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Faunistic notes on the Ichneumoninae (Hymenoptera: Ichneumonidae) (excl. Phaeogenini) from the European part of Russia

Фаунистические заметки об Ichneumoninae (Hymenoptera: Ichneumonidae) (за исключением Phaeogenini) европейской части России

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КЛЮЧЕВЫЕ СЛОВА: наездники-ихневмонины, фауна, новый вид, европейская часть России

ABSTRACT: We report our findings of 106 Ichneumoninae species from several collection sites in different areas of the European part of Russia. 5 species are reported for Russia for the first time, and 43 species are new findings for the fauna of Karelian Republic. One species is described as new: *Platylabus karelicus* Riedel, **sp.n.**

РЕЗЮМЕ. В статье сообщается о находках 106 видов наездников-ихневмонин (Ichneumoninae) в нескольких регионах европейской части России. 5 видов впервые указаны для России и 43 вида впервые отмечаются для фауны Карелии. Один вид, *Platylabus karelicus* Riedel, **sp.n.**, описывается как новый для науки.

Introduction

The Ichneumonidae represent one of the largest families of the Hymenoptera. Despite their abundance and important role in biological pest control, the taxonomy, ecology, and geographical distribution of many groups of Ichneumonidae remain insufficiently known, even in well studied areas such as Europe. The subfamily Ichneumoninae is a very large group of Ichneumonidae mainly parasitizing lepidopteran larvae and pupae with more than 1700 described species in the Palaearctic region [Yu et al., 2005]. The ichneumonine fauna of Russia has been studied by several entomologists in the past. A first complete compilation of known data was made by Meyer [1933]. Townes et al. [1965] published a modern reclassification and catalogue of the Eastern Palaearctic part of Russia. Useful keys for the Ichneumoninae, containing distributional data, could be found in the key for identification of insects of the European part of USSR compiled by Rasnitsyn and Siytan [1981]. We studied a collection of the subfamily Ichneumoninae, excluding Phaeogenini, which has been brought together from several localities in Russia during the last years, mainly by the second author.

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Material and methods

The Ichneumoninae recorded in this paper were mostly collected by the use of sweep netting or lightweight Malaise traps [Townes, 1972], mainly in North-West Russia and in Northern Caucasus. Co-ordinates of some collecting localities in Karelia and in Murmansk Area are given according the 33°E grid [Humala, 1998] with noting of abbreviated biogeographical province of Fennoscandia [Heikinheimo & Raatikainen, 1971; Kravchenko & Kuznetsov, 2001]. To avoid misinterpretations, we excluded the specimens which have not been identified with certain accuracy (e.g. some males of the genera *Ichneumon* and *Diphyus*). The reference material is housed in the collection of both authors. The tribes, genera, and species are listed in alphabetic order according the recent Interactive Catalogue of World Ichneumonidae [Yu et al., 2005]. We also use the distributional records from this catalogue.

Species list

HERESIARCHINI

Amblyjoppa proteus (Christ, 1791)

MATERIAL. 1 ♀, Karelia, *Kon* 6872: 613, "Kizhi skerries", Bol. Lelikovskiy isl., 31.VII.2001, leg. Polevoi, 2 ♀♀, 6885: 618, "Kizhi skerries", Bol. Klimenetskiy isl., 19, 22.VIII.2008, leg. Humala.

DISTRIBUTION. Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981] including Karelia [Woldstedt, 1874].

Callajoppa cirrogaster (Schrank, 1781)

MATERIAL. 1♂, Pskov Area: Velikie Luki surroundings, 25.VIII.2004, leg. Osipov.

DISTRIBUTION. Palaearctic region, known from Russia [Woldstedt, 1874, 1881; Rasnitsyn & Siytan, 1981].

Coelichneumon biannulatus (Gravenhorst, 1820)

MATERIAL. 1♂, Karelia, *Kton* 6844: 661, Cape Besov Nos, Malaise trap, 28–30 VI 1995; 2 ♂♂, same label, 30.VI–2.VII.1995, leg. Polevoi; 1♂, —, *Kon* 6909: 552, Nature reserve "Kivach", pine forest (*Vaccinium vitis-idaea* type), sweep netting, 21.VI.2002, leg. Humala; 1♂, —, *Kk* 7314: 574, 2 km SW Gridino, Malaise trap, spruce forest, 4.VII-9.VIII.2007, leg. Humala.

DISTRIBUTION. Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981] including Karelia [Krogerus, 1938].

Coelichneumon biguttulatus (Kriechbaumer, 1875)

MATERIAL. 1♂, Karelia, *Kb* 6909: 421 Tolvoyarvi, Malaise trap, 11–17.VII.1998, leg. Tietavaynen; 1♀, Krasnodar Prov., Sochi, Lazarevskoe surroundings, Mirny 16.VI.1987, leg. Humala.

DISTRIBUTION. Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981].

Coelichneumon bohemani (Holmgren, 1864)

MATERIAL. 1♂, Karelia, *Kb* 6909: 421, Tolvoyarvi, Malaise traps, 11–17.VII.1998; 2 ♂♂, same label, 11–17.VII.1998, leg. Tietavaynen; 1♂, same label, 22–30.VI.1999, leg. Humala.

DISTRIBUTION. Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981] including Karelia [Grönblom, 1964].

Coelichneumon deliratorius (Linnaeus, 1758)

MATERIAL. 1♂, Karelia, *Kb* 6909: 421, Tolvoyarvi, Malaise trap, 22–30.VI.1999, leg. Humala; 1♀, Tver' Area, 15–20.VII.1993, leg. Osipov.

DISTRIBUTION. Holarctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981].

Coelichneumon desinatorius (Thunberg, 1824)

MATERIAL. 1♂, Karelia, *Kl*: Puikkola surroundings, window trap on shelf fungi *Fomes fomentarius*, 17.VI–26.VII.1991; 1 ♀, same label, 27.VII–21.VIII.1991, leg. Humala.

DISTRIBUTION. Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981] including Karelia [Ranin, 1979].

Coelichneumon eburnifrons (Wesmael, 1857)

syn. *Coelichneumon pumilionobilis* Heinrich, 1951 synonymized by Riedel [2008b].

MATERIAL. 2 ♂♂, Karelia, *Kb* 6909: 421, Tolvoyarvi, Malaise trap, 22–30.VI.1999, leg. Humala.

DISTRIBUTION. Holarctic region, known from Russia as C. *pumilionobilis* [Rasnitsyn & Siytan, 1981]. The report of *C. eburnifrons* from Russia [Meyer, 1933] refers to a species of *Syspasis* (the genus is actually revised by the first author).

