

## An annotated check-list of spiders (Arachnida: Aranei) of the Khibiny Mountains, Kola Peninsula, Russia

### Аннотированный список видов пауков (Arachnida: Aranei) Хибин, Кольский полуостров, Россия

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КЛЮЧЕВЫЕ СЛОВА: Пауки, Хибин, Кольский полуостров, фауна, список видов.

**ABSTRACT.** An annotated check-list of spiders of the Khibiny Mountains (Kola Peninsula, Russia) based on both original and literature-derived data is presented for the first time. The list contains 161 species belonging to 17 families. Twenty species (*Araniella proxima*, *Cyclosa conica*, *Gnaphosa bicolor*, *G. lapponum*, *G. leporina*, *Zelotes clivicola*, *Agyneta affinis*, *A. rurestris*, *Ceratinella wideri*, *Dicymbium nigrum*, *Drapetisca socialis*, *Entelecara erythropus*, *Moebelia penicillata*, *Oedothorax apicatus*, *Porrhomma campbelli*, *Agroeca lusatica*, *Alopecosa pinetorum*, *A. taeniata*, *Philodromus cespitum*, *Titanoeca nivalis*) are recorded from Kola Peninsula for the first time. A preliminary analysis of the studied fauna is presented.

**РЕЗЮМЕ.** Впервые приведен аннотированный список пауков Хибин (Кольский полуостров, Россия), составленный на основе оригинальных сборов и литературных данных. Список включает 161 вид, относящихся к 17 семействам, из которых 20 видов (*Araniella proxima*, *Cyclosa conica*, *Gnaphosa bicolor*, *G. lapponum*, *G. leporina*, *Zelotes clivicola*, *Agyneta affinis*, *A. rurestris*, *Ceratinella wideri*, *Dicymbium nigrum*, *Drapetisca socialis*, *Entelecara erythropus*, *Moebelia penicillata*, *Oedothorax apicatus*, *Porrhomma campbelli*, *Agroeca lusatica*, *Alopecosa pinetorum*, *A. taeniata*, *Philodromus cespitum*, *Titanoeca nivalis*) отмечены впервые для Кольского полуострова. Проведен предварительный анализ изученной фауны.

#### Introduction

The Khibiny Mts are a small mountain system located in the central part of the Kola Peninsula. The first (and the only) report on spiders of the Khibiny seemed to be V.Y. Fridolin's [1936] monograph devoted to a general account of the Khibiny biota, referring to rep-

resentatives of three spider families: Araneidae, Lycosidae and Thomisidae. Unfortunately, the spider material collected by Fridolin was not found neither in the collections of the Zoological Museum of the Moscow State University (Moscow, Russia), nor in the Zoological Institute of the RAS (St. Petersburg, Russia) [K.G. Mikhailov, pers. comm.]. Therefore, it is unclear what spider species were found by Fridolin [1936]. Since that time, there have been no records of spiders from the Khibiny until the first decade of the 21st century.

At present, all the available data on the spider fauna of the Khibiny Mts and on spider distribution is scattered amongst a number of recently published papers [Tanasevitch, 2008; Vasilyeva, Nekhaev, 2009; Kamayev, 2010; Tanasevitch, Kamayev, 2011; Rybalov, Kamayev, 2012]. The most complete list was published by Tanasevitch & Kamayev [2011] in the paper devoted to the entire spider fauna of Kola Peninsula in which 77 species from the Khibiny Mts were reported. However, special studies on the Khibiny spider fauna are yet absent.

An extensive newly collected material on spiders from the Khibiny allows us to significantly expand a number of the species known from this region. The aim of the present paper is to give an updated account of the spider fauna of the Khibiny Mts. The paper contains new data that were obtained by different authors at different times and by various methods. The analysis of the studied spider fauna, including the UPGMA similarity of different habitats, provided below is to be considered provisional.

#### Study area, material and methods

The Khibiny massif does not exceed 50 km in its length. It is limited by Imandra and Umbozero Lakes from the west and east sides respectively (Fig. 1). Flat, dome- and ridge-like tops are typical of the Khibiny

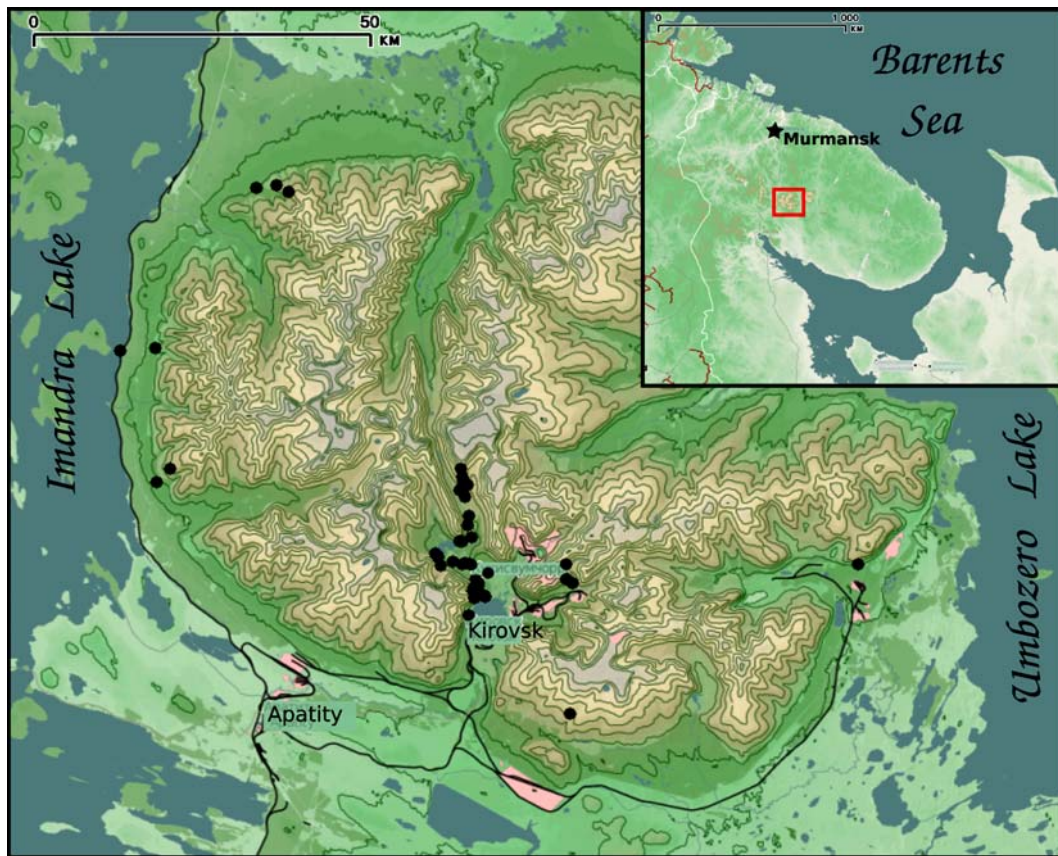


Fig. 1. Map of the Khibiny with the collecting localities.

Рис. 1. Карта Хибин с указанием мест сбора.

(Fig. 2a) [Mishkin, 1953]. The climate of Khibiny Mts differs from the adjacent lowland areas: the winters are warm and settled while the summers are chilly and unsteady [Yakovlev, 1961]. Altitudes vary from 130 to 1200 m a.s.l. There are three main altitudinal belts in the Khibiny Mts: forest, subalpine and alpine ones [Mishkin, 1953; Shlyakov, 1961]. Position of the borders between the belts varies, depending on a mountain location, slope steepness and its exposition, and many other factors, hence only approximate limits of the belts can be outlined. **The forest belt** (Fig. 2b) covers the lower parts of slopes up to 260–400 m a.s.l. and is represented by different types of the spruce-pine forests (the northern taiga communities). **The subalpine belt** (Fig. 2c) includes the mountain birch forests and occurs at the elevations up to 500 m a.s.l. **The alpine belt** (Fig. 2a,d,e) occupies the largest part of the massif and includes the mountain tundra communities up to 850 m a.s.l. (Fig. 2a,d) and the ‘cold stony desert’ (Fig. 2e) [Mishkin, 1953] situated on the highest plateau and peaks above 850 m a.s.l. [Koroleva, 2001; Kremenetski *et al.*, 2004; Zenkova *et al.*, 2011]. The alpine tundra is subdivided into yernik, lichen and moss tundras. Intrazonal communities, such as bogs, screes, cliffs, meadows and so on, exist in all three belts [Mishkin, 1953].

As the apatite-nepheline deposits are located in the Khibiny, the south-eastern part of the massif is strongly

damaged by intensive mining operations being performed there since the 1930s (Fig. 2f). Trial and prospecting pits occur in different parts of the mountains.

The spider collecting for the present study was carried out in the Khibiny in September 2008, June, August–September 2009, June–August 2010, June–August 2011, June–July 2013, and June–September 2014. The majority of samples was taken from native habitats. Anthropogenic habitats, including mining excavations, were also studied but less comprehensively as compared to native ones. The most intensive studies were conducted in the south part of the Khibiny Mts (Fig. 1). Spiders were mainly collected by pitfall traps and the sifting of moss and litter. Sweeping, hand collecting and soil sampling were also used (see additional information about the sampling method mentioned below under the description of each sample).

Some preliminary results of this study have already been published [Tanasevitch, 2008; Vasilyeva, Nekhaev, 2009; Kamayev, 2010; Tanasevitch, Kamayev, 2011]. The material is temporarily deposited in the personal author collection, and later will partly be deposited to the Zoological Museum of the Moscow State University (ZMMU), Moscow, Russia.

Details of the collecting localities are as given below. For an additional information about the localities on the NE slope of Vudyavrchorr Mt. see Zenkova *et*

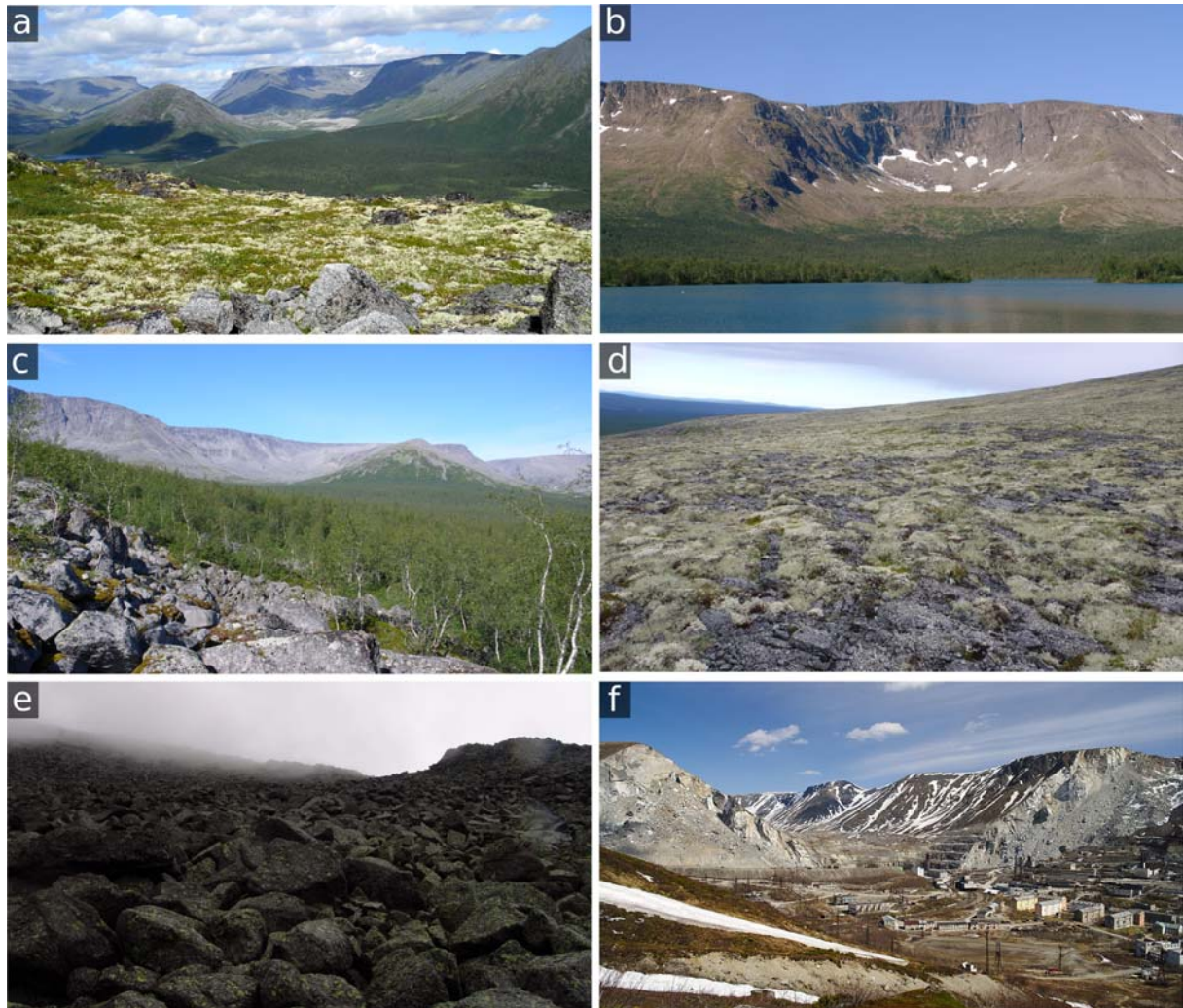


Fig. 2. Khibiny landscapes: a — view of the Malyy Vud'yavr Lake valley from Vud'yavrchorr Mt. (from left to the right: Takhtarvumchorr Mt., Poachvumchorr Mt., Kukisvumchorr Mt., South Kukisvumchorr Mt.), July 2011; b — the forest belt, Takhtarvumchorr Mt. Range, 2.08.2009 (foto I. Nekhaev) ; c — the subalpine belt, Vud'yavrchorr Mt., July 2011 (foto A. Tanasevitch); d — the alpine belt, Mannepakht Mt., July 2011 (foto A. Tanasevitch); e — the stony desert, Vud'yavrchorr Mt., July 2008 (foto I. Nekhaev); f — the Kirov mining camp, 1.06.2012 (foto I. Nekhaev).

Рис. 2. Ландшафты Хибин: а — вид на долину оз. Малый Вудьявр с г. Вудьяврчорр (слева направо: г. Тахтарвумчорр, г. Поачвумчорр, г. Кукисвумчорр, г. Южный Кукисвумчорр), июль 2011 г.; б — лесной пояс, хребет Тахтарвумчорр, 2.08.2009 (фото И. Нехаева); в — субальпийский пояс, г. Вудьяврчорр, июль 2011 г. (фото А. Танасевича); д — альпийский пояс, г. Маннепахк, июль 2011 г. (фото А. Танасевича); е — каменистая пустыня, г. Вудьяврчорр, июль 2008 г. (фото И. Нехаева); ф — рудник им. Кирова, 1.06.2012 (фото И. Нехаева).

al. [2009]. The following abbreviations are used in the text: MSUFS — Field Station of the Lomonosov Moscow State University (Kirovsk-23); PABGI — Polar-Alpine Botanical Garden-Institute; A.N. — Anna A. Nekhaeva, A.T. — Andrei V. Tanasevitch, I.K. — Ilya O. Kamayev, I.N. — Ivan O. Nekhaev, I.Z. — Irina V. Zenkova, V.P. — Viktoriya V. Pozharskaya; collecting methods: sift. — the sifting of moss and litter, p/t — pitfall traps, sw. — sweeping, h/c — hand collecting, s/s — soil samples.

#### Localities:

**Ai:** Aikuaivenchorr Mt., WNW slope (67°37'29" N 33°41'43" E), 432–445 m a.s.l., dwarf shrub mountain birch forest, leg. I.Z.

**B-1:** Vicinities of Malyy Vud'yavr Lake (67°39'46.9" N 33°36'31"E), 371 m a.s.l, birch forest with tall grass: *Sorbus* sp., *Juniperus sibirica*, *Chamerion angustifolium*, *Solidago* sp., *Geranium* sp., *Vaccinium myrtillus*, *Betula nana*, leg. A.T., A.N.

**B-2:** Vicinities of Malyy Vud'yavr Lake (67°39'52.2" N 33°36'15.5"E), 365 m a.s.l., birch forest, leg. A.T., A.N.

**Bog:** *Carex-Sphagnum* bog at the foot of Vud'yavrchorr Mt. (67°39'33.4" N 33°38'27.4"E), 353 m a.s.l., with *Sphagnum* sp., *C. angustifolium*, *B. nana*, *Salix* sp., *Carex rastrata*, *Eriophorum vaginatum*, sometimes with open water areas, leg. A.T., A.N.

**Bot-1:** PABGI vicinity (67°39'18.5" N 33°40'26.2"E), meadow with *Heracleum sosnowskyi*, *Anthriscus sylvestris*, *Urtica dioica*, *Salix* sp., leg. A.T., A.N.

**Bot-2:** PABGI vicinity (67°39'32.3"N 33°39'6.1"E), 393 m a.s.l., spruce sod-dwarf shrub forest with *Picea obovata*, *Pinus sylvestris*, *B. subarctica*, *Sorbus* sp., *Chamaepericlymenum suecicum*, *Solidago lapponica*, *V. myrtillus*, *Dicranum* sp., *Barbilophozia lycopodioides*, under bark of birch, leg. A.N.

**Bot-3:** PABGI vicinity, under bark of spruce, leg. A.N.

**Bot-4:** PABGI vicinity, a glade in spruce forest with *Picea* sp., *Betula* sp., *Sphagnum* sp., *Equisetum* sp., leg. A.N.

