

List of ichneumon flies (Hymenoptera, Ichneumonidae) currently known from the territory of the Berezina Biosphere Natural Reserve.

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Abstract: A list of species of ichneumon flies of family Ichneumonidae registered in the territory of the Berezina Biosphere Reserve is given in the article. To date, 418 species from the Reserve territory are known. For most species, especially representatives of the subfamily Ichneumoninae (Stenopneusticae), information about abundance in collections, the dynamics of seasonal activity and distribution in ecosystems of different type obtained by standard methods are presented.

Key words: fauna, ichneumon flies, Ichneumonidae, Ichneumoninae, biotopical distribution, seasonal activity, abundance.

Introduction

The territory of the Berezina Biosphere Reserve is situated in the subzone of oak-conifer forests, which is a constituent part of the largest European coniferous forest (taiga) geobotanical area. It fully reflects its biocenotic diversity. Therefore, the data (on species composition, biotopic distribution, as well as periods of activity and other important ecological indices, such as the number of generations, overwintering stage of development, characterizing features of the biology of concrete groups of insects) obtained on reserved territories are of great interest. To the greatest extent it applies to the entomophagous insects, which are regulators of abundance of phytophagous insects including many forest pests and maintaining entomocomplexes of forest ecosystems in a stable condition. Such data obtained in protected areas are the starting point for biodiversity preservation in the planning and implementation of any forest management activities.

The study of the fauna of family Ichneumonidae was started in 1976, and the systematic study using standard methods such as Malaise traps, which functioned during all the season of activity of Ichneumonidae, from 1985. Almost all types of forest and open ecosystems, which are characteristic for the Reserve, and thus for the entire subzone of oak-conifer forests were covered by research.

The list of species of ichneumon flies is based on the collection of the author. Modern names of species and high taxa, with a few exceptions, were coordinated with the data of YU D.S. and HORSTMANN K. (1997), YU D.S., van ACHTERBERG K., HORSTMANN K. (2012). In case of discrepancy between previously published taxa names and modern designation, previously published name is given in brackets. Some of the old names of taxa in the list of species are retained, if the author does not consider that the changes are sufficiently substantiated. For example, the author retained the status of the tribe Heresiarchini in understanding of A.P. RASNITSYN (1981). This view was argued earlier in the relevant publication (TERESHKIN 2009).

Literary sources where names of species from Berezina Biosphere Reserve have already been published in the past are given in parentheses. Abbreviated titles of biotopes are arranged in the order of their preference by each species. Roman numerals are used to indicate the months of seasonal activity. Finally, data on the abundance of species in the collections for the entire study period are given.

Such data as the abundance in the collections, the dynamics of the seasonal activity and distribution along biotopes, are the most reliable for ichneumon flies of subfamily Ichneumoninae (Stenopneusticae) on which the author specializes.

A total of 418 species of the family Ichneumonidae are given in the list. From the territory of the Reserve 8 species, one genus and one tribe were described as new to science.

Familia Ichneumonidae Latreille, 1802

Subfamilia Pimplinae Wesmael, 1845

Tribe Delomeristini Hellén, 1915

***Delomerista* Förster, 1869**

D. laevis (Gravenhorst, 1829) – (28) s.o; VI.

D. strandi Ulbricht, 1911 – (3, 28) a, VI.

***Perithous* Holmgren, 1859**

P. albicinctus (Gravenhorst, 1829) – (2, 3, 28) a.u; VII.

P. divinator (Rossi, 1790) – (28) m.d; IX.

P. scurra (Panzer, 1804) (= *Perithous mediator* (Fabricius, 1804)) – (3, 28) a.u; VII.

Tribe Ephialtini Hellén, 1911

***Endromopoda* Hellén, 1939**

E. phragmitidis (Perkins, 1957) (= *Scambus phragmitidis* (Perkins, 1957)) – (3, 28) m.d; VI-VII.

***Gregopimpla* Momoi, 1965**

G. inquisitor (Scopoli, 1763) – (2, 3, 28) a.u, VI, IX.

***Oxyrrhexis* Förster, 1869**

O. carbonator (Gravenhorst, 1807) – (2, 3, 28) a.u; VI.

***Paraperithous* Haupt, 1954**

P. gnathaulax (Thomson, 1877) – (2, 3, 28) a.u; VI.

Polysphincta Gravenhorst, 1829

P. boops Tschek, 1869 – (2, 3, 28) a.u; VIII-IX.

P. rufipes Gravenhorst, 1829 – (28) m.w; IX.

P. tuberosa Gravenhorst, 1829 – (2, 3, 28) f.p; IX.

Scambus Hartig, 1838

S. buolianae (Hartig, 1838) – (3, 28) a; VII.

S. calobatus (Gravenhorst, 1829) (= *S. planatus* (Hartig, 1838)) – (3, 28) VII.

S. inanis (Schrank, 1802) (= *S. annulatus* Kiss, 1924) – (2, 3, 28) a.u, p; VII-IX.

S. nigricans (Thomson, 1877) – (2, 3, 28) p; VIII.

Schizopyga (Gravenhorst, 1820)

S. pictifrons (Thomson, 1877) (= *Dreisbachia pictifrons* (Thomson, 1877)) – (2, 3, 28) a.u; IX.

Tromatobia Förster, 1869

T. ovivora (Boheman, 1821) – (2, 3, 28) a, m.w, f.p, p; IX.

T. variabilis (Holmgren, 1856 – (3, 28) p.s; VII.

Clistopyga Gravenhorst, 1829

C. canadensis Provancher, 1880 – (3, 28) f.p; VI.

Dolichomitus Smith, 1877

D. imperator (Kriechbaumer, 1854) – (2, 3, 28) s.b; VI.

D. tuberculatus (Geoffroy, 1785) – (2, 28) VIII.

Ephialtes Gravenhorst, 1829

E. duplicicauda Heinrich, 1949 (= *E. spatulatus* (Townes, 1960)) – (2, 3, 28) VIII.

Townesia Ozols, 1962

T. tenuiventris (Holmgren, 1860) – (2, 3, 28) a.u; VI.

Zaglyptus Förster, 1869

Z. multicolor (Gravenhorst, 1829) – (2, 3, 28) a.u; VII, IX.

Z. varipes (Gravenhorst, 1829) – (2, 3, 28) VIII-IX.

Zatypota Förster, 1869

Z. albicoxa (Walker, 1874) – (2, 3, 28) a.u; VI-VIII.

Z. percontatoria (Müller, 1776) (= *Z. gracilis* (Holmgren, 1860)) – (2, 3, 28) f.p; IX.

Alophosternum Cushman, 1933

A. albofaciale Kasparyan, 1981 (= *A. foliicola albofacialis* Kasparyan, 1981) – (2, 3, 28) a.u; VI-VII.

Tribe Pimplini Wesmael, 1845

Apechthis Förster, 1869

A. capulifera (Kriechbaumer, 1887) – (2, 3, 28) s.b; VIII.

A. compunctor (Linnaeus, 1758) – (3, 28) VII.

A. quadridentata (Thomson, 1877) – (3, 28) as; VI.

A. rufata (Gmelin, 1790) – (2, 3, 28) IX.

Itoplectis Förster, 1869

I. aterrima Jussila, 1965 – (2, 28) a.u; IX.

I. viduata (Gravenhorst, 1829) – (2, 3, 28) a; VII.

I. alternans (Gravenhorst, 1829) – (2, 3, 28) a.u, as; VI-IX.

Pimpla Fabricius, 1804

P. aquilonia Cresson, 1870 – (1, 3, 28) a.u, as, p.p, p.m; VI-VIII.

P. melanacrias Perkins, 1941 – (1, 2, 3, 28) a.u, p.m; VII-VIII.

P. rufipes (Müller, 1759) (= *P. instigator* (Fabricius, 1793)) – (2, 3, 28) a.u; VI-VIII.

P. turionellae (Linnaeus, 1758) – (2, 3, 28) p.s; VIII.

Theronia Holmgren, 1859

Th. laevigata (Tschek, 1869) – (2, 3, 28) p, a; VI.

