



Checklist of British and Irish Hymenoptera - Braconidae

Gavin R. Broad[‡], Mark R. Shaw[§], H. Charles J. Godfray[|]

[‡] The Natural History Museum, London, United Kingdom

[§] National Museums of Scotland, Edinburgh, United Kingdom

[|] University of Oxford, Oxford, United Kingdom

Corresponding author: Gavin R. Broad (g.broad@nhm.ac.uk)

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Abstract

Background

The checklist of British and Irish Braconidae is revised, based in large part on the collections of the National Museums of Scotland, Edinburgh, and the Natural History Museum, London. Distribution records are provided at the country level together with extensive synonymy and bibliography.

New information

Of the 1,338 species regarded as valid, presumed native and certainly identified, 83 are here recorded for the first time from the British Isles. One new synonym is established (*Dyscritus suffolciensis* Morley, 1933 = *Syntretus splendidus* (Marshall, 1887) **syn. nov.**)

Keywords

Britain, Ireland, fauna, Ichneumonoidea

Introduction

The Braconidae is one of two families of the superfamily Ichneumonoidea, along with the Ichneumonidae. Given the size of each family in Britain (over 1,300 braconids and 2,500 ichneumonids) we are publishing the two checklists separately. This is one part of a series of papers revising the British and Irish list of Hymenoptera, that started with Broad and Livermore (2014a), Broad and Livermore (2014b) and Liston et al. (2014). For the background and rationale behind these British Hymenoptera checklists see Broad (2014). The bases for the taxonomy are [Fauna Europaea](#) and Taxapad (Yu et al. 2012) (braconid data for both compiled by Kees van Achterberg) but we have not relied on these sources for data on species occurrence in Britain. Rather, we have relied mostly on the primary literature and collections, especially NMS and BMNH. Indeed, large parts of the checklist rely on original work, identifying specimens in these collections.

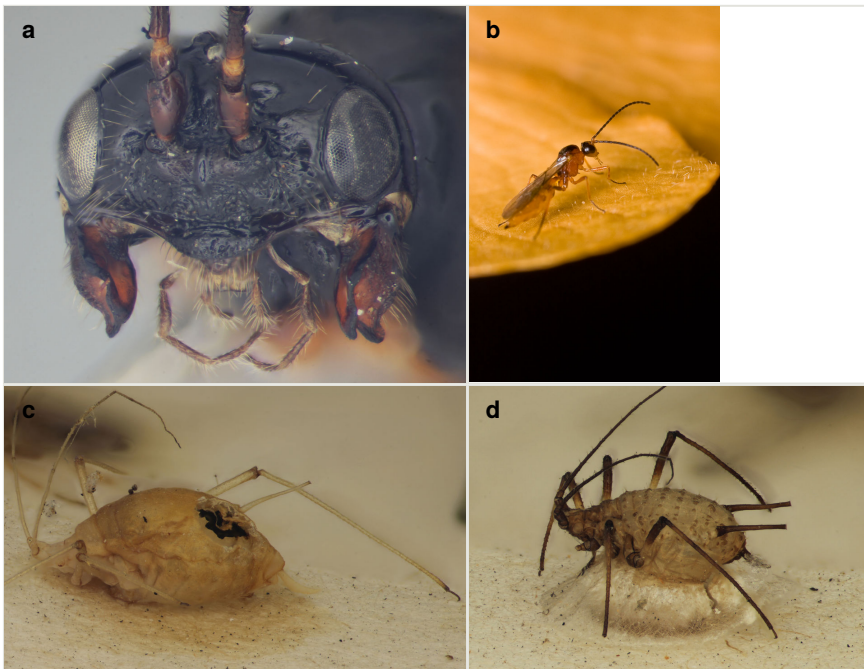


Figure 1.

Representative British Braconidae: Alysiinae and Aphidiinae

a: Face of *Alysia manducator* (Panzer) (Alysiinae), with exodont mandibles for emerging from Diptera puparia. BMNH specimen.

b: *Pauesia* sp. (Aphidiinae) (courtesy of P. Adams)

c: *Aphidius ervi* (Haliday) (Aphidiinae): mummified aphid host that the braconid pupates within. BMNH specimen.

d: *Praon volucre* (Haliday) (Aphidiinae): mummified aphid host with the braconid pupa beneath. BMNH specimen.

