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ON THE FAUNA OF ICHNEUMONINAE (HYMENOPTERA, ICHNEUMONIDAE) OF RUSSIAN FENNOSCANDIA

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In this faunistic survey, findings of 114 Ichneumoninae species (excluding the tribe Phaeogenini) from Republic of Karelia, Murmansk and Arkhangelsk Regions are reported. Among them, five species are recorded from Russia for the first time, 54 species are new for the fauna of the Republic of Karelia, 17 for the Murmansk and seven species for the Arkhangelsk regions. A male of *Stenobarichneumon tegelensis* (Heinrich, 1951) is described for the first time. *Ichneumon sedulus* Gravenhorst, 1820 is a synonym of *Barichneumon sexalbatus* (Gravenhorst, 1820) **syn. nov.**, and the species status of *Barichneumon vicarius* (Wesmael, 1845) = *B. sedulus* auct. nec Gravenhorst is resurrected (**stat. rev.**).

Keywords: ichneumon wasps; species list; Russian Fennoscandia; Karelia, fauna, new findings, synonymy.

М. Ридель, А. Э. Хумала. К ФАУНЕ ПОДСЕМЕЙСТВА ICHNEUMONINAE (HYMENOPTERA, ICHNEUMONIDAE) РОССИЙСКОЙ ФЕННОСКАНДИИ

Приведены находки 114 видов наездников-ихневмонид подсемейства Ichneumoninae (кроме трибы Phaeogenini) из Республики Карелия, Мурманской и Архангельской областей. Из них пять видов отмечены впервые на территории России, 54 являются новыми для фауны Карелии, 17 – для Мурманской и 7 – для Архангельской области. Впервые дано описание самца *Stenobarichneumon tegelensis* (Heinrich, 1951). Установлено, что *Ichneumon sedulus* Gravenhorst, 1820 является синонимом *Barichneumon sexalbatus* (Gravenhorst, 1820), **syn. nov.**, а для *Barichneumon vicarius* (Wesmael, 1845) = *B. sedulus* auct. nec Gravenhorst восстановлен видовой статус (**stat. rev**.).

Ключевые слова: наездники-ихневмониды; список видов; российская Фенноскандия; Карелия, фауна, новые находки, синонимия.

Introduction

Ichneumonidae is one of the largest families of hymenopterous insects and the largest family in the Fennoscandian entomofauna, e. g. the number of recorded species in Finland is more than 2500 [Koponen et al., 2009]. The subfamily Ichneumoninae represents a significant group within the family Ichneumonidae, whose members usually parasitize lepidopteran larvae and pupae. Although this group

includes many large and colorful species, our knowledge of the taxonomy and distribution of Palaearctic Ichneumoninae is still incomplete, even in well studied areas such as Europe. Accounted in a recent catalogue, about 1300 species of the subfamily Ichneumoninae have so far been recorded from the Western Palaearctic region [Yu et al., 2016].

The Russian part of Fennoscandia, encompassing the Murmansk Region, Republic of Karelia and Northern parts of the Leningrad Region (Karelian Isthmus, right bank of the Svir' River), is still studied insufficiently, as all previous researches were fragmentary, based on scarce collections. The ichneumonine fauna of the Russian Fennoscandia has been addressed in few studies. Some records can be found in numerous faunistic articles by Wolter Hellén [1936, 1939, 1946; etc.] and some other authors [Krogerus, 1938, 1960; Kerrich, 1939; Ranin, 1979, 1981; etc.]. These data are available in the papers based on collections from the territories belonging to Finland before World War II, and also resulted from the treatment of the materials collected during the war from temporarily occupied territories of Russian Karelia.

Rasnitsyn and Siytan [1981] provided an overview of the subfamily Ichneumoninae from the European part of the USSR, with useful identification keys and distribution records.

Our previous publication devoted to Ichneumoninae from the European part of Russia referred to 76 species reported from the Russian Fennoscandia (73 species from Karelia and six from the Murmansk Region) [Riedel & Humala, 2009], where 43 species from Karelia and six species from the Murmansk Region were registered for the first time.

In this paper, we report new findings of 114 species of Ichneumoninae (excluding the tribe Phaeogenini). Among them, five species are recorded from Russia for the first time, 54 species are new for Karelia, 17 for the Murmansk and seven species for the Arkhangelsk regions.

Thus, nowadays 262 species from the subfamily Ichneumoninae are known to occur in the Russian Fennoscandia (Humala, pers. obs.). It is roughly a half of the number of species known from Finland (which occupies a comparable territory with similar natural conditions and with ichneumonid fauna considered to be rather well studied), where 451 species of ichneumonines were reported [Koponen et al., 2009]. Thus, the level of our knowledge in this field still remains insufficient, despite of certain progress achieved lately.

Material and methods

The material for the present study was mostly collected by sweep netting and by Malaise and yellow pan traps, predominantly by the second author in the Russian Fennoscandia: in Karelia, Murmansk Region and some adjacent territories of the Arkhangelsk Region. Notes of abbreviated biogeographical provinces of East Fennoscandia are given according to Heikinheimo and Raatikainen [1971] with additions by Kravchenko and Kuznetsov [2001]. Members of the tribe Phaeogenini are not treated here. The studied materials are shared and stored in both authors' collections. The Latin names are given in alphabetic order according to the recent version of the World Ichneumonoidea Catalogue [Yu et al., 2016]. We provide general species distribution data with more details on Russian Fennoscandia according to this catalogue as well as to the Key to the insects of the European part of the USSR [Rasnitsyn & Siytan, 1981]. The following abbreviations are used in the text: AH = A. Humala, AP = A. Polevoi, MT = Malaise trap, YPT = yellow pan trap.

Results

Tribe PLATYLABINI

***Cyclolabus alpinus* (Habermehl, 1917)**
Material: **Murmansk Reg.** *Lps*: Pasvik Nature Reserve, Menikkayoki R., 69.3737°N, 29.8824°E, birch forest, MT, 5.VI – 6.VII.2007, 1 ♀, leg. AH; Varlam Is., 69.1376°N, 29.2616°E, MT, pine forest, 3.VIII – 10.X.2007, 1 ♀, leg. AH; *Lim*: Lapland Nature Reserve, 4 km SE of Chunozero, 67.642°N, 32.681°E, pine forest, MT, 23.VI – 28.VII.2014, 1 ♀, leg. AH.
Distribution: Western Palaearctic region, **new for Russia.**

***Dentilabus variegatus* (Wesmael, 1845)**
Material: **Karelia.** *Kk*: Gridino environs, 65.916°N, 34.667°E, 4.VII.2007, 1 ♀, leg. AH.
Distribution: Western Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981], new for Karelia.

***Hypomecus quadriannulatus* (Gravenhorst, 1829)**
Material: **Karelia.** *Kol*: Mayachino environs, 60.777°N, 32.818°E, YPT, 23–28.VI.2012, 1 ♀, leg. AH; *Kon*: Bolshoy Klimenetskiy Is., Voinavolok Headland, 61.97°N, 35.34°E, meadow, 29.VI.2017, 1 ♀, leg. AH; Yuzhny Oleniy Is., 62.05°N, 35.36°E, meadow, 5.VII.2017, 2 ♀♀, leg. AH; Sukhoi Is., 62.00°N, 35.37°E, meadow, 6.VII.2017, 1 ♀, leg. AH; 1.5 km N of Vendyury, 62.24°N, 33.29°E, mixed forest, 29.VIII.2017, 1 ♂, 30.VIII.2017, 1 ♀ and 1 ♂, leg. AH ; *Kton*: Kladovets cape, 61.667°N, 36.046°E, windfall, YPT, 30.VI–3.VII.2018, 5 ♀♀ and 1 ♂, leg. AH.
Distribution: Palaearctic region, known from Karelia [Riedel & Humala, 2009].

***Linycus exhortator* (Fabricius, 1787)**
Material: **Karelia.** *Kon*: 2 km SE of Tereki, 62.21°N, 33.86°E, mixed forest, 21.VII.2017, 3 ♂♂, leg. AH.
Distribution: Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981], new for Karelia.

***Platylabus borealis* Holmgren, 1871**
Material: **Karelia.** *Kpoc*: Kuzova Archipelago, Lodeynyi Is., 64.916°N, 35.154°E, sea shore, 21.VII.2001, 1 ♀, leg. AH.
Distribution: Western Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981] including Karelia [Meyer, 1933; Riedel & Humala, 2009].

***Platylabus curtorius* (Thunberg, 1824)**
Material: **Karelia.** *Kpor*: Myagostrov Is., 64.32°N, 35.93°E, sea shore, 14.VIII.2002, 1 ♀ and 1 ♂, leg. AH; Perkhludy, Severnyi Is., 64.330°N, 36.440°E, sea shore, 16.VIII.2002, 1 ♀, leg. AH.
Distribution: Western Palaearctic region, known from Karelia [Riedel & Humala, 2009].

***Platylabus daemon* Wesmael, 1845**
Material: **Karelia.** *Kl*: Meyeri, 61.621°N, 30.590°E, mixed forest, YPT, 4–6.VII.2010, 1 ♀, leg. AH; *Kp*: 3 km SSW of Prirechnyi, 61.772°N, 37.583°E, mixed forest, MT, 24.VI – 13.VIII.2009, 1 ♀, leg. AH.
Distribution: Western Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981], new for Karelia.