Subfamilia Rhyssinae Morley, 1913

Megarhyssa Ashmead, 1900

M. rixator (Schellenberg, 1802) (= *M. emarginatoria* (Thunberg, 1822)) – (2) as; V-VIII.

Rhyssa Gravenhorst, 1829

Rh. amoena Gravenhorst, 1829 – (2, 3, 28) a.u; VI.

Rh. persuasoria (Linnaeus, 1758) – (2, 3, 28) a.u, as; VI.

Rhyssella Rohwer, 1920

Rh. obliterata (Gravenhorst, 1829) – (3, 28) a; VI.

Subfamilia Poemeniinae Narayanan & Lal, 1953

Tribe Poemeniini Narayanan & Lal, 1953

Deuteroxorides Viereck, 1914

D. elevator (Panzer, 1799) (= *D. albitarsus* (Gravenhorst, 1829)) – (28) a.u; VI.

Neoxorides Clément, 1938

N. collaris (Gravenhorst, 1829) – (3, 28) a.u; VI.

N. montanus Oehlke, 1966 – (3, 28) VI.

N. varipes (Holmgren, 1860) – (2, 3, 28) IX.

Poemenia Holmgren, 1859

P. brachyura Holmgren, 1860 – (2, 3, 28) a.u; VI

P. hectica (Gravenhorst, 1829) – (28) a; VII.

Tribe Pseudorhyssini Wahl & Gauld, 1998

Pseudorhyssa Merrill, 1915

P. nigricornis (Ratzeburg, 1852) (= *P. maculicoxis* (Kriechbaumer, 1852)) – (2, 3, 28) a.u; VI.

Subfamilia Diacritinae Townes, 1965

Diacritus Förster, 1874

D. aciculatus (Vollenhoven, 1878) – (2, 3, 28) a.u; VI-VII.

Subfamilia Tryphoninae Shuckard, 1840

Tribe Exenterini Förster, 1869

Acrotomus Holmgren, 1857

A. lucidulus (Gravenhorst, 1829) – (2, 28) s; IX.

A. succinctus (Gravenhorst, 1829) – (2, 28) s.b; IX.

Eridolius Förster, 1869

E. gnathoxanthus (Gravenhorst, 1829) – (2, 28) a.u, s; VIII-IX.

Exenterus Hartig, 1837

E. amictorius (Panzer, 1801) – (28) p.s; VII.

Exyston Schiödte, 1839

E. genalis Thomson, 1883 – (28) a.u; VII.

Kristotomus Mason, 1962

K. pumilio (Holmgren, 1857) – (2, 28) b; IX.

Tribe Oedemopsini Wodstedt, 1877

Thymaris Förster, 1869

Th. tener (Gravenhorst, 1829) (= *Th. contaminatus* (Gravenhorst, 1829)) – (2, 28) a.u; VIII.

Tribe Phytodietini Hellén, 1915

Netelia Gray, 1860

N. latungula (Thomson, 1888) – (2, 28) s; IX.

N. virgata (Geoffroy, 1785) – (2, 28) a; IX.

N. silantjewi (Kokujev, 1899) – (2, 28) a.u; VIII.

N. nigricarpus (Thomson, 1888) – (28) a.u; VIII.

N. longipes (Brauns, 1889) – (2, 28) a.u; VIII.

Phytodietus Gravenhorst, 1829

Ph. geniculatus Thomson, 1877 – (2, 28) p.p; IX.

Tribe Tryphonini Shuckard, 1840

Cosmoconus Förster, 1869

C. ceratophorus (Thomson, 1888) – (2, 28) – a.u; VII-VIII.

C. elongator (Fabricius, 1775) – (2, 28) VII-VIII.

C. meridionator Aubert, 1963 – (2, 28) IX.

Ctenochira Förster, 1855

C. genalis (Thomson, 1883) – (2, 28) IX.

C. marginata (Holmgren, 1857) – (2, 28) a.u; VIII.

C. propinqua (Gravenhorst, 1829) – (1) p.m; VII.

Erromenus Holmgren, 1857

E. punctulatus Holmgren, 1857 – (28) a.u; V.

Grypocentrus Ruthe, 1855

G. incisulus Ruthe, 1855 – (28) a.u; VII.

Polyblastus Hartig, 1837

P. alternans Schiödte, 1838 – (2, 28) IX.

P. cothurnatus (Gravenhorst, 1829) – (2, 28) p; VIII.

P. varitarsus (Gravenhorst, 1829) – (1, 2, 28) p.m; VII-IX.

Tryphon Fallén, 1813

T. duplicatus (Heinrich, 1953) – (2, 28) a.u; VIII.

T. rutilator (Linnaeus, 1761) – (2, 28) a.u; VII.

T. thomsoni Roman, 1939 – (1, 2, 28) VII-VIII.

T. trochanteratus Holmgren, 1857 – (2, 28) a.u; VII.

Subfamilia Eucerotinae Viereck, 1919

Euceros Gravenhorst, 1829

E. pruinus (Gravenhorst, 1829) – (2, 28) a.u; VII-VIII.

Subfamilia Xoridinae Shuckard, 1840

Ischnoceros Gravenhorst, 1829

I. caligatus Gravenhorst, 1829 – (2, 3, 28) a.u; VIII.

I. rusticus Geoffroy, 1785 – (2, 3, 28) VII.

Odontocolon Cushman, 1942

O. dentipes (Gmelin, 1790) – (2, 3, 28) p.s, a.u; V-VIII.

O. thomsoni (Clément, 1938) – (2, 3, 28) a.u; VI.

Xorides Latreille, 1809

X. alpestris (Habermehl, 1903) – (2, 3, 28) as; VI.

X. irrigator (Fabricius, 1793) – (3, 28) a.u; V.

X. niger (Pfeffer, 1913) – (3,9, 28) a.u; IV.

X. praecatorius (Fabricius, 1793) – (2, 3, 28) a.u; VIII.

Subfamilia Cryptinae Kirby, 1837

Tribe Cryptini Kirby, 1837

Apsilops Förster, 1869

A. cinctorius (Fabricius, 1775) – (2, 28) s; IX.

Aritranis Förster, 1869

A. director (Thunberg, 1822) (= *Pycnocyptus director* (Thunberg, 1822)) – (1) p.m; VI.

Trychosis Förster, 1869

T. neglecta (Tschek, 1871) – (2, 28) VII.

T. tristator (Tschek, 1871) (= *T. glabricula* (Thomson, 1873) – (2, 28) VII.

Listrognathus Tschek, 1871

L. compressicornis (Gravenhorst, 1829) – (2, 28) a; IX.

Ischnus Gravenhorst, 1829

I. migrator (Fabricius, 1775) – (2, 28) p.p; VIII.

Tribe Hemigasterini Ashmead, 1900

Echthrus (Gravenhorst, 1820)

E. reluctator (Linnaeus, 1758) – (2, 28) m.d; V.

Schenkia Förster, 1869

! *Sch. humeralis* Sawoniewicz, 1993 – (35) a.u, VIII.