Much of the synonymy adopted here is equivalent to the German list (Belokobylskij et al. 2003) but where there are taxonomic differences of opinion, usually van Achterberg's interpretation has been followed, largely for consistency with Fauna Europaea, but also because of van Achterberg's experience with many groups of braconids. The biggest departure from these sources is in the generic classification of Microgastrinae, for which we largely follow Mason (1981).

We reference all additions to and deletions from the British list since Huddleston (1978) and record country-level distribution within the British Isles, but regarding Ireland as one. We made much use of O'Connor et al. (1999) for Irish records. Because the braconid literature is extensive and scattered we also provide many taxonomic references. The braconid section of the 1978 British checklist (Huddleston 1978) repeats many of Shenefelt's (e.g. Shenefelt 1973, Shenefelt 1974) mistakes and these are rectified here.

Figs 1, 2, 3, 4 illustrate a tiny part of the morphological and biological diversity of Braconidae. Shaw and Huddleston (1991) provide an introduction to the varied biology of this family of parasitoid wasps.



Figure 2.

Representative British Braconidae: Doryctinae, Meteorinae and Microgastrinae

a: *Dendrosoter protuberans* (Nees) (Doryctinae) male (courtesy of P. Adams)

b: *Zele albiditarsus* Curtis (Meteorinae) female (courtesy of E. Brosens)

c: *Cotesia affinis* (Nees) (Microgastrinae) larvae emerging from their *Laotloe populi* (L.) (Lepidoptera: Sphingidae) host and then spinning cocoons (courtesy of M. Boddington)

d: *Cotesia gonopterygis* (Marshall) (Microgastrinae) overwintering cocoon mass ex *Gonepteryx rhamni* (L.) (Lepidoptera: Pieridae) (M.R. Shaw)

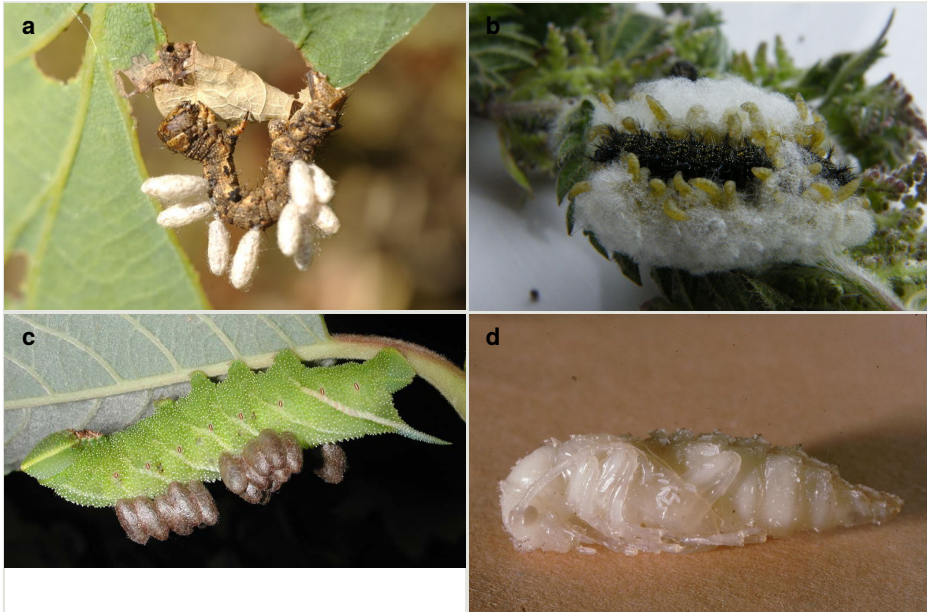


Figure 3.

