

Additions and corrections to the catalogue of Symphyta (Hymenoptera) for the European North of Russia

Дополнения и исправления к каталогу Symphyta (Hymenoptera) для Европейского Севера России

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КЛЮЧЕВЫЕ СЛОВА: список видов, пилильщики, рогохвосты, каталог, пропущенные данные, новые находки, Российская Фенноскандия.

ABSTRACT. A list of Symphyta species not recorded for the European North of Russia in the recently published Catalogue of Hymenoptera of Russia is given. In addition to species previously reported in various publications, the list also includes data from digitized collections of the Zoological Museum of the Helsinki University and data from the GBIF web-portal for this area. Information on new finds of Symphyta from recent years, made mainly in the territory of Karelia, is also published. A total of 145 species have been added to the Catalogue of Symphyta of the European North of Russia: seven species of Argidae, five species of Cimbicidae, eight species of Diprionidae, one species of Heptamelidae, 107 species of Tenthredinidae, seven species of Pamphiliidae, six species of Cephidae, two species of Siricidae and two species of Xiphydriidae. Six species of Symphyta are listed as new to the fauna of Russia, two species are reported for the first time for the European part of the country, and one species is also new to Fennoscandia.

РЕЗЮМЕ. Приводится список видов сидяче-брюхих перепончатокрылых, не указанных для Европейского Севера России в недавно опубликованном Каталоге перепончатокрылых насекомых России. Помимо видов приведенных ранее в различных печатных изданиях в список также включены данные оцифрованных коллекций Зоологического музея Хельсинкского университета и данные с интернет-портала GBIF для этой территории. Публикуется также информация о новых находках Symphyta последних лет, сделанных в основном на территории Карелии. Всего для Каталога сидячебрюхих по Европейскому Северу России добавлено 145 видов: 7 видов Argidae, 5 видов Cimbicidae, 8 видов Diprionidae,

1 вид Heptamelidae, 107 видов Tenthredinidae, 7 видов Pamphiliidae, 6 видов Cephidae, 2 вида Siricidae и 2 вида Xiphydriidae. Впервые указаны для фауны России 6 видов Symphyta, для европейской части страны впервые приводится 2 вида, и 1 вид также является новым для Фенноскандии.

Introduction

In 2017–2019, the Annotated Catalogue of the Hymenoptera of Russia (hereinafter referred to as the Catalogue) was published, which was a significant step forward in the knowledge of the fauna of one of the largest insect orders taking into account the vast territory of our country. It was the first attempt to unify the available data on the basis of modern taxonomy.

However, the lack of experts in some groups of Hymenoptera did not allow this work to be carried out at a proper level. Therefore, it turned out to be somewhat unbalanced, and the data treatment for a number of groups resulted in unfortunate omissions. The first volume of the Catalogue includes a list of sawflies and wood wasps [Sundukov, 2017], compiled on the basis of a check-list of the fauna of Russia and adjacent territories [Zhelochovtsev, Zinovjev, 1995, 1996]. Unfortunately, there is currently no good taxonomist specializing in Symphyta in Russia. As a consequence, the part of the Catalogue devoted to this group was not prepared well enough, which in no way detracts from the really great work done. In particular, many species reported from the European North of Russia in various publications by mainly Finnish authors were overlooked and not included in the checklist of Russian Symphyta, as many such articles were written in Finnish, often using Finnish or Swedish names of localities in Russian Karelia. The

most striking example of this is the omission of a review of the Eastern Fennoscandian Symphyta [Kontuniemi, 1965].

The usual practice in similar studies is to periodically update the information presented there in the form of additions and corrections of errors [Proshchalykin *et al.*, 2023]. Despite the fact that in recent years the mass application of molecular methods in the study of Symphyta has begun, which will undoubtedly entail revision of the boundaries of many taxa and establish new synonymy of a number of species, especially within the subfamily Nematinae, it seems that the publication of such an article with additions and corrections to the Catalogue will be useful at some stage. This article does not consider the whole territory of Russia, as it is beyond the author's competence, and is limited to the European North, including the Republic of Karelia and some adjacent territories, marked with "N" (North) in the geoscheme presented in the Catalogue [Belokobylskij *et al.*, 2017].

In recent years, many museums have been digitizing their collections and making this data publicly available. One such museum is the Zoological Museum of the Helsinki University (LUOMUS), whose collections contain numerous materials from the territory of present-day Karelia, Leningrad and Murmansk Areas collected by Finnish entomologists in the 19th and 20th centuries. Most of these materials have been taxonomically treated, digitized and uploaded to the FinBIF portal (laji.fi) — the museum website that provides open access to data repository for researchers, government and the public. While some of this data has already been published in various journals, a new body of previously unpublished information has only recently become available.

The present article is intended to fill the mentioned gaps in the Catalogue and also to publish a number of new records of Symphyta species from the European North of Russia, mainly from the Republic of Karelia. Some recent nomenclatural and taxonomic changes not reflected in the Catalogue are also taken into account here.

Material and methods

Here is a list of Symphyta species of European North of Russia that were not reported in this Catalogue. Most of these species were added as a result of treatment of various publications as well as some electronic resources (LAJI, GBIF). Some doubtful records or notes of species with unclear synonymy were not included. The original material was collected in Karelia, with minor additions from Murmansk and Arkhangelsk Areas by netting, light-weight Malaise traps (MT) and yellow pan traps (YPT). If it is not mentioned otherwise, the material for the present study was collected by the author, A.E. Humala and is stored in the collections of the Forest Research Institute, Karelian RC RAS (Petrozavodsk).

All taxa are given according to the recent Annotated Catalogue of Symphyta of Russia [Sundukov, 2017]; species are listed in alphabetic order.