Tribe Phygadeuontini Förster, 1869

Atractodes Gravenhorst, 1829

A. bicolor Gravenhorst, 1829 – (1) p.m; VII.

A. croceicornis Haliday, 1838 – (1) p.m, p.p; VIII.

Gelis Thunberg, 1827

G. agilis (Fabricius, 1775) (= *G. instabilis* (Förster, 1850)) – (1) p.m; VII.

- G. cinctus* (Linnaeus, 1758) – (1) p.m; VII.
G. melanocephalus (Schrank, 1781) – (1) p.m; VII.

Subfamilia Banchinae Wesmael, 1845

Tribe Atrophini Seyrig, 1932

- Cryptopimpla*** Taschenberg, 1863
C. calceolata (Gravenhorst, 1829) – (2, 28) IX.

- Lissonota*** Gravenhorst, 1829
L. lineolaris (Gmelin, 1790) (= *L. catenator* (Panzer, 1804)) – (2, 28) VII.
L. flavovariegata (Lucas, 1849) (= *L. lineolator* Aubert, 1972) – (2, 28) a.u; VIII.
L. histrio (Fabricius, 1798) (= *L. parallela* Gravenhorst, 1829) – (2, 28) p; VII-VIII.

- Syzeuctus*** Förster, 1869
S. bicornis (Gravenhorst, 1829) – (2, 28) a.u; VIII.

Tribe Banchini Wesmael, 1845

- Banchus*** Fabricius, 1798
B. falcatorius (Fabricius, 1775) – (2, 28) VII.

- Exetastes*** Gravenhorst, 1829
E. illusor Gravenhorst, 1829 – (2, 28) s.b; VII.
E. laevigator (Villers, 1789) – (2, 28) a.u; VIII.

Tribe Glyptini Cushman & Rohwer, 1920

- Apophua*** Morley, 1913
A. bipunctoria (Thunberg, 1822) – (2, 28) a.u; VIII.

- Teleutaea*** Förster, 1869
T. striata (Gravenhorst, 1829) – (2, 28) s; IX.

- Glypta*** Gravenhorst, 1829
G. bifoveolata Gravenhorst, 1829 – (2, 28) VIII.
G. ceratites Gravenhorst, 1829 – (2, 28) a.u; VII-VIII.
G. cylindrator (Fabricius, 1787) – (2, 28) VIII.
G. incisa Gravenhorst, 1829 – (2, 28) s; VIII.
G. lapponica Holmgren, 1860 – (2, 28) a.u; VII.
G. mensurator (Fabricius, 1775) (= *G. lugubrina* Holmgren, 1860) – (2, 28) a.u; VIII.

Subfamilia Ctenopelmatinae Förster, 1869

Tribe Ctenopelmatini Förster, 1869

- Ctenopelma*** Holmgren, 1857
C. luciferum (Gravenhorst, 1829) – (1) p.m; VII.
C. tomentosum (Desvignes, 1856) (= *C. luteum* Holmgren, 1857) – (1) p.m; VII.

- Notopygus*** Holmgren, 1857
N. emarginatus Holmgren, 1857 – (28) a.u; VI.

- Xenoschesis*** Förster, 1869
X. ustulata (Desvignes, 1856) (= *X. resplendens* (Holmgren, 1857)) – (2, 28) a.u; VIII.

Homaspis Förster, 1869

H. rufina (Gravenhorst, 1829) – (2, 28) a.u; VII.

Tribe Euryproctini Thomson, 1883

Hadrodactylus Förster, 1869

H. tiphæ (Geoffroy, 1785) – (1) p.m; VII.

H. larvatus Kriechbaumer, 1891 (= *H. bulsanensis* (Schmiedeknecht, 1913)) – (1, 2, 28) a.u p.m; VII-VIII.

Phobetres Förster, 1869

P. nigriceps (Gravenhorst, 1829) – (2, 28) a.u; VII.

Tribe Mesoleiini Thomson, 1883

Alexeter Förster, 1869

A. segmentarius (Fabricius, 1787) (= *A. sectator* (Thunberg, 1822)) – (1) p.m; VII.

Tribe Perilissini Thomson, 1883

Absyrtus Holmgren, 1859

A. vicinator (Thunberg, 1822) – (2, 28) s.h; VIII.

Lathiponus Förster, 1869

L. semiluctuosus (Vollenhoven, 1878) (= *L. frigidus* (Woldstedt, 1874)) – (2, 28) a.u; VIII.

Perilissus Förster, 1855

P. variator (Müller, 1776) (= *P. filicornis* (Gravenhorst, 1820)) – (1) p.m; VI.

Tribe Pionini Smith & Shenefelt, 1955

Pion Schiødte, 1839

P. nigripes Schiødte, 1839 (= *P. crassipes* (Holmgren, 1857)) – (2, 28) a.u; VII.

Tribe Scolobatini Schmiedeknecht, 1911

Scolobates Gravenhorst, 1829

S. auriculatus (Fabricius, 1804) – (2, 28) VIII.

Tribe Seleucini Vikberg, 2000

Seleucus Holmgren, 1860

S. cuneiformis Holmgren, 1860 – (28) s; VIII.

Subfamilia Campopleginae Förster, 1869

Dusona Cameron, 1901

D. annexa (Förster, 1868) (= *D. americana* (Ashmead, 1890)) – (13, 28) s.o; VII.

D. aurita (Kriechbaumer, 1883) – (13, 28) m.d; VII-VIII.

D. bicoloripes (Ashmead, 1906) (= *D. foersteri* (Roman, 1942)) – (28) a.u; VI.

D. blanda (Förster, 1868) (= *D. remota* (Förster, 1868)) – (13, 28) m.d, a.u, m.w; VI-IX.

D. bucculenta (Holmgren, 1860) – (13, 28) s.o, m.d; VII-VIII.

D. carinifrons (Holmgren, 1860) – (13, 28) m.d; VIII-IX.

D. carpathica (Szépligeti, 1916) – (13, 28) a.u, m.d; VIII.

D. confusa (Förster, 1868) – (13, 28) s.h, a.u; VI-VIII.

D. cultrator (Gravenhorst, 1829) – (13, 28) m.d, a.u; VI-VII.

D. dubitor Hinz, 1977 – (13, 28) p.p; X.

- D. fundator* (Hinz, 1990) – (13, 28) p.s; VI.
D. infesta (Förster, 1868) – (13, 28) s.o; VI.
!*D. irregularis* Horstmann, 2009 – (34) VI.
D. limnobia (Thomson, 1887) – (13, 28) a.u; VII.
D. mactator (Förster, 1868) – (13, 28) s.o; VII.
D. montana (Roman, 1929) – (13, 28) p.s; VIII.
D. nidulator (Fabricius, 1804) – (13, 28) p.s, m.d; VI-VII.
D. obliterated (Holmgren, 1872) – (13, 28) p.s; VI.
D. perditor (Förster, 1868) – (13, 28) p.s; VII.
D. pineticola (Holmgren, 1872) – (13, 28) p.p; IX.
D. pugillator (Linnaeus, 1758) – (13, 28) p.s; VII.
D. sobolicida (Förster, 1868) – (13, 28) p.s, m.d, m.w; VI-VIII.
D. spinipes (Thomson, 1887) – (13, 28) p.s; VIII.
D. stragifex (Förster, 1868) – (13, 28) p.s, s.o, m.d; VI-VII.
D. terebrator (Förster, 1868) – (13, 28) m.d; VI, VIII-IX.
D. xenocampta (Förster, 1868) – (13, 28) m.d, p.s; VI.