**Bot-5:** PABGI vicinity (67°39'35.8"N 33°38'42.5"E), 364 m a.s.l., rocky scree near the road, leg. A.T., A.N.

**Im-1:** Vicinities of the railway station Imandra (67°50'54.2"N 33°22'2.6"E), 284 m a.s.l., dwarf shrub-moss-lichen pine forest with *P. sylvestris*, *B. subarctica*, *P. obovata*, *Salix caprea*, *Ledum palustre*, *Linnaea borealis*, *Empetrum hermaphroditum*, *Avenella flexuosa*, *V. myrtillus*, *V. uliginosum*, *V. vitis-idaea*, *Hylocomium splendens*, *Pleurozium schreberi*, under bark of pine and from spiderweb, leg. A.T., A.N.

**Im-2:** Vicinities of the railway station Imandra, Mt. Mannepakhk, NW slope (67°50'46"N 33°24'32.7"E), 555 m a.s.l., patchy lichen tundra with boulders outcrops (moss absent), leg. A.T., A.N.

**Im-3:** Vicinities of the railway station Imandra, Mt. Mannepakhk, NW slope (67°50'57.6"N 33°23'35.3"E), 431 m a.s.l., dwarf shrub-lichen tundra with *Arctostaphylos uvaurisi*, *B. nana*, *E. hermaphroditum*, *Arctous alpina*, *Juncus trifidus*, *Alectoria ochroleuca*, *Cladina arbuscula*, *Cl. stellaris*, *Flavocetraria cucullata*, *F. nivallis*, leg. A.T., A.N.

**K-1:** Kukisvumchorr Mt. (67°42'2.4"N 33°38'31.3"E), 693 m a.s.l., lichen tundra with *B. nana*, *Cetraria* spp., *Cladonia* spp., *Empetrum* sp., leg. I.N.

**K-2:** Kukisvumchorr Mt. (67°42'12.6"N 33°38'23.8"E), 792 m a.s.l., among stones, leg. I.N.

**K-3:** Kukisvumchorr Mt. (67°42'26.7"N 33°38'17.3"E), 882 m a.s.l., on stones, leg. I.N.

**K-4:** A hollow between the S slope of Kukisvumchorr Mt. and moraine (67°41'47"N 33°38'14.3"E), 288 m a.s.l., sparse dwarf shrubs, damp, leg. I.N.

**K-be:** Near the open pit at the foot of Southern Kukisvumchorr Mt. (67°41'1.4"N 33°38'57.9"E), 383 m a.s.l., mountain birch forest with *Betula* spp., *Salix* spp., *Juniperus* sp., *Vaccinium* spp., *Empetrum* sp., *Chamaenerion angustifolium*, *Cetraria* spp., *Cladonia* spp., sand, broken stone, leg. I.N.

**K-it:** Moraine ridge near the S slope of Kukisvumchorr Mt. (67°41'35.5"N 33°38'37.8"E), 497 m a.s.l., lichen tundra with *Cetraria* spp., *Cladonia* spp., *B. nana*, leg. I.N.

**K-lut1:** Kukisvumchorr Mt. (67°41'53.1"N 33°38'29.9"E), 592 m a.s.l., lichen-dwarf shrub mountain tundra with *Cetraria* spp., *Cladonia* spp., *V. vitis-idaea*, leg. I.N.

**K-lut2:** Kukisvumchorr Mt., S slope (67°41'56.6"N 33°38'55.1"E), 560 m a.s.l., lichen-dwarf shrub mountain tundra with *Cladonia* spp., *Cetraria* spp., *Vaccinium* spp., *Empetrum* sp., leg. A.N., I.N.

**K-lut3:** Kukisvumchorr Mt., S slope (67°41'53.3"N 33°38'31.7"E), 590 m a.s.l., lichen-dwarf shrub mountain tundra with *Cladonia* spp., *Cetraria* spp., *Vaccinium* spp., *Empetrum* sp. and stony areas without vegetation, leg. A.N., I.N.

**K-ut1:** Kukisvumchorr Mt. (67°42'4.2" N 33°38'30.2"E), 711 m a.s.l., dwarf shrub tundra, among the stones, leg. I.N.

**K-ut2:** Kukisvumchorr Mt., S slope (67°42'4"N 33°38'34"E), 705 m a.s.l., dwarf shrub mountain tundra with *Vaccinium* spp., *Empetrum* sp., *Juniperus* sp., *B. nana*, *Cladonia* spp., *Cetraria* spp., leg. A.N., I.N.

**Lo-ad:** Lovchorr Mt., S slope, Vicinities of meteorological station, 1065–1093 m a.s.l., high-mountain stone desert with sparse clumps of grass, mosses and lichens with *Saxifraga oppositifolia*, *Luzula arcuata*, *Harrimanella hypnoides*, *S. reticulata*, *Oxyria digyna*, *Dryas punctata*, *C. bigelowii*, *Cetraria* spp., *Cladonia* spp., leg. I.Z., V.P.

**Lo-be:** Lovchorr Mt., N slope, 452 m a.s.l., mountain birch forest with *B. czerepanovii*, *B. subarctica*, *Picea* sp., *Vaccinium* spp., *E. hermaphroditum*, *Phyllodoce caerulea*, *S. glauca*, *Arctostaphylos* sp., *S. lapponica*, *A. flexuosa*, *Lycopodium annotinum*, *Diphasiastrum alpinum*, *Nephroma* spp., *Cetraria* spp., *Cladonia* spp., leg. I.Z., V.P.

**Lo-lumt:** Lovchorr Mt., S slope (67°35'N 33°47'E), 735 m a.s.l., lichen-dwarf shrub-moss mountain tundra with *Cladonia rangiferina*, *F. nivalis*, *Cetraria islandica*, *E. hermaphroditum*, *Vaccinium* spp., *A. alpina*, *Poa alpina*, *D. punctata*, *Andromeda polifolia*, *B. nana*, *Racomitrium* spp., *P. schreberi*, *Festuca ovina*, *C. bigelowii*, *Antennaria dioica*, leg. I.Z., V.P.

**MSU:** The road near MSUFS, sand, stones, leg. I.N.

**Nef-1:** Vicinities of the railway station Nefelinovye Peski (67°46'3.1"N 33°14'0.2"E), 287 m a.s.l., SW slope of Khibinpakhkchorr Mt., bilberry-moss-lichen pine forest with *P. sylvestris*, *B. subarctica*, *L. borealis*, *E. hermaphroditum*, *V. myrtillus*, *V. vitis-idaea*, *Dicranum scoparium*, *Racomitrium microcarpon*, *H. splendens*, *C. stellaris*, *C. arbuscula*, *C. rangiferina*, *C. crispata*, leg. A.T., A.N.

**Nef-3:** Vicinities of the railway station Nefelinovye Peski, stony bank of Imandra Lake, opposite to Vysokiy Island (67°45'58.8"N 33°11'11.3"E), 127 m a.s.l., under stones and trash, leg. A.T., A.N.

**P-b1:** Poachvumchorr Mt., SE slope (67°40'21"N 33°39'11"E), 398 m a.s.l., moss-grass birch forest (mountain birch forest) with *Sorbus* sp., *Picea* sp., *Salix* sp., *J. sibirica*, *V. myrtillus*, *Ch. suecicum*, *Deschampsia cespitosa*, *Gymnocarpium dryopteris*, *P. alpina*, *C. angustifolium*, *Anthoxanthum alpinum*, *Politrachium* spp., *S. lapponica*, *H. hypnoides*, *Melampyrum sylvaticum*, *Hieracium alpinum*, *L. annotinum*, *Trientalis europaea*, leg. I.Z., V.P.

**P-b2:** Poachvumchorr Mt., S slope (67°40'15"N 33°38'16"E), 390–420 m a.s.l., grass birch forest (mountain birch forest) with *Betula* sp., *Sorbus* sp., *Salix* sp., *V. vitis-idaea*, *V. uliginosum*, *V. myrtillus*, *E. hermaphroditum*, *Calluna vulgaris*, *Cirsium heterophyllum*, *F. ovina*, *P. nemoralis*, *Ranunculus* sp., *M. pratense*, *Geranium sylvaticum*, *Solidago* sp., *Dicranum* sp., *Racomitrium* sp., *Polytrichum* sp., *Cetraria* spp., *Cladina* spp., *Cladonia* spp., leg. I.Z., V.P.

**P-p:** Poachvumchorr Mt., S slope (67°40'14"N 33°38'29"E), 395 m a.s.l., grass-moss-dwarf shrub spruce forest (open spruce forest) with *Picea* sp., *Betula* sp., *Sorbus* sp., *Rubus saxatilis*, *Euphrasia* sp., *V. vitis-idaea*, *V. myrtillus*, *E. hermaphroditum*, *M. pratense*, *M. sylvaticum*, *Ch. suecicum*, *G. dryopteris*, *A. dioica*, *F. ovina*, *P. nemoralis*, *Pyrola rotundifolia*, *Milium effusum*, *Agrostis* sp., *S. lapponica*, *Sphagnum* sp., *Mnium* sp., *Dicranum* sp., *Racomitrium* sp., *Polytrichum* sp., *Nephroma* sp., *Cetraria* sp., *Cladina* sp., *Cladonia* sp., leg. I.Z., V.P.

**P-t:** Northern micro-slope of Poachvumchorr Mt., SE slope (67°40'44"N 33°38'53"E), 411 m a.s.l., mountain dwarf shrub tundra with *F. nivalis*, *C. islandica*, *Cl. rangiferina*, *Cladonia* sp., *A. nigricans*, *B. nana*, *C. vulgaris*, *V. vitis-idaea*, *V. uliginosum*, *V. myrtillus*, *E. hermaphroditum*, *A. alpina*, *Nardus stricta*, *Polytrichum* spp., *C. bigelowii*, *H. hypnoides*, *J. trifidus*, *Loiseleuria* sp., leg. I.Z., V.P.

**SU-1:** Suolayv Mt., NW slope (67°39'32"N 34°10'03"E), 380–387 m a.s.l., moss-dwarf shrub mountain tundra, leg. I.Z.

**SU-2:** Suolayv Mt., SE slope (67°37'37" N 34°11'05" E), 270–308 m a.s.l., dwarf shrub-rich in herbs mountain birch forest, leg. I.Z.

**SU-3:** Suolayv Mt., SE slope (67°39'37" N 34°11'06" E), 250–270 m a.s.l., grassy mountain spruce forest, leg. I.Z.

**V:** Vudyavrchorr Mt., rocks, dwarf shrubs (*Empetrum* sp.), leg. I.N.

**V-be1:** Vudyavrchorr Mt., NE slope (67°38'42.6"N 33°39'26.9"E), 372 m a.s.l., mountain birch forest with *Betula* sp., *B. nana*, *E. hermaphroditum*, *Salix* spp., *V. myrtillus*, *H. splendens*, *P. schreberi*, leg. I.K.

**V-be2:** Vudyavrchorr Mt., NE slope (67°38'49"N 33°39'24"E), 419 m a.s.l., mountain birch forest with *B. czerepanovii*, *B. subarctica*, *Sorbus gorodkovii*, *V. myrtillus*, *E. hermaphroditum*, *A. polifolia*, *G. sylvaticum*, *Geum rivale*, *P. rotundifolia*, *Dicranum* spp., *Marchantia polymorpha*, leg. I.Z., V.P.

**V-bs:** Vudyavrchorr Mt., NE slope (67°38'59"N 33°39'43"E), 346 m a.s.l., *Geranium*-ferns birch forest with *B. czerepanovii*, *S. gorodkovii*, *G. sylvaticum*, *G. dryopteris*, *Ch. suecicum*, *Barbilophozia* spp., leg. I.K.

**V-lut1:** Vudyavrchorr Mt., NE slope (67°38'42"N 33°39'26"E), 478 m a.s.l., lichen-dwarf shrub mountain tundra with *C. rangiferina*, *C. islandica*, *S. reticulata*, *S. polaris*, *E. hermaphroditum*, *Vaccinium* spp., *D. punctata*, *H. hypnoides*, *Silene acaulis*, *H. alpinum*, *F. ovina*, leg. I.Z., V.P.

**V-lut2:** Vudyavrchorr Mt., NE slope (67°38'33.5"N 33°39'31.6"E), 548 m a.s.l., mountain dwarf shrub-lichen tundra with *E. hermaphroditum*, *Cladonia* spp., *F. nivalis*, *Alectoria* spp., *Cetraria* spp., leg. I.K.

**V-pe1:** Vudyavrchorr Mt., NE slope (67°39'06"N 33°39'33"E), 330 m a.s.l., tall herbs and grass-dwarf shrub-moss spruce forest with *P. obovata*, *B. czerepanovii*, *V. myrtillus*, *A. flexuosa*, *Deschampsia cespitosa*, *P. schreberi*, *H. splendens*, leg. I.K.

**V-pe2:** Vudyavrchorr Mt., NE slope (67°38'53"N 33°39'45"E), 357 m a.s.l., spruce forest with *P. obovata*, *B. czerepanovii*, *S. gorodkovii*, *Vaccinium* spp., *E. hermaphroditum*, *G. dryopteris*, *Cicerbita alpina*, *C. angustifolium*, *Melampyrum* spp., *Polytrichum* spp., *Sphagnum* spp., *Dicranum* spp., leg. I.Z., V.P.

**V-ut1:** Vudyavrchorr Mt., NE slope (67°38'43"N 33°39'20"E), 430 m a.s.l., dwarf shrub mountain tundra with *A. alpina*, *E. hermaphroditum*, *Vaccinium* spp., *Loiseleuria procumbens*, *Diapensia lapponica*, *C. islandica*, *Cladonia* spp., *Alectoria* spp., *Stereocaulon* spp., *B. nana*, *Salix* spp., leg. I.Z., V.P.

**V-ut2:** Vudyavrchorr Mt., NE slope (67°38'42.6"N 33°39'26.9"E), 498 m a.s.l., *B. nana*-dominated mountain tundra or dwarf shrub-moss tundra with *B. nana*, *E. hermaphroditum*, *Salix* spp., *V. myrtillus*, *H. splendens*, *P. schreberi*, leg. I.K.

**VL:** Near Vudyavr Lake, forest, dwarf shrubs, under trees, leg. I.N.

**VN-1:** An open pit at the foot of Vudyavrchorr Mt. (67°39'36.8"N 33°37'43.6"E), 345 m a.s.l., among the stones and sand, sparse *Papaver radicum*, *C. angustifolium*, *Juncus* sp., *S. virgaurea*, *Salix* spp., *Betula* sp., *Juniperus communis*, *S. caprea*, *J. trifidus*, *Astragalus* sp., leg. A.T., A.N.

**VN-2:** The lower part of N slope of Vudyavrchorr Mt. (67°39'43.8"N 33°36'31.7"E), 371 m a.s.l., dwarf shrub-grass birch forest with *Betula* sp., *B. czerepanovii*, *J. sibirica*, *A. flexuosa*, *E. hermaphroditum*, *S. lapponica*, *V. myrtillus*, *B. lycopodioides*, *Ptilidium ciliare*, *Cladonia* spp. and mossy boulders, leg. A.T., A.N.

**VN-3:** Vudyavrchorr Mt., N slope (67°39'28.9"N 33°36'41.3"E), 496 m a.s.l., dwarf shrub-lichen mountain tundra

with *B. czerepanovii*, *B. nana*, *E. hermaphroditum*, *A. alpina*, *V. uliginosum*, *Andreaea rupestris*, *A. ochroleuca*, *F. nivalis*, *F. cuculata*, *Umbilicaria* sp., *Cetraria* sp., leg. A.T., A.N.

**VS-be:** Vudyavrchorr Mt., NE slope (67°38'36.4"N 33°40'10.9"E), 320 m a.s.l., tall herbs birch forest with *B. czerepanovii*, *Ch. suecicum*, *C. alpina*, *Calamagrostis* sp., *Barbilophozia* sp., leg. I.K.

**VS-ut:** Vudyavrchorr Mt., S slope (67°38'N 33°39'E), 333 m a.s.l., dwarf shrub mountain tundra with *V. vitis-idaea*, *E. hermaphroditum*, *P. caerulea*, *A. uva-ursi*, *C. rangiferina*, *F. nivalis*, *Nephroma arcticum*, *J. sibirica*, leg. I.Z., V.P.

**Vu-1:** Vicinities of Kirovsk town, NW coast of Bolshoy Vudyavr Lake (67°38'33.6"N 33°40'13.3"E), 334 m a.s.l., among a stones and patches of vegetation, with *J. filiformis*, *Poa* sp., *Rorippa palustris*, leg. A.T., A.N.

**Vu-2:** Vicinities of Kirovsk, NW coast of Bolshoy Vudyavr Lake (67°38'33.6"N 33°40'13.3"E), 334 m a.s.l., coastal meadow with *Ranunculus repens*, *D. cespitosa*, *C. rostrata*, *Er. vaginatum*, *J. filiformis*, *R. palustris*, *Rumex* sp., *Agrostis* sp., *Stellaria palustris*, *Marchantia* sp., leg. A.T., A.N.

**Vu-3:** Vicinities of Kirovsk, NW coast of Bolshoy Vudyavr Lake (67°38'33.6"N 33°40'13.3"E), 334 m a.s.l., willow-bed on coast with *C. heterophyllum*, *S. virgaurea*, *C. angustifolium*, *B. nana*, *Tussilago farfara*, *Calamagrostis* sp., *D. cespitosa*, *S. palustris*, *R. repens*, *R. palustris*, *J. filiformis*, *V. uliginosum*, leg. A.T., A.N.

**Vu-4:** Vudyavryok river bank, near the bridge in PAB-GI, leg. A.N.

**VNE-1:** Vudyavrchorr Mt., NE slope (67°38'34.1"N 33°39'30.8"E), 538 m a.s.l., lichen-dwarf shrub mountain tundra, leg. A.T., A.N.