Representative British Braconidae

a: *Cotesia spuria* (Wesmael) (Microgastrinae) cocoons ex larval host *Apocheima hispidaria* (D. & S.) (Lepidoptera: Geometridae) (courtesy of J. Voogd)

b: *Cotesia vanessae* (Reinhard) (Microgastrinae) emerging from larval host *Aglais urticae* (Linnaeus) (Lepidoptera: Nymphalidae) (courtesy of N. Spring)

c: *Microplitis ocellatae* (Bouché) (Microgastrinae) cocoons ex larval host *Smerinthus ocellatus* (Linnaeus) (Lepidoptera: Sphingidae) (courtesy of M. Boddington)

d: *Histeromerus mystacinus* Wesmael (Rhyssalinae) eggs on pupal host *Stictoleptura scutellata* (L.) (Coleoptera: Cerambycidae) (M.R. Shaw)

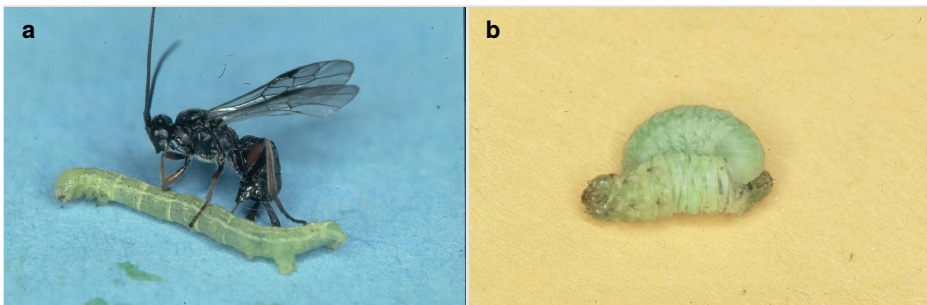


Figure 4.

Representative British Braconidae: Sigalphinae

a: *Acampsis alternipes* (Nees) ovipositing in larval host, *Alsophila aescularia* (D. & S.) (Lepidoptera: Geometridae) (M.R. Shaw)

b: *Acampsis alternipes* (Nees) larva emerging from its larval host *Alsophila aescularia* (D. & S.) (Lepidoptera: Geometridae) to complete its feeding externally (M.R. Shaw)

Materials and methods

For a more detailed description of the background and rationale to the Hymenoptera checklist, see Broad (2014). We have tried to account for every name on the 1978 (Huddleston 1978) checklist and have referenced all additions to and deletions from that list. We provide rather extensive synonymy and citations because if you do not have access to the Taxapad database (Yu et al. 2012) it can be very difficult to trace the fate of names in the voluminous and scattered literature. Conventions and abbreviations are listed below.

[*species*] taxon deleted from the British and Irish list

BMNH Natural History Museum, London

NMS National Museums of Scotland, Edinburgh

known introductions occurring only under artificial conditions

? status (including uncertain synonymy) or identification in the British Isles uncertain

misident. has been misidentified as this name

nom. dub. *nomen dubium*, a name of doubtful status

nom. ob. *nomen oblitum*, 'forgotten name', does not have priority over a younger name

nom. nov. *nomen novum*, a replacement name

nom. nud. *nomen nudum*, an unavailable name, with no type specimen

preocc. name preoccupied (junior homonym)

stat. rev. *status revocatus*, revived status (e.g., raised from synonymy)

unavailable name unavailable under provisions of the ICZN code

var. variety, only available as a valid name under certain provisions of the ICZN code

Word document and spreadsheet versions of the checklist are available in the supplementary materials. Future updates to the British and Irish list will be incorporated in an online version of the checklist at [Hymenoptera of the British Isles](#).

Agathidinae

Subfamily Agathidinae Haliday, 1833

Notes: Except for *Agathis* and ‘*Bassus*’ species (i.e. including *Lytopylus* and *Therophilus*), distribution and synonymic data from Nixon (1986).

Tribe Agathidini Nees, 1814

Nomenclature:

BASSINI Nees, 1812 invalid
 EUMICRODINI Förster, 1863
 BASSINI Förster, 1869 preocc.
 MICRODINI Ashmead, 1900
 MESOCOELINI Viereck, 1918
 ANEUROBRACONINI Fahringer, 1936
 EARININI Sharkey, 1992

Genus *Agathis* Latreille, 1804

Nomenclature:

AENIGMOSTOMUS Ashmead, 1900
METRIOSOMA Szépligetű, 1902
BAEOGNATHA Kokujev, 1903 synonymy by Achterberg (2011)
LISSAGATHIS Cameron, 1911
RHAMPHAGATHIS Tobias, 1962

Notes: Distribution and synonymic data from Nixon (1986) and Simbolotti and Achterberg (1999).