Subfamilia Ophioninae Shuckard, 1840

Ophion Fabricius, 1798

- O. obscuratus* Fabricius, 1798 – (2, 28) p; IX.
O. pteridis Kriechbaumer, 1879 – (2, 28) p; VIII.
O. luteus (Linnaeus, 1758) (= *O. distans* Thomson, 1888) – (1) p.m; VIII.

Enicospilus Stephens, 1835

- E. ramidulus* (Linnaeus, 1758) – (2, 28) a.u, p; VIII.

Subfamilia Anomaloninae Viereck, 1918

Tribe Anomalonini Viereck, 1918

Anomalon Panzer, 1804

- A. cruentatum* (Geoffroy, 1785) (= *A. foliator* (Fabricius, 1798)) – (2) a; VIII.

Tribe Gravenhorstiini Enderlein, 1912

Aphanistes Förster, 1869

- A. gliscens* (Hartig, 1838) (= *A. armatus* (Wesmael, 1849)) – (2, 28) a; IX.
A. klugi (Hartig, 1838) (= *A. megasoma* Heinrich, 1949) – (28) a; IX-X.

Agrypon Förster, 1860

- A. canaliculatum* (Ratzeburg, 1844) (= *Camposcopus canaliculatus* (Ratzeburg, 1844)) – (2, 28) s.o, a.u; IX.
A. clandestinum (Gravenhorst, 1829) (= *Trichionotus clandestinus* (Gravenhorst, 1829)) – (2, 28) a.u, s; VII-VIII
A. flexorium (Thunberg, 1822) (= *Trichionotus flexorius* (Thunberg, 1822)) – (2, 28) s.b; VII, IX.
A. gracilipes (Curtis, 1839) (= *Trichionotus debilis* (Wesmael, 1849)) – (2, 28) a.u, s; IX.
A. varitarsum (Wesmael, 1849) (= *Trichionotus varitarsus* (Wesmael, 1849)) – (2, 28) s; VIII-IX.

Heteropelma Wesmael, 1849

- H. megarthrum* (Ratzeburg, 1848) (= *H. calcator* Wesmael, 1849) – (2, 9, 28) p.m; VII.

Therion Curtis, 1829

Th. circumflexum (Linnaeus, 1758) – (2, 28) a.u; IV.

Trichomma Wesmael, 1849

T. enecator (Rossi, 1790) – (1) p.m; VII.

Subfamilia Metopiinae Förster, 1869

Colpotrochia Holmgren, 1856

C. cincta (Scopoli, 1763) – (2, 28) a.u; VIII.

Metopius Panzer, 1806

M. citratus (Geoffroy, 1785) (= *M. dissectorius* (Panzer, 1805)) – (28) a.u; VII.

Spudaeus Gistel, 1848

S. scaber (Gravenhorst, 1829) – (28) p.s; VI.

Triclistus Förster, 1869

T. globulipes (Desvignes, 1856) – (2, 28) a.u; IX.

Subfamilia Mesochorinae Förster, 1869

Astiphromma Förster, 1869

A. aggressor (Fabricius, 1804) (= *A. marginellum* (Holmgren, 1860)) – (28) a.u; VIII.

Cidaphus Förster, 1869

C. alarius (Gravenhorst, 1829) – (28) a.u; VIII.

Subfamilia Acaenitinae Förster, 1869

Tribe Acaenitini Förster, 1869

Acaenitus Latreille, 1809

A. dubitator (Panzer, 1800) – (2, 3, 28) a.u; V-VI.

Arotes Gravenhorst, 1829

A. albicinctus Gravenhorst, 1829 – (28) a.u; VII.

Phaenolobus Förster, 1869

Ph. terebrator (Scopoli, 1763) – (3, 28) IX.