***Platylabus gigas* Kriechbaumer, 1886**
Material: **Karelia.** *Kpoc*: Murdojoki R., 64.2019°N, 30.8661°E, spruce forest, MT, 25.VI – 8.VII.2009, 1 ♀, leg. AP.
Distribution: Western Palaearctic region, known from Karelia [Riedel & Humala, 2009].

***Platylabus heteromallus* (Berthouemieu, 1910)**
= *pedatorius* **auct. nec Fabricius**
Material: **Karelia.** *Kon*: Vikshezero, 62.567°N, 34.356°E, mixed forest, MT, 27–29.VI.2007, 1 ♂, leg. AH.
Distribution: Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981], new for Karelia.

***Platylabus intermedius* Holmgren, 1871**
Material: **Karelia.** *Kon*: Belaya Gora, 62.583°N, 33.948°E, pine forest, 16.VII.2002, 1 ♂, leg. AH; Eglov Is., meadow, 62.128°N, 35.170°E, 26.VI.2014, 1 ♂, leg. AH; *Kp*: 3 km SSW of Prirechnyi, 61.772°N, 37.583°E, mixed forest, MT, 24.VI – 13.VIII.2009, 2 ♂♂, leg. AH.
Distribution: Western Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981] including Karelia [Riedel & Humala, 2009].

***Platylabus iridipennis* (Gravenhorst, 1829)**
Material: **Karelia.** *Kpor*: Perkhludy, Severnyi Is., 64.330°N, 36.440°E, sea shore, 16.VIII.2002, 1 ♂, leg. AH.
Distribution: Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981], new for Karelia.

***Platylabus opaculus* Thomson, 1888**
Material: **Karelia.** *Kon*: Turastamozero environs, 62.5603°N, 34.7163°E, MT, 21.VII – 22.VIII.2012, 1 ♂, leg. AH.
Distribution: Holarctic region, known from Russia [Rasnitsyn & Siytan, 1981], new for Karelia.

***Platylabus perexiguus* Heinrich, 1973**
Material: **Murmansk Reg.** *Lps*: Pasvik Nature Reserve, Kalkupya Mt., 69.2870°N, 29.3554°E, MT, 30.VII – 11.X.2007, 1 ♀, leg. AH.
Distribution: Western Palaearctic region, **new for Russia**.

***Platylabus pumilio* Holmgren, 1871**
Material: **Karelia.** *Kon*: Belaya Gora, 62.583°N, 33.948°E, pine forest, 16.VII.2002, 3 ♀♀, leg. AH; *Kpoc*: Russkiy Kuzov Is., 64.92°N, 35.14°E, sea shore, 22.VII.2001, 1 ♀, leg. AH.
Distribution: Western Palaearctic region, known from Russia [Meyer, 1933], new for Karelia.

***Platylabus stalii* Holmgren, 1871**
Material: **Karelia.** *Kp*: 3 km SSW of Prirechnyi, 61.772°N, 37.583°E, mixed forest, MT, 24.VI – 13.VIII.2009, 1 ♀, leg. AH.
Distribution: Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981], new for Karelia.

Tribe HERESIARCHINI

***Amblyjoppa proteus* (Christ, 1791)**
Material: **Karelia.** *Kton*: Kladovets cape, 61.667°N, 36.046°E, windfall, YPT, 30.VI–3.VII.2018, 1 ♂, leg. AH.
Distribution: Palaearctic region, known from Karelia [Woldstedt, 1874; Riedel & Humala, 2009].

***Coelichneumon biannulatus* (Gravenhorst, 1820)**
Material: **Karelia.** *Kol*: Mayachino environs, 60.78°N, 32.82°E, 24.VI.2012, 1 ♀, leg. AH; *Kon*: Vanchozero, 62.525°N, 34.829°E, 23.VII.2012, 1 ♀, leg. AH; Lake Nizhniy Myarat, 63.1133°N, 33.0577°E, 7.VII.2006, 1 ♀, leg. AP; **Murmansk Reg.** *Lim*: Lapland Nature Reserve, 3 km W of Chunozero, 67.651°N, 32.598°E, spruce forest, 18.IX.2017, 1 ♀, leg. AH; **Arkhangelsk Reg.** *Kton*: Vodlozersky National Park, Vyzhiga R., 62.774°N, 37.159°E, forest fire site, MT, 8.VII – 2.VIII.2014, 2 ♂♂, leg. AH.

Distribution: Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981] including Karelia [Krogerus, 1938; Riedel & Humala, 2009], new for the Murmansk and Arkhangelsk regions.

Coelichneumon dubius* (Tischbein, 1876)** = *periscelis* ***Wesmael, 1845
Material: **Karelia.** *Kon*: Turastamozero environs, 62.5603°N, 34.7163°E, pine forest, MT, 21.VII – 22.VIII.2012, 1 ♀, leg. AH.
Distribution: Palaearctic region, known from Russia [Meyer, 1933; Ranin, 1979; Rasnitsyn & Siytan, 1981], new for Karelia.

***Coelichneumon eburnifrons* (Wesmael, 1857)**
Material: **Karelia.** *Kol*: Mayachino, 60.775°N, 32.820°E, MT, spruce forest, 23–28.VI.2012, 1 ♂, leg. AH; *Kpoc*: Murdojoki R., 64.2019°N, 30.8661°E, spruce forest, MT, 25.VI – 8.VII.2009, 1 ♂, leg. AP; **Arkhangelsk Reg.** *Kton*: Vodlozersky National Park, Vyzhiga R., 62.774°N, 37.159°E, forest fire site, MT, 8.VII – 2.VIII.2014, 1 ♂, leg. AH.
Distribution: Holarctic region, known from Russia [Rasnitsyn & Siytan, 1981] including Karelia [Riedel & Humala, 2009], new for the Arkhangelsk Region.

***Coelichneumon haemorrhoidalis* (Gravenhorst, 1829)**
Material: **Karelia.** *Kol*: 6 km N of Mayachino, 60.802°N, 32.814°E, 9.VII.2013, 1 ♀, leg. AH; *Kon*: 2 km S of Polya, 62.2906°N, 35.3091°E, MT, 26.VI – 25.VIII.2013, 1 ♀, leg. AH; *Kpoc*: Russkiy Kuzov Is., 64.92°N, 35.14°E, sea shore, 19.VII.2001, 1 ♂, leg. AH.
Distribution: Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981] including Karelia [Riedel & Humala, 2009].

***Coelichneumon leucocerus* (Gravenhorst, 1829)**
Material: **Karelia.** *Kol*: Novikovo, Lake Dolgoe, 61.0957°N, 33.7500°E, mixed forest, MT, 1–3.VII.2008, 1 ♂, leg. AH; *Kon*: Turastamozero environs, 62.5603°N, 34.7163°E, pine forest, MT, 21.VII – 22.VIII.2012, 1 ♀, leg. AH; *Kb*: 5 km N of Tolvojarvi, 62.3174°N, 31.4350°E, plot 5, 1–8.VII.1999, 1 ♂, plot 8, 8–15.VII.1999, 1 ♀, leg. AH; *Kk*: Syrovatka, 65.5282°N, 34.7297°E, spruce forest, MT, 20–22.VII.2003, 1 ♂, leg. AP; **Murmansk Reg.** *Lim*: Lapland Nature Reserve, 4 km SE of Chunozero, 67.642°N, 32.681°E, pine forest, MT, 23.VI – 28.VII.2014, 1 ♂, leg. AH; Lake El'yavr, 67.659°N, 32.642°E, spruce forest, MT, 23.VI – 28.VII.2014, 1 ♀, leg. AH.
Distribution: Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981] including Karelia [Ranin, 1979; Riedel & Humala, 2009], new for the Murmansk Region.

***Coelichneumon nobilis* (Wesmael, 1857)**
Material: **Karelia.** *Kpoc*: Lake Bolshoe Palosjarvi, 63.67°N, 32.63°E, MT, pine forest, 20–24.VI.2000, 1 ♂, leg. AH; Murdojoki R., 64.2019°N, 30.8661°E, spruce forest, MT, 25.VI – 8.VII.2009, 1 ♂, leg. AP; **Murmansk Reg.** *Lim*: Lapland Nature Reserve, 4 km SE of Chunozero, 67.642°N, 32.681°E, pine forest, MT, 23.VI – 28.VII.2014, 2 ♂♂, leg. AH.
Distribution: Palaearctic region, known from Russia [Meyer, 1921; Rasnitsyn & Siytan, 1981] including Karelia [Krogerus, 1938; Riedel & Humala, 2009], new for the Murmansk Region.

***Coelichneumon sinister* (Wesmael, 1848)**
Material: **Karelia.** *Kpoc*: Lake Bolshoe Palosjarvi L., 63.67°N, 32.63°E, MT, pine forest, 20–24.VI.2000, 1 ♂, leg. AH.
Distribution: Palaearctic region, known from Russia [Meyer, 1927, 1933; Rasnitsyn & Siytan, 1981], new for Karelia.

Syspasis puerulus* (Kriechbaumer, 1890)** = *eburnifrons* ***auct. nec Wesmael
Material: **Karelia.** *Kon*: Turastamozero environs, 62.5603°N, 34.7163°E, pine forest, MT, 21.VII – 22.VIII.2012, 1 ♂, leg. AH.
Distribution: Western Palaearctic region, reported from Russia with uncertainty [Rasnitsyn & Siytan, 1981], new for Karelia.