The 'DISTRIBUTION' section lists all available previously published indications of finds from the Eu-

ropean North of Russia, with the notes of biogeographic provinces of East Fennoscandia according to Heikinheimo & Raatikainen [1971]. Since many Finnish literature sources and databases use old Finnish place names for the territory of Russian Fennoscandia, which makes their application difficult, modern Russian names are used here; their correspondence is given in the table below (Table 1).

List of species

The species missed in the Annotated Catalogue of the Hymenoptera of Russia [Sundukov, 2017] are marked with an asterisk (*).

Family ARGIDAE

Arge enodis (Linnaeus, 1767)

DISTRIBUTION. *Kol*: Vedlozero [Kontuniemi, 1965]; *Kl*: Sortavala [Taeger *et al.*, 2006; FinBIF, 2024a].

Arge expansa (Klug, 1834)

A. fuscinervis Lindqvist, 1974

DISTRIBUTION. *Kol*: Petrozavodsk [Lindqvist, 1973]; *Ks*: Salla [FinBIF, 2024b].

Arge pullata (Zaddach, 1859)

DISTRIBUTION. *Kol*: Ulvany; *Kon*: Konchezero [Kontuniemi, 1965].

Spinarge metallica (Klug, 1834)

Arge metallica (Klug, 1834)

MATERIAL. *Kol*: Gizhino, 5.07.2008, 1♀; *Kon*: Kizhsky Reserve, Pachostrov Is., 29.06.2017, 1♀; Dolgiy Is., 4.07.2017, 1♀; Severny Oleniy Is., 5.07.2017, 1♀; Yuzhny Oleniy Is., 5.07.2017, 1♀; Vatnavolok Peninsula, Sukhoi Is., 6.07.2017, 1♀ 1♂; Ar'koila, 23.07.2019, 1♀.

DISTRIBUTION. *Kol*: Pryazha; *Kon*: Yalguba [Kontuniemi, 1965], Kivach Nature Reserve [Humala, 2006].

Aprosthemina intermedium (Zaddach, 1864)

A. hyalinopterum Conde, 1934

MATERIAL. *Kon*: Kizhsky Reserve, Bukol'nikov Is., 25.06.2003, 1♂.

REMARK. Reported for Karelia as *A. hyalinopterum* [Humala, Polevoi, 2015].

Aprosthemina tardum (Klug, 1814)

DISTRIBUTION. The species was listed for Karelia [Zhelechovtsev, 1988; Taeger *et al.*, 2006].

Sterictiphora geminata (Gmelin, 1790)

MATERIAL. *Kon*: Kizhsky Reserve, Sukhoi Is., 6.07.2017, 1♀.

Family CIMBICIDAE

Abia candens Konow, 1887

DISTRIBUTION. *Kl*: Sortavala, Ruskeala, Suistamo, Soanlahti; *Kol*: Kolatsel'ga, Petrozavodsk, Sheltozero; *Kon*: Yalguba, Konchezero, Munozero, Martsialnye Vody, Kosmozero, Velikaya Niva, Tivdiya, Medvezh'egorsk [Kangas, 1946; Kontuniemi, 1965].

Table 1. Correspondence of Finnish and Russian names of settlements in Russian Fennoscandia with notes of biogeographical provinces.
Таблица 1. Соответствие финских и русских названий населенных пунктов в Российской Фенноскандии с указанием биогеографических названий.

Biogeographical provinces and their abbreviations	Abbreviated name of locality [Kontuniemi, 1965]	Finnish name	Russian name
<i>Karelia ladogensis</i> — K _l (LK)	...	Valamo	Валаам
<i>Karelia olonetsensis</i> — K _o (AK)	A	Aunus	Олонец
	...	Teru	Пряжа
	...	Yllönen	Ульваны
	Kk _a	Kolatselkä	Колатсельга
	...	Tulemajärvi	Колатсельга
	Svi	Soutjärvi	Шелтозеро
	Uk _a	Uusiselkä	Ужесельга
	Tja	Tervasoja	Деревянное
	Vle	Vitele	Видлица
	...	Äänislinna	Петрозаводск
	Poi	Petroskoi	Петрозаводск
	...	Suurmäki	Большие Горы
	...	Säntämä	Сяндеба
	...	Vielijärvi	Ведлозеро
	<i>Karelia onegensis</i> — K _o n (ÄK)	...	Mäkriä
...		Alavoinen	Ильинский
Kvi		Kenjärvi	Кончезеро
J		Jallahti	Ялгуба
Mvi		Munjärvi	Мунозеро
...		Dvoretz	Марциальные Воды
...		V.niva	Великая Нива
T		Tiutia	Тивдия
Kki		Karhumäki	Медвежьегорск
...		Kiisi	Кижы
Uki		Uksjärvi	Царевичи
...		Tulvoja	Толвуйа
...		Kontupohja	Кондопога
...		Ahvenjärvi	Остерозеро
...		Lumbusi	Лумбуши
...	Maaselkä	Масельгская	
...	Sunku	Шуньга	
Sri	Suisaari	Суйсарь	
<i>Karelia borealis</i> — K _b (PK)	...	Suojärvi	Суоярви
<i>Karelia pomorica occidentalis</i> — K _{poc} (LV)	...	Uhtua	Калевала
<i>Regio kuusamoensis</i> — K _s (KS)	...	Paanajärvi	Паанаярви
<i>Laponia imandrae</i> — L _{im} (ImL)	...	Kannanlahti	Кандалакша
	...	Hiipinä	Хибины
	...	Bjaloguba	Белая Губа
<i>Laponia petsamoensis</i> — L _{ps} (PsL)	...	Petsamo	Печенга
	...	Pummanki	Земляное
<i>Laponia tulomensis</i> — L _t (TL)	Ka	Kola	Кола
<i>Laponia varsugae</i> — L _v (VL)	...	Kuzomen	Кузомень
<i>Laponia ponogensis</i> — L _p (PoL)	...	Ponoj	Поной