**VNE-2:** Vudyavrchorr Mt., NE slope (67°38'33.4"N 33°39'31.3"E), 548 m a.s.l., spot of moss-dwarf shrub in the middle of lichen tundra with *B. nana*, *Empetrum* sp., *V. myrtillus*, *V. vitis-idaea*, *A. alpina*, *P. schreberi*, *Dicranum* sp., *H. splendens*, leg. A.T., A.N.

**VNE-3:** Vudyavrchorr Mt., NE slope (67°38'31.3"N 33°39'27.2"E), 571 m a.s.l., lichen-dwarf shrub mountain tundra with *V. uliginosum*, *E. hermaphroditum*, *B. nana*, *Cladonia* sp., *Cetraria* sp., *Juncus* sp., leg. A.T., A.N.

**VNE-4:** Vudyavrchorr Mt., NE slope (67°38'30.8"N 33°39'25.9"E), 579 m a.s.l., patch of *Betula nana*-lichen-moss tundra with *P. schreberi*, *Cetraria* sp., *Cladonia* sp., *Dicranum* sp., *V. uliginosum*, *V. vitis-idaea*, *E. hermaphroditum*, *B. nana*, *Salix* sp., leg. A.T., A.N.

**VNE-5:** Vudyavrchorr Mt., NE slope (67°38'51.2"N 33°39'27.6"E), 400 m a.s.l., spruce-birch forest with *Picea* sp., *Betula* sp., *V. myrtillus*, *Solidago* sp., moss, leg. A.T., A.N.

**YU-1:** Yumehorr Mt., SW slope (67°42'03"N 33°14'06"E), 314 m a.s.l., bilberry pine forest, with *P. sylvestris*, *V. myrtillus*, leg. I.Z.

**YU-2:** Yumehorr Mt., SW slope, 430 m a.s.l., dwarf shrub mountain birch forest with *B. pubescens*, leg. I.Z.

**YU-3:** Yumehorr Mt., SW slope (67°42'27"N 33°15'10"E), 500 m a.s.l., dwarf shrub-lichen mountain tundra, leg. I.Z.

**YUK-1:** Yuksporr Mt., SE slope (67°38'59"N 33°47'17"E), 460–490 m a.s.l., dwarf shrub mountain birch forest, leg. I.Z.

**YUK-2:** Yuksporr Mt., SE slope (67°39'06"N 33°46'44"E), 625–645 m a.s.l., dwarf shrub-lichen mountain tundra on the slope, leg. I.Z.

**YUK-3:** Yuksporr Mt., SE slope, (67°39'32"N 33°46'44"E), 710–730 m a.s.l., dwarf shrub-lichen mountain tundra on the plateau, leg. I.Z.

The bulk of the material collected was identified by the author. The species identifications of the material collected by Ilya Kamayev were kindly provided to us by the latter colleague.

The recorded taxa are listed in the alphabetic order. The nomenclature generally follows that of World Spider Catalog [2015]; any differences/changes as compared to the WSC are marked in the text. The spider species that have been recorded to the Kola Peninsula for the first time are marked with (\*); the species that have not been found during our investigation are marked with (^). The codes given in square brackets correspond to the aforementioned localities. The findings of juveniles have been included in the list only if the adults of these taxa were not collected.

Unfortunately, spiders from the localities **V-lut1**, **V-ut1**, **V-be2**, and **V-pe2**, which were collected in September 2008 and June 2009 by different sampling methods, were mixed up during previous sorting. For these lots the dates and collecting methods are not listed.

Distributional ranges of the species are given according to Ivie [1969], Saaristo [1971], Leech [1972], Palmgren [1975; 1976; 1977], Dondale, Redner [1975; 1978; 1990], Ovtsharenko *et al.* [1992], Platnick, Dondale [1992], Eskov [1994], Eshyunin, Efimik [1996], Saaristo, Eskov [1996], Logunov, Marusik [2000], Marusik *et al.* [2000; 2006; 2007], Azarkina, Logunov [2001], Marusik, Koponen [2005], Eshyunin [2006], Tuneva [2006], Tanasevitch, Koponen [2007], Tanasevitch [2008; 2010; 2011; 2013; 2014], Marusik, Eskov [2009], Marusik, Alfimov [2012], Blagoev *et al.* [2013], Eshyunin *et al.* [2013], Mikhailov [2013], Kronstedt *et al.* [2014], Marusik, Omelko [2014].

In the Discussion section and Table 1, all the studied communities are indicated as follows: the communities predominated by *Picea* sp. are named “spruce forests”, those predominated by *Betula* spp. — “birch forests” (except for the “mountain birch forests”), all the mountain tundra communities are named «tundra». Furthermore, the spiders that were collected from the Yuksporrr Mts (**YUK-1**; **YUK-2**; **YUK-3**), Yumechorr (**YU-1**; **YU-2**; **YU-3**), Suolayv (**SU-1**; **SU-2**; **SU-3**), and Aikuaivenchorr (**Ai**) in 2013 and 2014 are not listed in Table 1 because the material has not been fully processed.

Faunistic similarities between the spider faunas of various biotopes have been calculated by the Dice coefficient in PAST 1.97 [Hammer *et al.*, 2001]. A dendrogram has been plotted by the UPGMA algorithm.

## List of species

### Fam. AMAUROBIIDAE (1)

*Arctobius agelenoides* (Emerton, 1919)  
PREVIOUS RECORDS. Vudavrchorr Mt. [Tanasevitch, Kamayev, 2011].  
MATERIAL. 1 ♂, 1 ♀, [**V-ut1**]; 1 ♀, [**V-lut2**], sift., h/c, VIII.2010; 1 ♂, [**VNE-1**], sift., 25.VII.2011.  
RANGE. Palaeartic-W Nearctic arcto-boreal.

### Fam. ARANEIDAE (2)

*Araniella proxima* (Kulczyński, 1885) \*  
MATERIAL. 1 ♂, [**SU-3**], p/t, 22.06–10.07.2013.  
RANGE. Holarctic boreal.

*Cyclosa conica* (Pallas, 1772) \*  
MATERIAL. 3 juv., [**Im-1**], h/c, 30.VII.2011.  
RANGE. Sibiricum-Holarctic boreo-nemoral.

### Fam. CLUBIONIDAE (1)

*Clubiona kulczynskii* Lessert, 1905  
MATERIAL. 1 ♂, [**Ai**], p/t, 21.06–8.07.2013.  
RANGE. Holarctic boreo-nemoral.

### Fam. DICTYNIDAE (1)

*Dictyna uncinata* Thorell, 1856  
MATERIAL. 1 ♂ [**SU-2**], p/t, 22.06–10.07.2013, 1 ♂ [**SU-3**], p/t, 22.06–10.07.2013.  
RANGE. Palaeartic boreo-nemoral.

### Fam. GNAPHOSIDAE (10)

*Gnaphosa bicolor* (Hahn, 1833) \*  
MATERIAL. 1 ♀, [**YU-1**], p/t, 16.06–7.07.2014; 1 ♂, [**SU-1**], p/t, 23.06–4.09.2014.  
RANGE. West Palaeartic boreo-nemoral.  
NOTE. This is the northernmost record of the species.

*Gnaphosa lapponum* (L. Koch, 1866) \*  
MATERIAL. 8 ♂♂, 2 ♀♀, [**Lo-lumt**], p/t, 11–22.VI.2010; 1 ♂, [**K-lut3**], p/t, 17–31.VII.2010; 3 ♀♀, [**P-t**], p/t, 16–26.VI.2011.  
RANGE. West Palaeartic boreo-montane.

*Gnaphosa leporina* (L. Koch, 1866) \*  
MATERIAL. 1 ♂, [**YU-3**], p/t, 16.06–7.07.2014.  
RANGE. Palaeartic boreal-nemoral.

*Gnaphosa muscorum* (L. Koch, 1866)  
MATERIAL. 28 ♂♂, 2 ♀♀, [**K-ut2**], p/t, 17–31.VII.2010; 25 ♂♂, 4 ♀♀, [**K-lut3**], p/t, 17–31.VII.2010; 7 ♂♂, [**K-lut2**], p/t, 17–31.VII.2010.  
RANGE. Subcircum-Holarctic arcto-boreal.

*Haplodrassus signifer* (C.L. Koch, 1839)  
MATERIAL. 4 ♂♂, 1 ♀, [**Lo-be**], p/t, 11–22.VI.2010; 1 ♂, [**Lo-lumt**], p/t, 11–22.VI.2010.  
RANGE. Holarctic polyzonal.

*Haplodrassus soerenseni* (Strand, 1900)  
MATERIAL. 13 ♂♂, 2 ♀♀, [**Lo-be**], p/t, 11–22.VI.2010; 2 ♂♂, [**Lo-lumt**], p/t, 11–22.VI.2010; 10 ♂♂, 3 ♀♀, [**P-p**], p/t, 16–26.VI.2011; 8 ♂♂, 4 ♀♀, [**P-b2**], p/t, 16–26.VI.2011; 3 ♂♂, [**P-b1**], p/t, 16–26.VI.2011.  
RANGE. Palaeartic boreo-nemoral.

*Micaria aenea* Thorell, 1871  
MATERIAL. 9 ♂♂, [**YU-2**], p/t, 16.06–7.07.2014; 11 ♂♂, [**YU-3**], p/t, 16.06–7.07.2014.  
RANGE. Holarctic boreo-nemoral.  
NOTE. Species was recorded for the Kola Peninsula previously from Korablekk Mt., Pasvik Nature Reserve [Zenkova *et al.*, 2013].

- Micaria alpina* L. Koch, 1872  
 MATERIAL. 1 ♂, [K-It], p/t, 25–26.VI.2009; 1 ♀, [Lo-lumt], p/t, 11–22.VI.2010; 1 ♂, [VNE-4], sift., 26.VII.2011; 1 ♂, [YU-2], p/t, 16.06–7.07.2014; 1 ♂, 1 ♀, [YU-3], p/t, 16.06–7.07.2014; 1 ♂, 1 ♀, [YUK-1], p/t, 27.06–30.09.2014.  
 RANGE. Holarctic boreo-montane.
- Zelotes clivicola* (L. Koch, 1870) \*  
 MATERIAL. 1 ♂, [SU-2], p/t, 22.06–10.07.2013.  
 RANGE. West Palaearctic boreo-nemoral.
- Zelotes subterraneus* (C.L. Koch, 1833)  
 MATERIAL. 1 ♂, [P-b2], p/t, 16–26.VI.2011; 1 ♀, [YU-3], p/t, 16.06–7.07.2014; 2 ♂♂, 1 ♀, [SU-1], p/t, 23.06–4.09.2014.  
 RANGE. European polyzonal.
- Fam. HAHNIIDAE (3)
- Cryphroeca silvicola* (C.L. Koch, 1834)  
 PREVIOUS RECORDS. Vudyavrchorr Mt. [Kamayev, 2010; Tanasevitch, Kamayev, 2011]; near Kuelporr Vil. [Tanasevitch, Kamayev, 2011].  
 MATERIAL. 1 ♂, 1 ♀, [V-pe1], s/s, VIII.2009; 1 ♂, [V-pe1], p/t, 6–16.VIII.2009; 1 ♂, [VS-be], p/t, 6–16.VIII.2009; 2 ♂♂, [V-bs], p/t, 6–16.VIII.2009; 1 ♀, [VS-be], sift., h/c, VIII.2009; 1 ♀, [V-bs], sift., h/c, VIII.2009; 1 ♀, [V-pe1], sift., VIII.2010; 4 ♀♀, [Bot-3], h/c, 22.VII.2011; 4 ♀♀, [Im-1], h/c, 30.VII.2011; 1 ♂, 5 ♀♀, [Bot-2], h/c, 22.VII.2011; 2 ♂♂, [P-p], p/t, 16–26.VI.2011.  
 RANGE. Palaearctic boreo-nemoral.
- Hahnina ononidum* Simon, 1875  
 PREVIOUS RECORDS. Vudyavrchorr Mt.; near Kuelporr Vil. [Tanasevitch, Kamayev, 2011].  
 MATERIAL. 1 ♂, 2 ♀♀, [V-pe1], s/s, VIII.2009; 1 ♂, [VS-be], s/s, VIII.2009; 2 ♂♂, 1 ♀, [V-bs], s/s, VIII.2009; 1 ♀, [V-lut2], s/s, VIII.2010; 1 ♂, 1 ♀, [VNE-4], sift., 26.VII.2011.  
 RANGE. Holarctic boreo-nemoral.
- Hahnina nava* (Blackwall, 1841)  
 MATERIAL. 2 ♂♂, [SU-1], p/t, 23.06–4.09.2014.  
 RANGE. Palaearctic boreal-nemoral.
- Fam. LINYPHIIDAE (102)
- Abacoproeces saltuum* (L. Koch, 1872) ^  
 PREVIOUS RECORDS. Near Kuelporr Vil. [Tanasevitch, Kamayev, 2011].  
 RANGE. West Palaearctic boreo-nemoral.
- Abiskoa abiskoensis* (Holm, 1945) ^  
 PREVIOUS RECORDS. Near Kuelporr Vil. [Tanasevitch, Kamayev, 2011].  
 RANGE. Palaearctic boreal.
- Agyphantes expunctus* (O. Pickard-Cambridge, 1875)  
 MATERIAL. 1 ♀, [V-pe1], h/c, VIII.2009.  
 RANGE. Palaearctic boreal.
- Agyneta affinis* (Kulczyński, 1898) \*  
 MATERIAL. 5 ♂♂, [P-b2], p/t, 16–26.VI.2011.  
 RANGE. Palaearctic arcto-boreal.  
 NOTE. This is the northernmost record of the species.
- Agyneta cauta* (O. Pickard-Cambridge, 1902)  
 PREVIOUS RECORDS. Vudyavrchorr Mt. [Tanasevitch, Kamayev, 2011].
- MATERIAL. 19 ♂♂, 5 ♀♀, [Lo-be], p/t, 11–22.VI.2010; 1 ♂, [P-t], p/t, 16–26.VI.2011; 19 ♂♂, 1 ♀, [P-p], p/t, 16–26.VI.2011; 22 ♂♂, 3 ♀♀, [P-b2], p/t, 16–26.VI.2011.  
 RANGE. European boreo-nemoral.
- Agyneta conigera* (O. Pickard-Cambridge, 1863)  
 MATERIAL. 2 ♂♂, 1 ♀, [Lo-be], p/t, 11–22.VI.2010; 1 ♂, [P-p], p/t, 16–26.VI.2011; 2 ♂♂, [P-b1], p/t, 16–26.VI.2011.  
 RANGE. Palaearctic boreo-nemoral.
- Agyneta gulosa* (L. Koch, 1869)  
 MATERIAL. 2 ♂♂, [Lo-be], p/t, 11–22.VI.2010; 1 ♂, [Lo-lumt], s/s, 11.VI.2010; 1 ♀, [K-lut3], p/t, 17–31.VII.2010; 1 ♂, [K-lut2], p/t, 17–31.VII.2010; 1 ♂, 1 ♀, [VN-1], h/c, 1.VIII.2011; 4 ♀♀, [Im-2], sift., 30.VII.2011; 1 ♂, 1 ♀, [Im-3], sift., h/c, 30.VII.2011; 2 ♀♀, [Im-2], h/c under a stones on bald ground, 30.VII.2011; 1 ♀, [Bot-5], h/c, 22.VII.2011; 1 ♀, [VN-2], h/c, 24.VII.2011; 4 ♂♂, 1 ♀, [P-t], p/t, 16–26.VI.2011.  
 RANGE. Palaearctic boreo-nemoral.
- Agyneta rurestris* (C.L. Koch, 1836) \*  
 MATERIAL. 4 ♂♂, 2 ♀♀, [Lo-lumt], p/t, 11–22.VI.2010.  
 RANGE. West Palaearctic polyzonal.  
 NOTE. This is the northernmost record of the species.
- Allomengea scopigera* (Grube, 1859)  
 PREVIOUS RECORDS. Vudyavrchorr Mt. [Tanasevitch, Kamayev, 2011].  
 MATERIAL. 2 ♀♀, [VS-be], p/t, 6–16.VIII.2009; 1 ♀, [VS-be], s/s, VIII.2010; 1 ♀, [V-pe1], s/s, VIII.2010; 3 ♂♂, 20 ♀♀, [VS-be], p/t, 7–17.VIII.2010; 2 ♂♂, [V-bs], p/t, 7–17.VIII.2010; 1 ♂, 1 ♀, [V-ut2], p/t, 7–17.VIII.2010.  
 RANGE. Palaearctic-West Nearctic boreo-nemoral.
- Bathyphantes eumenis* (L. Koch, 1879) ^  
 PREVIOUS RECORDS. Vudyavrchorr Mt. [Tanasevitch, Kamayev, 2011].  
 RANGE. Holarctic boreo-nemoral.
- Bathyphantes reprobus* (Kulczyński, 1916) ^  
 PREVIOUS RECORDS. Near Kuelporr Vil. [Tanasevitch, Kamayev, 2011].  
 RANGE. Holarctic boreal.
- Bathyphantes setiger* F.O. Pickard-Cambridge, 1894 ^  
 PREVIOUS RECORDS. Vicinity of the MSUFS [Tanasevitch, Kamayev, 2011].  
 RANGE. Palaearctic boreo-nemoral.
- Boleophthyanthes index* (Thorell, 1856)  
 PREVIOUS RECORDS. Vudyavrchorr Mt. [Tanasevitch, Kamayev, 2011].  
 MATERIAL. 1 ♂, [P-b2], p/t, 16–26.VI.2011.  
 RANGE. Palaearctic boreo-nemoral.
- Bolyphantes alticeps* (Sundevall, 1833)  
 MATERIAL. 1 ♀, [Bog], sw. of *Chamerion* sp. along bog edge, 1.VIII.2011.  
 RANGE. Palearctic boreo-nemoral.  
 NOTE. This is the northernmost record of the species.
- Bolyphantes luteolus* (Blackwall, 1833)  
 PREVIOUS RECORDS. Near Kuelporr Vil. [Tanasevitch, Kamayev, 2011].  
 MATERIAL. 1 ♀, [VNE-4], sift., 26.VII.2011; 4 ♀♀, [B-1], sw., 1.VIII.2011; 1 ♀, [VN-3], sift., 24.07.2011.