***Syspasis scutellator* (Gravenhorst, 1829)**
Material: **Karelia.** *Kl*: 1 km S of Meyeri, 61.608°N, 30.587°E, 16.VI.2015, 1 ♀, leg. AH; *Kol*: Mayachino environs, 60.78°N, 32.82°E, trap, 23–28.VI.2012, 1 ♀, leg. AH; *Kon*: Vikshezero, 62.569°N, 34.356°E, mixed forest, 27.VI.2007, 2 ♀♀, leg. AH; Myagrozero, meadow, 62.507°N, 34.788°E, YPT, 20–24.VII.2012, 2 ♀♀, leg. AH; Pod'elniki, 62.108°N, 35.169°E, 22.VII.2011, 1 ♂, leg. AH; 2 km ESE of Malaya Gomsel'ga, 5.VII.2012, 2 ♀♀, leg. AH; Konchezero, 3.5 km S of Chupa, 62.169°N, 34.011°E, a clear-cut, 4.VI.2013, 1 ♀, leg. AH; Eglov Is., meadow, 62.128°N, 35.170°E, 26.VI.2014, 1 ♀, leg. AH.
Distribution: Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981] including Karelia [Riedel & Humala, 2009].

***Syspasis tauma* (Heinrich, 1951)**
Material: **Murmansk Reg.** *Lim*: Lapland Nature Reserve, 3 km W of Chunozero, 67.6513°N, 32.5985°E, spruce forest, MT, 28.V – 20.IX.2014, 3♀♀, leg. AH.
Distribution: Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981] including Karelia [Riedel & Humala, 2009], new for the Murmansk Region.

JOPPOCRYPTINI

***Pseudoplatylabus violentus* (Gravenhorst, 1829)**
Material: **Karelia.** *Kon*: Bolshoy Klimenetskiy Is., 2 km SE of Kurgenitsy, 62.084°N, 35.319°E, 19.VII.2000, 1 ♂, leg. AH.
Distribution: Holarctic region, known from Russia [Rasnitsyn & Siytan, 1981; Tereshkin, 2015], new for Karelia.

LISTRODROMINI

***Anisobas platystylus* Thomson, 1888**
Material: **Karelia.** *Kol*: Petrozavodsk – Lososinnoe, 61.720°N, 34.222°E, plot 7, YPT, 9–12.VII.2012, 1 ♀, leg. AH.
Distribution: Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981], new for Karelia.

ICHNEUMONINI

***Achaius margineguttatus* (Gravenhorst, 1829)**
Material: **Karelia.** *Kon*: 2 km SE of Tereki, 62.21°N, 33.86°E, mixed forest, 16.VIII.2017, 1 ♀, leg. AH; *Kpoc*: 2 km E of Kostomuksha, 64.592°N, 30.67°E, 11.VI.2017, 1 ♀, leg. AH.
Distribution: Palaearctic region, known from Russia [Meyer, 1933; Ranin, 1979; Rasnitsyn & Siytan, 1981; Riedel & Humala, 2009], new for Karelia.

***Achaius oratorius* (Fabricius, 1793)**
Material: **Karelia.** *Kon*: Turastamozero environs, 62.5603°N, 34.7163°E, pine forest, 21.VII – 22.VIII.2012, 1 ♂, leg. AH.
Distribution: Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981; Riedel & Humala, 2009], new for Karelia.

***Acolobus albimanus* (Gravenhorst, 1829)**
Material: **Karelia.** *Kon*: Megostrov Is., 62.558°N, 35.425°E, meadow, 3.VII.2004, 1 ♂, leg. AH.
Distribution: Western Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981], new for Karelia.

***Anisopygus pseudonymus* (Wesmael 1845)**
Material: **Karelia.** *Kon*: Rogachev Is., 62.12°N, 35.18°E, meadow, 28.VI.2014, 1 ♀, leg. AH; *Kton*: Pil'masozero, 62.452°N, 36.678°E, meadow, 26.VII.2003, 1 ♂, leg. AH; *Kp*: Lake Chumbozero, 61.8415°N, 37.7489°E, mixed forest, MT, 20–25.VI.2009, 1 ♀, leg. AH; 3 km SSW of Prirechnyi, 61.772°N, 37.583°E, mixed forest, MT, 24.VI – 13.VIII.2009, 1 ♂, leg. AH.
Distribution: Holarctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981] including Karelia [Ranin, 1979; Riedel & Humala, 2009].

***Aoplus altercator* (Wesmael, 1855)**
Material: **Murmansk Reg.** *Lim*: Lapland Nature Reserve, Vtoroi Stream, 67.65381°N, 32.63703°E, 23.VII.2013, 1 ♀, leg. AH; Lake El'yavr, 67.659°N 32.642°E, MT, 23.VI – 28.VII.2014, 1 ♀, leg. AH; *Lps*: Pasvik Nature Reserve, Menikkajoki R., 69.3737°N, 29.8824°E, birch forest, MT, 14.VIII – 25.IX.2007, 3 ♀♀, leg. AH.
Distribution: Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981], including Karelia [Riedel & Humala, 2009], new for the Murmansk Region.

***Aoplus biannulatorius* (Thunberg, 1824)**
= *pulchricornis* ***Gravenhorst, 1829***
Material: **Karelia**. *Kb*: 5 km N of Tolvojarvi, 62.317°N, 31.435°E, MT 2, 11–22.VI.1999, 1 ♀, leg. AH; **Murmansk Reg.** *Lps*: Pasvik Nature Reserve, Kalkupya Mt., 69.2870°N, 29.3554°E, MT, 30.VII – 11.X.2007, 1 ♀, leg. AH; Menikkajoki R., 69.3737°N, 29.8824°E, birch forest, MT, 5.VI – 6.VII.2007, 1 ♀, 14.VIII – 25.IX.2007, 1 ♀, leg. AH; Varlam Is., 69.1376°N, 29.2616°E, pine forest, MT, 6.VI – 10.VII.2007, 1 ♀, 10.VII – 3.VIII.2007, 1 ♀, leg. AH; *Lim*: Lapland Nature Reserve, vicinity of Krasnaya Lambina, 68.056°N, 32.589°E, mixed forest, MT-2, 20.VII – 20.VIII.2017, 1 ♀, leg. AH; vicinity of Pusozero, 68.232°N, 31.143°E, pine forest, MT, 20.VI – 18.VII.2017, 1 ♀, leg. AH.
Distribution: Western Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981], new for the Murmansk Region.

***Aoplus castaneus* (Gravenhorst, 1820)**
Material: **Karelia.** *Kon*: Lake Shuyal, 63.2214°N, 32.8877°E, 7–9.VII.2006, 1 ♀, leg. AP; *Kpoc*: Murdojoki R., 64.2019°N, 30.8661°E, spruce forest, MT, 25.VI – 8.VII.2009, 1 ♀, leg. AP; **Murmansk Reg.** *Lim*: Lapland Nature Reserve, 3 km W of Chunozero, 67.6513°N, 32.5985°E, spruce forest, MT, 28.V – 20.IX.2014, 1 ♀, leg. AH; vicinity of Krasnaya Lambina, 68.056°N, 32.589°E, mixed forest, MT-2, 22.VI – 20.VII.2017, 2 ♀; 20.VII – 20.VIII.2017, 1 ♀, leg. AH; vicinity of Pusozero, 68.232°N, 31.143°E, pine forest, MT, 20.VI – 18.VII.2017, 1 ♀, leg. AH; *Lps*: Pasvik Nature Reserve, Menikkajoki R., 69.3737°N, 29.8824°E, birch forest, MT, 6.VII – 14.VIII.2007, 1 ♀, leg. AH.
Distribution: Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981] including Karelia and Murmansk Region [Krogerus, 1938; Kerrich, 1939; Riedel & Humala, 2009].

***Aoplus ochropis* (Gmelin, 1790)**
Material: **Karelia.** *Kton*: 7 km S of Bostilovo, 62.151°N, 36.781°E, mixed forest, plot 3,

8.VIII.2003, 1 ♀, leg. AH; *Kpor*: Kondostrov Is., 64.20°N, 36.63°E, 21.VIII.2002, 1 ♀, leg. AH.
Distribution: Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981], including Karelia [Hellén, 1939; Riedel & Humala, 2009].

***Aoplus ruficeps* (Gravenhorst, 1829)**
Material: **Karelia.** *Kpoc*: Voloma R., Nesterov Mt., 63.72°N, 32.50°E, spruce forest, 23.VI.2000, 1 ♂, leg. AH; Lake Murdojarvi, 64.2179°N, 30.8597°E, stone river shore, 6.VII.2009, 1 ♂, leg. AP; *Kpor*: Myagostrov Is., 64.32°N, 35.93°E, sea shore, 14.VIII.2002, 5 ♂♂, leg. AH; Perkhludy, Yuzhnyi Is., 64.32°N, 36.48°E, sea shore, 16.VIII.2002, 1 ♂, leg. AH; **Murmansk Reg.** *Lim*: Lapland Nature Reserve, 3 km W of Chunozero, 67.6513°N, 32.5985°E, spruce forest, MT, 28.V – 20.IX.2014, 1 ♂, leg. AH.
Distribution: Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981], including Karelia [Riedel & Humala, 2009], new for the Murmansk Region.