Abia nitens (Linnaeus, 1758)*Abia sericea* (Linnaeus, 1767)DISTRIBUTION. *Kol*: Petrozavodsk [Kangas, 1946].***Praia taczanowskii*** Wankowicz, 1880DISTRIBUTION. *Kol*: Uzhesel'ga; *Lim*: Kandalaksha; *Lt*: Kola [Kontuniemi, 1965]; *Kon*: Kivach Nature Reserve [Kutenkova, 2011].****Trichiosoma kontuniemii*** Saarinen, 1950DISTRIBUTION. *Kl*: Impilahti [Saarinen, 1950].***Trichiosoma villosum*** (Motschulsky, 1860)MATERIAL. *Kl*: Mejeri surr., meadow, 12.06.2015, 1♀.Family **DIPRIONIDAE*****Gilpinia frutetorum*** (Fabricius, 1793)DISTRIBUTION. *Kol*: Petrozavodsk; *Lim*: Khibiny [Kontuniemi, 1965]; *Kon*: Kivach Nature Reserve [Humala, 2006; Kutenkova, 2011].***Gilpinia hercyniae*** (Hartig, 1837)MATERIAL. *Kton*: Vodlozersky National Park, Vyzhiga R., 1.08.2014, 1♀.DISTRIBUTION. *Kon*: Kivach Nature Reserve [Humala, 2006].***Gilpinia pallida*** (Klug, 1812)DISTRIBUTION. *Kol*: Olonets [Kontuniemi, 1965].***Gilpinia variegata*** (Hartig, 1834)DISTRIBUTION. *Kol*: Olonets, Petrozavodsk [Kontuniemi, 1965]; *Kon*: Kivach Nature Reserve [Humala, 2006].***Gilpinia virens*** (Klug, 1812)DISTRIBUTION. *Kon*: Kivach Nature Reserve [Humala, 2006].***Microdiprion fuscipennis*** (Forsius, 1911)DISTRIBUTION. *Kon*: Medvezh'egorsk [Kontuniemi, 1965].***Monoctenus juniperi*** (Linnaeus, 1758)MATERIAL. *Kol*: Lososinnoe, 29.05.2013, 1♀ 1♂.DISTRIBUTION. *Kol*, *Kon* [Kontuniemi, 1965].***Monoctenus obscuratus*** (Hartig, 1837)MATERIAL. *Kon*: Kizhsky Reserve, Pod'elniki, 18.06.1994, 1♂; Gomsel'ga, YPT, 3–7.06.2013, 1♀; Kizhsky Reserve, Shirokiy Navolok Peninsula, 28.06.2017, 1♂; Voynavolok Peninsula, 29.06.2017, 1♂.DISTRIBUTION. *Kol*: Kolatsel'ga; *Kon*: Yalguba, Tivdiya, Kizhi; *Lim*: Kandalaksha [Kontuniemi, 1965].

REMARK. New to the European part of Russia.

Family **HEPTAMELIDAE******Heptamelus viitasaarii*** Liston, Mutanen et Prous, 2022MATERIAL. *Kl*: Matkaselka, 13.07.2023, 1♀.REMARK. The species has recently been described from Finland, and also reported from Moscow [Liston *et al.*, 2022]; it is now reported for the first time for "N".Family **TENTHREDINIDAE**Subfamily **ALLANTINAE*****Allantus (Emphytus) cingillipes*** (Kontuniemi, 1947)DISTRIBUTION. *Kon*: Medvezh'egorsk [Kontuniemi, 1965].

REMARK. New to the European part of Russia.

Allantus (Emphytus) cingillum (Klug, 1818)DISTRIBUTION. *Kol*: Petrozavodsk, Sheltozero [Kontuniemi, 1965].***Allantus (Emphytus) truncatus*** (Klug, 1818)DISTRIBUTION. *Kol*, *Kon*, *Lim* [Kontuniemi, 1965]; *Kol*: Orzega [iNaturalist, 2024a].***Ametastegia (Protemphytus) pallipes*** (Spinola, 1808)DISTRIBUTION. *Kol*, *Kon* [Kontuniemi, 1965].***Ametastegia (Protemphytus) perla*** (Klug, 1818)DISTRIBUTION. *Kol*: Uzhesel'ga [Kontuniemi, 1965].***Empria candidata*** (Fallén, 1808)DISTRIBUTION. *Kol*: Pryazha; *Lim*: Kandalaksha [Kontuniemi, 1965]; *Kon*: Kivach Nature Reserve [Kutenkova, 2011]; *Lim*: Khibiny station [iBOL, 2024].***Empria immersa*** (Klug, 1818)DISTRIBUTION. *Kol*, *Kon*, *Kpoc*, *Lv*, *Lt* [Kontuniemi, 1965].***Empria longicornis*** (Thomson, 1871)DISTRIBUTION. *Kol*, *Kon* [Kontuniemi, 1965].***Empria pallimacula*** (Serville, 1823)*E. baltica* Conde, 1937DISTRIBUTION. *Kol*, *Kon* [Kontuniemi, 1965].***Empria pumila*** (Konow, 1896)DISTRIBUTION. *Kol*, *Kon* [Kontuniemi, 1965].***Empria sexpunctata*** (Serville, 1823)*Selandria klugii* Stephens, 1835DISTRIBUTION. *Kol*, *Kon* [Kontuniemi, 1965].***Eriocampa dorpatica*** Konow, 1887DISTRIBUTION. *Kol*: Pryazha; *Kon*: Konchezero [Kontuniemi, 1965]; *Kon*: Kivach Nature Reserve [Kutenkova, 2011]; *Kol*: Orzega [iNaturalist, 2024b].***Taxonus agrorum*** (Fallén, 1808)DISTRIBUTION. *Kol*, *Kon*, *Lim* [Kontuniemi, 1965]; *Kpoc*: Kostomuksha Nature Reserve, Akonlahti [FinBIF, 2024c].***Athalia ancilla ancilla*** Serville, 1823*A. glabricollis* Thomson, 1870DISTRIBUTION. *Kol*: Olonets, Vedlozero; *Kon*: Konchezero, Tolvuya [Kontuniemi, 1965; Zhelochovtsev, 1988]; *Kl*: Sortavala; *Kol*: Vidlitsa; *Kpoc*: Kalevala [GBIF, 2024b].