RANGE. West Palearctic boreo-nemoral.

*Centromerus arcanus* (O. Pickard-Cambridge, 1873)

PREVIOUS RECORDS. Near Kuelporr Vil. [Tanasevitch, Kamayev, 2011]; Vudyavrchorr Mt. [Kamayev, 2010; Tanasevitch, Kamayev, 2011].

MATERIAL. 3 ♂♂, 8 ♀♀, [V-ut1]; 13 ♂♂, [V-be2]; 17 ♂♂, [V-pe2]; 4 ♂♂, 14 ♀♀, [V-pe1], s/s, VIII.2009; 4 ♀♀, [VS-be], s/s, VIII.2009; 2 ♀♀, [V-bs], s/s, VIII.2009; 2 ♂♂, 13 ♀♀, [V-be1], sift., h/c, VIII.2009; 3 ♂♂, 7 ♀♀, [V-ut2], s/s, VIII.2009; 1 ♂, 1 ♀, [VS-be], p/t, 6–16.VIII.2009; 3 ♀♀, [V-pe1], sift., h/c, VIII.2009; 3 ♂♂, 8 ♀♀, [V-bs], sift., h/c, VIII.2009; 3 ♂♂, 8 ♀♀, [V-ut2], sift., h/c, VIII.2009; 1 ♀, [Lo-be], s/s, 14.IX.2009; 5 ♂♂, 1 ♀, [Lo-be], p/t, 11–22.VI.2010; 3 ♂♂, 12 ♀♀, [V-pe1], s/s, VIII.2010; 5 ♀♀, [VS-be], s/s, VIII.2010; 1 ♀, [V-bs], s/s, VIII.2010; 2 ♀♀, [V-be1], s/s, VIII.2010; 3 ♂♂, 12 ♀♀, [V-ut2], s/s, VIII.2010; 3 ♂♂, 7 ♀♀, [V-pe1], sift., VIII.2010; 1 ♂, 5 ♀♀, [VS-be], sift., VIII.2010; 8 ♀♀, [V-bs], sift., VIII.2010; 3 ♀♀, [V-be1], sift., VIII.2010; 3 ♂♂, 21 ♀♀, [V-ut2], sift., VIII.2010; 1 ♀, [VNE-2], sift., 25.VII.2011; 1 ♂, [Bog], sift. of *Sphagnum* sp., 1.VIII.2011; 1 ♂, 1 ♀ [VN-2], h/c, 24.VII.2011; 3 ♂♂, [P-t], p/t, 16–26.VI.2011; 18 ♂♂, 1 ♀, [P-p], p/t, 16–26.VI.2011; 2 ♂♂, 1 ♀, [P-b2], p/t, 16–26.VI.2011; 99 ♂♂, 1 ♀, [P-b1], p/t, 16–26.VI.2011.

RANGE. European-Middle Siberian boreo-nemoral.

*Centromerus incilium* (L. Koch, 1881) ^

PREVIOUS RECORDS. Vudyavrchorr Mt. [Tanasevitch, Kamayev, 2011].

RANGE. West Palearctic boreo-nemoral.

*Centromerus sylvaticus* (Blackwall, 1841)

PREVIOUS RECORDS. Vicinity of the MSUFS; near Kuelporr Vil.; Vudyavrchorr Mt. [Tanasevitch, Kamayev, 2011].

MATERIAL. 1 ♂, [VS-be], s/s, VIII.2009; 3 ♀♀, [V-bs], p/t, 6–16.VIII.2009; 1 ♂, 1 ♀ [VS-be], p/t, 6–16.VIII.2009; 1 ♀, [V-bs], sift., h/c VIII.2009; 1 ♂, [VS-be], s/s, VIII.2010; 1 ♀, [V-bs], s/s, VIII.2010; 1 ♀, [V-be1], s/s, VIII.2010; 4 ♀♀, [VS-be], p/t, 7–17.VIII.2010; 3 ♀♀, [V-bs], p/t, 7–17.VIII.2010; 1 ♂, [V-bs], sift., VIII.2010; 2 ♀♀, [V-be1], p/t, 7–17.VIII.2010; 1 ♀, [V-be1], sift., VIII.2010; 3 ♂♂, 6 ♀♀, [Bot-1], sift., h/c, 22.VII.2011; 3 ♂♂, 1 ♀, [Vu-3], sift., 23.VII.2011; 1 ♀, [P-p], p/t, 16–26.VI.2011; 2 ♀♀, [P-b1], p/t, 16–26.VI.2011.

RANGE. Holarctic boreo-nemoral.

*Ceraticelus bulbosus* (Emerton, 1882) ^

PREVIOUS RECORDS. Near Kuelporr Vil. [Tanasevitch, Kamayev, 2011].

RANGE. Holarctic boreal.

*Ceratinella brevipes* (Westring, 1851)

PREVIOUS RECORDS. Near Kuelporr Vil. [Tanasevitch, Kamayev, 2011].

MATERIAL. 2 ♂♂, 1 ♀, [Lo-be], p/t, 11–22.VI.2010; 1 ♀, [Lo-lumt], p/t, 11–22.VI.2010; 1 ♀, [Lo-be], s/s, 11.VI.2010; 1 ♂, [Lo-lumt], s/s, 11.VI.2010; 1 ♂, [P-p], p/t, 16–26.VI.2011.

RANGE. Palearctic boreo-nemoral.

*Ceratinella brevis* (Wider, 1834) ^

PREVIOUS RECORDS. Near Kuelporr Vil. [Tanasevitch, Kamayev, 2011].

RANGE. Palearctic boreo-nemoral.

*Ceratinella wideri* (Thorell, 1871) \*

MATERIAL. 1 ♀, [P-b2], p/t, 16–26.VI.2011.

RANGE. Palearctic boreal.

*Cnephalocotes obscurus* (Blackwall, 1834)

MATERIAL. 1 ♂, 1 ♀, [V-be1], sift., h/c, VIII.2009; 5 ♂♂, 3 ♀♀, [Lo-be], p/t, 11–22.VI.2010; 3 ♂♂, 11 ♀♀, [Lo-lumt], p/t, 11–22.VI.2010; 1 ♀, [K-ut2], p/t, 17–31.VII.2010; 11 ♂♂, 6 ♀♀, [K-lut3], p/t, 17–31.VII.2010; 3 ♀♀, [K-lut2], p/t, 17–31.VII.2010; 1 ♂, [VNE-1], sift., 25.VII.2011; 5 ♂♂, 2 ♀♀, [P-t], p/t, 16–26.VI.2011.

RANGE. Holarctic boreo-nemoral.

*Decipiphantes decipiens* (L. Koch, 1879)

PREVIOUS RECORDS. Near Kuelporr Vil. [Tanasevitch, Kamayev, 2011].

MATERIAL. 1 ♀, [V-be1], sift., h/c, VIII.2009; 1 ♀, [Lo-be], p/t, 11–22.VI.2010; 2 ♀♀, [Im-3], sift., h/c, 30.VII.2011; 2 ♂♂, [P-t], p/t, 16–26.VI.2011.

RANGE. West Palearctic boreal.

*Dicymbium nigrum* (Blackwall, 1834) \*

MATERIAL. 1 ♀, [Bot-1], sift., h/c, 22.VII.2011.

RANGE. West Palearctic boreo-nemoral.

NOTE. This is the northernmost record of the species.

*Diplocentria bidentata* (Emerton, 1882)

PREVIOUS RECORDS. Vudyavrchorr Mt. [Tanasevitch, Kamayev, 2011].

MATERIAL. 1 ♀, [V-be1], sift., h/c, VIII.2009.

RANGE. Holarctic boreo-nemoral.

*Diplocentria rectangulata* (Emerton, 1915)

PREVIOUS RECORDS. Vudyavrchorr Mt.; near Kuelporr Vil. [Tanasevitch, Kamayev, 2011].

MATERIAL. 1 ♀, [V-ut2], s/s, VIII.2009; 2 ♂♂, 3 ♀♀, [V-ut2], sift., h/c, VIII.2009; 1 ♂, [Lo-be], p/t, 11–22.VI.2010; 1 ♀, [V-ut2], s/s, VIII.2010; 1 ♀, [V-ut2], sift., VIII.2010.

RANGE. Subcircum-Holarctic boreal.

*Diplostyla concolor* (Wider, 1834) ^

PREVIOUS RECORDS. Near Kuelporr Vil. [Tanasevitch, Kamayev, 2011].

RANGE. Subcircum-Holarctic boreo-nemoral.

NOTE. This is the northernmost record of the species.

*Drapetisca socialis* (Sundevall, 1833) \*

MATERIAL. 3 ♀♀, [Im-1], h/c, 30.VII.2011; 1 ♂, [YUK-1], p/t, 27.06–30.09.2014.

RANGE. Palearctic boreal-nemoral.

*Drepanotylus borealis* Holm, 1945

PREVIOUS RECORDS. Vicinity of the MSUFS [Tanasevitch, Kamayev, 2011].

MATERIAL. 6 ♀♀, [Vu-1], h/c, 23.VII.2011; 1 ♂, 1 ♀, [Vu-3], sift., 23.VII.2011.

RANGE. Palearctic boreal.

*Entelecara erythropus* (Westring, 1851) \*

MATERIAL. 1 ♀, [Im-2], h/c under a stones on bald ground, 30.VII.2011.

RANGE. Palearctic boreo-nemoral.

*Erigone arctica maritima* Kulczyński, 1902

MATERIAL. 3 ♀♀, [Vu-1], h/c, 23.VII.2011.

RANGE. West European-Altaian disjunct, littoral.

*Erigone atra* Blackwall, 1833

MATERIAL. 1 ♀, [Lo-ad], s/s, 14.IX.2009; 1 ♀, [Bot-1], sift., h/c, 22.VII.2011; 2 ♂♂, 11 ♀♀, [Vu-1], h/c, 23.VII.2011; 1 ♂, 1 ♀, [Vu-3], sift., 23.VII.2011.



RANGE. Holarctic polyzonal.

*Erigone capra* Simon, 1884

MATERIAL. 1 ♀, [Bog], sw. of *Carex* sp., 1.VIII.2011; 2 ♂♂, 3 ♀♀, [Vu-1], h/c, 23.VII.2011; 1 ♂, [Vu-3], sift., 23.VII.2011.

RANGE. Palaearctic-West Nearctic boreo-nemoral.

COMMENTS. Following Locket [1964] and Buckle et al. [2001] I accept that *E. capra* and *E. dentigera* O. Pickard-Cambridge, 1874 are distinct species, while these species mentioned as synonyms in World Spider Catalog [2015].

*Erigone dentipalpis* (Wider, 1834)

MATERIAL. 34 ♂♂, 39 ♀♀, [Nef-3], h/c, 28.VII.2011.

RANGE. Holarctic polyzonal.

*Estrandia grandaeva* (Keyserling, 1886)

PREVIOUS RECORDS. Vudyavrchorr Mt. [Tanasevitch, Kamayev, 2011].

MATERIAL. 1 ♂, [VS-be], p/t, 6-16.VIII.2009; 1 ♂, 3 ♀♀, [VNE-5], sw., 26.VII.2011.

RANGE. Holarctic boreal.

*Gnathonarium dentatum* (Wider, 1834) ^

PREVIOUS RECORDS. Vicinity of the MSUFS [Tanasevitch, Kamayev, 2011].

RANGE. Palaearctic polyzonal.

*Gonatium rubens* (Blackwall, 1833)

PREVIOUS RECORDS. Vudyavrchorr Mt. [Tanasevitch, Kamayev, 2011].

MATERIAL. 1 ♀, [V-ut2], p/t, 6-16.VIII.2009; 1 ♀, [Lo-be], p/t, 11-22.VI.2010; 10 ♀♀, [Lo-lumt], p/t, 11-22.VI.2010; 1 ♂, 3 ♀♀, [K-lut3], p/t, 17-31.VII.2010; 3 ♀♀, [K-lut2], p/t, 17-31.VII.2010; 2 ♀♀, [V-lut2], p/t, 7-17.VIII.2010; 1 ♂, 2 ♀♀, [V-lut2], sift., VIII.2010; 2 ♂♂, [Im-2], sift., 30.VII.2011; 1 ♀, [Im-3], sift., h/c, 30.VII.2011; 1 ♀, [VN-3], sift., 24.VII.2011; 3 ♀♀, [VNE-1], sift., 25.VII.2011; 2 ♀♀, [P-t], p/t, 16-26.VI.2011.

RANGE. Palaearctic polyzonal.

*Hilaira herniosa* (Thorell, 1875)

PREVIOUS RECORDS. Vudyavrchorr Mt. [Kamayev, 2010]; near Kuelporr Vil. [Tanasevitch, Kamayev, 2011].

MATERIAL. 2 ♂♂, 3 ♀♀, [V-ut1]; 6 ♂♂, [V-be2]; 4 ♂♂, [V-pe2]; 1 ♂, 1 ♀, [V-ut2], s/s, VIII.2009; 1 ♂, 9 ♀♀, [V-pe1], p/t, 6-16.VIII.2009; 1 ♂, 3 ♀♀, [VS-be], p/t, 6-16.VIII.2009; 4 ♀♀, [V-bs], p/t, 6-16.VIII.2009; 5 ♂♂, 23 ♀♀, [V-ut2], p/t, 6-16.VIII.2009; 2 ♀♀, [V-bs], sift., h/c, VIII.2009; 1 ♀, [V-ut2], sift., h/c, VIII.2009; 1 ♀, [Lo-be], s/s, 14.IX.2009; 7 ♂♂, 17 ♀♀, [Lo-be], p/t, 11-22.VI.2010; 6 ♂♂, 2 ♀♀, [Lo-lumt], p/t, 11-22.VI.2010; 6 ♂♂, 2 ♀♀, [V-pe1], p/t, 7-17.VIII.2010; 1 ♀, [V-be1], s/s, VIII.2010; 2 ♂♂, 3 ♀♀, [VS-be], p/t, 7-17.VIII.2010; 1 ♂, 5 ♀♀, [V-be1], p/t, 7-17.VIII.2010; 1 ♂, 4 ♀♀, [V-bs], p/t, 7-17.VIII.2010; 4 ♀♀, [V-ut2], s/s, VIII.2010; 2 ♀♀, [V-be1], sift., VIII.2010; 5 ♂♂, 13 ♀♀, [V-ut2], p/t, 7-17.VIII.2010; 1 ♂, 1 ♀, [V-ut2], sift., VIII.2010; 2 ♀♀, [V-lut2], p/t, 7-17.VIII.2010; 1 ♀, [Im-3], sift., h/c, 30.VII.2011; 1 ♀, [VNE-2], sift., 25.VII.2011; 3 ♀♀, [VNE-4], sift., 26.VII.2011; 1 ♂, 1 ♀, [VN-3], sift., 24.VII.2011; 1 ♀, [Nef-1], h/c, 28.VII.2011; 1 ♀, [VNE-1], sift., 25.VII.2011; 1 ♂, [P-t], p/t, 16-26.VI.2011; 1 ♂, 1 ♀, [P-b2], p/t, 16-26.VI.2011; 2 ♂♂, 1 ♀, [P-b1], p/t, 16-26.VI.2011.

RANGE. Holarctic boreal.

*Hilaira nubigena* Hull, 1911

MATERIAL. 1 ♂, [Bog], sift. of *Sphagnum* sp., 1.VIII.2011.

RANGE. Palaearctic-NW Nearctic boreal.

*Horcotes strandi* (Sytshevskaja, 1935)

PREVIOUS RECORDS. Vudyavrchorr Mt. [Tanasevitch, Kamayev, 2011].

MATERIAL. 1 ♀, [YUK-2], p/t, 27.06-30.09.2014; 5 ♂♂, 3 ♀♀, [YUK-3], p/t, 27.06-30.09.2014; 1 ♂, [YUK-3], s/s, 27.06.2014.

RANGE. Palaearctic-NW Nearctic boreal.

*Hypomma bituberculatum* (Wider, 1834)

MATERIAL. 1 ♀, [Vu-1], h/c, 23.VII.2011; 1 ♀, [Vu-3], sift., 23.VII.2011.

RANGE. Palaearctic polyzonal.

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

MATERIAL. 2 ♀♀, [Lo-lumt], p/t, 11-22.VI.2010; 1 ♂, [VNE-4], sift., 26.VII.2011; 1 ♀, [Bog], sift. of *Sphagnum* sp., 1.VIII.2011.

RANGE. Palaearctic-West Nearctic boreo-nemoral.

*Impropantes complicatus* (Emerton, 1882) ^

PREVIOUS RECORDS. Near Kuelporr Vil. [Tanasevitch, Kamayev, 2011].

RANGE. Holarctic boreo-nemoral.

*Incestophantes kochiellus* (Strand, 1900) ^

PREVIOUS RECORDS. Near Kuelporr Vil. [Tanasevitch, Kamayev, 2011].

RANGE. Palaearctic boreal.

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

MATERIAL. 1 ♀, [B-1], sw., 1.VIII.2011; 2 ♂♂, 2 ♀♀, [Vu-3], sift., 23.VII.2011.