***Aoplus theresae* (Berthoumieu, 1896)**
Material: **Murmansk Reg.** *Lps*: Pasvik Nature Reserve, Varlam Is., 69.1376°N, 29.2616°E, pine forest, MT, 6.VI – 10.VII.2007, 1 ♀; Menikkajoki R., 69.3737°N, 29.8824°E, birch forest, MT, 5.VI – 6.VII.2007, 1 ♀, leg. AH.
Distribution: Western Palaearctic region, known from Russia [Meyer, 1933], new for the Murmansk Region.

***Aoplus torpidus* (Wesmael, 1857)**
Material: **Karelia.** *Kol*: Mayachino environs, 60.78°N, 32.82°E, MT, 23–28.VI.2012, 1 ♀, leg. AH; *Kon*: Turastamozero environs, 62.5603°N, 34.7163°E, pine forest, 21.VII – 22.VIII.2012, 1 ♂, leg. AH.
Distribution: Holarctic region, known from Russia [Rasnitsyn & Siytan, 1981], new for Karelia.

***Baranisobas ridibundus* (Gravenhorst, 1829)**
Material: **Karelia.** *Kon*: Pod'elniki, 62.1083°N, 35.1694°E, mixed forest, MT, 18–22.VII.2011, 1 ♂, leg. AH.
Distribution: Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981; Riedel & Humala, 2009] including Karelia [Kerrich, 1939].

***Barichneumon gemellus* (Gravenhorst, 1829)**
Material: **Karelia.** *Kpor*: Bolshoy Zhuzhmuy Is., 64.66°N, 35.58°E, 23.VII.2001, 1 ♂, leg. AH.
Distribution: Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981; Tereshkin, 2004], new for Karelia.

***Barichneumon plagiarius* (Wesmael, 1848)**
Material: **Karelia.** *Kb*: 5 km N of Tolvojarvi, 62.3174°N, 31.4350°E, MT 7, 8–15.VII.1999, 1 ♂, leg. AH.
Distribution: Western Palaearctic region, **new for Russia.**

***Barichneumon vicarius* (Wesmael, 1845)**
= *sedulus* auct. nec Gravenhorst
Taxonomical remark: Previously, the name "*sedulus*" was used for this species (e. g. by Rasnitsyn & Siytan, 1981). The first of the co-authors (Riedel) has studied the holotype of *Ichneumon sedulus* Gravenhorst, 1820, and found that it is a synonym of the European species *Barichneumon sexalbatus* (Gravenhorst, 1820) (**syn. nov.**). Thus, *Barichneumon vicarius* (Wesmael) is considered here as a distinct species (**stat. rev.**).
Material: **Karelia.** *Kon*: Pod'elniki, 62.1083°N, 35.1694°E, MT, 18–22.VII.2011, 1 ♂, leg. AH.
Distribution: Western Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981; Tereshkin, 2004], new for Karelia.

***Cratichneumon armillatops* Rasnitsyn, 1981**
Material: **Karelia.** *Kon*: Eglov Is., 62.128°N, 35.170°E, YPT, 27–29.VI.2014, 2 ♂♂, leg. AH; Rogachev Is., 62.12°N, 35.18°E, 28.VI.2014, 1 ♂, leg. AH; Bolshoi Klimenetskyi Is., Voinavolok Headland, 61.97°N, 35.34°E, meadow, 29.VI.2017, 1 ♂, leg. AH; *Kp*: Schanikovskaya environs, Koloda R., 61.91°N, 37.76°E, 22.VI.2009, 1 ♂, leg. AH; *Kpor*: 19 km NW of Valdai, Lake Chyornoe, 63.58°N, 35.31°E, 29.VI.2010, 1 ♂, leg. AH; **Arkhangelsk Reg.** *Kton*: Vodlozersky National Park, Vyzhiga R., 62.773°N, 37.158°E, forest fire site, 1.VIII.2014, 1 ♂, leg. AH.
Distribution: Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981; Tereshkin, 2003a], including Karelia [Hellén, 1946], new for the Arkhangelsk Region.

***Cratichneumon culex* (Müller, 1776)**
Material: **Karelia.** *Kl*: Kilpola Is., 61.20°N, 29.98°E, mire, 16.VI.2011, 2 ♂♂, leg. AH; *Kol*: Mayachino environs, 60.78°N, 32.82°E, 24.VI.2012, 1 ♀, leg. AH; *Kk*: Syrovatka, 65.5282°N, 34.7297°E, spruce forest, MT, 20–22.VII.2003, 1 ♂, leg. AP.
Distribution: Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981] including Karelia [Krogerus, 1938].

***Cratichneumon flavifrons* (Schrank, 1781)**
= *fabricator* auct. nec Fabricius
Material: **Karelia.** *Kl*: Kilpola Is., 61.20°N, 29.98°E, mire, 16.VI.2011, 1 ♂, leg. AH; *Kon*: Bolshoy Kli-

menetskiy Is., Voinavolok Headland, 61.97°N, 35.34°E, meadow, 29.VI.2017, 2 ♂♂, leg. AH.
Distribution: Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981], new for Karelia.

***Cratichneumon jocularis* (Wesmael, 1848)**
Material: **Karelia.** *Kol*: Obzhanka R., 60.82°N, 32.82°E, 23.VI.2012, 1 ♀, leg. AH; *Kon*: Ernitskiy Is., 61.9936°N, 35.1658°E, MT, 23–27.VI.2003, 1 ♂, leg. AH; *Kb*: 5 km N of Tolvojarvi, 62.3174°N, 31.4350°E, MT 1, 7–13.IX.1999, 1 ♂, leg. AH; *Kpor*: 19 km NW of Valdai, Lake Chyornoe, 63.58°N, 35.31°E, 29.VI.2010, 1 ♂, leg. AH.
Distribution: Palaearctic region, known from Russia [Ranin, 1981; Rasnitsyn & Siytan, 1981; Tereshkin, 2003a], new for Karelia.

***Cratichneumon pallitarsis* (Thomson, 1887)**
Material: **Murmansk Reg.** *Lps*: Pasvik Nature Reserve, Kalkupya Mt., 69.2870°N, 29.3554°E, MT, 30.VII – 11.X.2007, 2 ♀♀, leg. AH; *Lim*: Lapland Nature Reserve, 3 km W of Chunozero, 67.6513°N, 32.5985°E, spruce forest, MT, 28.V – 20.IX.2014, 1 ♂, leg. AH; 4 km SE of Chunozero, 67.642°N, 32.681°E, pine forest, MT, 23.VI – 28.VII.2014, 1 ♀, leg. AH; Lake El'yavr, 67.659°N, 32.642°E, spruce forest, MT, 23.VI – 28.VII.2014, 1 ♀, leg. AH.
Distribution: Western Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981], including Karelia [Krogerus, 1938], new for the Murmansk Region.

***Cratichneumon rufifrons* (Gravenhorst, 1829)**
Material: **Karelia.** *Kon*: Eglov Is., 62.129°N, 35.171°E, meadow, MT, 27–29.VI.2014, 1 ♀, leg. AH; **Murmansk Reg.** *Lps*: Pasvik Nature Reserve, Kalkupya Mt., 69.2870°N, 29.3554°E, MT, 4–30.VII.2007, 1 ♀, leg. AH; Menikkajoki R., 69.3737°N, 29.8824°E, birch forest, MT, 14.VIII – 25.IX.2007, 1 ♀, leg. AH; *Lim*: Lapland Nature Reserve, 4 km SE of Chunozero, 67.642°N, 32.681°E, pine forest, MT, 23.VI – 28.VII.2014, 1 ♂, leg. AH; Lapland Nature Reserve, 3 km W of Chunozero, 67.6513°N, 32.5985°E, spruce forest, MT, 28.V – 20.IX.2014, 2 ♀♀, leg. AH.
Distribution: Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981; Tereshkin, 2003a], new for Karelia and Murmansk Region.

Cratichneumon sexarmillatus* (Kriechbaumer, 1891)** = *albiscuta* ***Thomson, 1893
Material: **Karelia.** *Kon*: 2 km SE of Tereki, 62.21°N, 33.86°E, mixed forest, 21.VII.2017, 1 ♂, leg. AH.
Distribution: Palaearctic region, known from Russia [Tereshkin, 2003], new for Karelia.

***Cratichneumon sicarius* (Gravenhorst, 1829)**
Material: **Karelia.** *Kol*: Mayachino environs, 60.777°N, 32.826°E, MT, spruce forest, 23–28.VI.2012, 1 ♂; 60.775°N, 32.820°E, black alder bog, MT, 4–9.VII.2013, 1 ♂, leg. AH; *Kton*: Pil'masozero, 62.452°N, 36.678°E, meadow, 26.VII.2003, 1 ♂, leg. AH; *Kp*: 3 km SSW of Prirechnyi, 61.772°N, 37.583°E, mixed forest, MT, 24.VI – 13.VIII.2009, 1 ♂, leg. AH.
Distribution: Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981], including Karelia [Kerrich, 1939; Riedel & Humala, 2009].