Coelichneumon haemorrhoidalis (Gravenhorst, 1820)

MATERIAL. 1♂, Karelia, *Kb* 6909: 421, Tolvoyarvi, Malaise traps, 2–10.VII.1998; 2 ♂♂, same label, 11–17.VII.1998; 1♂, same label, 17–24.VII.1998; 1♂, same label, 11–17.VII.1998, leg. Tietavaynen; 1♂, same label, 22–30 VI 1999; 1♂, same label, 1–8.VII.1999, leg. Humala; 1♂, —, *Kk* 7314: 574, 2 km SW Gridino, Malaise trap, spruce forest, 4.VII-9.VIII.2007, leg. Humala; 1♂, —, *Kon* 6911: 553, Nature reserve "Kivach", Malaise trap, pine forest, 17–24.VI.1991, leg. Humala; 1♂, Stavropol' Prov., Pyatigorsk surroundings, 900 m, 6–9.VI.2002, leg. Osipov.

DISTRIBUTION. Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981].

Coelichneumon leucocerus (Gravenhorst, 1820)

MATERIAL. 2♂♂, Karelia, *Kon* 6998: 481, Vottovaara mt (400 m), Malaise trap, spruce forest (*Vaccinium myrtillus* type), 17.VI-17.VII.2008, leg. Humala; 1♂, —, *Kb* 6909: 421, Tolvoyarvi, Malaise trap, 15–22.VII.1999, 1♂, same label, 22–30.VI.1999, leg. Humala; 1♂, —, *Kon* 6911: 553, Nature reserve "Kivach", Malaise trap, pine forest (*Vaccinium myrtillus* type), 27–28.VI.1990, leg. Humala; 1♀, Krasnodar Prov., Sochi, Lazarevskoe surroundings, Mirny, 16.VI.1987; 1♀, same label, 28.IX.1988, leg. Humala.

DISTRIBUTION. Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981] including Karelia [Ranin, 1979].

Coelichneumon nobilis (Wesmael, 1857)

MATERIAL. 2♂♂, Karelia, *Kb* 6909: 421, Tolvoyarvi, Malaise trap, 22–30.VI.1999 and 11–17.VII.1998, leg. Humala; 3♂♂, —, *Kk* 7314: 574, 2 km SW Gridino, Malaise trap, spruce forest, 4.VII–9.VIII.2007, leg. Humala.

DISTRIBUTION. Palaearctic region, known from Russia [Meyer, 1921; Rasnitsyn & Siytan, 1981] including Karelia [Krogerus, 1938].

Coelichneumon sugillatorius (Linnaeus, 1758)

MATERIAL. 1♂, Karelia, *Kon* 6911: 553, Nature reserve "Kivach", Malaise trap, pine forest (*Vaccinium vitis-idaea* type), 5–8.VII.1991, leg. Humala; 1♂, —, *Kb* 6909: 421, Tolvoyarvi, Malaise trap, 11–17.VII.1998, leg. Tietavaynen; 1♀, Krasnodar Prov., Sochi, Lazarevskoe surroundings, Mirny, 16 VI 1987, leg. Humala.

DISTRIBUTION. Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981] including Karelia [Ranin, 1979].

Coelichneumon validus (Berthoumieu, 1894)

MATERIAL. 1♀, Karelia, *Kol* 6790: 639, 1 km S Kaskesruchey, 19.VII.2004, leg. Humala.

DISTRIBUTION. Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981].

Protichneumon fusorius (Linnaeus, 1761)

MATERIAL. 1♀, Saratov Area: Melovoe surroundings, 14.VI.1996, leg. Osipov; 1♀, Republic of Kalmykia, Godzhur surroundings, 14–19.VI.2001, leg. Karalius and Miatlenski.

DISTRIBUTION. Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981].

Protichneumon similatorius (Fabricius, 1798)

MATERIAL. 1♀, Karelia, *Kon* "Kizhi skerries", 6885: 616, Zharnikovo, Malaise trap, 27–28.VII.1994, leg. Humala; 1♀, 6887: 618, Bol. Klimenetskiy isl., 7.VIII.1996, leg. Polevoi, 2♀♀, same label, 19–20.VIII.2008, leg. Humala.

DISTRIBUTION. Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981] including Karelia [Ranin, 1979].

Syspasis rufina (Gravenhorst, 1820)

MATERIAL. 1♀, Krasnodar Prov., Sochi, Lazarevskoe surroundings, 22.VII.1987, leg. Humala.

DISTRIBUTION. Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981].

Syspasis scutellator (Gravenhorst, 1829)

MATERIAL. 2♂♂, Karelia, *Kl* 6854: 387, 3 km NW Rautalahti, 14.VIII.2008, leg. Humala.

DISTRIBUTION. Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981].

Syspasis tauma (Heinrich, 1951)

MATERIAL. 1♀, Karelia, *Kon* 6911: 553, Nature Reserve "Kivach", Malaise traps, 19–26.VI.1990, pine forest (*Vaccinium vitis-idaea* type); 1♀, 6906: 553, 25–27.VI.1989 pine forest (*Cladonia* type), leg. Humala.

DISTRIBUTION. Holarctic region, reported from Russia [Rasnitsyn & Siytan, 1981] as *S. thauma.*

Trogus lapidator (Fabricius, 1787)

MATERIAL. 1♀, Karelia, *Kon* 6905: 553, Nature Reserve "Kivach", 29.VII.1991, leg. Humala; 1♀, *Kk* 7364: 533, Kartesh, White Sea Biological station of Zoological Institute RAS surroundings, 28.VII.1996, leg. Humala; 2♀♀, *Kpoc* 7205: 601, Russkiy Kuzov isl. 19.VII.2001 leg. Humala.

DISTRIBUTION. Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981] including Karelia [Krogerus, 1938].

LISTRODROMINI

Anisobas hostilis (Gravenhorst, 1820)

MATERIAL. 1♀, Krasnodar Prov., Sochi, Lazarevskoe surroundings, 1.VII.1987, leg. Humala.

DISTRIBUTION. Palaearctic region, known from Russia [Woldstedt, 1878; Rasnitsyn & Siytan, 1981].

Neotypus nobilitator (Gravenhorst, 1807)

MATERIAL. 1♂, Karelia, *Kol* 6812: 625, Sheltozero surroundings, Onego lake shore, 13.VII.2004, leg. Humala.

DISTRIBUTION. Holarctic and Oriental regions, known from Russia [Townes et al., 1965; Rasnitsyn & Siytan, 1981].