Tribe Coleocentrini Clément, 1938

Coleocentrus Gravenhorst, 1829

C. caligatus Gravenhorst, 1829 – (2, 3, 28) VI.

C. exareolatus Kriechbaumer, 1894 – (2, 3, 28) a.u; V-VI.

C. excitator (Poda, 1761) – (2, 3, 28) a.u; VI.

Subfamilia Cylloceriinae Wahl, 1990

Cylloceria Schiødte, 1838

C. melancholica (Gravenhorst, 1820) (= *C. caligata* (Gravenhorst, 1829) – (2, 28) a.u, s; VIII.

C. suerinensis (Brauns, 1905) – (2, 28) a.u; VIII.

Subfamilia Diplazontinae Viereck, 1918

Diplazon Nees, 1819

D. laetatorius (Fabricius, 1781) – (1, 2, 28) a.u, p.p, p.m; VII-VIII.

Promethes Förster, 1869

P. sulcator (Gravenhorst, 1829) – (2, 28) VIII.

Sussaba Cameron, 1909

S. cognata (Holmgren, 1858) – (2, 28) a; VIII.

Tymmophorus Schmiedeknecht, 1913

T. erythrozonus (Förster, 1850) (= *T. rufiventris* (Gravenhorst, 1829)) – (2, 28) a.u; VIII.

Subfamilia Alomyinae Förster, 1869

Alomya Panzer, 1806

A. punctalata (Schellenberg, 1802) (= *A. ripulator* Bauer, 1966) – (2) b; V; R.

Subfamilia Ichneumoninae Latreille, 1802

Tribe Platylabini Berthoumieu, 1904

Apaeleticus Wesmael, 1845

A. bellicosus Wesmael, 1845 – (2, 27) p.p, p.m; VI-IX; S.

A. inimicus (Gravenhorst, 1820) – m.d; VIII; S.

A. mesostictus (Gravenhorst, 1829) – (8) p.s, p.p; VIII; S.

Asthenolabus Heinrich, 1951

A. vitratorius (Gravenhorst, 1829) p; VI; S.

Cyclolabus Heinrich, 1936

C. nigricollis (Wesmael, 1845) – (8) p.p, m.w, m.d, s.h, s-a; b.p, s, s.o, a.u, p.s, p.m; V-X; U.

C. pactor (Wesmael, 1845) – p.s; VIII; S.

Dentilabus Heinrich, 1974

D. variegatus (Wesmael, 1845) – p.p, s-a; R.

Ectopius Wesmael, 1859

E. rubellus (Gmelin, 1790) – (27) a.u; VIII; S.

Ectopoides Heinrich, 1951

E. detritus (Holmgren, 1878) – p.p; VIII; S.

Hypomecus Wesmael, 1845

H. quadriannulatus (Gravenhorst, 1829) – (2, 8) p.p, p.s, a.u, s, b.p, m.w, p.m; V-X; U.

Linycus Cameron, 1903

L. exhortator (Fabricius, 1787) – (2) m.d, m.w, a.u, p, p.p; V-IX; U.

Notoplatylabus Heinrich, 1936

N. podolicus Heinrich, 1936 – (2, 7, 27) a.u, s-a; s.o, b.p, p.p; V-VIII; R.

Platylabus Wesmael, 1845

P. concinnus Thomson, 1888 – a.u; VIII; S.

P. curtorius (Thunberg, 1822) (= *P. eurygaster* Holmgren, 1871) – b.p; VI; S.

P. histrio Wesmael, 1855 – (8) p.s; VIII; S.

P. iridipennis (Gravenhorst, 1829) – (2, 8) m.d, s.o, p.p, p.s; V-IX; S.

P. odiosus Perkins, 1953 – (8) m.w; IX; S.

P. opaculus Thomson, 1888 – (8) p.p, p.s; VI, VIII; S.

P. orbitalis (Gravenhorst, 1829) (= *P. volubilis* (Gravenhorst, 1829)) – m.d; VIII; S.

P. rufus Wesmael, 1845 – (27) a.u; VIII; S.

P. tenuicornis (Gravenhorst, 1829) – a.u; X; S.

P. transversus Bridgman, 1889 – m.w; VIII; S.

P. tricingulatus (Gravenhorst, 1820) – p.p, p.s, s.o, s-a; V-VI, VIII-IX; R.

P. vibratorius (Thunberg, 1822) (= *P. rufiventris* Wesmael, 1845) – (8) m.d, a.u, p.s; VI-VII, IX; E.

Poecilostictus Ratzeburg, 1852

P. cothurnatus (Gravenhorst, 1829) – (27) p.p, p.m; VI-VII, X; R.

Pristicerops Heinrich, 1961

P. laetepictus (Costa, 1863) – p.p; VI; S.

!Tribe Clypeodromini Tereshkin, 1992

!Clypeodromus Tereshkin, 1992

!C. thyridialis Tereshkin, 1992 – (6, 8, 27) p.s; VII-VIII; R.

Tribe Eurylabini Heinrich, 1934

Eurylabus Wesmael, 1845

E. torvus Wesmael, 1845 – (2, 27) m.d, a.u, s.o, p.p; V-VIII; U.

Probolus Wesmael, 1845

P. concinnus Wesmael, 1853 – m.d, a.u, p; VI, VIII-IX; S.

P. culpatorius (Linnaeus, 1758) – (2) m.d, m.w, b, a.u; VI-IX; R.

Tribe Goedartiini Townes, 1961

Goedartia Boie, 1841

G. alboguttata (Gravenhorst, 1829) – (27) VI; S.

Tribe Listrodromini Förster, 1869

Anisobas Wesmael, 1845

A. hostilis (Gravenhorst, 1820) – p.p, p.s; VI-VII; S.

A. platystylus Thomson, 1888 – (8) p.s, p.p; V-VII; U.

Listrodromus Wesmael, 1845

L. nyctemerus (Gravenhorst, 1820) – (8, 27) m.d, a.u, m.w, p.p, p.s; VI-VIII; S.

Pithotomus Kriechbaumer, 1888

P. rufiventris Kriechbaumer, 1888 – p.s; VI; S.

Tribe Joppocryptini Viereck, 1918

Pseudoplatylabus Smits van Burgst, 1929

P. violentus (Gravenhorst, 1829) – (2, 8) p.p, s, m.d, p.s; V-VII, IX; R.

Tribe Ichneumonini Latreille, 1802

Subtribe Cratichneumonina Heinrich, 1967

Aoplus Tischbein, 1874

A. biannulatorius (Thunberg, 1822) (= *A. pulchricornis* (Gravenhorst, 1829)) – (8, 19, 29) p.p, p.s; V-VI; S.

A. castaneus (Gravenhorst, 1820) – (8, 19, 29) p.p, p.s, s.o, s-a, p.m; V-VII, IX-X; U.

A. defraudator (Wesmael, 1845) – (8, 19, 29) p.s; VII; S.

A. deletus (Wesmael, 1845) (= *A. praestigator* (Wesmael, 1845)) – (2, 8, 19, 29) p.s, b; VI-VII; S.

A. lugubris (Berthoumieu, 1896) – (8, 19, 29) p.p, p.s, s.o, s-a; b.p; VI-VIII; U.

- A. mustela* (Kriechbaumer, 1895) – (19, 29) p.p, p.s, a.u, s.o, s.h, m.d; V-VII, IX; R.
A. ochropis (Gmelin, 1790) – (19, 29) p.s, m.d, m.w, s.o, s.h, p.p; V-X; R.
A. personatus (Gravenhorst, 1829) – (2, 19, 29) m.d, m.w, a.u, p.p; VI-VII, IX-X; R.
A. ruficeps (Gravenhorst, 1829) – (8, 19, 29) p.s, m.d, a.u, s, s-a, p.p; V-VI, VIII-IX; U.
A. theresae (Berthoumieu, 1896) (= *A. sphinx* Heinrich, 1949) – (19, 29) p.p; V; S.
A. torpidus (Wesmael, 1857) – (2, 8, 19, 29) a.u, s.o, p.s; IV-VII; S.

Baranisobas Heinrich, 1972

- B. ridibundus* (Gravenhorst, 1829) – (11, 22, 29) p.p, p.s, a.u, s-a; V-VII, X; U.
! *B. sinetuber* Tereshkin, 2003 – (11, 29) m.d, p.p; V; S.

Barichneumon Thomson, 1893

- B. anator* (Fabricius, 1793) – (20, 21, 29) m.d; VI; S.
B. bilunulatus (Gravenhorst, 1829) – (8, 20, 21, 29) p.p, p.s; V-X; U.
B. derogator (Wesmael, 1845) – (20, 21, 29) m.d; VI; S.
B. peregrinator (Linnaeus, 1758) – (20, 21, 29) m.d; VII; S.
B. perversus (Kriechbaumer, 1893) – (8, 20, 21, 29) p.s, p.p; V-VII, X; U.
B. plagiarius (Wesmael, 1848) – (20, 21, 29) s-a, p.p; VI-VII, X; S.
B. praeceptor (Thunberg, 1822) – (8, 20, 21, 29) p.p, p.s, m.d, s-a, p.m; V-X; M.
! *B. scopanator* Tereshkin, 2004 – (20, 21, 22, 29) m.d; VI; S.
! *B. scopulatus* Tereshkin, 2004 – (20, 21, 29) p.s, p.p, s-a; V-VIII; M.

Cratichneumon Thomson, 1893

- C. (=Syaonia) foersteri* (Wesmael, 1848) – (8, 14, 15, 29) p.s, s, s-a, p.p; V-VIII; U.
C. armillatops Rasnitsyn, 1981 – (8, 14, 15, 29) p.s, p.p, s.o, s-a, m.d, m.w; V-VIII; M.
C. culex (Müller, 1776) – (8, 14, 15, 29) p.s, p.p, s.o, b.p, m.w, m.d, p.m; V-VII, X; U.
C. dissimilis (Gravenhorst, 1829) – (8, 14, 15, 29) p.p, s.h, s-a, s.o, p.s; VI, VIII-IX; U.
C. fabricator (Fabricius, 1793) – (2, 8, 14, 15, 29) p.p, m.d, p.s, s.h, s.o, b.p, a.u; V-IX; R.
C. infidus (Wesmael, 1848) – (14, 15, 29) m.d, p.p, a.u, s-a; VI-VIII; R.
C. jocularis (Wesmael, 1848) (= *C. punctifrons* Holmgren, 1864)) – (8, 14, 15, 29) p.s, p.p, s; a.u; V-IX; R.
C. pallitarsis (Thomson, 1887) – (8, 14, 15, 29) p.s; VI; S.
C. rufifrons (Gravenhorst, 1829) – (2, 8, 14, 15, 29) p.s, b.p, a.u; V-VI, VIII; R.
C. sicarius (Gravenhorst, 1829) – (2, 8, 14, 15, 29) p.s, p.p, s.o, s-a, p.m, m.d, b.p; V-X; M.
! *C. unificatus* Tereshkin, 2003 – (14, 22, 27, 29) p.s; VI; S.
C. versator (Thunberg, 1822) – (2, 8, 14, 15, 29) p.s, p.p, s-a, s.o, p.m, b.p, m.d, a.u; V-X; U.
C. viator (Scopoli, 1763) – (2, 8, 14, 15, 29) p.s, p.p., p.m, s.o, m.d, s-a; V-X; AD.