RANGE. Holarctic polyzonal.

*Leptorhoptrum robustum* (Westring, 1851)

PREVIOUS RECORDS. Vicinity of the MSUFS [Tanasevitch, Kamayev, 2011]; Vudyavrchorr Mt. [Kamayev, 2010; Tanasevitch, Kamayev, 2011].

MATERIAL. 1 ♀, [V-pe2]; 1 ♀, [V-bs], s/s, VIII.2009; 13 ♂♂, 2 ♀♀, [V-pe1], p/t, 6-16.VIII.2009; 19 ♂♂, 1 ♀, [VS-be], p/t, 6-16.VIII.2009; 34 ♂♂, 11 ♀♀, [V-bs], p/t, 6-16.VIII.2009; 1 ♂, [V-ut2], p/t, 6-16.VIII.2009; 1 ♂, [V-bs], sift., h/c, VIII.2009; 4 ♂♂, [V-pe1], s/s, VIII.2010; 2 ♀♀, [VS-be], s/s, VIII.2010; 10 ♂♂, 6 ♀♀, [V-pe1], p/t, 7-17.VIII.2010; 12 ♂♂, 7 ♀♀, [VS-be], p/t, 7-17.VIII.2010; 3 ♀♀, [VS-be], sift., VIII.2010; 14 ♂♂, 2 ♀♀, [V-bs], p/t, 7-17.VIII.2010; 12 ♂♂, 1 ♀, [V-be1], p/t, 7-17.VIII.2010; 1 ♂, [V-ut2], p/t, 7-17.VIII.2010; 1 ♀, [V-be1], sift., VIII.2010; 6 ♂♂, 8 ♀♀, [Bot-1], sift., h/c, 22.07.2011; 1 ♂, [Nef-3], h/c, 28.VII.2011; 1 ♂, 1 ♀, [Bot-5], h/c, 22.07.2011; 1 ♂, [Vu-1], h/c, 23.VII.2011; 2 ♀♀, [Vu-3], sift., 23.VII.2011; 3 ♂♂, 3 ♀♀, [P-p], p/t, 16-26.VI.2011; 7 ♂♂, 6 ♀♀, [P-b1], p/t, 16-26.VI.2011.

RANGE. Palaearctic-West Nearctic boreo-nemoral.

*Macrargus carpenteri* (O. Pickard-Cambridge, 1894)

MATERIAL. 1 ♂, [P-t], p/t, 16-26.VI.2011.

RANGE. European boreal-nemoral.

NOTE. This is the northernmost record of the species.

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

MATERIAL. 1 ♀, [V-bs], sift., VIII.2009.

RANGE. Holarctic boreal.

*Macrargus rufus* (Wider, 1834)

PREVIOUS RECORDS. Near Kuelporr Vil.; Vudyavrchorr Mt. [Tanasevitch, Kamayev, 2011].

MATERIAL. 1 ♀, [VS-ut], s/s, 15.IX.2008; 1 ♀, [V-bs], s/s, VIII.2009; 1 ♀, [V-pe1], p/t, 6-16.VIII.2009; 1 ♀, [Lo-be], p/t, 11-22.VI.2010; 1 ♀, [VN-3], sift., 24.VII.2011; 1 ♀, [P-p], p/t, 16-26.VI.2011; 1 ♂, 1 ♀, [P-b1], p/t, 16-26.VI.2011.

RANGE. European boreo-nemoral.

*Maro minutus* O. Pickard-Cambridge, 1906

PREVIOUS RECORDS. Vudyavrchorr Mt. [Tanasevitch, Kamayev, 2011].

MATERIAL. 1 ♂, [V-lut2], s/s, VIII.2009; 4 ♂♂, [P-t], p/t, 16-26.VI.2011.

RANGE. European boreo-nemoral.

NOTE. This is the northernmost record of the species.

*Maro sublestus* Falconer, 1915

MATERIAL. 1 ♂, [P-t], p/t, 16-26.VI.2011.

RANGE. European boreal.

*Maso sundevalli* (Westring, 1851)

PREVIOUS RECORDS. Near Kuelporr Vil.; Vudyavrchorr Mt. [Tanasevitch, Kamayev, 2011].

MATERIAL. 1 ♀, [V-be1], sift., VIII.2009; 1 ♀, [V-ut2], sift., VIII.2009; 1 ♂, [V-lut2], p/t, 6-16.VIII.2009; 1 ♀, [V-be1], s/s, VIII.2010; 1 ♀, [V-ut2], sift., VIII.2010; 2 ♀♀, [Im-3], sift., h/c, 30.VII.2011.

RANGE. Holarctic polyzonal.

*Mecynargus borealis* (Jackson, 1930)

PREVIOUS RECORDS. Vudyavrchorr Mt. [Tanasevitch, Kamayev, 2011].

MATERIAL. 1 ♀, [V-lut1]; 3 ♂♂, 9 ♀♀, [V-lut2], s/s, VIII.2009; 2 ♀♀, [V-ut2], s/s, VIII.2009; 2 ♂♂, 8 ♀♀, [V-ut2], s/s, sift., VIII.2010; 1 ♂, [VN-3], sift., 24.VII.2011; 1 ♂, 7 ♀♀, [VNE-3], sift., 26.VII.2011; 1 ♀, [VNE-1], sift., 25.VII.2011.

RANGE. Subcircum-Holarctic boreal.

*Mecynargus monticola* (Holm, 1943)

PREVIOUS RECORDS. Near Kuelporr Vil.; Vudyavrchorr Mt. [Tanasevitch, Kamayev, 2011].

MATERIAL. 1 ♀, [V-ut1]; 1 ♂, 3 ♀♀, [V-ut2], s/s, VIII.2009; 5 ♀♀, [V-ut2], sift, h/c, VIII.2009; 2 ♂♂, 3 ♀♀, [V-ut2], s/s, VIII.2010; 5 ♀♀, [V-ut2], sift., VIII.2010; 1 ♀, [VNE-2], sift., 25.VII.2011; 3 ♂♂, 2 ♀♀, [VNE-4], sift., 26.VII.2011.

RANGE. Palaeartic-West Nearctic boreal.

*Mecynargus morulus* (O. Pickard-Cambridge, 1873)

PREVIOUS RECORDS. Vudyavrchorr Mt. [Tanasevitch, Kamayev, 2011].

MATERIAL. 1 ♀, [V-pe1], sift., VIII.2009; 1 ♂, 5 ♀♀, [V-ut2], s/s, VIII.2009; 1 ♂, [V-lut2], s/s, VIII.2009; 2 ♀♀, [V-ut2], sift., h/c, VIII.2009; 1 ♀, [V-lut2], sift., h/c, VIII.2009; 1 ♂, [Lo-lumt], s/s, 14.IX.2009; 2 ♀♀, [Lo-be], s/s, 14.IX.2009; 1 ♀, [Lo-be], sift., 11.VI.2010; 1 ♂, [K-lut2], p/t, 17-31.VII.2010; 1 ♂, 1 ♀, [V-lut2], s/s, VIII.2010; 1 ♀, [V-ut2], sift., VIII.2010; 9 ♂♂, 11 ♀♀, [Im-2], sift., 30.VII.2011; 3 ♂♂, 7 ♀♀, [Im-3], sift., h/c, 30.VII.2011; 3 ♂♂, 3 ♀♀, [VNE-2], sift., 25.VII.2011; 1 ♂, 1 ♀, [VN-3], sift., 24.VII.2011; 1 ♂, 4 ♀♀, [VNE-1], sift., 25.VII.2011; 2 ♀♀, [VNE-3], sift., 26.VII.2011; 2 ♂♂, 2 ♀♀, [VN-2], h/c, 24.VII.2011; 1 ♂, 2 ♀♀, [P-t], p/t, 16-26.VI.2011.

RANGE. European boreo-nemoral.

*Metopobactrus prominulus* (O. Pickard-Cambridge, 1872)

MATERIAL. 1 ♂, [Lo-lumt], p/t, 11-22.VI.2010; 2 ♀♀, [Lo-lumt], sift., 11.VI.2010.

RANGE. Holarctic polyzonal.

*Micrargus herbigradus* (Blackwall, 1854)

PREVIOUS RECORDS. Near Kuelporr Vil. [Tanasevitch, Kamayev, 2011].

MATERIAL. 1 ♂, [V-pe1], sift., VIII.2009; 4 ♂♂, [Lo-lumt], p/t, 11-22.VI.2010; 1 ♀, [VNE-4], sift., 26.VII.2011; 3 ♂♂, [P-t], p/t, 16-26.VI.2011; 2 ♂♂, [P-b1], p/t, 16-26.VI.2011.

RANGE. Palaeartic boreo-nemoral.

*Microneta viaria* (Blackwall, 1841)

PREVIOUS RECORDS. Vicinity of MSUFS; near Kuelporr Vil. [Tanasevitch, Kamayev, 2011].

MATERIAL. 1 ♂, [V-bs], sift., VIII.2009; 20 ♂♂, 5 ♀♀, [Lo-be], p/t, 11-22.VI.2010; 2 ♀♀, [Bot-1], sift., h/c, 22.VII.2011; 9 ♀♀, [Vu-3], sift., 23.VII.2011; 9 ♂♂, [P-p], p/t, 16-26.VI.2011; 3 ♂♂, [P-b2], p/t, 16-26.VI.2011; 1 ♂, [P-b1], p/t, 16-26.VI.2011.

RANGE. Holarctic boreo-nemoral.

*Minicia marginella* (Wider, 1834)

MATERIAL. 1 ♂, 1 ♀, [YUK-1], p/t, 27.06-30.09.2014.

RANGE. Palaeartic boreal-nemoral.

*Minyrioloides trifrons* (O. Pickard-Cambridge, 1863)

MATERIAL. 1 ♀, [B-1], sw., 1.VIII.2011.

RANGE. Holarctic boreo-nemoral.

*Minyriolus pusillus* (Wider, 1834)

PREVIOUS RECORDS. Near Kuelporr Vil.; Vudyavrchorr Mt. [Tanasevitch, Kamayev, 2011].

MATERIAL. 1 ♀, [V-be1], sift., VIII.2009; 1 ♂, 1 ♀, [VN-2], h/c, 24.VII.2011; 1 ♂, [P-b1], p/t, 16-26.VI.2011.

RANGE. Palaeartic boreo-nemoral.

*Moebelia penicillata* (Westring, 1851) \*

MATERIAL. 1 ♀, [Im-2], sift., 30.VII.2011.

RANGE. European boreo-nemoral.

*Neriere clathrata* (Sundevall, 1830)

MATERIAL. 1 ♂, [P-b1], p/t, 16-26.VI.2011.

RANGE. Subcircum-Holarctic boreo-nemoral.

*Neriere radiata* (Walckenaer, 1842) ^

PREVIOUS RECORDS. Near Kuelporr Vil. [Tanasevitch, Kamayev, 2011].

RANGE. Subcircum-Holarctic boreo-nemoral.

NOTE. This is the northernmost record of the species.

*Obscuriphantes obscurus* (Blackwall, 1841)

MATERIAL. 1 ♀, [B-1], sw., 1.VIII.2011; 1 ♀, [Im-1], h/c, 30.VII.2011; 2 ♀♀, [VN-2], h/c, 24.VII.2011.

RANGE. West Palaeartic boreo-nemoral.

*Oedothorax agrestis* (Blackwall, 1853)

MATERIAL. 8 ♂♂, 29 ♀♀, [Nef-3], h/c, 28.VII.2011; 1 ♂, 1 ♀, [Vu-1], h/c, 23.VII.2011.

RANGE. West Palaeartic polyzonal.

*Oedothorax apicatus* (Blackwall, 1850) \*

MATERIAL. 8 ♂♂, 3 ♀♀, [Nef-3], h/c, 28.VII.2011; 16 ♀♀, [Vu-1], h/c, 23.VII.2011.

RANGE. West Palaeartic polyzonal.

*Oedothorax retusus* (Westring, 1851)

MATERIAL. 1 ♂, 1 ♀, [Vu-3], sift., 23.VII.2011.

RANGE. European-Middle Siberian polyzonal.

*Oreoneta sinuosa* (Tullgren, 1955)

MATERIAL. 6 ♂♂, 4 ♀♀, [Lo-lumt], p/t, 11-22.VI.2010; 1 ♀, [Im-2], sift., 30.VII.2011; 1 ♀, [Im-3], sift., h/c, 30.VII.2011; 1 ♂, [VNE-2], sift., 25.VII.2011; 2 ♂♂, 14 ♀♀, [VNE-4], sift., 26.VII.2011; 4 ♂♂, 9 ♀♀, [VN-3], sift., 24.07.2011; 1 ♀, [VNE-3], sift., 26.VII.2011; 1 ♀, [P-t], p/t, 16-26.VI.2011.

RANGE. Fennoscandian boreal.

NOTE. Previously only females of *Oreoneta* sp. were recorded in Khibiny (on Vudyavrchorr Mt.) [Tanasevitch, Kamayev, 2011].

*Oreonetides vaginatus* (Thorell, 1872)

PREVIOUS RECORDS. Vudyavrchorr Mt. [Tanasevitch, Kamayev, 2011].

MATERIAL. 3 ♂♂, [V-ut1]; 3 ♂♂, [V-be2]; 4 ♂♂, 2 ♀♀, [V-pe2]; 1 ♂, [V-pe1], p/t, 6-16.VIII.2009; 1 ♀, [VS-be], s/s, VIII.2009; 1 ♂, [V-bs], p/t, 6-16.VIII.2009; 1 ♀, [V-ut2], p/t, 6-16.VIII.2009; 1 ♂, [Lo-be], p/t, 11-22.VI.2010; 1 ♂, [Lo-lumt], p/t, 11-22.VI.2010; 2 ♂♂, 1 ♀, [V-pe1], s/s, VIII.2010; 1 ♂, [V-pe1], p/t, 7-17.VIII.2010; 1 ♀, [V-ut2], p/t, 7-17.VIII.2010; 1 ♂, [V-pe1], sift., VIII.2010; 11 ♂♂, [P-t], p/t, 16-26.VI.2011; 5 ♂♂, 2 ♀♀, [P-p], p/t, 16-26.VI.2011; 4 ♂♂, [P-b2], p/t, 16-26.VI.2011; 10 ♂♂, [P-b1], p/t, 16-26.VI.2011.

RANGE. Holarctic arcto-boreal.

*Oryphantus angulatus* (O. Pickard-Cambridge, 1881)

PREVIOUS RECORDS. Near Kuelporr Vil. [Tanasevitch, Kamayev, 2011].

MATERIAL. 1 ♀, [VS-be], sift., h/c, VIII.2009; 1 ♀, [VS-be], s/s, VIII.2010; 2 ♀♀, [Vu-3], sift., 23.VII.2011; 1 ♂, [P-t], p/t, 16-26.VI.2011; 4 ♂♂, 2 ♀♀, [P-p], p/t, 16-26.VI.2011; 6 ♂♂, [P-b1], p/t, 16-26.VI.2011.

RANGE. European boreo-nemoral.

*Palliduphantes alutacius* (Simon, 1884) ^

PREVIOUS RECORDS. Khibiny, near Kirovsk [Tanasevitch, 2008].

RANGE. West Palaeartic boreo-nemoral.

NOTE. This is the northernmost record of the species.

*Palliduphantes antroniensis* (Schenkel, 1933)

PREVIOUS RECORDS. Near Kuelporr Vil. [Tanasevitch, Kamayev, 2011].

MATERIAL. 1 ♀, [V-ut2], p/t, 6-16.VIII.2009; 2 ♂♂, 1 ♀, [Lo-be], p/t, 11-22.VI.2010; 2 ♂♂, [Lo-lumt], p/t, 11-22.VI.2010; 1 ♂, [Lo-be], sift., 11.VI.2010; 1 ♂, [P-t], p/t, 16-26.VI.2011.

RANGE. European boreo-nemoral.

*Panamomops menzei* Simon, 1926

PREVIOUS RECORDS. Near Kuelporr Vil. [Tanasevitch, Kamayev, 2011].

MATERIAL. 1 ♀, [V-pe1], sift., h/c, VIII.2009.

RANGE. West Palaeartic boreo-nemoral.

*Pelecopsis menzei* (Simon, 1884)

PREVIOUS RECORDS. Vudyavrchorr Mt.; near Kuelporr Vil. [Tanasevitch, Kamayev, 2011].

MATERIAL. 2 ♀♀, [V-pe2]; 1 ♂, [V-bs], s/s, VIII.2009; 1 ♀, [V-bs], p/t, 6-16.VIII.2009; 1 ♂, 1 ♀, [V-bs], sift., h/c, VIII.2009; 1 ♀, [Lo-be], p/t, 11-22.VI.2010; 3 ♂♂, 11 ♀♀, [Lo-lumt], p/t, 11-22.VI.2010; 4 ♀♀, [V-bs], s/s, VIII.2010; 3 ♀♀, [V-bs], sift., VIII.2010; 1 ♂, 2 ♀♀, [P-t], p/t, 16-26.VI.2011; 1 ♂, [P-b1], p/t, 16-26.VI.2011.

RANGE. Holarctic boreo-nemoral.

*Pocadicnemis pumila* (Blackwall, 1841)

MATERIAL. 2 ♀♀, [V-pe1], sift., h/c, VIII.2009; 2 ♂♂, [Lo-lumt], p/t, 11-22.VI.2010; 1 ♀, [Vu-3], sift., 23.VII.2011; 1 ♂, [P-t], p/t, 16-26.VI.2011; 1 ♂, [P-p], p/t, 16-26.VI.2011.

RANGE. Holarctic boreo-nemoral.