Athalia lugens (Klug, 1815)DISTRIBUTION. *Kol*: Orzega [iNaturalist, 2024c].Subfamily BLENNOCAMPINAE
(HETERARTHRIINAE)***Caliroa cerasi*** (Linnaeus, 1758)DISTRIBUTION. *Carelia rossica* [Kontuniemi, 1965]; *Kon*: Kondopoga [iNaturalist, 2024d].***Caliroa tremulae*** Chevin, 1974DISTRIBUTION. *Kl*: Impilahti; *Kol*: Uzhesel'ga [Viitasaari, 1981].***Claremontia alternipes*** (Klug, 1816)DISTRIBUTION. *Kol*: Petrozavodsk; *Kon*: Medvezh'egorsk, Kondopoga, Tsarevichi [Kontuniemi, 1965].***Claremontia uncta*** (Klug, 1816)*Selandria humeralis* Snellen van Vollenhoven, 1869
DISTRIBUTION. *Kol*: Petrozavodsk; *Kon*: Yalguba [Kontuniemi, 1965].***Fenusella nana*** (Klug, 1816)DISTRIBUTION. *Kl*: Sortavala; *Kol*: Olonets; *Kon*: Yalguba [Kontuniemi, 1965; Viramo, 1969].***Halidamia affinis*** (Fallén, 1807)DISTRIBUTION. *Kol*: Petrozavodsk [iNaturalist, 2024e].***Heterarthrus microcephalus*** (Klug, 1818)DISTRIBUTION. *Kol*: Petrozavodsk, Uzhesel'ga, Vedlozero; *Kon*: Yalguba, Konchezero [Kontuniemi, 1965; Viramo, 1969].***Heterarthrus ochropoda*** (Klug, 1818)DISTRIBUTION. *Kl*: Valaam; *Kol*: Petrozavodsk, Sheltozero, Kolatsel'ga; *Kon*: Yalguba, Medvezh'egorsk [Kontuniemi, 1965; Viramo, 1969]; *Kon*: Kivach Nature Reserve [Kutenkova, 2011].***Metallus albipes*** (Cameron, 1875)DISTRIBUTION. *Ks*: Paanajärvi [Viramo, 1969].***Metallus pumilus*** (Klug, 1816)DISTRIBUTION. *Kon*: Kivach Nature Reserve [Kutenkova, 2008, 2011]; *Kol*: Uzhesel'ga [Kontuniemi, 1965; Viramo, 1969].***Monophadnoides rubi*** (T.W. Harris, 1845)*Tenthredo geniculata* Hartig, 1837
DISTRIBUTION. *Kol*: Petrozavodsk, Sheltozero [Kontuniemi, 1965].***Monophadnus monticola*** (Hartig, 1837)DISTRIBUTION. *Kol*: Petrozavodsk; *Kon*: Yalguba, Medvezh'egorsk; *Lim*: Kandalaksha [Kontuniemi, 1965].***Scolioneura betuleti*** (Klug, 1816)DISTRIBUTION. *Kl*: Valaam, Sortavala; *Kol*: Gizhino; *Ks*: Paanajärvi; *Lim*: Khibiny, Belaya Guba; *Lps*: Pechenga, Zemlyanoe; *Lp*: Ponoj [Kontuniemi, 1965; Viramo, 1969]; *Kon*: Kivach Nature Reserve [Kutenkova, 2011].

Subfamily NEMATINAE

Dineura testaceipes (Klug, 1816)DISTRIBUTION. *Kon*: Kondopoga [Kontuniemi, 1965]; Kivach Nature Reserve [Kutenkova, 2011].***Euura amentorum*** (Förster, 1854)DISTRIBUTION. *Kol*: Petrozavodsk; *Lv*: Kuzomen [Kontuniemi, 1965].REMARK. In the Catalogue [2017] reported for the European part of Russia (**EP**) without details.***Euura atra*** (Jurine, 1807)DISTRIBUTION. *Kol*: Derevyannoe, *Lp*: Ponoj [Kontuniemi, 1965].***Euura caeruleocarpa*** Hartig, 1837DISTRIBUTION. *Kol*: Petrozavodsk, Derevyannoe [Kontuniemi, 1965].***Euura clitellata*** (Serville, 1823)*Nematus clitellatus* Lepeletier, 1823
DISTRIBUTION. *Kol*, *Kon*, *Kpoc*, *Kk* [Kontuniemi, 1965].****Euura dahlbomi*** (Thomson, 1871)DISTRIBUTION. Kanin Peninsula, Kolguyev Is. [Liston *et al.*, 2023].***Euura fallax*** (Serville, 1823)*Amauronematus fallax* Lepeletier, 1823; *Nematus xanthocarpus* Hartig, 1840DISTRIBUTION. *Kol*: Petrozavodsk; *Kon*: Osterozero, Medvezh'egorsk; *Kpoc*: Kalevala [Kontuniemi, 1965].***Euura fasciata*** (Konow, 1897)DISTRIBUTION. *Kon*: Medvezh'egorsk [Kontuniemi, 1965].***Euura fuscomaculata*** (Förster, 1854)DISTRIBUTION. *Kol*: Petrozavodsk [Kontuniemi, 1965].***Euura histrio*** (Serville, 1823)DISTRIBUTION. *Kon*: Osterozero, Medvezh'egorsk [Kontuniemi, 1965].***Euura humeralis*** (Serville, 1823)DISTRIBUTION. *Kol*: Derevyannoe; *Kon*: Osterozero [Kontuniemi, 1965].***Euura jugicola*** (Thomson, 1871)DISTRIBUTION. *Kol*: Petrozavodsk [Kontuniemi, 1965].***Euura leucapsis*** (Tischbein, 1846)DISTRIBUTION. *Kol*, *Kon*, *Lt*, *Lp* [Kontuniemi, 1965].***Euura mundus*** (Konow, 1895)DISTRIBUTION. *Kol*: Petrozavodsk [Kontuniemi, 1965].***Euura nigricornis*** (Serville, 1823)*Nematus nigricornis* Lepeletier, 1823
DISTRIBUTION. *Kol*: Petrozavodsk, Vedlozero; *Kon*: Yalguba [Kontuniemi, 1965].