Crypteffigies Heinrich, 1961

- C. albilarvatus* (Gravenhorst, 1820) – (8, 22, 25, 29) p.s, p.p, s.o, s-a, b.p, p.m; V-VI; U.
C. lanius (Gravenhorst, 1829) – (25, 29) o; VI; S.

Eristicus Wesmael, 1845

- E. clarigator* (Wesmael, 1845) – (8, 16, 29) s.o, p.s, p.m; VI-VII; S.
E. clericus (Gravenhorst, 1829) – (16, 22, 29) a.u; VI; S.

Eupalamus Wesmael, 1845

- E. lacteator* (Gravenhorst, 1829) – (2, 8, 18, 22, 29) p.p, p.s, s.o, s-a, a.u, p.m; VI-IX; U.
E. oscillator Wesmael, 1845 – (2, 8, 18, 22, 29) a.u, p.p, p.s, s-a; s.o; VI-IX; S.
E. wesmaeli (Thomson, 1886) – (2, 8, 18, 29) p.p, p.s, p.m, a.u, s.o, s-a; VI-IX; M.

Gareila Heinrich, 1980

G. patruelis (Holmgren, 1864) (= *Cratichneumon patruelis* (Holmgren, 1864)) – (29) p.s; VI-VIII; S.

G. tenebrosa (Wesmael, 1845) (= *Cratichneumon tenebrosus* (Wesmael, 1845)) – (8, 29) p.s, p.p, a.u; VI-VII; S.

Homotherus Förster, 1869

H. locutor (Thunberg, 1822) – (2, 8, 23, 29) p.p, p.s, m.d, m.w, a.u, s.o, p.m; V-X; U.

H. varipes (Gravenhorst, 1829) – (2, 8, 23, 29) p.s, p.p, s.h, s-a; a.u, m.d, s.o; V-X; U.

Melanichneumon Thomson, 1893

M. albipictus (Gravenhorst, 1820) – (25, 29) m.d; VI, IX; S.

M. designatorius (Linnaeus, 1758) – (2, 8, 25, 29) p.s, p.p, s.o, a.u, m.d; IV, VI-VIII; S.

M. melanarius (Wesmael, 1845) – (8, 22, 25, 29) p.s, p.p, a.u, m.d; VI-VIII; M.

Platylabops Heinrich, 1950

P. virginalis (Wesmael, 1845) – (8, 22, 26, 29) p.s, p.p; V-VI, VII-X; R.

Rhadinodonta Szépligeti, 1908

Rh. flaviger (Wesmael, 1845) – (8, 16, 22, 29) p.s, p.p, s, a.u; V-VIII, XI(hibernation) U.

Rh. rufidens (Wesmael, 1845) – (8, 10, 16, 22, 29) p.s; V, VIII; S.

Rictichneumon Heinrich, 1961

R. pachymerus (Hartig, 1838) – (16, 29) p.p, m.d; VI, VIII; S.

Rugosculpta Heinrich, 1967

R. gemella (Gravenhorst, 1829) (*R. controversa* (Schmiedeknecht, 1928)) – (29) p.s; VI; S.

Stenaoplus Heinrich, 1938

S. pictus (Gravenhorst, 1829) – (8, 22, 23, 29) p.s, p.p, p.m; V-VIII; U.

Stenobarichneumon Heinrich, 1961

S. basalis (Perkins, 1960) – (26, 29) p.p; VI; S.

S. basiglyptus (Kriechbaumer, 1890) – (8, 22, 26, 29) m.d, p.s, p.p, m.w, p.m, s.o, s-a; V-IX; U.

Virgichneumon Heinrich, 1977

V. albilineatus (Gravenhorst, 1820) – (24, 29) m.d; S.

V. albosignatus (Gravenhorst, 1829) – (24, 29) m.d; VI-VII; S.

V. digrammus (Gravenhorst, 1820) – (8, 24, 29) p.s; VIII; S.

V. dumeticola (Gravenhorst, 1829) – (8, 22, 24, 29) p.s, p.p, p.m, s.o, s-a, b.p; V-X; M.

V. faunus (Gravenhorst, 1829) – (8, 24, 29) p.s, p.p, a.u, m.d; VI-VIII; U.

V. krapinensis (Schmiedeknecht, 1928) – (8, 24, 29) p.s, p.p, m.d; V-VI, VIII; R.

V. monostagon (Gravenhorst, 1820) – (24, 29) m.d, p.p; VI-VII; R.

V. tergenus (Gravenhorst, 1820) – (24, 29) V; S.

Vulgichneumon Heinrich, 1961

V. bimaculatus (Schrank, 1776) – (2, 8, 17, 29) p.s, p.p, m.d, a.u, p.m, s-a; b.p; V-IX; U.

V. deceptor (Scopoli, 1763) – (8, 17, 29) p.s, m.d, p.p; V-VIII; U.

V. saturatorius (Linnaeus, 1758) – (2, 8, 17, 29) p.p, p.s, a.u, m.w, m.d; V-X; U.

V. suavis (Gravenhorst, 1820) – (2, 8, 17, 29) p.s, p.p, m.d, s, b.p; V-VIII; U.

Subtribe *Ichneumonina* Latreille, 1802

Chasmias Ashmead, 1900

Ch. lugens (Gravenhorst, 1829) – (8) p.p, p.s, a.u, m.d; V-VI, IX-X; S.

Ch. motatorius (Fabricius, 1775) – (2, 8) p.s, p.p, a.u, m.d, s.o, p.m; IV-X; U.