*Poecilonea variegata* (Blackwall, 1841)

MATERIAL. 1 ♀, [YU-2], p/t, 16.06-7.07.2014.

RANGE. Palaeartic-West Nearctic boreo-nemoral.

NOTE. This is the first record of species for the Kola Peninsula for the last 100 years. Previously it was recorded in 1910 in Vicinities of Murmansk Biological Station [Fedotov, 1912], Kola Inlet, Ekaterininskaya harbour.

*Porrhomma campbelli* F.O. Pickard-Cambridge, 1894 \*

MATERIAL. 1 ♀, [B-1], sw., 1.VIII.2011.

RANGE. West Palaeartic boreo-nemoral.

*Porrhomma egeria* Simon, 1884

PREVIOUS RECORDS. Vudyavrchorr Mt. [Tanasevitch, Kamayev, 2011].

MATERIAL. 1 ♂, [V-bs], p/t, 6-16.VIII.2009; 1 ♀, [V-ut2], p/t, 6-16.VIII.2009.

RANGE. European boreo-nemoral.

*Porrhomma pallidum* Jackson, 1913

PREVIOUS RECORDS. Near Kuelporr Vil.; Vudyavrchorr Mt. [Tanasevitch, Kamayev, 2011].

MATERIAL. 1 ♀, [V-bs], sift., VIII.2009; 1 ♀, [Lo-be], p/t, 11-22.VI.2010; 1 ♀, [V-pe1], s/s, VIII.2010; 1 ♀, [VS-be], s/s, VIII.2010; 1 ♀, [V-pe1], sift., VIII.2010; 1 ♀, [V-ut2], sift., VIII.2010.

RANGE. Palaeartic polyzonal.

*Porrhomma pygmaeum* (Blackwall, 1834)

MATERIAL. 1 ♂, [Vu-4], h/c, 23.VII.2011.

RANGE. Palaeartic polyzonal.

*Savignia frontata* Blackwall, 1833

PREVIOUS RECORDS. Near Kuelporr Vil. [Tanasevitch, Kamayev, 2011].

MATERIAL. 1 ♀, [V-pe1], sift., VIII.2009; 9 ♂♂, 2 ♀♀, [Nef-3], h/c, 28.VII.2011; 6 ♀♀, [Vu-1], h/c, 23.VII.2011; 9 ♂♂, 11 ♀♀, [Vu-3], sift., 23.VII.2011.

RANGE. West Palaeartic boreo-nemoral.

*Savignia producta* Holm, 1977

MATERIAL. 1 ♀, [V-lut2], sift., VIII.2009; 1 ♂, [VNE-1], sift., 25.VII.2011.

RANGE. West Palaeartic boreal.

*Semljicola faustus* (O. Pickard-Cambridge, 1900)

PREVIOUS RECORDS. Near Kuelporr Vil.; Vudyavrchorr Mt. [Tanasevitch, Kamayev, 2011].

MATERIAL. 1 ♂, [V-be2]; 1 ♀, [V-pe2]; 2 ♀♀, [VS-be], s/s, VIII.2009; 1 ♂, [V-bs], s/s, VIII.2009; 2 ♀♀, [V-bs], p/t, 6-16.VIII.2009; 1 ♀, [V-pe1], s/s, VIII.2010; 2 ♂♂, 6 ♀♀, [VS-be], s/s, VIII.2010; 1 ♀, [V-pe1], sift., VIII.2010; 1 ♂, 6 ♀♀, [VS-be], sift., VIII.2010; 1 ♀, [V-bs], s/s, VIII.2010; 1 ♂, 5 ♀♀, [V-be1], sift., VIII.2010; 1 ♂, 1 ♀, [V-bs], sift., VIII.2010; 3 ♂♂, [P-b1], p/t, 16-26.VI.2011.

RANGE. European boreo-nemoral.

*Semljicola latus* (Holm, 1939)

PREVIOUS RECORDS. Vudyavrchorr Mt.; near Kuelporr Vil. [Tanasevitch, Kamayev, 2011].

MATERIAL. 1 ♀, [V-ut1]; 3 ♂♂, 1 ♀, [V-pe1], s/s, VIII.2009; 6 ♂♂, 4 ♀♀, [V-bs], sift., VIII.2009; 2 ♂♂, 1 ♀, [V-be1], s/s, VIII.2009; 1 ♂, [V-ut2], s/s, VIII.2009; 1 ♂, 1 ♀, [V-be1], sift., VIII.2009; 2 ♀♀, [Lo-be], p/t, 11-22.VI.2010; 1 ♂, 1 ♀, [V-pe1], sift., VIII.2010.

RANGE. Palaeartic boreal.

*Sisicus apertus* (Holm, 1939)

MATERIAL. 1 ♀, [V-pe1], sift., VIII.2009.

RANGE. Holarctic boreo-nemoral.

*Tallusia experta* (O. Pickard-Cambridge, 1871)

PREVIOUS RECORDS. Vudyavrchorr Mt. [Tanasevitch, Kamayev, 2011].

MATERIAL. 1 ♀, [V-bs], sift., VIII.2009.

RANGE. Palaearctic disjunct boreo-nemoral.

*Tapinocyba pallens* (O. Pickard-Cambridge, 1872)

PREVIOUS RECORDS. Vudyavrchorr Mt.; near Kuelporr Vil. [Tanasevitch, Kamayev, 2011].

MATERIAL. 2 ♂♂, 1 ♀, [V-be2]; 4 ♂♂, 1 ♀, [V-pe2]; 3 ♀♀, [V-bs], s/s, VIII.2009; 6 ♀♀, [V-be1], s/s, VIII.2009; 1 ♂, [Lo-be], p/t, 11–22.VI.2010; 1 ♀, [VS-be], s/s, VIII.2010; 2 ♂♂, 7 ♀♀, [V-be1], s/s, VIII.2010; 6 ♀♀, [V-be1], sift., VIII.2010; 1 ♂, 2 ♀♀, [VS-be], sift., VIII.2010; 1 ♂, 1 ♀, [P-p], p/t, 16–26.VI.2011; 2 ♂♂, 4 ♀♀, [P-b2], p/t, 16–26.VI.2011; 1 ♂, [P-b1], p/t, 16–26.VI.2011.

RANGE. West Palaearctic boreo-nemoral.

*Tenuiphantes alacris* (Blackwall, 1853)

PREVIOUS RECORDS. Vudyavrchorr Mt.; near Kuelporr Vil. [Tanasevitch, Kamayev, 2011].

MATERIAL. 1 ♀, [V-ut1]; 1 ♀, [V-be2]; 1 ♂, [V-pe2]; 1 ♀, [V-bs], p/t, 6–16.VIII.2009; 1 ♂, [V-be1], sift., VIII.2009; 1 ♀, [V-bs], sift., VIII.2009; 3 ♀♀, [Lo-be], p/t, 11–22.VI.2010; 1 ♂, [V-pe1], p/t, 7–17.VIII.2010; 2 ♀♀, [V-ut2], s/s, VIII.2010; 2 ♀♀, [V-be1], p/t, 7–17.VIII.2010; 2 ♀♀, [V-ut2], p/t, 7–17.VIII.2010; 3 ♂♂, 4 ♀♀, [P-p], p/t, 16–26.VI.2011; 3 ♀♀, [P-b2], p/t, 16–26.VI.2011.

RANGE. Palaearctic boreo-nemoral.

*Tenuiphantes mengei* (Kulczyński, 1887)

MATERIAL. 1 ♀, [Vu-3], sift., 23.VII.2011.

RANGE. Palaearctic boreo-nemoral.

*Tenuiphantes nigriventris* (L. Koch, 1879)

PREVIOUS RECORDS. Vudyavrchorr Mt. [Tanasevitch, Kamayev, 2011].

MATERIAL. 1 ♀, [V-pe1], s/s, VIII.2009; 8 ♂♂, 3 ♀♀, [V-bs], p/t, 6–16.VIII.2009; 5 ♂♂, 7 ♀♀, [V-pe1], p/t, 6–16.VIII.2009; 2 ♀♀, [V-bs], sift., VIII.2009; 1 ♂, 3 ♀♀, [V-be1], sift., VIII.2009; 2 ♀♀, [V-pe1], s/s, VIII.2010; 3 ♂♂, 4 ♀♀, [VS-be], p/t, 7–17.VIII.2010; 1 ♂, 1 ♀, [V-pe1], p/t, 7–17.VIII.2010; 4 ♂♂, 4 ♀♀, [V-bs], p/t, 7–17.VIII.2010; 4 ♂♂, 2 ♀♀, [V-be1], p/t, 7–17.VIII.2010; 1 ♀, [VS-be], sift., VIII.2010; 1 ♀, [V-be1], sift., VIII.2010; 1 ♂, [VNE-5], sw., 26.VII.2011; 2 ♂♂, 3 ♀♀, [Bot-1], sift., h/c, 22.VII.2011.

RANGE. Palaearctic boreo-nemoral.

*Tenuiphantes tenebricola* (Wider, 1834)

PREVIOUS RECORDS. Vudyavrchorr Mt.; near Kuelporr Vil. [Tanasevitch, Kamayev, 2011].

MATERIAL. 1 ♀, [V-ut1]; 1 ♀, [V-be2]; 2 ♀♀, [V-pe1], s/s, VIII.2009; 1 ♂, 4 ♀♀, [VS-be], s/s, VIII.2009; 2 ♂♂, 2 ♀♀, [VS-be], p/t, 6–16.VIII.2009; 1 ♂, 14 ♀♀, [V-pe1], p/t, 6–16.VIII.2009; 8 ♂♂, 10 ♀♀, [V-bs], p/t, 6–16.VIII.2009; 1 ♀, [V-ut2], sift., VIII.2009; 1 ♂, 5 ♀♀, [V-be1], sift., VIII.2009; 3 ♂♂, 2 ♀♀, [V-bs], sift., VIII.2009; 2 ♂♂, 1 ♀, [V-ut2], p/t, 6–16.VIII.2009; 1 ♀, [Lo-be], p/t, 11–22.VI.2010; 1 ♀, [V-be1], s/s, VIII.2010; 2 ♂♂, 5 ♀♀, [V-be1], p/t, 7–17.VIII.2010; 1 ♀, [V-pe1], p/t, 7–17.VIII.2010; 1 ♀, [VS-be], p/t, 7–17.VIII.2010; 3 ♀♀, [VS-be], sift., VIII.2010; 1 ♀, [V-bs], p/t, 7–17.VIII.2010; 7 ♀♀, [V-ut2], p/t, 7–17.VIII.2010; 1 ♀, [VNE-2], sift., 25.VII.2011; 1 ♂, [Bot-1], sift., h/c, 22.VII.2011; 2 ♀♀, [Vu-3], sift., 23.VII.2011; 8 ♂♂, 3 ♀♀, [P-p], p/t, 16–26.VI.2011; 1 ♀, [P-b2], p/t, 16–26.VI.2011; 7 ♂♂, 1 ♀, [P-b1], p/t, 16–26.VI.2011.

RANGE. West Palaearctic boreo-nemoral.

*Tibioplus diversus* (L. Koch, 1879)

PREVIOUS RECORDS. Near Kuelporr Vil.; Vudyavrchorr Mt. [Tanasevitch, Kamayev, 2011].

MATERIAL. 1 ♂, [Lo-be], p/t, 11–22.VI.2010; 1 ♂, 2 ♀♀, [V-pe1], s/s, VIII.2009; 1 ♀, [V-pe1], s/s, VIII.2010.

RANGE. Palaearctic-NW Nearctic boreal.

*Tiso aestivus* (L. Koch, 1872)

MATERIAL. 1 ♀, [Lo-lumt], p/t, 11–22.VI.2010; 1 ♂, [YUK-3], p/t, 27.06–30.09.2014.

RANGE. Holarctic boreal.

*Walckenaeria antica* (Wider, 1834)

MATERIAL. 1 ♂, [YU-2], p/t, 16.06–7.07.2014.

RANGE. European-Middle Siberian boreo-nemoral.

*Walckenaeria capito* (Westring, 1861)

PREVIOUS RECORDS. Vicinity of MSUFS [Tanasevitch, Kamayev, 2011].

MATERIAL. 1 ♀, [V-lut2], sift., VIII.2009; 2 ♀♀, [Lo-be], p/t, 11–22.VI.2010; 1 ♀, [V-lut2], s/s, VIII.2010; 1 ♀, [VN-3], sift., 24.VII.2011; 1 ♂, [YUK-3], p/t, 27.06–30.09.2014.

RANGE. Holarctic boreo-nemoral.

*Walckenaeria cuspidata* Blackwall, 1833

PREVIOUS RECORDS. Vicinity of MSUFS [Tanasevitch, Kamayev, 2011].

MATERIAL. 1 ♀, [V-pe1], sift., VIII.2009; 1 ♀, [Im-3], sift., h/c, 30.VII.2011; 1 ♂, [YU-1], p/t, 16.06–7.07.2014; 1 ♀, [YU-2], s/s, 16.06.2014.

RANGE. European – Middle Siberian boreo-nemoral.

*Walckenaeria dysderoides* (Wider, 1834)

MATERIAL. 11 ♂♂, 2 ♀♀, [Lo-be], p/t, 11–22.VI.2010; 1 ♀, [Lo-be], s/s, 11.VI.2010; 2 ♂♂, [P-p], p/t, 16–26.VI.2011; 5 ♂♂, [P-b2], p/t, 16–26.VI.2011.

RANGE. Palaearctic boreo-nemoral.

NOTE. This is the northernmost record of the species.

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

PREVIOUS RECORDS. Near Kuelporr Vil.; Vudyavrchorr Mt. [Tanasevitch, Kamayev, 2011].

MATERIAL. 1 ♀, [V-ut1]; 1 ♀, [V-lut2], s/s, VIII.2009; 1 ♀, [V-ut2], sift., VIII.2009; 1 ♀, [V-lut2], sift., VIII.2009; 4 ♂♂, 2 ♀♀, [Lo-be], p/t, 11–22.VI.2010; 1 ♂, [Lo-lumt], p/t, 11–22.VI.2010; 1 ♀, [V-lut2], s/s, VIII.2010; 1 ♀, [V-lut2], sift., VIII.2010; 1 ♂, 2 ♀♀, [Im-2], sift., 30.VII.2011; 3 ♂♂, 2 ♀♀, [VNE-4], sift., 26.VII.2011; 3 ♀♀, [VN-3], sift., 24.VII.2011; 1 ♀, [VNE-1], sift., 25.VII.2011; 1 ♂, [VNE-3], sift., 26.VII.2011; 1 ♂, 1 ♀, [VN-2], h/c, 24.VII.2011; 9 ♂♂, [P-t], p/t, 16–26.VI.2011; 1 ♂, [P-b1], p/t, 16–26.VI.2011.

RANGE. Holarctic arcto-boreal.

*Walckenaeria nudipalpis* (Westring, 1851)

PREVIOUS RECORDS. Near Kuelporr Vil.; Vudyavrchorr Mt. [Tanasevitch, Kamayev, 2011].

MATERIAL. 1 ♂, [VS-be], sift., VIII.2009; 2 ♀♀, [V-be1], sift., VIII.2009; 1 ♀, [V-lut2], sift., VIII.2009; 1 ♂, [VS-be], s/s, VIII.2010; 1 ♂, [Bog], sift. of *Sphagnum* sp., 1.VIII.2011.

RANGE. Palaearctic boreo-nemoral.

*Zornella cultrigera* (L. Koch, 1879)

PREVIOUS RECORDS. Vudyavrchorr Mt. [Tanasevitch, Kamayev, 2011].

MATERIAL. 1 ♂, [V-pe2]; 1 ♀, [V-ut1]; 1 ♂, [V-lut2], p/t, 6–16.VIII.2009; 18 ♀♀, [Lo-be], p/t, 11–22.VI.2010; 1 ♀, [V-

**be1**], p/t, 7–17.VIII.2010; 1 ♀, [**VNE-1**], sift., 25.VII.2011; 3 ♂♂, 1 ♀, [**VNE-3**], sift., 26.VII.2011; 1 ♀, [**VN-2**], h/c, 24.VII.2011; 1 ♀, [**P-t**], p/t, 16–26.VI.2011; 12 ♀♀, [**P-p**], p/t, 16–26.VI.2011; 6 ♀♀, [**P-b2**], p/t, 16–26.VI.2011; 1 ♀, [**P-b1**], p/t, 16–26.VI.2011.

RANGE. Palaearctic boreal [Marusik et al., 2007; Tanasevitch, 2008].

#### Fam. LIOCRANIDAE (2)

##### *Agroeca lusatica* (L. Koch, 1875) \*

MATERIAL. 1 ♂, [**V-ut2**], p/t, 6–16.VIII.2009.

RANGE. West Palaearctic boreo-nemoral.

NOTE. This is the northernmost record of the species.

##### *Agroeca proxima* (O. Pickard-Cambridge, 1871)

PREVIOUS RECORDS. Vudiyavrchorr Mt. [Tanasevitch, Kamayev, 2011].

MATERIAL. 1 ♀, [**V-be1**], h/c, VIII.2009; 1 ♂, [**V-ut2**], p/t, 7–17.VIII.2010; 1 ♀, [**Vu-3**], sift., 23.VII.2011.

RANGE. West Palaearctic boreal.

#### Fam. LYCOSIDAE (18)

##### *Acantholycosa norvegica* (Thorell, 1872)

PREVIOUS RECORDS. Vudiyavrchorr Mt. [Tanasevitch, Kamayev, 2011].