PLATYLABINI

Hypomecus quadriannulatus (Gravenhorst, 1829)

MATERIAL. 1♀, Karelia, *Kon* 6998: 481, Vottovaara mt (400 m), Malaise trap, spruce forest (*Vaccinium myrtillus* type), 17.VI-17.VII.2008, leg. Humala.; 1♀, Tver' Area, near Borisovskoe, 1–10.IX.1998, leg. Osipov.

DISTRIBUTION. Holarctic and Oriental regions, known from Russia [Woldstedt, 1881, Rasnitsyn & Siytan, 1981].

Platylabus borealis Holmgren, 1871

MATERIAL. 1♂, Karelia, *Kb* 6909: 421, Tolvoyarvi, Malaise trap, 17–24.VII.1998, leg. Tietavaynen; 1♀, —, *Kpoc* 7205: 601, Russkiy Kuzov isl., 21.VII.2001, leg. Humala.

DISTRIBUTION. Western Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981] including Karelia [Meyer, 1933].

Platylabus curtorius (Thunberg, 1824)

MATERIAL. 1♂, Karelia, *Kk* 7353: 544, Ploskaya Dvinskaya Luda isl., 7.VIII.2006, leg. Humala; 1♂, —, *Kton* 6943: 723, Lambuda lake surroundings, 23.VIII.2006, leg. Humala.

DISTRIBUTION. Western Palaearctic region, new for Russia.

Platylabus gigas Kriechbaumer, 1886

MATERIAL. 1♂, Karelia, *Kb* 6909: 421, Tolvoyarvi, Malaise trap, 22–30.VI.1999, leg. Humala.

DISTRIBUTION. Western Palaearctic region, new for Russia.

Platylabus intermedius Holmgren, 1871

MATERIAL. 1♀, Karelia, *Kb* 6909: 421, Tolvoyarvi, Malaise trap, 7–13.IX.1999, leg. Humala.

DISTRIBUTION. Western Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981].

Platylabus karelicus Riedel, **sp. n.**

MATERIAL. 1♀, Karelia, *Kon* 6908: 551, Nature reserve "Kivach", Malaise trap, 9.VI.1992, leg. Humala.

DISTRIBUTION. Known only from Karelia (see below).

Platylabus nigrocyaneus (Gravenhorst, 1829)

MATERIAL. 1♂, Karelia, *Kpoc* 7178: 622, Bol'shoy Zhuzhmuy isl., 24.VII.2001, leg. Humala.

TAXONOMIC REMARKS. The specimen differs from the description given by Riedel [2008a] by the following features: flagellum with 36 segments, very small tyloids on flagellar segments 12–17, extensive whitish marks including clypeus, whole face, markings on tegulae, and markings on front and middle coxae and trochanters.

DISTRIBUTION. Western Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981].

Platylabus rufus Wesmael, 1845

MATERIAL. 1♀, Karelia, *Kon* 6908: 551, Nature reserve "Kivach", Malaise trap, aspen forest, 15–18.VI.1989, leg. Humala.

DISTRIBUTION. Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981; Riedel, 2008a].

ICHNEUMONINI

Achaius marginegutattus (Gravenhorst, 1829)

MATERIAL. 1♂, Tver' Area, near Staritsa, 9–12.VIII.1986, leg. Osipov.

DISTRIBUTION. Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981].

Achaius oratorius (Fabricius, 1793)

MATERIAL. 1♂, Tver' Area, 10–20.IX.1998, leg. Osipov.

DISTRIBUTION. Palaearctic region, known from Russia [Townes et al., 1965; Rasnitsyn & Siytan, 1981].

Amblyteles armatorius (Forster, 1771)

MATERIAL. 2♀♀, Stavropol' Prov., Pyatigorsk surroundings, 900 m, 30.V.2002, leg. Osipov.

DISTRIBUTION. Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981].

Anisopygus pseudonymus (Wesmael, 1845)

MATERIAL. 1♀, 1♂, Karelia, *Kb* 6909: 421, Tolvoyarvi, Malaise traps, 22–30.VI.1999, leg. Humala; 1♂, same label, 11–17.VII.1998, leg. Tietavaynen.

DISTRIBUTION. Holarctic region, known from Russia [Rasnitsyn & Siytan, 1981] including Karelia [Ranin, 1979].

Aoplus altercator (Wesmael, 1855)

MATERIAL. 1♀, Karelia, *Kon* 6907: 550, Nature reserve "Kivach", Malaise trap, spruce forest, 18–25.VI.1991, 7 ♀♀, same label, 15.V.1997 under bark of dead spruce; 1 ♀, same label, 30.V.1990, 1♀, same label, 26.VII.1993, leg. Humala.

DISTRIBUTION. Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981].

Aoplus castaneus (Gravenhorst, 1820)

MATERIAL. 3♀♀, Murmansk Area *Lps* 7677: 352, Pasvik Nature Reserve, Varlam isl., Malaise trap, pine forest, 3.VIII-10.X.2007, leg. Humala; 1♀, Karelia, *Kpoc* 7200: 377, National park "Kaleval'skiy", window traps, 16.VI–2.VIII.1997, 1♀, same label, 2.VIII–2.X.1997, leg. Humala; 1♀, —, *Kb* 6909: 421, Tolvoyarvi, Malaise trap, 11–22.VI.1999, leg. Humala; 1♀, —, *Kk* 7313: 573 Gridino surroundings, pine forest, 4.VII.2007, leg. Humala; 1♀, 7314: 574, 2 km SW Gridino, Malaise trap, 4.VII–9.VIII.2007, leg. Humala; 2 ♀♀, —, *Kon* 6998: 481, Vottovaara mt (400 m), Malaise trap, spruce forest (*Vaccinium myrtillus* type), 17.VI–17.VII.2008, leg. Humala; 1♀, —, *Kon* 6909: 551, Nature reserve "Kivach", Malaise trap, 29.V–5.VI.1991; 1♀, same label, 26.VIII.1992, leg. Humala; 1 ♀, same label, window trap on dead aspen trunk, mixed forest, 22.VII–7.IX.1993, leg. Humala.

DISTRIBUTION. Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981] including Karelia [Krogerus, 1938; Kerrich, 1939].

Aoplus ochropis (Gmelin, 1790)

MATERIAL. 1♂, Karelia, *Kk* 7314: 574, 2 km SW Gridino, Malaise trap, 4.VII–9.VIII.2007, leg. Humala.

DISTRIBUTION. Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981] including Karelia [Hellén, 1939].

Aoplus personatus (Gravenhorst, 1829)

MATERIAL. 1♀, Karelia, *Kon* 6908: 551, Nature reserve "Kivach", 3.VIII.2003, leg. Humala.