Exephanes Wesmael, 1845

E. ischioxanthus (Gravenhorst, 1829) – m.d; V-VI; S.

E. occupator (Gravenhorst, 1829) – (8) p.s, p.p; V-VI, VIII-IX; R.

Ichneumon Linnaeus, 1758

I. albiger Wesmael, 1845 – (8, 12, 33) p.s, p.p, s.o, m.d, b.p; V-VIII, X; R.

I. alpestriops Heinrich, 1951 – (8, 12, 33) p.s; V-VII; S.

I. altaicola Heinrich, 1978 – (12, 33) p.m; VI; S.

I. amphibolus Kriechbaumer, 1900 – (8, 12, 33) p.s, p.p, p.m; V-VII, IX-X; R.

I. analis Gravenhorst, 1829 – (8, 12, 33) p.s, V, VIII; S.

I. analisorius Heinrich, 1952 – (8, 12, 33) p.s; V, VII, VIII; S.

I. bellipes Wesmael, 1845 – (8, 12, 33) p.s, p.p; V-VI, VIII; S.

I. cessator Müller, 1776 – (12, 33) p.p; X; S.

I. confusor Gravenhorst, 1820 – (8, 33) p.s, p.p; V-VII, X; S.

I. connectens Roman, 1904 – (8, 12, 33) p.s; V-VIII; U.

I. cynthiae Kriechbaumer, 1888 – (12, 33) p.s; V; E,

I. delator Wesmael, 1845 – (12, 33) p.s; VII-VIII; U.

I. didymus Gravenhorst, 1829 – (8, 12, 33) p.s; V-VIII; S.

I. emancipatops Heinrich, 1978 – (8, 12, 33) p.s; V; S.

I. emancipatus Wesmael, 1845 – (12, 33) p.p; V-VI; S.

I. erythromerus Wesmael, 1857 – (12, 33) VI; S.

I. exilicornis Wesmael, 1857 – (12, 33) p.s, p.p; V-VIII; S.

I. extensorius Linnaeus, 1758 – (2, 12, 33) p.p, a.u, m.d, m.w; V-X; R.

I. formosus Gravenhorst, 1829 – (2, 12, 33) p.s; V-VII; U.

I. fulvicornis Gravenhorst, 1829 – (2, 12, 33) p.s; V-VII; R.

I. gracilentus Wesmael, 1845 – (2, 8, 12, 33) p.p, p.s, p.m, s.o, s.o, s-a; a.u; V-X; M.

I. gracilicornis Gravenhorst, 1829 (= *I. longisectus* Berthoumieu, 1895) – (8, 12, 33) p.s, p.p, p.m; V-VIII, X; R.

I. haemorrhoidicus crassigena Kriechbaumer, 1890 (= *I. albicollis* Wesmael, 1857) – (2, 12, 33) p.p; VI-VII; S.

I. hinzi Heinrich, 1972 – (8, 12, 33) p.s; V; S.

I. hypolius Thomson, 1888 – (12, 33) p.s, b.p; V-VI; S.

I. ingratus (Hellén, 1951) – (8, 12, 33) p.p, p.s; VI, VIII; S.

I. insidiosus Wesmael, 1845 – (8, 12, 33) p.s; V-VI; S.

I. languidus Wesmael, 1845 (= *I. immisericors* Tischbein, 1876) – (8, 12, 33) p.s; V; S.

I. latrator Fabricius, 1781 – (8, 12, 33) p.s, m.d, p.p, m.w; V-X; M.

I. ligatorius Thunberg, 1822 – (8, 12, 33) p.s; VI; S.

I. melanobatus Gravenhorst, 1829 – (2, 8, 12, 33) p.s, p.p, p.m; V-X; U.

I. melanotis Holmgren, 1864 – (8, 12, 33) p.s, p.p, a.u, s.o, m.w; IV(hibernation)-VI, VIII; R.

I. memorator Wesmael, 1845 – (12, 33) p.s, s-a; V; S.

I. minutorius Desvignes, 1856 – (2, 8, 12, 33) p.s, p.p, p.m, s.o, s-a, m.w, m.d.; V-VIII; M.

I. molitorius Linnaeus, 1761 – (2, 8, 12, 33) p.s, p.p, p.m, a.u, m.d, m.w; V-IX; R.

I. multipictus Gravenhorst, 1820 – (12, 33) p.p; VI; S.

I. nebulosae Hinz, 1975 – (8, 12, 33) p.s; VIII; S.

I. nigroscutellatus Kriechbaumer, 1897 (= *I. megapodius* Heinrich, 1949) – (12, 33) p.s; VI; S.

I. observandus Heinrich, 1951 – (8, 12, 33) p.s, m.d; V-VI; S.

I. primatorius Förster, 1771 – (2, 8, 12, 33) p.s; VI-VII; S.

- I. sarcitorius* Linnaeus, 1758 – (2, 12, 33) m.d, p.s, a.u; VII-VIII; S.
I. sculpturatus Holmgren, 1864 (= *I. nereni* Thomson, 1887) – (8, 12, 33) p.s, p.p; V-VIII; R.
I. silaceus Gravenhorst, 1829 – (8, 12, 33) p.s; V-VI; R.
I. simulans Tischbein, 1873 – (8, 12, 33) p.s, p.p, s-a; p.m, m.d; V-X; M.
I. spurius Wesmael, 1848 – (8, 12, 33) p.s, p.p; V, VIII; S.
I. stramentarius Gravenhorst, 1820 – (12, 33) m.d; VIII; S.
I. terminatorius Gravenhorst, 1820 – (12, 33) m.d; V, VII-VIII; S.

Patrocloides Heinrich, 1961

- P. dubitatorius* (Sulzer, 1776) (= *P. chalybeatus* (Gravenhorst, 1829)) – (2, 8) p.s, p.p, m.w; V-VII; S.

Stenichneumon Thomson, 1893

- S. culinator* (Schrank, 1802) – (8) V-X; U.

Syspasis Townes, 1965

- S. albiguttata* (Gravenhorst, 1820) – (8) p.s, p.p, s.o, s-a; V-X; R.
S. haesitator (Wesmael, 1845) – p.p, m.w; V-VII; U.
S. lineator (Fabricius, 1781) – p.s; VI; S.
S. rufina (Gravenhorst, 1820) – p.p; VI; S.
S. scutellator (Gravenhorst, 1829) – p.s, p.p, a.u, m.d; V-VII, IX-XI; S.
S. tauma (Heinrich, 1951) – (8) p.p, p.s, p.m; V-VIII; R.

Thyrateles Perkins, 1953

- Th. camelinus* (Wesmael, 1845) – (8) p.s; VII-VIII; S.
Th. haereticus (Wesmael, 1845) – p.p; V; S.

Ulesta Cameron, 1903

- ! *U. nigroscutella* Tereshkin, 1993 – (7, 10) p; V; S.
U. perspicua (Wesmael, 1857) – (8) p.s, a.u, m.d; V-VI, XI; S.

Subtribe Amblytelina Viereck, 1918

Achais Cameron, 1903

- A. oratorius* (Fabricius, 1793) – (2, 8, 30, 32) p.s, p.p, p.m, a.u, b.p, s.o, s-a; a.u, m.d, m.w; V-X; U.

Ctenichneumon Thomson, 1894

- C. divisorius* (Gravenhorst, 1820) – (2, 30, 32) a.u; VIII; S.
C. edictorius (Linnaeus, 1758) – (30, 32) p, m.d; VI; S.
C. funereus (Geoffroy, 1785) – (30, 32) p.p, m.w; VI; S.
C. inspector (Wesmael, 1845) – (30, 32) p.p; VI; S.
C. repentinus (Gravenhorst, 1820) – (30, 32) m.d, a.u, p.p; VII-VIII; R.

Diphyus Kriechbaumer, 1890

- D. latebricola* (Wesmael, 1845) – (30, 32) p.s, p.p, b.p; V, VII; S.
D. luctatorius (Linnaeus, 1758) – (30, 32) p.p; VIII; S.
D. ochromelas (Gmelin, 1790) – (30, 32) a.u, m.d; VI-VII; S.
D. palliatorius (Gravenhorst, 1829) – (8, 30, 32) p.s, p.p, s.o, o; V, VII-VIII; S.
D. raptorius (Linnaeus, 1758) – (8, 30, 32) p.s, p.p, a.u; V, VII, IX; S.
D. restitutor (Wesmael, 1859) – (30, 32) p.s; IX; S.
D. salicatorius (Gravenhorst, 1820) (= *D. indocilis* (Wesmael, 1845)) – (2, 30, 32) a.u, p.p; VII, IX; S.