MATERIAL. 1 ♂, [**MSU**], h/c, 27.VI.2009; 1 ♀, [**Lo-be**], p/t, 11–22.VI.2010; 1 ♂, [**K-ut2**], p/t, 17–31.VII.2010; 1 ♀, [**V-ut2**], p/t, 7–17.VIII.2010; 1 ♀, [**YU-1**], p/t, 16.06–7.07.2014; 1 ♂, 1 ♀, [**YU-2**], p/t, 16.06–7.07.2014; 9 ♂♂, 2 ♀♀, [**YU-3**], p/t, 16.06–7.07.2014; 4 ♂♂, 1 ♀, [**YUK-1**], p/t, 27.06–30.09.2014.

RANGE. Palaearctic disjunct boreo-montane.

##### *Alopecosa aculeata* (Clerck, 1758)

MATERIAL. 4 ♂♂, [**K-It**], p/t, 25–26.VI.2009; 1 ♂, 3 ♀♀, [**K-1**], p/t, 25–26.VI.2009; 1 ♂, [**K-2**], h/c, 26.VI.2009; 1 ♀, [**K-1**], h/c, 25.VI.2009; 1 ♂, [**K-1**], p/t, 24–25.VI.2009; 1 ♀, [**K-4**], h/c, 26.VI.2009; 2 ♂♂, [**K-ut1**], p/t, 25–26.VI.2009; 1 ♂, [**K-lut1**], h/c, 25.VI.2009; 1 ♀, [**K-ut1**], h/c, 26.VI.2009; 105 ♂♂, 5 ♀♀, [**Lo-be**], p/t, 11–22.VI.2010; 3 ♂♂, 1 ♀, [**K-ut2**], p/t, 17–31.VII.2010; 7 ♂♂, 13 ♀♀, [**K-lut3**], p/t, 17–31.VII.2010; 1 ♀, [**K-lut2**], p/t, 17–31.VII.2010; 1 ♀, [**K-lut3**], h/c, 17.VII.2010; 128 ♂♂, 26 ♀♀, [**P-t**], p/t, 16–26.VI.2011; 1 ♀, [**P-b2**], p/t, 16–26.VI.2011.

RANGE. Holarctic boreo-nemoral.

##### *Alopecosa pinetorum* (Thorell, 1856) \*

MATERIAL. 3 ♂♂, 1 ♀, [**Lo-be**], p/t, 11–22.VI.2010; 1 ♂, [**P-t**], p/t, 16–26.VI.2011.

RANGE. European-Middle Siberian boreo-nemoral.

##### *Alopecosa pulverulenta* (Clerck, 1758)

PREVIOUS RECORDS. Vudiyavrchorr Mt. [Tanasevitch, Kamayev, 2011].

MATERIAL. 1 ♀, [**V-ut2**], h/c, VIII.2009.

RANGE. Palaearctic boreo-nemoral.

##### *Alopecosa taeniata* (C.L. Koch, 1835) \*

MATERIAL. 10 ♂♂, 3 ♀♀, [**P-p**], p/t, 16–26.VI.2011; 73 ♂♂, 13 ♀♀, [**P-b2**], p/t, 16–26.VI.2011; 1 ♂, 1 ♀, [**P-b1**], p/t, 16–26.VI.2011.

RANGE. Palaearctic boreo-nemoral.

##### *Arctosa alpigena* (Doleschall, 1852)

PREVIOUS RECORDS. Vudiyavrchorr Mt. [Tanasevitch, Kamayev, 2011].

MATERIAL. 2 ♀♀, [**V-lut2**], p/t, 6–16.VIII.2009; 1 ♂, [**Lo-lumt**], p/t, 11–22.VI.2010; 1 ♂, 5 ♀♀, [**K-ut2**], p/t, 17–31.VII.2010; 1 ♀, [**V-lut2**], p/t, 7–17.VIII.2010; 1 ♀, [**VN-1**], h/c, 1.VIII.2011; 5 ♂♂, 2 ♀♀, [**P-t**], p/t, 16–26.VI.2011.

RANGE. Holarctic arcto-boreal.

##### *Pardosa agricola* (Thorell, 1856)

MATERIAL. 3 ♂♂, [**SU-1**], p/t, 23.06–4.09.2014.

RANGE. European-Middle Siberian boreo-nemoral.

##### *Pardosa amentata* (Clerck, 1758)

PREVIOUS RECORDS. Vudiyavrchorr Mt. [Tanasevitch, Kamayev, 2011].

MATERIAL. 1 ♀, forest near the Kamennoe lake, h/c, 5.VI.2008; 2 ♂♂, [**K-be**], p/t, 25–26.VI.2009; 1 ♂, [**VL**], p/t, 27–28.VI.2009; 1 ♂, 2 ♀♀, [**V-be1**], h/c, VIII.2009; 4 ♀♀, [**Nef-3**], h/c, 28.VII.2011; 3 ♀♀, [**Bot-4**], h/c, 22.VII.2011; 1 ♀, [**Bot-1**], sift., h/c, 22.VII.2011; 2 ♀♀, [**Vu-1**], h/c, 23.VII.2011; 1 ♀, [**VN-1**], h/c, 1.VIII.2011; 1 ♀, [**P-t**], p/t, 16–26.VI.2011.

RANGE. European boreo-nemoral.

##### *Pardosa eiseni* (Thorell, 1875)

PREVIOUS RECORDS. Vudiyavrchorr Mt. [Tanasevitch, Kamayev, 2011].

MATERIAL. 2 ♂♂, [**K-It**], p/t, 25–26.VI.2009; 3 ♂♂, 1 ♀, [**K-2**], h/c, 26.VI.2009; 1 ♂, 1 ♀, [**K-ut1**], p/t, 25–26.VI.2009; 2 ♂♂, 1 ♀, [**K-1**], h/c, 25.VI.2009; 1 ♂, 2 ♀♀, [**K-4**], h/c, 26.VI.2009; 1 ♂, [**K-3**], h/c, 25.VI.2009; 1 ♀, [**K-2**], h/c, 25.VI.2009; 1 ♂, [**K-It**], p/t, 25–26.VI.2009; 3 ♀♀, [**V-ut2**], p/t, 6–16.VIII.2009; 8 ♀♀, [**V-lut2**], p/t, 6–16.VIII.2009; 303 ♂♂, 58 ♀♀, [**Lo-be**], p/t, 11–22.VI.2010; 5 ♂♂, 1 ♀, [**Lo-lumt**], p/t, 11–22.VI.2010; 1 ♀, [**Lo-lumt**], sift., 11.VI.2010; 2 ♀♀, [**K-lut3**], p/t, 17–31.VII.2010; 7 ♀♀, [**K-lut2**], p/t, 17–31.VII.2010; 5 ♀♀, [**V-lut2**], p/t, 7–17.VIII.2010; 1 ♀, [**V-ut2**], p/t, 7–17.VIII.2010; 1 ♀, [**V-lut2**], h/c, VIII.2010; 1 ♀, [**Im-3**], sift., h/c, 30.VII.2011; 68 ♂♂, 13 ♀♀, [**P-t**], p/t, 16–26.VI.2011; 1 ♂, [**P-b2**], p/t, 16–26.VI.2011.

RANGE. Palaearctic arcto-boreal.

##### *Pardosa hyperborea* (Thorell, 1872)

PREVIOUS RECORDS. Vudiyavrchorr Mt. [Tanasevitch, Kamayev, 2011].

MATERIAL. 1 ♂, [**V-ut1**]; 1 ♀, [**K-lut1**], h/c, 25.VI.2009; 1 ♀, [**V-ut2**], p/t, 6–16.VIII.2009; 4 ♀♀, [**V-lut2**], p/t, 6–16.VIII.2009; 49 ♂♂, 7 ♀♀, [**Lo-be**], p/t, 11–22.VI.2010; 710 ♂♂, 136 ♀♀, [**Lo-lumt**], p/t, 11–22.VI.2010; 2 ♀♀, [**K-ut2**], p/t, 17–31.VII.2010; 2 ♀♀, [**V-ut2**], p/t, 7–17.VIII.2010; 1 ♀, [**V-lut2**], sift., VIII.2010; 1 ♀, Kukisvumchorr Mt., dwarf shrub tundra, on the tent, h/c, 31.VII.2010; 1 ♀, [**Im-2**], sift., 30.VII.2011; 1 ♀, [**VN-3**], sift., 24.VII.2011; 47 ♂♂, 14 ♀♀, [**P-t**], p/t, 16–26.VI.2011; 1 ♂, [**P-b2**], p/t, 16–26.VI.2011.

RANGE. Subcircum-Holarctic boreo-montane.

##### *Pardosa lapponica* (Thorell, 1872)

MATERIAL. 3 ♂♂, [**YU-2**], p/t, 16.06–7.07.2014; 1 ♂, [**YU-3**], p/t, 16.06–7.07.2014.

RANGE. Holarctic boreal.

##### *Pardosa lugubris* (Walckenaer, 1802)

MATERIAL. 1 ♂, [**Lo-be**], p/t, 11–22.VI.2010; 1 ♀, [**V-ut2**], h/c, VIII.2009; 6 ♀♀, [**Bot-4**], h/c, 22.VII.2011; 3 ♂♂, 1 ♀, [**P-t**], p/t, 16–26.VI.2011; 13 ♂♂, 1 ♀, [**P-p**], p/t, 16–26.VI.2011; 192 ♂♂, 28 ♀♀, [**P-b2**], p/t, 16–26.VI.2011.

RANGE. Palaearctic boreo-nemoral.

##### *Pardosa palustris* (Linnaeus, 1758)

PREVIOUS RECORDS. Vudiyavrchorr Mt. [Vasilyeva, Nekhaev, 2009].

MATERIAL. 5 ♂♂, 4 ♀♀, [**V**], p/t, 11–12.VII.2008; 47 ♂♂,

6 ♀♀, [Lo-be], p/t, 11–22.VI.2010; 7 ♂♂, [Lo-lumt], p/t, 11–22.VI.2010; 1 ♀, [VN-1], h/c, 24.VII.2011; 1 ♀, [VN-1], h/c, 1.VIII.2011; 4 ♂♂, [P-t], p/t, 16–26.VI.2011; 1 ♂, [P-b1], p/t, 16–26.VI.2011.

RANGE. Palaearctic-West Nearctic boreo-ne-moral.

*Pardosa prativaga* (L. Koch, 1870) ^

PREVIOUS RECORDS. Vudyavrchorr Mt. [Tanasevitch, Kamayev, 2011].

RANGE. West Palaearctic boreo-nemoral.

*Pardosa sphagnicola* (F. Dahl, 1908)

PREVIOUS RECORDS. Vudyavrchorr Mt. [Tanasevitch, Kamayev, 2011].

MATERIAL. 1 ♀, [V-bs], h/c, VIII.2009; 1 ♂, [Lo-lumt], p/t, 11–22.VI.2010.

RANGE. West Palaearctic boreo-nemoral.

*Pirata piraticus* (Clerck, 1758)

MATERIAL. 1 ♂, [SU-2], p/t, 22/06–10.07.2013.

RANGE. Holarctic polyzonal.

*Trochosa terricola* Thorell, 1856

MATERIAL. 2 ♂♂, 1 ♀, [P-p], p/t, 16–26.VI.2011; 1 ♀, [P-b2], p/t, 16–26.VI.2011.

RANGE. Holarctic boreo-nemoral.

*Xerolycosa nemoralis* (Westring, 1861)

MATERIAL. 1 ♂, [Lo-be], p/t, 11–22.VI.2010; 1 ♂, [VN-1], h/c, 1.VIII.2011; 2 ♂♂, 2 ♀♀, [SU-1], p/t, 23.06–4.09.2014.

RANGE. Palaearctic boreo-nemoral.

Fam. MIMETIDAE (1)

*Ero* sp.

MATERIAL. 1 juv., [YU-1], p/t, 16.06–7.07.2014.

Fam. MITURGIDAE (1)

*Zora nemoralis* (Blackwall, 1861)

MATERIAL. 1 ♂, [SU-1], p/t, 23.06–4.09.2014.

RANGE. Palaearctic boreo-nemoral.

Fam. PHILODROMIDAE (3)

*Philodromus cespitum* (Walckenaer, 1802) \*

MATERIAL. 1 ♀, [Im-1], h/c, 30.VII.2011.

RANGE. Holarctic polyzonal.

*Thanatus formicinus* (Clerck, 1758)

MATERIAL. 2 ♂♂, [YUK-1], p/t, 27.06–30.09.2014; 1 ♂, 1 ♀, [YUK-2], p/t, 27.06–30.09.2014.

RANGE. Holarctic boreo-nemoral.

*Tibellus oblongus* (Walckenaer, 1802)

MATERIAL. 1 ♀, [V-pe1], sift., h/c, VIII.2009; 1 ♀, [V-pe1], s/s, VIII.2010.

RANGE. Holarctic boreo-nemoral.

Fam. SALTICIDAE (3)

*Evarcha falcata* (Clerck, 1758)

MATERIAL. 2 ♀♀, [V-pe1], sift., h/c, VIII.2009; 1 ♂, [YU-3], p/t, 16.06–7.07.2014.

RANGE. West Palaearctic boreo-nemoral.

*Sitticus ranieri* (Peckham et Peckham, 1909)

MATERIAL. 1 ♂, [Lo-lumt], p/t, 11–22.VI.2010; 1 ♂, [VN-1], h/c, 1.VIII.2011; 1 ♂, [YU-3], p/t, 16.06–7.07.2014.

RANGE. Holarctic boreo-montane.

NOTE. Previously species was recorded for the Kola Peninsula from vicinity of the Monchegorsk city [Kronstedt, Logunov, 2001], but this finding was missed by Tanasevitch, Kamayev [2011].

*Talavera aequipes* (O. Pickard-Cambridge, 1871)

MATERIAL. 1 ♀, [V-lut2], sift., VIII.2009; 1 ♀, [V-lut2], s/s, VIII.2010.

RANGE. Palaearctic boreo-nemoral.

NOTE. This is the northernmost record of the species.

Fam. TETRAGNATHIDAE (1)

*Tetragnatha extensa* (Linnaeus, 1758)

MATERIAL. 1 ♂, [Vu-2], sw., 23.VII.2011; 1 ♀, [B-2], sw., 1.VIII.2011.

RANGE. Holarctic polyzonal.

Fam. THERIDIIDAE (4)

*Asagena phalerata* (Panzer, 1801)

MATERIAL. 1 ♂, [YU-2], p/t, 16.06–7.07.2014.

RANGE. Palaearctic boreo-nemoral.

*Robertus lividus* (Blackwall, 1836)

PREVIOUS RECORDS. Vicinity of MSUFS; Vudyavrchorr Mt.; near Kuelporr Vil. [Tanasevitch, Kamayev, 2011].

MATERIAL. 1 ♀, [V-ut1]; 1 ♂, 2 ♀♀, [V-pe2]; 1 ♀, [K-be], under a log, h/c, 25.VI.2009; 1 ♂, 2 ♀♀, [V-pe1], s/s, VIII.2009; 1 ♂, [VS-be], s/s, VIII.2009; 1 ♂, 1 ♀, [V-bs], p/t, VIII.2009; 4 ♂♂, 1 ♀, [V-be1], s/s, VIII.2009; 1 ♂, [VS-be], p/t, 6–16.VIII.2009; 3 ♀♀, [V-be1], sift., VIII.2009; 1 ♂, 1 ♀, [Lo-be], p/t, 11–22.VI.2010; 5 ♂♂, 1 ♀, [Lo-lumt], p/t, 11–22.VI.2010; 1 ♂, [VS-be], s/s, VIII.2010; 2 ♀♀, [V-be1], s/s, VIII.2010; 1 ♂, 1 ♀, [VS-be], p/t, 7–17.VIII.2010; 1 ♂, [V-be1], p/t, 7–17.VIII.2010; 1 ♀, [V-be1], sift., VIII.2010; 1 ♀, [V-ut2], sift., VIII.2010; 1 ♀, [Nef-3], h/c, 28.VII.2011; 1 ♀, [VNE-2], sift., 25.VII.2011; 1 ♀, [Im-2], h/c under a stones on bald ground, 30.VII.2011; 1 ♀, [VNE-4], sift., 26.VII.2011; 1 ♀, [Bot-1], sift., h/c, 22.VII.2011; 1 ♀, [VN-2], h/c, 24.VII.2011; 1 ♂, 2 ♀♀, [Vu-3], sift., 23.VII.2011; 1 ♂, 1 ♀, [P-t], p/t, 16–26.VI.2011; 2 ♂♂, 3 ♀♀, [P-p], p/t, 16–26.VI.2011; 2 ♂♂, [P-b2], p/t, 16–26.VI.2011; 20 ♂♂, 3 ♀♀, [P-b1], p/t, 16–26.VI.2011.

RANGE. Palaearctic-NW Nearctic boreo-nemoral.

*Robertus lyrifer* Holm, 1939

PREVIOUS RECORDS. near Kuelporr Vil. [Tanasevitch, Kamayev, 2011].

MATERIAL. 1 ♀, [V-pe1], sift., VIII.2009.

RANGE. Holarctic boreal.

*Robertus scoticus* Jackson, 1914

PREVIOUS RECORDS. Vudyavrchorr Mt.; near Kuelporr Vil. [Tanasevitch, Kamayev, 2011].

MATERIAL. 3 ♀♀, [V-pe1], s/s, VIII.2009; 4 ♂♂, 17 ♀♀, [VS-be], s/s, VIII.2009; 3 ♂♂, 8 ♀♀, [VS-be], s/s, VIII.2010; 1 ♀, [V-bs], s/s, VIII.2010; 3 ♂♂, 1 ♀, [VS-be], p/t, 7–17.VIII.2010; 1 ♀, [V-be1], sift., VIII.2010; 1 ♂, 11 ♀♀, [P-p], p/t, 16–26.VI.2011; 1 ♂, [P-b2], p/t, 16–26.VI.2011; 1 ♂, [P-b1], p/t, 16–26.VI.2011.