***Cratichneumon versator* (Thunberg, 1824)**
Material: **Karelia.** *Kol*: Mayachino environs, 60.78°N, 32.82°E, 23.VI.2012, 1 ♂, leg. AH; *Kon*: Kivach Nature Reserve, 62.2646°N, 33.9798°E, aspen forest, MT, 21–27.VI.1990, 1 ♂, leg. AH.
Distribution: Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981; Tereshkin, 2003a], including Karelia [Ranin, 1979].

***Cratichneumon viator* (Scopoli, 1763)**
Material: **Karelia.** *Kl*: Valaam Is., 61.2504°N, 30.9914°E, pine forest, MT, 30.VII – 2.VIII.2009, 6 ♂♂, leg. AP; *Kol*: Mayachino environs, 60.79°N, 32.83°E, 22.VI.2012, 1 ♂, 25.VI.2012, 1 ♂, leg. AH; *Kon*: Eglov Is., 62.129°N, 35.171°E, meadow, MT, 27–29.VI.2014, 2♂♂, leg. AH; Belaya Gora, 62.583°N 33.948°E, pine forest, 16.VII.2002, 1 ♂, leg. AH; Bolshoy Klimenetskiy Is., 1 km S of Vorob'i, 62.0459°N, 35.2489°E, meadow, 19.VII.2008, 1 ♂, leg. AH; Myagrozero, 62.53°N, 34.76°E, 20.VII.2012, 1 ♂, leg. AH; Myagrozero environs, 62.49°N, 34.82°E, 22.VII.2012, 2 ♂♂, leg. AH; Turastamozero environs, 62.5649°N, 34.6998°E, MT, 24.VII – 22.VIII.2012, 1 ♂, leg. AH; 1 km E of Malaya Gomsel'ga, 62.066°N, 33.98°E, clear-cut site, 6.VI.2013, 1 ♂, leg. AH; *Kp*: Lake Chumbozero, 61.842°N, 37.754°E, pine forest, YPT, 20.VI.2009, 1 ♂, leg. AH; *Kpor*: Myagostrov Is., 64.32°N, 35.93°E, sea shore, 14.VIII.2002, 2 ♂♂, leg. AH; Lake Ladozero, Lake Ostrech'e, 63.577°N, 35,839°E, 28.VI.2010, 2 ♂♂, leg. AH.
Distribution: Holarctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981], including Karelia [Woldstedt, 1874; Kerrich, 1939; Riedel & Humala, 2009].

***Crypteffigies albilarvatus* (Gravenhorst, 1829)**
Material: **Karelia.** *Kl*: Kilpola Is., 61.20°N, 29.98°E, mire, 16.VI.2011, 1 ♂, leg. AH.
Distribution: Western Palaearctic region, known from Russia [Woldstedt, 1881; Meyer, 1933; Rasnitsyn & Siytan, 1981], new for Karelia.

***Ctenichneumon divisorius* (Gravenhorst, 1820)**
Material: **Karelia.** *Kon*: Bolshoy Klimenetskiy Is., 1 km S of Vorob'i, 62.0459°N, 35.2489°E, 22.VIII.2008, 1 ♂, leg. AH.

Distribution: Palaearctic region, known from Russia and Karelia [Woldstedt, 1874, 1881; Meyer, 1921, 1933; Rasnitsyn & Siytan, 1981].

***Ctenichneumon edictorius* (Linnaeus, 1758)**
Material: **Karelia.** *Kol*: Mayachino environs, 60.78°N, 32.82°E, YPT, 23–28.VI.2012, 1 ♀, leg. AH; Petrozavodsk – Lososinnoe, 61.670°N, 34.216°E, clear-cut site, 1.IX.2011, 1 ♂, leg. AP.
Distribution: Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981], including Karelia [Kerrich, 1939; Riedel & Humala, 2009].

***Ctenichneumon inspector* (Wesmael, 1845)**
Material: **Karelia.** *Kon*: Bolshoy Klimenetskiy Is., 1 km S of Vorob'i, 62.0459°N, 35.2489°E, 20.VIII.2008, 1 ♂, leg. AH.
Distribution: Palaearctic region, known from Russia [Woldstedt, 1881; Meyer, 1933; Rasnitsyn & Siytan, 1981], new for Karelia.

***Ctenichneumon messorius* (Gravenhorst, 1820)**
Material: **Karelia.** *Kon*: Kivach Nature Reserve, 62.2815°N, 33.9675°E, spruce forest, MT, 11–15. VI.1989, 4 ♂♂, leg. AH.
Distribution: Palaearctic region, known from Russia [Meyer, 1933], new for Karelia.

***Diphyus gradatorius* (Thunberg, 1824)**
Material: **Karelia.** *Kon*: 1 km S of Konchezero, 62.108°N, 33.994°E, clear-cut site, 24.VIII.2011, 1 ♀, leg. AH.
Distribution: Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981] including Karelia [Ranin, 1979].

***Diphyus luctatorius* (Linnaeus, 1758)**
Material: **Karelia.** *Kpoc*: Lake Bolshoe Palosjarvi, 63.67°N, 32.63°E, pine forest, MT 1, 20–24.VI.2000, 1 ♂, leg. AH.
Distribution: Palaearctic region, known from Russia [Woldstedt, 1878, 1881; Meyer, 1921, 1933; Ranin, 1979; Rasnitsyn & Siytan, 1981] and Karelia [Woldstedt, 1874].

***Diphyus trifasciatus* (Gravenhorst, 1829)**
Material: **Karelia.** *Kton*: 7 km S of Bostilovo, 62.15°N, 36.78°E, mixed forest, plot 1, 10.VIII.2003, 1 ♂, leg. AH.
Distribution: Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981], including Karelia [Riedel & Humala, 2009].

***Eristicus clarigator* (Wesmael, 1845)**
Material: **Karelia.** *Kon*: 2 km SE of Tereki, 62.21°N, 33.86°E, mixed forest, 21.VII.2017, 1 ♀, leg. AH.
Distribution: Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981], new for Karelia.

***Eupalamus lamentator* (Thunberg, 1824)**
Material: **Karelia.** *Kk*: Paanajarvi National Park, Kivakkoski, 66.222°N, 30.5867°E, 10.VIII.2004, 1 ♂, leg. AH.
Distribution: Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981], new for Karelia.

***Eupalamus oscillator* Wesmael, 1845**
Material: **Karelia.** *Kol*: Kaskesruchey environs, 61.214°N, 35.579°E, mixed forest, MT, 19–21.VII.2004, 1 ♂, leg. AH.
Distribution: Western Palaearctic region, known from Russia [Woldstedt, 1878; Meyer, 1927, 1933; Rasnitsyn & Siytan, 1981], including Karelia [Woldstedt, 1874].

***Eupalamus wesmaeli* (Thomson, 1886)**
Material: **Karelia.** *Kon*: Kivach Nature Reserve, MT, 4–5.VII.1989, 1 ♂, leg. AH; *Kpor*: Myagostrov Is., 64.38°N, 35.94°E, sea shore, 14.VIII.2002, 1 ♂, leg. AH.
Distribution: Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981], including Karelia [Riedel & Humala, 2009].

***Hepiopelmus melanogaster* (Gmelin, 1790)**
Material: **Karelia.** *Kl*: Haapalampi, 61.646°N, 30.585°E, dry meadow, 2.VII.2010, 1 ♂, leg. AH; *Kon*: Bolshoy Klimenetskiy Is., 1 km S of Vorob'i, 62.0459°N, 35.2489°E, 21.VIII.2008, 1 ♂, leg. AH.
Distribution: Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981], new for Karelia.

***Homotherus locutor* (Thunberg, 1824)**
Material: **Karelia.** *Kon*: Pod'elniki, 62.110°N, 35.170°E, meadow, YPT, 18–22.VII.2011, 1 ♂, leg. AH; Ernitskiy Is., 61.9936°N, 35.1658°E, MT, 23–27.VI.2003, 1 ♂, leg. AH; Belaya Gora, 62.583°N, 33.948°E, pine forest, 16.VII.2002, 2 ♂♂, leg. AH; Bolshoi Klimenetskyi Is., Shirokiy Navolok Headland, 61.86°N, 35.22°E, meadow, 28.VI.2017, 1 ♂, leg. AH; Bolshoi Klimenetskyi Is., Voinavolok Headland, 61.97°N, 35.34°E, meadow, 29.VI.2017, 1 ♂, leg. AH; *Kpoc*: Lake Bolshoe Palosjarvi, 63.67°N, 32.63°E, MT, 20–25.VI.2000, 1 ♂, leg. AH; *Kpor*: Myagostrov Is., 64.32°N, 35.93°E, sea shore, 14.VIII.2002, 1 ♂, leg. AH; *Kk*: Syrovatka, 65.5282°N, 34.7297°E, spruce forest, MT, 20–22.VII.2003, 1 ♂, leg. AP.
Distribution: Palaearctic region, known from Russia [Woldstedt, 1878; Meyer, 1927, 1933; Rasnitsyn & Siytan, 1981], including Karelia [Ranin, 1979].

***Homotherus magus* (Wesmael, 1855)**
Material: **Karelia.** *Kpor*: Ladozero, 63.5876°N, 35.8442°E, spruce forest, MT, 26–29.VI.2010, 1 ♀, leg. AH; Lake Ostrech'e, 63.577°N, 35.839°E, 28.VI.2010, 1 ♂, leg. AH.
Distribution: Holarctic region, known from Russia [Woldstedt, 1881; Meyer, 1933; Rasnitsyn & Siytan, 1981], new for Karelia.