DISTRIBUTION. Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981] including Karelia [Hellén, 1939].

Aoplus ruficeps (Gravenhorst, 1829)

MATERIAL. 2♂♂, Karelia, *Kb* 6909: 421, Tolvoyarvi, Malaise trap, 22–30.VI.1999, leg. Humala.

DISTRIBUTION. Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981].

Baranisobas ridibundus (Gravenhorst, 1829)

MATERIAL. 1♀, Krasnodar Prov., Sochi, Lazarevskoe surroundings, forest along stream, 13.IX.1988, leg. Humala.

DISTRIBUTION. Palaearctic, known from Russia [Rasnitsyn & Siytan, 1981; Tereshkin, 2002].

Barichneumon chionomus (Wesmael, 1845)

MATERIAL. 1♂, Stavropol' Prov., Pyatigorsk surroundings, 900 m, 30.V.2002, leg. Osipov.

DISTRIBUTION. Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981].

Chasmias lugens (Gravenhorst, 1829)

MATERIAL. 2♀, Karelia, *Kon* 6906: 553, Nature reserve "Kivach", Malaise traps, 31.V–5.VI.1989 and 5–8.VI.1989, pine forest (*Cladonia* type), leg. Humala.

DISTRIBUTION. Palaearctic region, known from Russia [Woldstedt, 1878; Rasnitsyn & Siytan, 1981].

Chasmias motatorius (Fabricius, 1775)

MATERIAL. 1♀, Pskov Area, Kupuy surroundings, 30.VIII.2003, leg. Osipov.

DISTRIBUTION. Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981].

Cratichneumon culex (Müller, 1776)

MATERIAL. 1♀, Stavropol' Prov., Pyatigorsk surroundings, 700 m, 2–8.VI.2002, leg. Osipov.

DISTRIBUTION. Palaearctic, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981].

Cratichneumon sicarius (Gravenhorst, 1829)

MATERIAL. 1♂, Karelia, *Kk* 7314: 574, 2 km SW Gridino, Malaise trap, spruce forest, 4.VII-9.VIII.2007, leg. Humala; 2♀♀, —, *Kon* 6892: 615, "Kizhi skerries", Kizhi isl., 9.VIII.1996, leg. Polevoi.

DISTRIBUTION. Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981] including Karelia [Kerrich, 1939].

Cratichneumon viator (Scopoli, 1763)

MATERIAL. 6♂♂, Karelia, *Kon* 6908: 550, Nature reserve "Kivach", pine forest, 31.V–5.VI.1989, 5–8.VI.1989, 21.VI.2002, leg. Humala; 1♂, —, *Kb* 6909: 421, Tolvoyarvi, Malaise trap, 11–22.VI.1999, leg. Humala; 1♂, —, *Kon* "Kizhi skerries", 6886: 615, Zharnikovo surroundings, 8.VI.1995; 2♂♂, 6862: 615, Bol. Klimenetskiy isl. 14.VII.1997, leg. Humala; 1♂, —, *Kton* 6930: 648, Pyal'ma, 27.VI.1996, leg. Humala; 1♂, Karelia, *Kp* 6850: 750, Shchanikovo surroundings, shore of Koloda river, 23.VI.1996 leg. Humala.

DISTRIBUTION. Holarctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981] including Karelia [Woldstedt, 1874; Kerrich, 1939].

Crypteffigies lanius (Gravenhorst, 1829)

MATERIAL. 1♀, Karelia, *Kton* 6930: 648, Pyal'ma, 27.VI.1996, leg. Humala; 1♂, Stavropol' Prov., Pyatigorsk surroundings, 900 m, 6–9.VI.2002, leg. Osipov; 1♂, Rostov Area: Taganrog, 11.VI.2002, leg. Osipov.

DISTRIBUTION. Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981].

Ctenichneumon circulator (Thomson, 1894)

MATERIAL. 1♀, Karelia, *Kon* 6911: 553, Nature reserve "Kivach", pine forest (*Vaccinium myrtillus* type) 25.VII.2001, leg. Humala.

DISTRIBUTION. Western Palaearctic region, new for Russia.

Ctenichneumon devyldevi (Holmgren, 1871)

MATERIAL. 1♀, Krasnodar Prov., Armavir, 27.VIII.1987, leg. Osipov.

DISTRIBUTION. Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981].

Ctenichneumon edictorius (Linnaeus, 1758)

MATERIAL. 1♂, Karelia, *Kk* 7356: 526, Chupa bay, Bol'shoe Cherlivoe lake, meadow on sea shore, Malaise trap, 20–21.VIII.1998, leg. Humala.

DISTRIBUTION. Palaearctic region, known from Russia including Karelia [Woldstedt, 1874; Kerrich, 1939; Rasnitsyn & Siytan, 1981].

Ctenichneumon funereus (Geoffroy, 1785)

MATERIAL. 1♂, Karelia, *Kk* 7352: 540, Pezhostrov isl., 7.VIII.2006, leg. Humala.

DISTRIBUTION. Palaearctic and Oriental region, known from Russia [Meyer, 1933; Ranin, 1979; Rasnitsyn & Siytan, 1981].

Diphyus salicatorius (Gravenhorst, 1820)

syn. *Amblyteles indocilis* Wesmael, 1845 , synonymized by Horstmann [1998].

MATERIAL. 1♀, Tver' Area, 15–20.VII.1993, leg. Osipov.

DISTRIBUTION. Palaearctic, known from Russia as *A. indocilis* [Meyer, 1933; Rasnitsyn & Siytan, 1981].

Diphyus septemguttatus (Gravenhorst, 1829)

MATERIAL. 1♂, Karelia, *Kton* 6943:725, Shoykapolda river, 22.VIII.2006, leg. Humala.

DISTRIBUTION. Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981] including Karelia [Ranin, 1979].

Diphyus palliatorius (Gravenhorst, 1829)

MATERIAL. 3 ♀♀, Karelia, *Kon* 6908: 551, Nature reserve "Kivach", 23.V.1991 sweep netting, spruce forest; 28.V.1991, 5.VI.1991, leg. Humala.

DISTRIBUTION. Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981] including Karelia [Woldstedt, 1874].

Diphyus trifasciatus (Gravenhorst, 1829)

MATERIAL. 2♂, Karelia, *Kol* 6792: 639, Vepsskaya volost', Kaskesruchey surroundings, 20.VII.2004, leg. Humala.

DISTRIBUTION. Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981].

