg. A.R.; 1 ♂, Nora River basin near Meunskiy cordon, mosses and plant debris among *Carex* spp., *Eriophorum* spp., Poaceae with *Sphagnum* spp. along swampy road to Dlinnoye Lake, 13.VII.2005, leg. A.R.

**DISTRIBUTION.** Siberia: from Yenisey River eastward to Chukotka, Cisokhotia, Amurskaya, Khabarovsk and Maritime provinces. Known also from Mongolia.

#### *Walckenaeria tystchenkoi* Eskov et Marusik, 1994

**MATERIAL.** 1 ♀, N.N.R. (buffer zone), Burunda River basin, 2.5 km SE of Burunda cordon, leaf litter under *Larix gmelinii* and *Betula platyphylla* with *Ledum palustre*, *Rhododendron* sp., *Vaccinium vitis-idaea*, *Equisetum sylvaticum* in burnt forest on gentle slope, 23.IX.2004, leg. A.R.; 1 ♀, N.N.R. (buffer zone), Burunda River basin, 1 km NW of Burunda cordon, mosses and leaf litter in swampy forest with tussocks and old stumps on very gentle slope near rill bank: *Larix gmelinii*, *Alnus*

sp., *Betula platyphylla*, *Calamagrostis* sp., *Carex* sp., *Rubus arcticus*, *Convallaria keiskei*, *Sphagnum squarrosum*, *Sph. ?girgensobnii*, *Sph.* sp., *Ptilium crista-castrensis*, *Hylocomium splendens*, *Dicranum* sp., etc., 12.IX.2004, leg. A.R.; 1 ♂, near border of buffer zone of N.N.R., Burunda River basin, 9 km SE of Burunda cordon, mosses and leaf litter in sparse growth of burnt *Betula platyphylla* and *Larix gmelinii* with spots of *Alnus* sp., dense growth of *Ledum palustre*, *Vaccinium uliginosum*, *V. vitis-idaea* on gentle slope, 20.IX.2004, leg. A.R.

**DISTRIBUTION.** Cisokhotia, Sakhalin, Amurskaya Prov.

#### *Walckenaerianus aimakensis* Wunderlich, 1995

**MATERIAL.** 1 ♂, N.N.R., Nora River basin, 2 km upstream of Mt. Gryashchinskaya, mosses and plant debris on small open swamp on high flood-plain: tussocks of *Calamagrostis* sp. and *Carex* spp. with *Sphagnum ?girgensobnii*, *Sph. squarrosum*, *Sph. centrale*, *Sph.* spp., *Rubus arcticus*, *Convallaria keiskei*, *Salix* sp., etc., 22.VIII.2004, leg. A.R.

**DISTRIBUTION.** Described from Mongolia. South Siberia: Tuva and Lake Baikal region; Amurskaya Prov.

#### *Wubanooides fissus* (Kulczyński, 1926)

**MATERIAL.** 1 ♀, N.N.R., Nora River, Mt. Gryashchinskaya, mosses and leaf litter on steep rocky slope with *Betula platyphylla*, *Alnus* sp., *Sorbus sibirica*, *Swida alba*, undergrowth of *Acer ukurunduense*, *Pleurozium schreberi*, *Hylocomium splendens*, *Dicranum* sp., *Ptilium crista-castrensis*, *Sphagnum ?girgensobnii*, *Dryopteris fragrans*, etc., 25.VIII.2004, leg. A.R.

**DISTRIBUTION.** Siberia: from Yenisey River eastward to Chukotka, Cisokhotia, Kamchatka, Amurskaya and Maritime provinces. Known also from Japan.

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