***Hoplismenus terrificus* Wesmael, 1848**
Material: **Karelia.** *Kol*: Mayachino environs, 60.78°N, 32.82°E, 23.VI.2012, 1 ♀, leg. AH; *Kp*: 3 km SSW of Prirechnyi, 61.772°N, 37.583°E, mixed forest, MT, 24.VI – 13.VIII.2009, 1 ♀, leg. AH.
Distribution: Palaearctic and Oriental regions, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981], including Karelia [Hellén, 1939; Ranin, 1979].

***Ichneumon albiger* Wesmael, 1845**
Material: **Karelia.** *Kpoc*: Lake Yudalo, 64.062°N, 31.199°E, pine forest, 9.VII.2009, 1 ♀, leg. AP.
Distribution: Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981], including Karelia [Ranin, 1979].

***Ichneumon altaicola* Heinrich, 1978**
Material: **Karelia.** *Kon*: Turastamozero environs, 62.5649°N, 34.6998°E, MT, 24.VII – 22.VIII.2012, 1 ♀, leg. AH.
Distribution: Palaearctic region, known from Russia [Heinrich, 1978], new for Karelia.

***Ichneumon amphibolus* Kriechbaumer, 1888**
Material: **Karelia.** *Kon*: Kivach Nature Reserve, 62.287°N, 33.954°E, windfallen aspen trunk, emergence trap 7, 27.VIII – 28.IX.2015, 1 ♀, leg. AP.
Distribution: Palaearctic region, known from Russia [Gokhman et al., 2014], new for Karelia.

***Ichneumon caedator* Gravenhorst, 1829**
Material: **Karelia.** *Kon*: Lambaznik Is. (Kizhi skerries), 61.989°N, 35.198°E, 25.VI.2003, 1 ♀, leg. AH.
Distribution: Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981], new for Karelia.

***Ichneumon deliratorius* Linnaeus, 1758**
Material: **Karelia.** *Kon*: Chur Is. (Kizhi skerries), 61.88°°N, 35.30°E, 28.VI.2017, 2 ♂♂, leg. AH.
Distribution: Holarctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981], including Karelia [Riedel & Humala, 2009].

***Ichneumon emancipatus* Wesmael, 1845**
Material: **Karelia.** *Kon*: 1 km S of Konchezero, 62.1078°N, 33.9941°E, clear-cut site, 4.VI.2013, 1 ♀, leg. AH.
Distribution: Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981], new for Karelia.

***Ichneumon extensorius* Linnaeus, 1758**
Material: **Karelia.** *Kl*: Valaam Is., 61.361°N, 30.983°E, 31.VII.2009, 1 ♂, leg. AP; *Kol*: Petrozavodsk – Lososinnoe, 61.6996°N, 34.2154°E, clear-cut site, 28V. 2013, 1 ♀, leg. AH; Petrozavodsk – Lososinnoe, 61.4312°N, 34.137°E, YPT, 28–31.V.2013, 1 ♀, leg. AH; Petrozavodsk – Lososinnoe, 61.4159°N, 34.1256°E, YPT, 28–31.V.2013, 1 ♀, leg. AH; Petrozavodsk – Lososinnoe, 61.7199°N, 34.2186°E, clear-cut site, YPT, 28–31.V.2013, 1 ♀, leg. AH; Petrozavodsk – Lososinnoe, 61.7024°N, 34.2423°E, clear-cut site, YPT, 28–31.V.2013, 1 ♀, leg. AH.
Distribution: Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981], including Karelia [Kerrich, 1939; Riedel & Humala, 2009].

***Ichneumon gibbulus* Thomson, 1886**
Material: **Karelia.** *Kon*: 1 km E of Malaya Gomsel'ga, 62.0664°N, 33.9799°E, clear-cut site, 5.VI.2013, 1 ♀, leg. AH.
Distribution: Palaearctic region, known from Russia, including Karelia [Riedel & Humala, 2009].

***Ichneumon gracilentus* Wesmael, 1845**
Material: **Karelia.** *Kol*: 2 km S of Matrosy, 61.760°N, 33.789°E, spruce forest, window trap, 28.VII – 31.VIII.1999, 1 ♀, leg. AH; Mayachino environs, 60.79°N, 32.83°E, 25.VI.2012, 1 ♀, leg. AH; *Kon*: Pin'guba, 61.8750°N, 34.5417°E, MT, 12–26.VI.2012, 1 ♀, leg. AP; Pod'elniki, 62.1083°N, 35.1694°E, MT, 18–22.VII.2011, 1 ♂, leg. AH; Turastamozero environs, 62.5603°N, 34.7163°E, pine forest, 21.VII – 22.VIII.2012, 3 ♂♂, leg. AH; Kivach Nature Reserve, 62.287°N, 33.954°E, windfallen aspen trunk, emergence trap 10, 27.VIII – 28.IX.2015, 1 ♀, leg. AP; 2 km N of Vendyury, 62.24°N, 33.29°E, mixed forest, 30.VIII.2017, 1 ♂, leg. AH; *Kton*: Vodlozersky National Park, Ileksa R., 62.633°N 37.042°E, 7.VIII.2013, 1 ♂, leg. AH; *Kk*: Paanajarvi National Park, Kivakkoski, 66.222°N, 30.5867°E, 10.VIII.2004, 2 ♀♀, leg. AH; **Arkhangelsk Reg.** *Kton*: Vodlozersky National Park, Vyzhiga R., 62.773°N, 37.158°E, forest fire site, 1.VIII.2014, 1 ♂, leg. AH.
Distribution: Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981], including Karelia [Kerrich, 1939; Riedel & Humala, 2009], new for the Arkhangelsk Region.

***Ichneumon gracilicornis* Gravenhorst, 1829**
Material: **Karelia.** *Kol*: 2 km N of Sheltozero, 61.40°N, 35.34°E, meadow, 13.VII.2004, 1 ♀, leg. AH; *Kon*: Bolshoy Klimenetskiy Is., 1 km S of Vorob'i,

62.0459°N, 35.2489°E, meadow, 19.VIII.2008, 1 ♂, leg. AH; Myal' Is. (Kizhi skerries), 62.000°N, 35.147°E, meadow, 28.VI.2003, 1 ♀, leg. AH; Eglov Is., 62.128°N, 35.170°E, YPT, 27–29.VI.2014, 1 ♀, leg. AH; *Kpoc*: Russkiy Kuzov Is., 64.92°N, 35.14°E, sea shore, 23.VIII.2002, 2 ♂♂, leg. AH.
Distribution: Palaearctic region, known from Russia [Woldstedt, 1878; Kokujev, 1913; Meyer, 1933; Rasnitsyn & Siytan, 1981], new for Karelia.

***Ichneumon ignobilis* Wesmael, 1855**
Material: **Karelia.** *Kon*: Malaya Gomsel'ga, 62.066°N, 33.98°E, 5.VI.2013, 1 ♀, leg. AH; **Murmansk Reg.** *Lps*: Pasvik Nature Reserve, Kalkupya Mt., 69.2870°N, 29.3554°E, MT, 30.VII – 11.X.2007, 1 ♀, leg. AH; *Lim*: Lapland Nature Reserve, 4 km SE of Chunozero, 67.642°N, 32.681°E, MT, 26.VIII – 21.IX.2014, 2♀♀, leg. AH.
Distribution: Palaearctic region, known from Russia, including the Murmansk Region [Rasnitsyn & Siytan, 1981; Riedel & Humala, 2009], new for Karelia.

***Ichneumon karpatica* Heinrich, 1951**
= *ruficollis* ***Holmgren praeocc.***
Material: **Murmansk Reg.** *Lps*: Pasvik Nature Reserve, Varlam Is., 69.1376°N, 29.2616°E, MT, pine forest, 6.VI – 10.VII.2007, 1 ♀, leg. AH; *Lim*: Lapland Nature Reserve, vicinity of Krasnaya Lambina, 68.057°N, 32.594°E, mixed forest, MT-1, 22.VI – 20.VII.2017, 1 ♀, leg. AH.
Distribution: Western Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981], new for the Murmansk Region.

***Ichneumon ligatorius* Thunberg, 1824**
Material: **Karelia.** *Kol*: Petrozavodsk – Lososinnoe, 61.707°N, 34.244°E, clear-cut site, YPT, 9–12.VII.2012, 1 ♀, leg. AH.
Distribution: Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981; Riedel & Humala, 2009], including Karelia [Ranin, 1979].

***Ichneumon melanotis* Holmgren, 1864**
Material: **Karelia.** *Kk*: Keret Is., 66.303°N, 33.652°E, 16.VIII.1998, 1 ♀, leg. AH.
Distribution: Palaearctic region, known from Russia [Woldstedt, 1881; Kokujev, 1913; Rasnitsyn & Siytan, 1981], new for Karelia.

***Ichneumon primatorius* Forster, 1771**
Material: **Karelia.** *Kon*: Eglov Is., 62.128°N, 35.170°E, meadow, 29.VI.2014, 1 ♀, leg. AH; *Kton*: Kladovets cape, 61.667°N, 36.046°E, windfall, YPT, 30.VI–3.VII.2018, 1 ♀, leg. AH.
Distribution: Palaearctic region, known from Russia [Woldstedt, 1881; Rasnitsyn & Siytan, 1981; Riedel & Humala, 2009], including Karelia [Woldstedt, 1874].