Eupalamus wesmaeli Thomson, 1886

MATERIAL. 1♀, Karelia, *Kon* 6907: 551, Nature reserve "Kivach", light trap, 11–15.X.1990, leg. Kutenkova; 1♂, 6911: 553, Malaise trap, pine forest (*Vaccinium vitis-idaea* type), 5–8.VII.1991, leg. Humala.

DISTRIBUTION. Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981].

Eutanyacra crispatoria (Linnaeus, 1758)

MATERIAL. 1♂, Karelia, *Kton* 6943: 725, Shoykapolda river, 22.VIII.2006, leg. Humala.

DISTRIBUTION. Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981].

Eutanyacra glaucatoria (Fabricius, 1793)

MATERIAL. 1♀, Karelia, *Kpoc* 7206: 601, Russkiy Kuzov isl., 19.VII.2001, leg. Humala; 1♀, Stavropol' Prov., Pyatigorsk surroundings, 900 m, 6–9.VI.2002, leg. Osipov; 1♀, Krasnodar Prov., Tuapse, 22.VIII.1996, leg. Osipov.

DISTRIBUTION. Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981].

Eutanyacra picta (Schrank, 1776)

MATERIAL. 1♂, Republic of Kalmykia: Chernozemel'skiy, 4.VI.1982, leg. Osipov; 1♂, surroundings of El'ton salt lake, 18–23.V.2001, leg. Karalius and Miatlenski.

DISTRIBUTION. Palaearctic, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981].

Exephanes venustus (Tischbein, 1876)

syn. *Exephanes caelebs* Kriechbaumer, 1890, synonymized by Hinz & Horstmann [2000].

MATERIAL. 1 ♀, Karelia, *Kb* 6909: 421, Tolvoyarvi, Malaise trap, 28.VII–5.VIII.1999, leg. Humala; 1♂, —, *Kl* 6854: 387, 3 km NW Rautalahti, 14.VIII.2008, leg. Humala.

DISTRIBUTION. Palaearctic region, known from Russia as *E. caelebs* [Rasnitsyn & Siytan, 1981].

Gareila tenebrosa (Wesmael, 1845)

MATERIAL. 1♂, Karelia, *Kb* 6909: 421, Tolvoyarvi, Malaise trap, 11–22.VI.1999, leg. Humala.

DISTRIBUTION. Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981] including Karelia [Ranin, 1981b].

Homotherus magus (Wesmael, 1855)

MATERIAL. 1♀, Republic of Mordovia, Simkino, 10–12.VI.1989, leg. Osipov.

DISTRIBUTION. Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981].

Homotherus varipes (Gravenhorst, 1829)

MATERIAL. 2♂♂, Karelia, *Kon* 6862: 615, "Kizhi skerries", South of Bol'shoy Klimenetskiy isl., 14.VII.1997, leg. Humala; 1♂, —, *Kpoc* 7203: 350, National park "Kaleval'skiy", Hoikka lake, 9.VII.1996, leg. Humala; 1♂, —, *Kon* 6909: 551, Nature reserve "Kivach", window trap, 19.VII–10.IX.1996, leg. Humala.

DISTRIBUTION. Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981].

Hoplismenus bidentatus (Gmelin, 1790)

MATERIAL. 1♀, Krasnodar Prov., Sochi, Lazarevskoe surroundings, forest along stream, 13.VI.1987; 1♂, same label, 13.VII.1987, leg. Humala.

DISTRIBUTION. Western Palaearctic region, known from Russia [Hellén, 1936; Rasnitsyn & Siytan, 1981].

Hybophorellus injucundus (Wesmael, 1854)

MATERIAL. 1♂, Karelia, *Kpoc* 7153: 587, Belomorsk surroundings, Shizhnya, 25.VII.2001, leg. Humala.

DISTRIBUTION. Western Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981] including Karelia [Hellén, 1951].

Ichneumon balteatus Wesmael, 1845

MATERIAL. 2♂♂, Karelia, *Kon* 6888: 621, "Kizhi skerries", Kurgenitsy surroundings, 19.VII.2000, leg. Humala; 1♂, —, *Kl* 6854: 387, 3 km NW Rautalahti, 14.VIII.2008, leg. Humala; 1♂, —, *Kl* 6846: 403, 5 km N Impilahti, 16.VIII.2008, leg. Humala.

DISTRIBUTION. Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981].

Ichneumon bucculentus Wesmael, 1845

MATERIAL. 1♀, Karelia, *Kl* 6835: 336, Iso-Iiyarvi lake, 5.VII.2005, leg. Humala; 4♀, Moscow Area, Vel'yaminovo, 2.X.2005, leg. Osipov; 2♀♀, Moscow Area, Klimovsk surroundings, 27.VIII.2004, leg. Osipov.

DISTRIBUTION. Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981].

Ichneumon cessator Müller, 1776

MATERIAL. 1♀, Karelia, *Kol* 6855: 573, Petrozavodsk, 7.VII.2001, leg. Humala; 1♀, —, *Kk*: 12 km SE Poyakonda, 3–7.VII.1981, leg. Osipov.

DISTRIBUTION. Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981].

Ichneumon confusor Gravenhorst, 1820

MATERIAL. 1♀, Pskov Area: Kupuy surroundings, 30.VIII.2003, leg. Osipov; 3♀, Moscow Area, Vel'yaminovo, 2.X.2003, leg. Osipov.

DISTRIBUTION. Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981].

Ichneumon crassifemur Thomson, 1886

MATERIAL. 3♀, Moscow Area: Vel'yaminovo, 2.X.2005, leg. Osipov.

DISTRIBUTION. Palaearctic region, known from Russia [Roman, 1927; Rasnitsyn & Siytan, 1981].

Ichneumon delator Wesmael, 1845

MATERIAL. 1♂, Karelia, *Kk* 7314: 574, 2 km SW Gridino, Malaise trap, 4.VII–9.VIII.2007, leg. Humala.

DISTRIBUTION. Western Palaearctic region, new for Russia.

Ichneumon extensorius Linnaeus, 1758

MATERIAL. 1♀, Karelia, *Kl* Puikkola surroundings, window trap on *Fomes fomentarius*, 17.VI–26.VII.1991, leg. Humala; 1♂, —, *Kl* 6854: 387, 3 km NW Rautalahti, 14.VIII.2008, leg. Humala.

DISTRIBUTION. Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981] including Karelia [Kerrich, 1939].

Ichneumon formosus var. *microcephalus* Stephens, 1835

MATERIAL. 4♀♀, Karelia, *Kl* Puikkola surroundings, window traps on *Fomes fomentarius*, 15.V–16.VI.1991, leg. Humala; 1♀, —, *Kon* 6909: 550, Nature reserve "Kivach", Malaise trap, spruce forest, 29.V–5.VI.1991, leg. Humala.