- **Euura parviserrata* (Lindqvist, 1944)**
DISTRIBUTION. *Ks*: Paanajarvi [Lindqvist, 1944; Fin-BIF, 2024d].
- Euura pavidus* (Serville, 1823)**
Nematus pavidus Lepeletier, 1823
DISTRIBUTION. *Kol*: Kolatsel'ga [Kontuniemi, 1965].
- Euura pedunculi* (Hartig, 1837)**
DISTRIBUTION. *Kon*: Tsarevichi [Kontuniemi, 1965].
- Euura poecilnota* (Zaddach, 1876)**
DISTRIBUTION. *Kol, Kon, Lp* [Kontuniemi, 1965].
- **Euura pohjola* Liston, Vikberg, Mutanen, Nyman et Prous, 2023**
DISTRIBUTION. Novaya Zemlya [Liston *et al.*, 2023].
- Euura pravus* (Konow, 1895)**
DISTRIBUTION. *Kol*: Derevyannoe [Kontuniemi, 1965].
- Euura ribesii* (Scopoli, 1763)**
DISTRIBUTION. *Kol*: Petrozavodsk [Kontuniemi, 1965].
- Euura toeniata* (Serville, 1823)**
Nematus taeniatus Lepeletier, 1823
DISTRIBUTION. *Kol*: Petrozavodsk; *Kon*: Tsarevichi [Kontuniemi, 1965].
- Euura umbrata* (Thomson, 1871)**
DISTRIBUTION. *Kol*: Kolatsel'ga [Kontuniemi, 1965].
- Euura venusta* (Brischke, 1883)**
DISTRIBUTION. *Kon*: Tsarevichi [Kontuniemi, 1965].
- Euura viduata* (Zetterstedt, 1838)**
DISTRIBUTION. *Kol*: Kolatsel'ga; *Kon*; *Kpoc* [Kontuniemi, 1965].
- Nematinus acuminatus* (Thomson, 1871)**
DISTRIBUTION. *Kol*: Pryazha; *Kon*: Medvezh'egorsk, Konchezero; *Kpoc*: Solovetsk [Kontuniemi, 1965].
- Nematinus steini* Blank, 1998**
DISTRIBUTION. *Kol*: Orzega [iNaturalist 2024f].
- Nematus latipes* Villaret, 1832**
MATERIAL. *Kol*: Petrozavodsk, 18.07.1995, 1♂; *Kpoc*: Russky Kuzov Is., 19.07.2001, 1♂.
DISTRIBUTION. *Kol*: Petrozavodsk [Kontuniemi, 1965].
- Nematus septentrionalis* (Linnaeus, 1758)**
MATERIAL. *Kk*: Paanajarvi National Park, Siltayoki, MT, 27.06–28.07.2021, 1♀.
DISTRIBUTION. *Kol*: Uzhesel'ga, Gizhino; *Kon*: Tivdia, Medvezh'egorsk [Kontuniemi, 1965; Viitasaari, 1980]; *Kol*: Mayachino; *Lps*: Pasvik Nature Reserve [GBIF, 2024c]. Reported from South Karelia [Zhelochovtsev, 1988].
- Platycampus luridiventris* (Fallén, 1808)**
DISTRIBUTION. *Kol*: Vedlozero; *Kon*: Medvezh'egorsk [Kontuniemi, 1965]; *Kon*: Kivach Nature Reserve [Kutenkova, 2011].
- Pristiphora albitibia* (Costa, 1859)**
Nematus puncticeps Thomson, 1863
DISTRIBUTION. *Kol*: Petrozavodsk, Pryazha; *Kon*: Konchezero, Lumbushi [Kontuniemi, 1965].
- Pristiphora geniculata* (Hartig, 1840)**
DISTRIBUTION. *Kon*: Yalguba, Masel'gskaya [Kontuniemi, 1965].
- Pristiphora leucopodia* (Hartig, 1837)**
DISTRIBUTION. *Kon*: Medvezh'egorsk; *Lim*: Khibiny, Kandalaksha [Kontuniemi, 1965].
- Pristiphora micronematica* Malaise, 1931**
Lygaeonematus leucostoma Lindqvist, 1952
DISTRIBUTION. *Kol*: Petrozavodsk [Kontuniemi, 1965].
- Pristiphora nigella* (Förster, 1854)**
Tenthredo ambigua Fallén, 1808
DISTRIBUTION. *Kol*: Petrozavodsk [Kontuniemi, 1965].
- Pristiphora pallidiventris* (Fallén, 1808)**
DISTRIBUTION. *Kol*: Petrozavodsk, Bol'shie Gory; *Kon*: Konchezero, Masel'gskaya [Kontuniemi, 1965].
- Pristiphora saxesenii* (Hartig, 1837)**
DISTRIBUTION. *Kol*: Petrozavodsk [Kontuniemi, 1965].
- Subfamily SELANDRIINAE
- Aneugmenus coronatus* (Klug, 1818)**
DISTRIBUTION. *Kol*: Vedlozero; *Kon*: Konchezero [Kontuniemi, 1965].
- Birka (Birka) cinereipes* (Klug, 1816)**
DISTRIBUTION. *Kol, Kon, Lv* [Kontuniemi, 1965].
- Dolerus (Achaetoprion) madidus* (Klug, 1818)**
DISTRIBUTION. *Kol, Kon* [Kontuniemi, 1965]; *Kon*: Kivach Nature Reserve [Kutenkova, 2008].
- Dolerus (Dicrodolerus) genucinctus* Zaddach, 1859**
DISTRIBUTION. *Kol*: Petrozavodsk; *Kon*: Tsarevichi [Kontuniemi, 1965].
- Dolerus (Dicrodolerus) vestigialis vestigialis* (Klug, 1818)**
DISTRIBUTION. *Kol, Kon, Lim* [Kontuniemi, 1965]; *Kon*: Kivach Nature Reserve [Kutenkova, 2008].
- Dolerus (Dolerus) germanicus germanicus* (Fabricius, 1775)**
MATERIAL. *Kl*: Matkaselka, 12.07.2023, 1♀ 1♂; 13.07.2023, 1♀; 14.07.2023, 1♂; *Kol*: Dolgoe L., meadow, 3.07.2008, 1♀.
DISTRIBUTION. *Kol, Kon, Kk, Lim, Lv, Lt* [Kontuniemi, 1965].
- Dolerus (Poodolerus) gibbosus* Hartig, 1837**
DISTRIBUTION. *Kon*: Kivach Nature Reserve [Kutenkova, 2008].
- Dolerus (Poodolerus) niger* (Linnaeus, 1767)**
DISTRIBUTION. *Kon*: Medvezh'egorsk [Kontuniemi, 1965].