***Ichneumon rudolphi* Holmgren, 1884**
Material: **Karelia.** *Kpoc*: Murdojoki R., 64.2019°N, 30.8661°E, spruce forest, MT, 25.VI – 8.VII.2009, 1 ♀, leg. AP.
Distribution: Palaearctic region, known from Russia [Roman, 1927; Meyer, 1933; Rasnitsyn & Siytan, 1981], new for Karelia.

***Ichneumon sarcitorius* Linnaeus, 1758**
Material: **Karelia.** *Kon*: 2 km ESE of Malaya Gomsel'ga, 62.0593°N, 33.9943°E, clear-cut site, 5.VI.2013, 1 ♀, leg. AH.
Distribution: Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981], including Karelia [Woldstedt, 1874].

***Ichneumon spurius* Wesmael, 1848**
Material: **Karelia.** *Kk*: Kishkin Is., 66.313°N, 33.868°E, 8.VIII.2006, 1 ♀, leg. AH; **Murmansk Reg.** *Lim*: Lapland Nature Reserve, Chunozero settlement, 67.651°N, 32.652°E, 26.V.2014, 1 ♀, leg. AH.
Distribution: Western Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981], new for Karelia and Murmansk Region.

***Ichneumon stramentor* Rasnitsyn, 1981**
Material: **Karelia.** *Kk*: Oleniy Is., 65.677°N, 34.925°E, 5.VIII.2006, 1 ♂, leg. AH.
Distribution: Western Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981], new for Karelia.

***Ichneumon terminatorius* Gravenhorst, 1820**
Material: **Karelia.** *Kl*: Valaam Is., 61.371°N, 30.958°E, 29.VII.2009, 1 ♂, leg. AP.
Distribution: Western Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981], new for Karelia.

***Ichneumon trialbatus* Kriechbaumer, 1880**
Material: **Karelia.** *Kk*: Bolshoy Rob'yak Is., 65.626°N, 34.907°E, 5.VIII.2006, 1 ♂, leg. AH.
Distribution: Western Palaearctic region, **new for Russia**.

***Ichneumon tuberculipes* Wesmael, 1848**
Material: **Murmansk Reg.** *Lps*: Pasvik Nature Reserve, Kalkupya Mt., 69.2870°N, 29.3554°E, MT, 30.VII – 11.X.2007, 1 ♂, leg. AH.
Distribution: Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981], including Karelia [Riedel & Humala, 2009]; new for the Murmansk Region.

***Ichneumon vulneratorius* Zetterstedt, 1838**
Material: **Murmansk Reg.** *Lps*: Pasvik Nature Reserve, Kalkupya Mt., 69.2870°N, 29.3554°E, MT, 30.VII – 11.X.2007, 1 ♀, leg. AH; *Lim*: Lapland Nature Reserve, vicinity of Krasnaya Lambina, 68.057°N, 32.594°E, mixed forest, MT-1, 22.VI – 20.VII.2017, 1 ♀, leg. AH.
Distribution: Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981], including the Murmansk Region [Morley, 1933].

***Limerodops elongatus* (Brischke, 1865)**
Material: **Karelia.** *Kl*: Meyeri, 61.623°N, 30.590°E, mixed forest, MT, 3–6.VII.2010, 1 ♂, leg. AH; *Kon*: Vikshezero, 62.569°N, 34.356°E, mixed forest, 29.VI.2007, 1 ♂, leg. AH; *Kton*: Vodlozersky National Park, Okhtoma, 62.272°N, 36.749°E, 5.VIII.2015, 1 ♀, leg. AH; *Kp*: 3 km SSW of Prirechnyi, 61.772°N, 37.583°E, mixed forest, 13.VIII.2009, 1 ♀, leg. AH.
Distribution: Palaearctic region, known from Russia [Meyer, 1930; Rasnitsyn & Siytan, 1981], including Karelia [Ranin, 1979; Riedel & Humala, 2009].

***Melanichneumon designatorius* (Linnaeus, 1758)**
Remark: In the available material all femora and tibiae are reddish.
Material: **Karelia.** *Kon*: Pod'elniki, 62.1083°N, 35.1694°E, MT, 18–22.VII.2011, 1 ♀, leg. AH; **Murmansk Reg.** *Lps*: Pasvik Nature Reserve, Menikkajoki R., birch forest, MT, 6.VII – 14.VIII.2007, 1 ♂, leg. AH.
Distribution: Palaearctic region, known from Russia [Woldstedt, 1878; Meyer, 1930, 1933; Rasnitsyn & Siytan, 1981], including Karelia [Hellén, 1946]; new for the Murmansk Region.

***Patrocloides diasemae* (Tischbein, 1877)**
Material: **Murmansk Reg.** *Lim*: Lapland Nature Reserve, 3 km W of Chunozero, 67.651°N, 32.598°E, spruce forest, 18.IX.2017, 1 ♀, leg. AH.
Distribution: Palaearctic region, known from Russia [Meyer, 1933], new for the Murmansk Region.

***Patrocloides dubitatorius* (Sulzer, 1776)**
Material: **Karelia.** *Kl*: Kilpola Is., 61.20°N, 29.98°E, mire, 16.VI.2011, 1 ♀, leg. AH; *Kol*: Petrozavodsk – Lososinnoe, 61.699°N, 34.216°E, clear-cut site, YPT, 28–31.V.2013, 1 ♀, leg. AH; *Kon*: Kivach Nature Reserve, 62.28°N, 34.00°E, pine forest, 21.VI.2002, 1 ♂, leg. AH; **Arkhangelsk Reg.** *Kton*: Vodlozersky National Park, Vyzhiga R., 62.773°N, 37.158°E, forest fire site, 2.VIII.2014, 1 ♂, leg. AH.
Distribution: Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981], including Karelia [Ranin 1981; Riedel & Humala, 2009], new for the Arkhangelsk Region.

***Patrocloides regius* (Hellén, 1951)**
Material: **Karelia.** *Kon*: Turastamozero environs, 62.560°N, 34.714°E, 21.VII.2012, 1 ♂, leg. AH.
Distribution: Known from Finland and Russia, including Karelia [Vikberg & Perkiomäki, 2006].

***Rictichneumon pachymerus* (Hartig, 1838)**
Material: **Karelia.** *Kol*: Petrozavodsk, 61.768°N, 34.370°E, 29.VI.2013, 1 ♀, leg. AH.
Distribution: Holarctic region, known from Russia [Meyer, 1933; Ranin, 1981; Rasnitsyn & Siytan, 1981; Tereshkin, 2003b], new for Karelia.

***Spilichneumon celenae* Perkins, 1953**
Material: **Karelia.** *Kton*: Shoykapolda R., 62.5282°N, 37.3775°E, 22.VIII.2006, 1 ♂, leg. AH.
Distribution: Western Palaearctic region, known from Russia [Ranin, 1979; Rasnitsyn & Siytan, 1981], new for Karelia.

***Spilichneumon limnophilus* (Thomson, 1888)**
Material: **Karelia.** *Kpoc*: Russkiy Kuzov Is., 64.92°N, 35.14°E, sea shore, 19.VII.2001, 1 ♀, leg. AH.
Distribution: Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981], new for Karelia.

***Stenichneumon culpator* (Schrank, 1802)**
Material: **Karelia.** *Kl*: Valaam Is., Ugrevyi Bay, 61.3499°N, 30.9647°E, 1.VIII.2009, 1 ♂, leg. AP; *Kon*: 2.5 km NE of Kondopoga, Lake Nigozero, 62.217°N, 34.305°E, 7.VII.2012, 1 ♀, leg. A. Kainelainen; *Kpoc*: Russkiy Kuzov Is., 64.92°N, 35.14°E, sea shore, 19.VII.2001, 1 ♀, leg. AH.
Distribution: Holarctic region, known from Russia [Woldstedt, 1881; Meyer, 1933; Rasnitsyn & Siytan, 1981; Riedel & Humala, 2009], new for Karelia.

***Stenichneumon militarius* (Thunberg, 1824)**
Material: **Karelia.** *Kol*: Mayachino environs, 60.78°N, 32.82°E, YPT, 4–9.VII.2013, 2 ♀♀, leg. AH; *Kon*: Myagrozero, meadow, 62.507°N, 34.788°E, YPT, 20–24.VII.2012, 1 ♀, leg. AH; *Kp*: Lake Chumbozero, 61.842°N, 37.754°E, pine forest, YPT, 20.VI.2009, 1 ♀, leg. AH; *Kpoc*: Chernetskiy Is., 65.18°N, 34.68°E, 4.VIII.2006, 1 ♀, leg. AH; **Murmansk Reg.** *Lim*: Lapland Nature Reserve, vicinity of Krasnaya Lambina, 68.056°N, 32.589°E, mixed forest, MT-1, 20.VII – 20.VIII.2017, 1 ♀, leg. AH; **Arkhangelsk Reg.** *Kton*: Vodlozersky National Park, Vyzhiga R., 62.774°N, 37.159°E, forest fire site, YPT, 8–10.VII.2014, 1 ♀, leg. AH.
Distribution: Holarctic region, known from Russia [Meyer, 1933, Rasnitsyn & Siytan, 1981] including Karelia [Woldstedt, 1874; Krogerus, 1938; Riedel & Humala, 2009], new for the Arkhangelsk Region.