DISTRIBUTION. Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981].

Ichneumon gibbulus Thomson, 1886

MATERIAL. 1♀, Karelia, *Kk* 7316: 575, Gridino 2 km N, 14.VII.2007, leg. Humala; 1♀, Moscow Area, Vel'yaminovo, 1987, leg. Osipov.

DISTRIBUTION. Western Palaearctic region, known from Russia [Ranin, 1981a; Rasnitsyn & Siytan, 1981].

Ichneumon gracilentus Wesmael, 1845

MATERIAL. 4♀♀, Karelia, *Kon* 6906: 553, Nature reserve "Kivach", 25–29.V.1989, 20–22.VI.1989, 24.IX.1992, leg. Humala; 1♀, —, *Kk* 7309:573, 5 km S Gridino, 4.VIII.2007, leg. Humala; 2♀♀, —, *Kl*: Puikkola surroundings, window trap on *Fomes fomentarius*, 15.V–16.VI.1991; 4♀♀, same label, 22.VIII–29.IX.1991, leg. Humala; 2♀♀, —, *Kol* 6848: 540, Matrosy surroundings, 17.IX.1997, leg. Humala; 1♀, —, *Kon* 6928: 535, 1 km S Girvas, 11.VI.2000, leg. Humala; 1♀, —, *Kol* 6843: 527, 4 km SE Kindasovo, window trap, 28.V–9.VII.1996, leg. Humala; 2♂♂, —, *Kb* 6909: 421, Tolvoyarvi, Malaise trap, 15–20.VII.1999, 26.VIII-2.IX.1999, leg. Humala; 1♀,

—, *Kpoc* Kaleval'skiy National park, 2.VIII–2.X.1997, leg. Humala; 1♀, Tver' Area, 20.VIII.1990, leg. Osipov.

DISTRIBUTION. Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981] including Karelia [Kerrich, 1939].

Ichneumon grandicornis Thomson, 1886

MATERIAL. 1♀, Pskov Area, Kukuy surroundings, 30.VIII.2003, leg. Osipov.

DISTRIBUTION. Palaearctic region, known from Sweden, Finland and Russia (Siberia) [Heinrich, 1978].

Ichneumon ignobilis Wesmael, 1855

MATERIAL. 3♀♀, Murmansk Area *Lps* 7677: 351, Pasvik Nature Reserve, Varlam isl., Malaise trap, pine forest, 3.VIII–10.X.2007, leg. Humala.

DISTRIBUTION. Western Palaearctic region, known from Russia [Ranin, 1979; Rasnitsyn & Siytan, 1981].

Ichneumon ingratus (Hellén, 1951)

MATERIAL. 2♀♀, Karelia, *Kon* 6908: 551, Nature reserve "Kivach", window trap, 30.V–28.VI.1991, leg. Humala; 1♀, —, *Kol* 6848: 540, Matrosy surroundings, 17.IX.1997, leg. Humala; 1♀, Murmansk Area *Lps* 7677: 351, Pasvik Nature Reserve, Varlam isl., Malaise trap, pine forest, 3.VIII-10.X.2007, leg. Humala.

DISTRIBUTION. Western Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981].

Ichneumon ligatorius Thunberg, 1824

MATERIAL. 1♀, Arkhangel'sk, 19.VIII.1994, leg. Osipov.

DISTRIBUTION. Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981].

Ichneumon oblongus Schrank, 1802

syn. *Ichneumon latrator* auct. nec Fabricius, see Horstmann [2001].

MATERIAL. 1♂, Murmansk Area *Lps* 7677: 351, Pasvik Nature Reserve, Varlam isl., Malaise trap, pine forest, 3.VIII–10.X.2007, leg. Humala.

DISTRIBUTION. Palaearctic region, known from Russia as *I. latrator* [Meyer, 1933; Rasnitsyn & Siytan, 1981].

Ichneumon primatorius Forster, 1771

MATERIAL. 1♀, Tver' Area, near Peno, 23.VI.1990, leg. Osipov.

DISTRIBUTION. Palaearctic region, known from Russia [Woldstedt, 1881; Rasnitsyn & Siytan, 1981].

Ichneumon proletarius Wesmael, 1848

MATERIAL. 1♂, Krasnodar Prov., Sochi, Lazarevskoe surroundings, 17.VIII.1988, leg. Humala.

DISTRIBUTION. Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981].

Ichneumon sarcitorius Linnaeus, 1758

MATERIAL. 2♂♂, Krasnodar Prov., Sochi, Lazarevskoe surroundings, 30.VI.1987, 1.VII.1987, leg. Humala; 1♀, Krasnodar Prov., Tuapse, 6.VIII.1995, leg. Berlov.

DISTRIBUTION. Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981].

Ichneumon simulans Tischbein, 1873

MATERIAL. 2♀♀, Moscow Area: Vel'yaminovo surroundings, 2002, leg. Osipov.

DISTRIBUTION. Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981].

Ichneumon suspiciosus Wesmael, 1845

MATERIAL. 1♀, Karelia, *Kpoc* 7206: 601, Russkiy Kuzov isl., 19.VII.2001, leg. Humala; 1♀, —, *Kl* Puikkola surroundings, window trap on *Fomes fomentarius*, 22.VIII–29.IX.1991, leg. Humala; 15♀, Pskov Area, Kukuy surroundings, 30.VIII.2003, leg. Osipov; 4♀, Moscow Area, Klimovsk surroundings, 27.VIII.2004, leg. Osipov; 1♀, Stavropol' Prov., Pyatigorsk surroundings, 900 m, 6–9.VI.2002, leg. Osipov.

DISTRIBUTION. Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981].

Ichneumon stigmatorius Zetterstedt, 1838

MATERIAL. 1♂, Murmansk Area *Lps* 7677: 352, Pasvik Nature Reserve, Varlam isl., Malaise trap, pine forest, 3.VIII-10.X.2007, leg. Humala.

DISTRIBUTION. Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981].

Ichneumon tuberculipes Wesmael, 1848

MATERIAL. 2♀♀, Karelia, *Kl* Puikkola surroundings, window trap on *Fomes fomentarius*, 17.VI–26.VII.1991, leg. Humala; 1♀, —, *Kon* 6911: 553, Nature reserve "Kivach", Malaise trap, pine forest (*Vaccinium myrtillus* type), 6–10.VI.1991, leg. Humala.

DISTRIBUTION. Palaearctic region, known from Russia [Meyer, 1933, Rasnitsyn & Siytan, 1981].