- Dolerus (Poodolerus) nitens*** Zaddach, 1859
DISTRIBUTION. *Kol, Kon, Kpoc* [Kontuniemi, 1965].
- Selandria melanosterna*** (Serville, 1823)
S. sixii Snellen van Vollenhoven, 1858
DISTRIBUTION. *Kl*: Sortavala [FinBIF, 2024e]; *Carelia rossica* [Kontuniemi, 1965].
- Strongylogaster filicis*** (Klug, 1817)
DISTRIBUTION. *Kon*: Tsarevichi; *Lim* [Kontuniemi, 1965].
- Strongylogaster mixta*** (Klug, 1817)
DISTRIBUTION. *Kol*: Pryazha; *Kon*: Yalguba [Kontuniemi, 1965].
- Strongylogaster multifasciata*** (Geoffroy, 1785)
Tenthredo lineata Christ, 1791
MATERIAL. *Kon*: Kizhsky Reserve, Myal Is., 2.07.2017, 3♀♀; Kalgov Is., 2.07.2017, 3♀♀; Sychevets Is., 3.07.2017, 1♀; Voynavolok Peninsula, 6.07.2017, 1♀.
DISTRIBUTION. *Kol, Kon* [Kontuniemi, 1965].
- Strongylogaster xanthocera*** (Stephens, 1835)
DISTRIBUTION. *Kol*: Bol'shie Gory; *Kon*: Tsarevichi [Kontuniemi, 1965].
- Subfamily TENTHREDININAE
- Macrophya (Macrophya) duodecimpunctata duodecimpunctata*** (Linnaeus, 1758)
DISTRIBUTION. *Kol, Kon* [Kontuniemi, 1965]; *Kl*: Rautalahti Peninsula [iNaturalist, 2024g].
- Macrophya (Macrophya) erythrocnema*** Costa, 1859
DISTRIBUTION. *Kol*: Pryazha [Kontuniemi, 1965].
- Pachyprotasis simulans*** (Klug, 1817)
DISTRIBUTION. *Kon*: Tsarevichi; *Lv*: Kuzomen [Kontuniemi, 1965].
- Perineura rubi*** (Panzer, 1803)
DISTRIBUTION. *Kol*: Petrozavodsk; *Kon*: Yalguba [Kontuniemi, 1965]; *Kol*: Orzega [GBIF, 2024d].
- Rhogogaster chlorosoma*** (Benson, 1943)
MATERIAL. *Kl*: Matkaselka, 13.07.2023, 1♂.
DISTRIBUTION. *Kol*: Sheltozero; *Kon*: Lumbushi [Kontuniemi, 1965]; *Kpoc*: Kostomuksha Nature Reserve [FinBIF, 2024f].
- Siobla ruficornis*** (Gimmerthal, 1834)
MATERIAL. *Kon*: Kizhsky Reserve, Voynavolok Peninsula, 29.06.2017, 1♂; Ar'koila, 19.06.2018, 5♂♂; YPT, 20–21.06.2018, 4♂♂.
DISTRIBUTION. *Kol*: Petrozavodsk; *Kon*: Yalguba, Medvezh'egorsk [Kontuniemi, 1965]; *Kon*: Shaidoma Reserve, Kivach Nature Reserve, Kizhsky Reserve (Myal Is.), Tipinitsy; *Kol*: Chogozero L. [GBIF, 2024e].
- Tenthredo (Cephalado) bifasciata rossii*** (Panzer, 1803)
T. scissa Klug, 1819
DISTRIBUTION. *Kol*: Vidlitsa; *Kon*: Konchezero [Kontuniemi, 1965]; *Kl*: Sortavala, Suistamo; *Kon*: Martsialnye Vody [GBIF, 2024f].
- Tenthredo (Cephalado) neobesa*** Zombori, 1980
DISTRIBUTION. *Kon*: Shun'ga [FinBIF, 2024g].
- Tenthredo (Endotethryx) adusta*** Motschulsky, 1866
MATERIAL. *Kton*: Besov Nos, 4.07.2018, 1♀.
DISTRIBUTION. *Kon*: Kondopoga [iNaturalist, 2024h].
- Tenthredo (Endotethryx) crassa*** Scopoli, 1763
DISTRIBUTION. *Kton*: Muromsky Monastery [iNaturalist, 2024i].
REMARK. New to Fennoscandia.
- Tenthredo (Eurogaster) mioceras*** (Enslin, 1912)
DISTRIBUTION. *Kol, Kon* [Kontuniemi, 1965]; *Kpoc*: Kostomuksha Nature Reserve, Yurinoya [GBIF, 2024f]; *Kton*: Besov Nos [iNaturalist, 2024g].
- Tenthredo (Eurogaster) obsoleta*** Klug, 1817
DISTRIBUTION. *Kol, Kon* [Kontuniemi, 1965]; *Kpoc*: Kostomuksha Nature Reserve, Yurinoya [GBIF, 2024h].
- Tenthredo (Tenthredella) amurica*** Dalla Torre, 1894
DISTRIBUTION. *Kl*: Sortavala; *Kol*: Sheltozero [GBIF, 2024i].
- Tenthredo (Tenthredella) eburata*** Konow, 1900
DISTRIBUTION. *Kol*: Petrozavodsk, Sheltozero; *Kon*: Yalguba [Kontuniemi, 1965]; *Kl*: Sortavala; *Kol*: Gizhino, Pryazha; *Kon*: Tivdiya, Munozero [GBIF, 2024j].
- Tenthredo (Tenthredella) fagi*** Panzer, 1798
MATERIAL. *Kon*: Ar'koila, 20.06.2018, 1♀.
DISTRIBUTION. *Kol, Kon* [Kontuniemi, 1965]; *Kl*: Hiitola, Sortavala, Valaam, Harlu, Impilahti, Suistamo; *Kol*: Syandeba, Pryazha, Petrozavodsk, Gizhino, Vedlozero, Sheltozero; *Kon*: Yalguba, Tivdiya, Munozero, Konchezero [GBIF, 2024k].
- Tenthredo (Tenthredella) ferruginea*** Schrank, 1776
MATERIAL. *Kon*: Tereki, 21.07.2017, 1♀; Ar'koila, 20.06.2018, 2♂♂, Vendjury, 22.06.2018, 1♂.
DISTRIBUTION. *Kl*: Sortavala [Kerrich, 1939]; *Kol, Kon* [Kontuniemi, 1965]; Arkhangelsk Area, Onezhskoye Pomorye National Park [Humala, Polevoi, 2022].
- Tenthredo (Tenthredella) livida*** Linnaeus, 1758
MATERIAL. *Kon*: Ar'koila, 20.06.2018, 2♀♀; Vendjury, 22.06.2018, 1♀, Tereki, 21.07.2017, 1♀; Raiguba, 08.08.2023, 1♂; *Kl*: Matkaselka, 12.07.2023, 1♂.
DISTRIBUTION. *Kol, Kon* [Kontuniemi, 1965]; *Kol*: Orzega [GBIF, 2024i]; Arkhangelsk Area, Onezhskoye Pomorye National Park [Humala, Polevoi, 2022].
- Tenthredo (Tenthredella) moniliata*** Klug, 1817
DISTRIBUTION. *Kon*: Medvezh'egorsk [Kontuniemi, 1965].
- Tenthredo (Tenthredella) silensis*** Costa, 1859
T. limbata Klug, 1817
DISTRIBUTION. *Kol*: Sheltozero, Uzhesel'ga; *Kon*: Yalguba [Kontuniemi, 1965].