***Stenobarichneumon basiglyptus* (Kriechbaumer, 1890)**
Material: **Karelia.** *Kl*: Meyeri, 61.621°N, 30.590°E, mixed forest, YPT, 4–6.VII.2010, 1 ♂, leg. AH; *Kol*: Mayachino environs, 60.78°N, 32.82°E, 23–28.VI.2012, 1 ♀, leg. AH; *Kpor*: Myagostrov Is., 64.32°N, 35.93°E, sea shore, 14.VIII.2002, 3 ♂♂, leg. AH; Ladozero, 63.580°N, 35.884°E, spruce forest, MT, 27.VI – 13.VIII.2010, 4 ♂♂, leg. AH; *Kk*: Lake Morzhovoe, 65.5387°N, 34.7105°E, 18.VII.2003, 1 ♂, leg. AP; Syrovatka, 65.5282°N, 34.7297°E, spruce forest, MT, 20–22.VII.2003, 1 ♀, leg. AP.
Distribution: Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981] including Karelia [Krogerus, 1938; Riedel & Humala, 2009].

***Stenobarichneumon tegelensis* (Heinrich, 1951)**
Material: **Karelia.** *Kk*: Syrovatka, 65.5282°N, 34.7297°E, spruce forest, MT, 20–22.VII.2003, 1 ♂, leg. AP.
Description of male:
Body length 6.5 mm. Flagella with 26 segments; tyloids on flagellomeres 5–14, long oval, as long as their segments. Temples roundly narrowed behind eyes, ca. 0.75x as long as eye width. Distance between lateral ocelli and eyes 1.3x the diameter of ocellus. Face and clypeus coarsely punctate, with fine granulation, but shining; frons punctate. Malar space ca. 0.7x as long as the width of the mandibular base. Genal carinae reaching hypostomal ones far from the mandibular base.
Mesosoma punctate, covered with whitish hairs. Mesopleura and metapleura partly rugose; coxal carina distinct. Scutellum moderately elevated, slightly wider than long, with lateral carinae in the basal 0.5. Propodeum with slit-shaped spiracles. Area basalis with central tubercle; area superomedia crescent-shaped, slightly longer than wide; costulae absent. Hind femora stout, length 3.1x height. Claws without teeth.
Postpetiolus without dorsal carinae, coarsely punctate. Gastrocoeli slightly impressed. Thyridia oblique, wide, ca. 2x wider than their interval. All tergites punctate and more or less shining.
Color: Black. Mandibles centrally reddish. Palps partly ivory. Flagella black, ventrally brownish in the apical third. Vertices opposite to lateral ocelli with small triangular ivory spots. Mesosoma, including tegulae and scutellum, black. First tergite black, hind margin of postpetiolus narrowly red. Second and third tergites red; the following tergites black with narrow reddish hind margins. Coxae and trochanters black, legs with hind trochantelli otherwise reddish; middle femora partly infuscate dorsally and ventrally; hind femora and hind tibiae infuscate in their apical 0.25; hind tarsi black, except the reddish base of metatarsi. Pterostigma brown.
Distribution: Western Palaearctic region, known from the Netherlands and Poland, **new for Russia.**

***Sycaonia foersteri* (Wesmael, 1848)**
Material: **Karelia.** *Kon*: Kivach Nature Reserve, 62.254°N, 33.998°E, birch forest, 6.VII.2001, 1 ♂, leg. AH; Ernitskiy Is., 61.9936°N, 35.1658°E, MT, 23–27.VI.2003, 2 ♂♂, leg. AH; *Kp*: 3 km SSW of Prirechnyi, 61.772°N, 37.583°E, mixed forest, MT, 24.VI – 13.VIII.2009, 1 ♂, leg. AH; *Kpor*: Myagostrov Is., 64.32°N, 35.93°E, sea shore, 14.VIII.2002, 2 ♂♂, leg. AH.
Distribution: Western Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981], new for Karelia.

***Thyrateles camelinus* (Wesmael, 1845)**
Material: **Karelia.** *Kl*: Kilpola Is., 61.20°N, 29.98°E, mire, 16.VI.2011, 1 ♀, leg. AH.
Distribution: Palaearctic region, known from Russia [Meyer, 1921, 1929, 1933; Rasnitsyn & Siytan, 1981], new for Karelia.

***Thyrateles haereticus* (Wesmael, 1854)**
Material: **Karelia.** *Kol*: Mayachino environs, 60.78°N, 32.82°E, 22.VI.2012, 1 ♀, leg. AH; *Kon*: Myagrozero, 62.53°N, 34.76°E, meadow, 20.VII.2012, 1 ♂, leg. AH; Oyatevschina, 62.081°N, 35.174°E, meadow, 19.VII.2011, 1 ♂, leg. AH; **Arkhangelsk Reg.** Solovetsky Kremlin, 65.024°N, 35.710°E, 18.VIII.2002, 1 ♂, leg. AH.
Distribution: Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981], including Karelia [Krogerus, 1938], new for the Arkhangelsk Region.

***Tricholabus strigatorius* (Gravenhorst, 1829)**
Material: **Karelia.** *Kpoc*: Russkiy Kuzov Is., 64.92°N, 35.14°E, sea shore, 18.VII.2001, 1 ♀, leg. AH; *Kpor*: Bolshoy Zhuzhmui Is., 64.66°N, 35.58°E, 23.VII.2001, 1 ♀, leg. AH.
Distribution: Palaearctic and Oriental regions, known from Russia [Woldstedt, 1878; Meyer, 1933; Rasnitsyn & Siytan, 1981], new for Karelia.

***Virgichneumon albosignatus* (Gravenhorst, 1829)**
Material: **Karelia.** *Kon*: Bolshoy Klimenetskiy Is., 1 km S of Vorob'i, 62.0459°N, 35.2489°E, 20.VIII.2008, 1 ♂, leg. AH.
Distribution: Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981], including Karelia [Hellén, 1936; Riedel & Humala, 2009].

***Virgichneumon callicerus* (Gravenhorst, 1820)**
Material: **Karelia.** *Kol*: Mayachino environs, 60.78°N, 32.82°E, YPT, 4–9.VII.2013, 1 ♀, leg. AH.
Distribution: Palaearctic region, known from Russia [Ranin, 1979], new for Karelia.

***Virgichneumon krapinensis* (Schmiedeknecht, 1928)**
Material: **Karelia.** *Kol*: Petrozavodsk – Lososinnoe, 61.720°N, 34.222°E, plot 7, YPT, 9–12.VII.2012, 2 ♀♀, leg. AH; Petrozavodsk – Lososinnoe, 61.707°N, 34.244°E, plot 9, 10.VII.2012, 1 ♀, leg. AH; 61.702°N, 34.242°E, plot 10, 28.V.2013, 1 ♀, leg. AH; *Kk*: Syrovatka, 65.5282°N, 34.7297°E, spruce forest, MT, 20–22.VII.2003, 1 ♀ and 2 ♂♂, leg. AP.
Distribution: Western Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981; Tereshkin, 2006], including Karelia [Riedel & Humala, 2009].

***Virgichneumon tergenus* (Gravenhorst, 1820)**
Material: **Karelia.** *Kol*: Mayachino environs, 60.78°N 32.82°E, YPT, 23–28.VI.2012, 1 ♀, leg. AH.
Distribution: Western Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981; Tereshkin, 2006; Riedel & Humala, 2009], new for Karelia.

***Vulgichneumon deceptor* (Scopoli, 1763)**
Material: **Karelia.** *Kon*: Ernitskiy Is., 61.9936°N, 35.1658°E, MT, 23–27.VI.2003, 1 ♂, leg. AH; *Kpor*: Ladozero, 63.5876°N, 35.8442°E, spruce forest, MT, 27.VI – 13.VIII.2010, 2 ♂♂, leg. AH.
Distribution: Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981; Riedel & Humala, 2009], new for Karelia.

***Vulgichneumon saturatorius* (Linnaeus, 1758)**
Material: **Karelia.** *Kol*: 2 km N of Sheltozero, 61.40°N, 35.34°E, meadow, 13.VII.2004, 1 ♂, leg. AH; *Kon*: 2 km SE of Tereki, 62.21°N, 33.86°E, mixed forest, 16.VIII.2017, 1 ♂, leg. AH; Severnyi Oleniy Is. 62.07°N, 35.35°E, 5.VII.2017, 1 ♀, leg. AH; *Kpor*: Myagostrov Is., 64.32°N, 35.93°E, sea shore, 14.VIII.2002, 1 ♂, leg. AH.
Distribution: Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981], including Karelia [Kerrich, 1939, Riedel & Humala, 2009].

***Vulgichneumon suavis* (Gravenhorst, 1820)**
Material: **Karelia.** *Kon*: Ernitskiy Is., 61.9936°N, 35.1658°E, MT, 23–27.VI.2003, 1 ♂, leg. AH; Malyi Lelikovskiy Is., 61.98°N, 35.15°E, meadow, 26.VI.2003, 1 ♂, leg. AH; 1 km E of Malaya Gomsel'ga, 62.066°N, 33.980°E, clear-cut site, 6.VI.2013, 1 ♂, leg. AH.
Distribution: Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981], including Karelia [Ranin, 1979].

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