Ichneumon veressi Kiss, 1915

MATERIAL. 2♂♂, Krasnodar Prov., Tikhoretsk Distr., st. Alekseevskaya, 21.VIII.1987, 23.VIII.1987, leg. Humala.

DISTRIBUTION. Western Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981].

Limerodops elongatus (Brischke, 1865)

MATERIAL. 1♂, Karelia, *Kon* 6892: 615, "Kizhi skerries", Kizhi isl., 9.VIII.1996, leg. Polevoi; 1♀, —, *Kk* 7315: 576, Gridino surroundings, 9.VIII.2006, leg. Humala; 1♂, Tver' Area: Staritsa surroundings, 1.VII.1998, leg. Osipov; 1♀, Nizhniy Novgorod Area, Balakhna, 7.VII.1990, leg. Osipov.

DISTRIBUTION. Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981], reported from Karelia [Ranin, 1979].

Patrocloides dubitatorius (Sulzer, 1776)

syn. *Ichneumon chalybeatus* Gravenhorst, 1829, synonymized by Horstmann [1998].

MATERIAL. 1♀, Karelia, *Kon* 6908: 551, Nature reserve "Kivach", 21.VII.2003, leg. Humala.

DISTRIBUTION. Palaearctic region, known from Russia as *P. chalybeatus* [Rasnitsyn & Siytan, 1981] including Karelia [Ranin, 1981a].

Probolus culpatorius (Linnaeus, 1758)

MATERIAL. 1♀, Karelia, *Kol* Petrozavodsk 6855: 573, 21.VI.2006, leg. Humala.

DISTRIBUTION. Widespread in the Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981], reported from Karelia [Ranin, 1979].

Spilichneumon ammonius (Gravenhorst, 1820)

MATERIAL. 1♀, Karelia, *Kon* 6911: 553, Nature reserve "Kivach", 5.VII.2001, leg. Humala.

DISTRIBUTION. Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981] including Karelia [Hellén, 1951].

Spilichneumon limnophilus (Thomson, 1888)

MATERIAL. 1♀, Tver' Area, 15–20.VII.1993, leg. Osipov.

DISTRIBUTION. Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981].

Spilothyrateles nuptatorius (Fabricius, 1793)

MATERIAL. 1♀, Karelia, *Kol* 6782: 469, 5 km SE Vidlitsa, Ladoga shore, 29.VII.1994, leg. Humala; 1♀, Republic of Kalmykia,

Godzhur surroundings, 14–16.VI.2001, leg. Karalius and Miatlenski.

DISTRIBUTION. Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981].

Spilothyrateles punctus (Gravenhorst, 1829)

MATERIAL. 1♂, Karelia, *Kk* 7309: 573, 5 km S Gridino, 4.VIII.2007, leg. Humala; 1♂, Murmansk Area *Lps* 7677: 352, Pasvik Nature Reserve, Varlam isl., Malaise trap, pine forest, 3.VIII–10.X.2007, leg. Humala.

DISTRIBUTION. Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981].

Stenichneumon culpator (Schrank, 1802)

MATERIAL. 1♂, Krasnodar Prov., Sochi, Lazarevskoe surroundings, 16. IX.1988, leg. Humala; 1♀, Tver' Area, 10–20.IX.1989, leg. Osipov; 3♀, Moscow Area , Vel'yaminovo surroundings, 2.X.2005, leg. Osipov.

DISTRIBUTION. Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981].

Stenichneumon militarius (Thunberg, 1824)

MATERIAL. 1♀, Karelia, *Kon* Nature reserve "Kivach", 25–27.VI.1989; 1♂, same label, 7–11.VII.1989; 1♂, same label, 14–18.VII.1989; 1♀, same label, 29.V–5.VI.1991, 1♀, —, *Kton* 6943: 723 Lambuda lake surroundings, 23.VIII.2006, leg. Humala; 1♂, Leningrad Area, *Kol*, Nizhnesvirskiy Nature reserve, 9.VII.1992, leg. Humala.

DISTRIBUTION. Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981] including Karelia [Woldstedt, 1874; Krogerus, 1938].

Stenobarichneumon basiglyptus (Kriechbaumer, 1890)

MATERIAL. 1♂, Karelia, *Kk* 7314: 574, 2 km SW Gridino, Malaise trap, spruce forest, 4.VII–9.VIII.2007, leg. Humala; 1♂, —, *Kb* 6909: 421, Tolvoyarvi, Malaise trap, 22–30.VI.1999, leg. Humala.

DISTRIBUTION. Palaearctic region, known from Russia [Roman, 1927; Rasnitsyn & Siytan, 1981] including Karelia [Krogerus, 1938].

Virgichneumon albilineatus (Gravenhorst, 1820)

MATERIAL. 1♂, Karelia, *Kon* 6910: 552, Nature reserve "Kivach", pine forest, 25.VI.1992, leg. Humala.

DISTRIBUTION. Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981].

Virgichneumon albosignatus (Gravenhorst, 1829)

MATERIAL. 1♂, Karelia, *Kon* 6888: 616, Bol. Klimenetskiy isl., Malaise trap, 5–7.VI.1995, leg. Humala.

DISTRIBUTION. Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981] including Karelia [Hellén, 1936].

Virgichneumon digrammus (Gravenhorst, 1820)

MATERIAL. 1♂, Krasnodar Prov., Sochi, Lazarevskoe surroundings, Soloniki, 28.VI.1987, leg. Humala; 1♀, Stavropol' Prov., Pyatigorsk surroundings, 700m, 2–8.VI.2002, leg. Osipov.

DISTRIBUTION. Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981].

Virgichneumon faunus (Gravenhorst, 1829)

MATERIAL. 1♂, Karelia, *Kb* 6909: 421, Tolvoyarvi, Malaise trap, 15–22.VII.1999, leg. Humala; 1♀, Krasnodar Prov., Sochi, Lazarevskoe surroundings, forest along stream, 10.IX.1988, leg. Humala.

DISTRIBUTION. Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981] including Karelia [Ranin, 1979].

Virgichneumon krapinensis (Schmiedeknecht, 1928)

MATERIAL. 2♂♂, Karelia, *Kon* 6908: 551, Nature reserve "Kivach", Malaise trap, 8–11.VI.1989, aspen forest, leg. Humala.

DISTRIBUTION. Western Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981].

Virgichneumon tergenus (Gravenhorst, 1820)

MATERIAL. 1♀, Krasnodar Prov., Sochi, Lazarevskoe surroundings, forest along stream, 13.IX.1988, leg. Humala.

DISTRIBUTION. Western Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981].