RANGE. European-Middle Siberian boreo-nemoral.

## Fam. THOMISIDAE (7)

*Ozyptila arctica* Kulczyński, 1908

PREVIOUS RECORDS. Vudavrchorr Mt. [Kamayev, 2010; Tanasevitch, Kamayev, 2011].

MATERIAL. 1 ♀, [V-ut2], p/t, 6–16.VIII.2009; 1 ♀, [V-lut2], p/t, 6–16.VIII.2009; 1 ♂, [Lo-be], p/t, 11–22.VI.2010; 18 ♂♂, 2 ♀♀, [Lo-lumt], p/t, 11–22.VI.2010; 1 ♀, [Lo-lumt], s/s, 11.VI.2010; 2 ♀♀, [K-ut2], p/t, 17–31.VII.2010; 1 ♀, [V-lut2], sift., VIII.2010; 4 ♂♂, 1 ♀, [Im-3], sift., h/c, 30.VII.2011; 3 ♀♀, [VNE-4], sift., 26.VII.2011; 1 ♂, 1 ♀, [VN-3], sift., 24.VII.2011; 1 ♂, 1 ♀, [VNE-1], sift., 25.VII.2011; 1 ♂, 1 ♀, [VN-2], h/c, 24.VII.2011; 7 ♂♂, 1 ♀, [P-t], p/t, 16–26.VI.2011.

RANGE. Palaearctic-NW Nearctic arcto-boreal.

*Ozyptila atomaria* (Panzer, 1801)

MATERIAL. 1 ♂, 1 ♀, [YU-1], p/t, 27.06–30.09.2014; 1 ♂, 1 ♀, [SU-1], p/t, 23.06–4.09.2014.

RANGE. Palaearctic boreo-nemoral.

*Ozyptila trux* (Blackwall, 1846)

MATERIAL. 1 ♀, [V-pe1], sift., VIII.2009; 1 ♂, [P-p], p/t, 16–26.VI.2011; 1 ♂, [P-b2], p/t, 16–26.VI.2011.

RANGE. Palaearctic boreo-nemoral.

*Xysticus audax* (Schrank, 1803)

MATERIAL. 1 ♂, [P-p], p/t, 16–26.VI.2011.

RANGE. Palaearctic boreo-nemoral.

*Xysticus luctuosus* (Blackwall, 1836)

PREVIOUS RECORDS. Vudavrchorr Mt. [Tanasevitch, Kamayev, 2011]

MATERIAL. 1 ♀, [V-pe1], sift., h/c, VIII.2009; 8 ♂♂, [Lo-be], p/t, 11–22.VI.2010.

RANGE. Holarctic boreo-nemoral.

*Xysticus obscurus* Collett, 1877

MATERIAL. 1 ♀, [V-ut1]; 1 ♂, [Lo-be], p/t, 11–22.VI.2010; 4 ♂♂, [Lo-lumt], p/t, 11–22.VI.2010; 11 ♂♂, [P-t], p/t, 16–26.VI.2011; 2 ♂♂, [P-b2], p/t, 16–26.VI.2011; 1 ♂, [P-b1], p/t, 16–26.VI.2011.

RANGE. Holarctic boreal.

*Xysticus sabulosus* (Hahn, 1832) ^

PREVIOUS RECORDS. Vicinity of MSUFS [Tanasevitch, Kamayev, 2011].

RANGE. European boreo-nemoral.

NOTE. This is the northernmost record of the species.

## Fam. TITANOECIDAE (1)

*Titanoeca nivalis* Simon, 1874 \*

MATERIAL. 2 ♂♂, [YUK-1], p/t, 27.06–30.09.2014.

RANGE. Palaearctic-West Nearctic boreo-montane.

## Discussion

Over 4800 adult spider specimens belonging to 145 species of 17 families were collected during our investigation. A total list of the species of Khibiny Mts consists of 161 species belonging to 17 families. The family Mimetidae was represented only by juvenile specimens. Thirty one species (see Table 1; including five species — *Araniella proxima*, *Gnaphosa bicolor*,

*G. leporina*, *Zelotes clivicola*, *Titanoeca nivalis* — that were discovered during the final stage of this study) have not yet been found in other parts of the Kola Peninsula. Twenty species (*Araniella proxima*, *Cyclosa conica*, *Gnaphosa bicolor*, *G. lapponum*, *G. leporina*, *Zelotes clivicola*, *Agyneta affinis*, *A. rurestris*, *Ceratinella wideri*, *Dicymbium nigrum*, *Drapetisca socialis*, *Entelecara erythropus*, *Moebelia penicillata*, *Oedothorax apicatus*, *Porrhomma campbelli*, *Agroeca lusatica*, *Alopecosa pinetorum*, *A. taeniata*, *Philodromus cespitum*, *Titanoeca nivalis*) and one family (Titanocidae) have been reported from the Kola Peninsula for the first time.

The family Linyphiidae accounts for 63% of the total species diversity and presents in all the habitats studied. Lycosidae amounts only for 11% of the total species diversity. The proportions of other families are insignificant and do not exceed 3%, while Gnaphosidae and Thomisidae account for 6% and 4% respectively. The predominance of the linyphiids and lycosids is also a characteristic feature of the spider fauna of the entire Kola Peninsula [Tanasevitch, Kamayev, 2011], as well as of its tundra zone [Tanasevitch, Rybalov, 2010], and seems to be typical of European high altitude spider faunas [Koponen, 1993].

Some 90% of the species found in the Khibiny Mts display wide ranges, with the Holarctic and Palaearctic distribution being especially common. Boreo-nemoral and boreal species predominate and amount for 61% and 17% respectively. Arcto-boreal species are not numerous and account for 5% only.

The most abundant species in the studied material are *Agyneta cauta*, *Alopecosa aculeata*, *A. taeniata*, *Centromerus arcanus*, *Erigone dentipalpis*, *Gnaphosa muscorum*, *Hilaira herniosa*, *P. eiseni*, *P. lugubris*, *P. palustris* and *P. hyperborea*. The latter species is most abundant, being presented in the material by slightly less than 1000 specimens.

The highest species number (73) among the studied habitats has been observed in the best studied tundra communities (Table 1). Yet, a high species diversity has been discovered in the spruce forests (66), the mountain birch forests (61) and the birch forests (43). All other habitats have a less number of species probably due to their poorer exploration. On the contrary, in the Swedish mountains (Torneträsk area) [Holm, 1950] and in the northernmost Finnish low mountains (the vicinity of Kevo Subarctic Research Station) [Koponen, 1976], the species number decreases with the increase of altitude (particularly when changing from the taiga to the tundra).

Nearly a half of the collected species (61) were recorded from the only habitat type. Some of the unique species for both the tundra and the spruce forest are most numerous amounting for 23% (17 species) and 24% (16) respectively.

The majority of studied habitats were split into two main groups by means of the cluster analysis (Fig. 3). The first one includes the spider assemblages of the

Table 1. Species composition and habitat distribution of the spiders in the Khibiny Mountains.  
Таблица 1. Видовой состав и биотопическое распределение пауков в Хибинских горах.

Taxa	SF	BF	MB	T	SD	SR	B	R	M	PF	AH
<b>Fam. Amaurobiidae</b>											
<i>Arctobius agelenoides</i> (Emerton, 1919) >				+							
<b>Fam. Araneidae</b>											
<i>Cyclosa conica</i> (Pallas, 1772) * >										+	
<b>Fam. Gnaphosidae</b>											
<i>Gnaphosa lapponum</i> (L. Koch, 1866) * >				+							
<i>G. muscorum</i> (L. Koch, 1866)				+							
<i>Haplodrassus signifer</i> (C.L. Koch, 1839)			+	+							
<i>H. soerenseni</i> (Strand, 1900)	+		+	+							
<i>Micaria alpina</i> L. Koch, 1872				+							
<i>Zelotes subterraneus</i> (C.L. Koch, 1833)			+								
<b>Fam. Hahniidae</b>											
<i>Cryphroeca silvicola</i> (C.L. Koch, 1834)	+	+								+	
<i>Hahnia ononidum</i> Simon, 1875	+	+		+							
<b>Fam. Linyphiidae</b>											
<i>Abacoproeces saltuum</i> (L. Koch, 1872)	+										
<i>Abiskoa abiskoensis</i> (Holm, 1945) >	+										
<i>Agyphantes expunctus</i> (O. Pickard-Cambridge, 1875)	+										
<i>Agneta affinis</i> (Kulczyński, 1898) * >			+								
<i>A. cauta</i> (O. Pickard-Cambridge, 1902)	+		+	+							
<i>A. conigera</i> (O. Pickard-Cambridge, 1863)	+		+								
<i>A. gulosa</i> (L. Koch, 1869)		+	+	+		+					
<i>A. rurestris</i> (C.L. Koch, 1836) * >				+							
<i>Allomengea scopigera</i> (Grube, 1859)	+	+		+							
<i>Bathyphantes eumenis</i> (L. Koch, 1879)		+									
<i>B. reprobus</i> (Kulczyński, 1916) >	+										
<i>B. setiger</i> F.O. Pickard-Cambridge, 1894											+
<i>Bolephthyphantes index</i> (Thorell, 1856)			+	+							
<i>Bolyphantes alticeps</i> (Sundevall, 1833)							+				
<i>B. luteolus</i> (Blackwall, 1833)	+	+		+							
<i>Centromerus arcanus</i> (O. Pickard-Cambridge, 1873)	+	+	+	+			+				
<i>C. incilium</i> (L. Koch, 1881) >		+									
<i>C. sylvaticus</i> (Blackwall, 1841)	+	+	+					+	+		+





Table 1 (contituing)  
Таблица 1 (продолжение)

<i>Maso sundevalli</i> (Westring, 1851)	+	+	+	+				+			
<i>Mecynargus borealis</i> (Jackson, 1930)				+							
<i>M. monticola</i> (Holm, 1943)	+			+							
<i>M. morulus</i> (O. Pickard-Cambridge, 1873)	+	+	+	+							
<i>Metopobactrus prominulus</i> (O. Pickard-Cambridge, 1872)				+							
<i>Micrargus herbigradus</i> (Blackwall, 1854)	+		+	+				+			
<i>Microneta viaria</i> (Blackwall, 1841)	+	+	+					+	+		+
<i>Minyrioloides trifrons</i> (O. Pickard-Cambridge, 1863)		+									
<i>Minyriolus pusillus</i> (Wider, 1834)	+	+	+								
<i>Moebelia penicillata</i> (Westring, 1851) * >				+							
<i>Neriene clathrata</i> (Sundevall, 1830)			+								
<i>N. radiata</i> (Walckenaer, 1842) >	+										
<i>Obscuriphantes obscurus</i> (Blackwall, 1841)		+									+
<i>Oedothorax agrestis</i> (Blackwall, 1853)								+			
<i>O. apicatus</i> (Blackwall, 1850) *								+			
<i>O. retusus</i> (Westring, 1851)								+			
<i>Oreoneta sinuosa</i> (Tullgren, 1955)	+			+							
<i>Oreonetides vaginatus</i> (Thorell, 1872)	+	+	+	+							
<i>Oryphantes angulatus</i> (O. Pickard-Cambridge, 1881)	+	+	+	+				+			
<i>Palliduphantes alutacius</i> (Simon, 1884) >								+			
<i>P. antroniensis</i> (Schenkel, 1933)	+		+	+							
<i>Panamomops menzei</i> Simon, 1926	+										
<i>Pelecopsis menzei</i> (Simon, 1884)	+	+	+	+							
<i>Pocadicnemis pumila</i> (Blackwall, 1841)	+			+				+			
<i>Porrhomma campbelli</i> F. O. Pickard-Cambridge, 1894 * >		+									
<i>P. egeria</i> Simon, 1884		+		+							
<i>P. pallidum</i> Jackson, 1913	+	+	+	+							
<i>P. pygmaeum</i> (Blackwall, 1834)								+			
<i>Savignia frontata</i> Blackwall, 1833	+							+			
<i>S. producta</i> Holm, 1977				+							
<i>Semljicola faustus</i> (O. Pickard-Cambridge, 1900)	+	+	+								
<i>S. latus</i> (Holm, 1939)	+	+	+	+							
<i>Sisicus apertus</i> (Holm, 1939)	+										
<i>Tallusia experta</i> (O. Pickard-Cambridge, 1871)		+		+							



Table 1 (contituing)  
Таблица 1 (продолжение)

<b>Fam. Salticidae</b>											
<i>Evarcha falcata</i> (Clerck, 1758)	+										
<i>Sitticus ranieri</i> (Peckham et Peckham, 1909)				+		+					
<i>Talavera aequipes</i> (O. Pickard-Cambridge, 1871)				+							
<b>Fam. Tetragnathidae</b>											
<i>Tetragnatha extensa</i> (Linnaeus, 1758)		+						+			
<b>Fam. Theridiidae</b>											
<i>Robertus lividus</i> (Blackwall, 1836)	+	+	+	+				+	+		+
<i>R. lyrifer</i> Holm, 1939	+										
<i>R. scoticus</i> Jackson, 1914	+	+	+								
<b>Fam. Thomisidae</b>											
<i>Ozyptila arctica</i> Kulczyński, 1908		+	+	+							
<i>O. trux</i> (Blackwall, 1846)	+		+								
<i>Xysticus audax</i> (Schränk, 1803)	+										
<i>X. luctuosus</i> (Blackwall, 1836)	+		+								
<i>X. obscurus</i> Collett, 1877			+	+							
<i>X. sabulosus</i> (Hahn, 1832) >											+
<b>Total species</b>	<b>66</b>	<b>43</b>	<b>61</b>	<b>73</b>	<b>1</b>	<b>8</b>	<b>7</b>	<b>26</b>	<b>9</b>	<b>5</b>	<b>10</b>
<b>Total families</b>	<b>8</b>	<b>6</b>	<b>6</b>	<b>9</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>5</b>	<b>3</b>	<b>4</b>	<b>3</b>
<b>Total unique species</b>	<b>16</b>	<b>7</b>	<b>4</b>	<b>17</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>8</b>	<b>1</b>	<b>3</b>	<b>3</b>

The species that have been found in the Kola Peninsula from the Khibiny marked only are marked with (>); the species that have been recorded from the Kola Peninsula for the first time are marked with (\*). Abbreviations: SF — spruce forests; BF — birch forests; MB — mountain birch forests; T — tundra communities; SD — stony desert; SR — screes; B — bogs; R — riparian habitats; M — meadows; PF — pine forests; AH — anthropogenic habitats.

Виды, найденные на Кольском полуострове только в Хибинах отмечены (>); виды, отмеченные впервые для Кольского полуострова выделены (\*). Сокращения: SF — еловые леса; BF — березовые леса; MB — березовые криволеся; T — тундры; SD — каменистая пустыня; SR — каменистые осыпи; B — болота; R — прибрежные сообщества; M — луга; PF — сосновые леса; AH — антропогенные местообитания.

main types of mountain communities (mountain birch forests, spruce forests, tundra communities, birch forests), whereas the other one – the habitats that not depend on altitude (meadows, riparian and anthropogenic habitats). The less studied sites (screes, pine forests, stony desert, bogs) turned out to be separated on individual branches on the dendrogram. Nine species (*Macrargus rufus*, *Mecynargus morulus*, *Oreonetides vaginatus*, *Pelecopsis mengei*, *Porrhomma pallidum*, *Semljicola latus*, *Tenuiphantes alacris*, *Walckenaeria karpinskii*, *Zornella cultrigera*) were recorded in each type of the mountain habitats and were not found in other biotopes. Both *Leptorhoptrum robustum* and *Robertus lividus* were found in almost all the studied habitats (except for stony desert, bogs, pine forest and also screes for the latter species).

Despite the fact that the number of arachnological studies of the Khibiny Mts has increased recently, the data on spider distribution in this region are still incomplete. The number of spider species found there is lesser than that of the adjacent, well-studied Torne-träsk Mts (Sweden), from where there are as many as 190 recorded species [Holm, 1950; T. Kronstedt, pers. comm.]. Data on the spider fauna of some areas of the Khibiny still remain poor or are absent.

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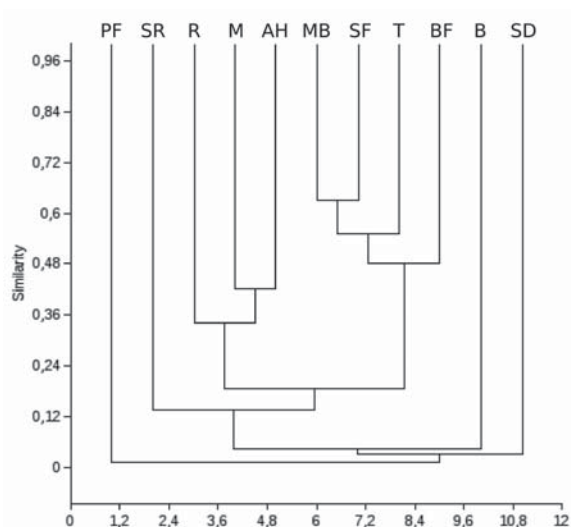


Fig. 3. A similarity dendrogram of the different habitats by their species composition: SF — spruce forests; BF — birch forests; MB — mountain birch forests; T — tundra communities; SD — stony desert; SR — screes; B — bogs; R — riparian habitats; M — meadows; PF — pine forests; AH — anthropogenic habitats.

Рис. 3. Дендрограмма сходства местообитаний разных типов по видовому составу: SF — еловые леса; BF — березовые леса; MB — березовые криволесья; T — тундры; SD — каменистая пустыня; SR — каменистые осыпи; B — болота; R — прибрежные сообщества; M — луга; PF — сосновые леса; AH — антропогенные местообитания.

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