****Tenthredo (Tenthredo) craccae*** Heibo, Goulet, Taeger et Vikberg, in press

MATERIAL. *Kon*: Kizhsky Reserve, Vorob'i, 21.08.2008, 1♀; Lelikovo, 28.07.2018, 3♀♀ 1♂; Ernitsky Is., 29.07.2018, 1♀; Sychevets Is., 1.08.2018, 1♀; Sennaya Guba, 16.08.2019, 1♀; Orozh-Yama Is., 17.08.2019, 5♀♀.

DISTRIBUTION. *Kl*: Sortavala, Kirjavalahi; *Kon*: Medvezh'egorsk. Also reported from Leningrad Area [GBIF, 2024m].

Tenthredo (Tenthredo) scrophulariae Linnaeus, 1758

MATERIAL. *Kol*: Petrozavodsk, 30.06.2020, 10.07.2020, 2♀♀.

Tenthredo (Tenthredo) vespa Retzius, 1783

MATERIAL. *Kon*: Kivach Nature Reserve, 07.1998, 1♀.

DISTRIBUTION. *Kol, Kon* [Kontuniemi, 1965]; *Kon*: Kondopoga [iNaturalist, 2024k].

Tenthredo (Zonuledo) amoena Gravenhorst, 1807

MATERIAL. *Kon*: Kizhsky Reserve, Orozh-Yama Is., 5.07.2019, 1♀.

DISTRIBUTION. *Kol*: Sheltozero [Kontuniemi, 1965]; *Kl*: Kurkijoki [FinBIF, 2024h]; *Kon*: Pin'guba [iNaturalist, 2024l].

Tenthredo (Zonuledo) zonula Klug, 1817

MATERIAL. *Kl*: Matkaselka, Sahankoski, 13.07.2023, meadow, 3♂♂; *Kon*: Gomsel'ga, 5.07.2012, 1♀; Kizhsky Reserve, Orozh-Yama Is., 5.07.2019, 1♂.

DISTRIBUTION. *Kol*: Ulvany, Kolatsel'ga; *Kon*: Yalgu-ba, Konchezero, Munozero [Kontuniemi, 1965].

Tenthredopsis friesei (Konow, 1884)

DISTRIBUTION. *Kon*: Suisaari [Kontuniemi, 1965].

Tenthredopsis litterata (Geoffroy, 1785)

DISTRIBUTION. *Kol*: Petrozavodsk [Viitasaari, 1980].

Tenthredopsis scutellaris (Fabricius, 1804)

DISTRIBUTION. *Kol*: Sheltozero; *Kon*: Lumbushi; *Lim* [Kontuniemi, 1965]; *Kpoc*: Kostomuksha Nature Reserve, Akonlahti [FinBIF, 2024i].