D. septemguttatus (Gravenhorst, 1829) – (30, 32) p; VIII; S.

Eutanyacra Cameron, 1903

E. crispatoria (Linnaeus, 1758) – (2, 8, 30, 32) p.s, p.p; V-X; U.

E. glaucatoria (Fabricius, 1793) – (8, 30, 32) p.s; VI-IX; U.

Hepiopelmus Wesmael, 1845

H. melanogaster (Gmelin, 1790) – (2, 8, 30, 32) p.p, p.s, p.m, s-a; o-κ; VI-IX; U.

Limerodes Wesmael, 1845

L. arctiventris (Schjødte, 1839) (= *L. arctiventris arctiventris* (Boie, 1841)) – (30, 32) a.u, m.d; VII, X; S.

Limerodops Heinrich, 1949

L. elongatus (Brischke, 1865) – (30, 32) p.m, p.p; VIII; S.

L. subsericans (Gravenhorst, 1820) – (2, 30, 32) p.p, m.d; V-VII, IX; R.

Spilichneumon Thomson, 1894

S. ammonius (Gravenhorst, 1820) – (8, 30, 32) p.s; V-VI; R.

S. celenae Perkins, 1953 – (8, 30, 32) p.s, p.p, a.u; V-X, XI(hibernation) M.

S. johansonii Holmgren, 1871 – (8, 30, 32) p.p, p.m, p.s; V-VIII; R.

S. limnophilus (Thomson, 1888) – (8, 30, 32) p.s, m.d; VII-VIII, X; S.

S. occissorius (Fabricius, 1793) – (30, 32) a.u; V; S.

Tricholabus Thomson, 1894

T. strigatorius (Gravenhorst, 1829) – (8, 30, 32) p.s, m.d, m.w; VI-VII; S.

Subtribe *Hoplismenina* Heinrich, 1967

Hoplismenus Gravenhorst, 1829

H. axillatorius (Thunberg, 1822) (= *H. albifrons* (Gravenhorst, 1829)) – p.s, m.d; VI, VIII; S.

H. bispinatorius (Thunberg, 1822) – (8) p.s, m.d, m.w, p.p; V-VIII; R.

H. pica Wesmael, 1855 – (8, 27) p.s, p.p, s.o, s-a; V-VI, VIII; S.

H. terrificus Wesmael, 1848 – (2) VI; S.

Zanthojoppa Cameron, 1901

Z. lutea (Gravenhorst, 1829) – p.m, p.p; VI; S.

Tribe *Protichneumonini* Heinrich, 1934

Amblyjoppa Cameron, 1902

A. proteus (Christ, 1791) – (8) p.s, p.p, s.o; VII-VIII; U.

Protichneumon Thomson, 1893

P. pisorius (Linnaeus, 1758) – (2, 8) p.p, p.s, s.o, a.u; VI-X; M.

Aglaojoppa Cameron, 1901

A. centummaculata (Christ, 1791) (= *Coelichneumon centummaculatus* (Christ, 1791)) – (5) p.p, s-a, s.o, p.m; VI-VII, IX-X; U.

Coelichneumon Thomson, 1893

C. atratorius (Villers, 1789) (= *C. multicolor* (Gmelin, 1790)) – (4, 5, 8) p.s; V-VIII; U.

C. biannulatus (Gravenhorst, 1820) (= *C. fasciatus* (Gmelin, 1790)) – (5, 8) p.p, p.s, s.o, p.m, s-a; V-VIII; M.

C. bilineatus (Gmelin, 1790) – p.p; VI; S.

C. castaniventris (Gravenhorst, 1829) – (5, 8) p.s, p.m, p.p, s.h; VI-VII; S.

- C. comitator* (Linnaeus, 1758) – (2, 5) m.d, m.w; V-VII; S.
C. consimilis (Wesmael, 1845) – (5) m.d; VI; S.
C. cretatus (Gravenhorst, 1820) – (2, 5, 8) a.u, s.o, p.s, p.p; VI-VIII; S.
C. cyaniventris (Wesmael, 1859) – (2, 5) p.s, m.d, p.p, m.w, a.u, p; VI-IX; U.
C. deliratorius (Linnaeus, 1758) – (2, 5) p.p, b, p.m, m.w; V-VI, VIII-X; R.
C. desinatorius (Thunberg, 1822) – (5, 8) p.p, p.s, s-a; p.m, s.o, m.d; V-X; U.
C. eburnifrons (Wesmael, 1857) (= *Syspasis eburnifrons* (Wesmael, 1857)) – (8) p.p, p.s, s-a; m.w; VI-VIII; U.
C. falsificus (Wesmael, 1845) – (5, 8) p.p, p.s, p.m, s.o, a.u, m.d; VI-X; U.
C. leucocerus (Gravenhorst, 1820) – (5, 8) p.s, m.w, s.o, s-a; a.u; VI-XI; R.
C. nigerrimus (Stephens, 1835) – (5, 8) p.s, p.p, p.m, m.d, s-a; s.o, m.w; V-X; D.
C. nobilis (Wesmael, 1857) – (8) p.s, p.m, s-a; V-VIII; U.
C. opulentus (Taschenberg, 1871) – (5) p.p, s.o, s-a; VI-VIII; U.
C. sinister (Wesmael, 1848) – (5, 8) p.s, p.p, p.m; V-VIII; M.
C. sugillatorius (Linnaeus, 1758) – (5, 8) p.p, p.s, s.o, m.d, p.m; V-VII; U.
C. tursor (Thunberg, 1822) – (31) p.s; VI-VIII; M.

Tribe Heresiarchini Ashmead, 1900

Heresiarches Wesmael, 1859

- H. eudoxius* (Wesmael, 1845) – s.o, p.p, p.s; VII; S.

Tribe Trogini (Förster, 1869)

Subtribe Callajoppina Heinrich, 1962

Callajoppa Cameron, 1903

- C. cirrogaster* (Schrank, 1781) – (8) p.s; VII; S.

Subtribe Trogina (Förster, 1869)

Trogus Panzer, 1806

- T. lapidator* (Fabricius, 1787) – (27) m.d; VI; S.

Notation conventions:

! – taxon new for science that is described from the reserve territory.

BIOTOPE:

- a – alder forest (Alnetum);
a.u – nettle alder forests (Alnetum urticosum);
as – aspen forest;
b – birch forest (Betuletum);
b.p – birch forest (pteridiosum);
f.p – flood plain;
m.d – meadow dry;
m.w – meadow wet;
p – pine forest (Pinetum);
p.p – polytric pine forest (Pinetum pleuroziosum);
p.s – bog moss pine forest; raised bog (Pinetum sphagnosum);
p.m – bilberry pine forest (Pinetum myrtillosum);

s – spruce forest (Piceetum);
s.b – bilberry scrub forest (Piceetum myrtillosum);
s.o – wood sorrel spruce forest (Piceetum oxalidosum);
s.h – haircap-moss spruce forest (Piceetum polytrichosum);
s-a – spruce-alder forest (Piceetum-Alnetum).

PERIOD OF SEASONAL ACTIVITY:

V-XI – month.

THE ABUNDANCE IN COLLECTIONS:

AD – absolute dominant 4195 samples, 32,69% in collections;

D – dominant 1837 samples, 14,32% in collections;

M – mass 115-519 samples, 0,90-3,7% in collections;

U – usual 20-94 samples, 0,16-0,73% in collections;

R – rare 10-19 samples, 0,08-0,15% in collections;

S – sporadic 1-9 samples, 0,01-0,07% in collections.

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