Vulgichneumon bimaculatus (Schrank, 1776)

MATERIAL. 1♂, Karelia, *Kp* 6855: 750, 5 km S Shchanikovo, shore of Koloda river, 23.VI.1996, leg. Humala; 1♀, Krasnodar Prov., Sochi, Lazarevskoe surroundings, forest along stream, 25.VIII.1988, leg. Humala.

DISTRIBUTION. Palaearctic region, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981].

Vulgichneumon deceptor (Scopoli, 1763)

MATERIAL. 1♂, Krasnodar Prov., Sochi, Lazarevskoe surroundings, forest along stream, 13.VII.1987, leg. Humala.

DISTRIBUTION. Palaearctic region, known from Russia [Rasnitsyn & Siytan, 1981].

Vulgichneumon saturatorius (Linnaeus, 1758)

MATERIAL. 1♂, Karelia, *Kon* 6908: 551, Nature reserve "Kivach", central settlement, 2.VIII.2003, leg. Humala; 1♂, —, *Kol* 6855: 573, Petrozavodsk, park, 18.VII.1995, leg. Humala; 1♀, Karelia, *Kk* 7315: 576, Gridino surroundings; 2♂♂, same label, 9.VIII.2006, leg. Humala.

DISTRIBUTION. Palaearctic and Oriental regions, known from Russia [Meyer, 1933; Rasnitsyn & Siytan, 1981] including Karelia [Kerrich, 1939].

Description of new species

Platylabus karelicus Riedel **sp. n.**

MATERIAL. Holotype: ♀. Original label: КАРЕЛИЯ *Kon*: Заповедник «Кивач», кошение, 9 VI 1992, Хумала. Nature reserve "Kivach", sweep netting, 9.VI.1992, Humala leg. (Coll. Riedel)

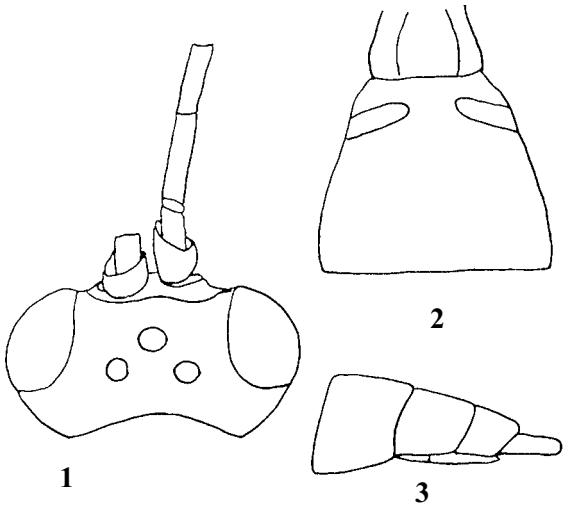
The author of this new species is Matthias Riedel, the type is stored in his private collection.

DESCRIPTION. Female: body length 7 mm.

Flagellum: bristleshaped, slender, slightly broadened beyond middle, with 33 segments, first flagellomere (without annellus) 4.4 times, the second 3.3 times as long as wide, together 0.95 times as long as the eyes, widest segments about square.

Head: Temple profile distinctly narrowed and slightly curved (Fig. 1). Ocelli small, diameter of the lateral ones about 0.7 as long as the distance to compound eyes. Frons finely rugulose, more or less shining, face densely rugose-punctate, matte, clypeus moderately convex, with fine, dense punctation. Genae in lateral view 0.75 times as wide as the compound eyes. Malar space about as long as the width of mandibular base. Hypostomal carinae moderately elevated, about as wide as the last segment of maxillary palps.

Mesosoma: densely covered with whitish hairs. Notauli not impressed, mesoscutum with dense punctation and fine granulation, but more or less shining. Mesopleurum including speculum and metapleurum densely punctate, in part also finely rugose. Epicnemium not elevated. Coxal carina present. Praescutellar groove large and strongly shining. Scutellum a little wider than long, with small and very scattered punctures, with lateral carinae almost to the tip. Spiracles of



Figs 1–3. *Platylabus karelicus* **sp.n.**: 1 — head; 2 — second tergite; 3 — metasomal apex; 1–2 — dorsal view; 3 — lateral view.

Рис. 1–3. *Platylabus karelicus* **sp.n.** : 1 — голова; 2 — второй тергит; 3 — вершина метасомы; 1–2 — сверху; 3 — сбоку.

propodeum 2.5 times as long as wide. Area superomedia about 2 times as wide as long, finely rugulose, costulae lacking. Area petiolaris with fine oblique aciculation.

Wings: Areolet rhombic, intercubiti meeting at front, nervulus almost interstitial, nervellus reclivous, discoidella present, meeting the nervellus at its apical 0.25.

Legs: Coxae with dense punctation and granulation, covered with long whitish hairs, coxa III without scopa. Femora III about 3.8 times as long as high, metatarsus III about 0.43 times as long as tibia III and about 1.2 times as long the segments 2–4 of tarsus III together. Apical segments of tarsi not elongate, with moderately large claws, that are without denticles.

Metasoma: Postpetiolus moderately widened, about 0.73 times as wide as the distance of the dentiparal corners of propodeum, its median field finely rugulose, without dorsal carinae. Second tergite about 0.82 times as long as wide, gastrocoeli slightly impressed, thyridiae oblique, about 1.2 times as wide as their interval, the interval smaller than the median field of postpetiolus (Fig. 2). Second tergite with dense but shallow punctation and dense granulation, more or less matte, third tergite granulated, matte, the following tergites more or less shining. Hypopygium long, ovipositor distinctly projecting behind the metasoma (Fig. 3).

Colour: black. Flagellum yellow, with a white stripe on flagellomeres 8–12. Clypeus and propodeum with some dark reddish tint. Yellow: palps, mandible base, narrow stripes of frontal and outer orbits, malar space at the base of mandibles, small spot at hind edge of pronotum, tegulae, small mark at tip of scutellum, and pterostigma. Coxae and trochanters reddish, legs otherwise yellow, tibiae III in the apical third somewhat darkened. Petiolus brown, metasoma otherwise reddish.

Male unknown.

TAXONOMIC REMARKS. In the recent key of *Platylabus* [Riedel, 2008a] the new species runs to *Platylabus rufus* Wesmael, 1845 and *Platylabus cabrerai* Berthoumieu, 1903 due to its reddish tint of propodeum, but differs by its yellow coloration of pterostigma and legs. From *Platylabus orbitalis* (Gravenhorst, 1829) it also differs by the almost completely reddish metasoma.

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