Family PAMPHILIIDAE

Acantholyda (Acantholyda) flaviceps (Retzius, 1783)

DISTRIBUTION. *Kol*: Megrega; Kola Peninsula (without exact locality) [Kontuniemi, 1965; Viitasaari, 1975a].

Onycholyda sertata (Konow, 1903)

DISTRIBUTION. *Kol*: Il'insky, Petrozavodsk [Kontuniemi, 1965]; *Kl*: Kurkijoki [FinBIF, 2024j].

Pamphilius balteatus (Fallén, 1808)

MATERIAL. *Kon*: Padun, 11.06.2000, 1♀; Lipovitsy, 25.06.2013, 1♀.

DISTRIBUTION. *Kon*: Tsarevichi [Kontuniemi, 1965]; Kivach Nature Reserve [Humala, 2006]; *Kol*: Pryazha [GBIF, 2024n].

Pamphilius betulae (Linnaeus, 1758)

DISTRIBUTION. *Kon*: Suisar', Medvezh'egorsk [Kontuniemi, 1965].

Pamphilius festivus Pesarini et Pesarini, 1984

MATERIAL. *Kol*: Lososinnoe, YPT, 9–12.07.2012, 1♀.

DISTRIBUTION. *Kon*: Medvezh'egorsk [FinBIF, 2024k].

Pamphilius inanitus (Villers, 1789)

MATERIAL. *Kon*: Kizhsky Reserve, Voynavolok Peninsula, 29.06.2017, 1♀.

DISTRIBUTION. *Kon*: Kivach Nature Reserve [Kutenkova, 2011].

Pamphilius jucundus (Eversmann, 1847)

DISTRIBUTION. *Kl*: Sortavala [FinBIF, 2024j].

Family CEPHIDAE

Calameuta (Calameuta) pallipes (Klug, 1803)

MATERIAL. *Kon*: Kuzharvi L., 21.06.2000, 1♂; Kizhsky Reserve, Lelikovo, 1.07.2017, 2♂♂; Gomsel'ga, 21.06.2019, 1♀.

DISTRIBUTION. *Kl*: Valaam, Sortavala, Impilahti, Ruskeala, Matkaselkä; *Kol*: Petrozavodsk; *Kon*: Tivdiya; *Kb*: Suojärvi; *Ks*: Salla; *Lim* [Kontuniemi, 1965; Viitasaari, 1975b].

Calameuta (Calameuta) punctata (Klug, 1803)

Calameuta (C.) filum (Gussakovskij, 1935)

MATERIAL. *Kl*: Kirjavalahi, 1.07.1997, 1♀ (Yakovlev); Mejeri surr., Polyakovo L., 11.06.2015, 1♀.

REMARK. *Calameuta filum* reported for Karelia [Humala, Polevoi, 2011] has been shown to be a junior synonym of *C. punctata* [Liston *et al.*, 2022], and both of these species have not been recorded for "N" in the Catalogue [2017].

Cephus fumipennis Eversmann, 1847

MATERIAL. *Kl*: Karkku, 7.07.1992, 1♀; Kirjavalahi, 1.07.1997, 1♂ (Yakovlev); *Kon*: Kizhsky Reserve, Lelikovo, 26.06.2003, 1♀; Gomsel'ga, 5.07.2012, 1♀; Pin'guba, 3.07.2022, 1♀ (Polevoi).

DISTRIBUTION. *Kon*: Pin'guba [iNaturalist, 2024m].

Cephus spinipes (Panzer, 1800)

C. cultratus Eversmann, 1847

MATERIAL. *Kl*: Kirjavalahi, 1.07.1997, 1♂ (Yakovlev); Ruskeala, Tohmayoki R., 11.07.2023, 1♀; Matkaselka, Sahankoski, 13.07.2023, meadow, 2♀♀ 1♂; *Kon*: Kizhsky Reserve, Eglov Is., 26.06.2014, 1♀; Khvost Is., 27.06.2014, 1♀; Rogachev Is., 28.06.2014, 1♀; Lyudskoy Is., 24.06.2003, 1♀; Radkol'e Is., 25.06.2003, 1♀; Bukol'nikov Is., 25.06.2003, 1♂; Lelikovo, 26.06.2003, 2♂♂.

DISTRIBUTION. *Kon*: Kizhi [Kontuniemi, 1965]; also reported from Karelia by Zhelochovtsev [1988].

Janus luteipes (Lepelletier, 1823)

MATERIAL. *Kol*: Mayachino, YPT, 23–28.06.2012, 1♀; Lososinnoe, YPT, 9–12.07.2012, 2♀♀.

DISTRIBUTION. *Kl*: Ruskeala, Matkaselkä [Viitasaari, 1975b].

Phyllococcus niger (M. Harris, 1779)

DISTRIBUTION. *Kol*: Kolatsel'ga, Sheltozero [Kontuniemi, 1965; Viitasaari, 1984].

Family SIRICIDAE

Tremex fuscicornis (Fabricius, 1787)

MATERIAL. *Kol*: Derevyanka, 23.08.2001, on birch (*Betula* sp.), 1♀ (Pis'mennyi).

Sirex atricornis Kjellander, 1945

DISTRIBUTION. *Lps*: Pechenga [FinBIF, 2024m].

REMARK. New to the European part of Russia.

Family XIPHYDRIIDAE

Xiphydria picta Konow, 1897

MATERIAL. *Kon*: Kizhi Is., Yamka, 11.06.2008, 1♀ (Mart'yanov).

DISTRIBUTION. *Kol*: Gizhino [FinBIF, 2024n].

Xiphydria prolongata (Geoffroy, 1785)

MATERIAL. *Kon*: Ar'koila, 20.06.2018, 1♂.

DISTRIBUTION. *Kol*: Sheltozero, Uzhesel'ga, Kolatsel'ga [Kontuniemi, 1965].

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