Species of *Agathis* excluded from the British and Irish list:

[*malvacearum* Latreille, 1805; syn. *panzeri* (Jurine, 1807, *Ichneumon*); *metzneriae* Muesebeck, 1967] Listed by Huddleston (1978); probably refers to *varipes*.

Agathis anglica Marshall, 1885

Nomenclature:

longicauda Kokujev, 1895 preocc.
 ?*marshalli* Fahringer, 1937

albanica Fischer, 1957
syriaca Fischer, 1957
caucasica Tobias, 1963
taiwanensis Chou & Sharkey, 1989

Distribution: England, Wales

***Agathis assimilis* Kokujev, 1895**

Nomenclature:

propinqua Kokujev, 1895
jakowlewi Kokujev, 1895
sibirica Telenga, 1933
anchisiades Nixon, 1986

Distribution: Scotland

Notes: added by Nixon (1986)

***Agathis breviseta* Nees, 1812**

Nomenclature:

achterbergi Nixon, 1986

Distribution: England, Scotland, Ireland

Notes: Simbolotti and Achterberg (1999) synonymised *Agathis achterbergi* Nixon, 1986 under *breviseta* but it is listed as a valid species in Taxapad (Yu et al. 2012).

***Agathis fuscipennis* (Zetterstedt, 1838)**

Nomenclature:

Microgaster fuscipennis Zetterstedt, 1838
breviseta misident.
rostrata misident.
glabricula Thomson, 1895
schmiedeknechti Kokujev, 1895
annulata Fahringer, 1937
meridionellae Fischer, 1957
albicostellae Fischer, 1966
artemesiana Fischer, 1966

Distribution: England, Ireland

***Agathis griseifrons* Thomson, 1895**

Nomenclature:

laticarpa Telenga, 1955

Distribution: England, Ireland

***Agathis lugubris* (Förster, 1863)**

Nomenclature:

Cenostomus lugubris Förster, 1863

minuta Niezabitowski, 1910

Distribution: England, Scotland, Wales, Ireland

Notes: added by Nixon (1986)

***Agathis montana* Shestakov, 1932**

Nomenclature:

zaykovi Nixon, 1986

Distribution: England

Notes: added by Simbolotti and Achterberg (1999)

***Agathis nigra* Nees, 1812**

Nomenclature:

testaceipes Fischer, 1957

kasachstanica Tobias, 1963

nixonii Belokobylskij & Jervis, 1998

Distribution: England

***Agathis rufipalpis* Nees, 1812**

Distribution: Ireland

***Agathis tibialis* Nees, 1814**

Nomenclature:

genualis Marshall, 1898

Distribution: England

Notes: NMS, det. van Achterberg, added here

***Agathis varipes* Thomson, 1895**

Nomenclature:

simulatrix Kokujev, 1895

rufipes Ivanov, 1899

dissimilis Shestakov, 1928

rufilabialis Fahringer, 1937

glabricollis Telenga, 1957

serratulae Tobias, 1963

lederi Fischer, 1968

ariadne Nixon, 1986

Distribution: England

Notes: added by Nixon (1986)

Genus *Bassus* Fabricius, 1804

Nomenclature:

MICRODUS Nees, 1814

DIPLOZON Haliday, 1833

EURYZONA Haliday, 1838 nom. nud.

EUMICRODUS Förster, 1863

HEMIOGASTER Enderlein, 1920 synonymy by Achterberg and Long (2010)

Notes: Following molecular phylogenetic analysis of Agathidinae (Sharkey et al. 2006), the genus *Bassus* l. was recognised as being a polyphyletic assemblage. Species are now being described in or reassigned to *Lytopylus*, *Thermophilus* and the non-British *Camptothlipsis* (Sharkey et al. 2009, Stevens et al. 2010, Stevens et al. 2011, Achterberg and Long 2010, Achterberg 2011) but very few European species have been formally transferred. The species on the British list have therefore been reassigned here on the bases of recent generic keys (e.g. Sharkey et al. 2009) in anticipation of future taxonomy. Whereas *Bassus* s. is now restricted to a small group of species (only one in Britain), *Therophilus* remains large and probably para- or polyphyletic. Distribution and synonymic data for *Bassus*, *Lytopylus* and *Therophilus* from Nixon (1986) and Simbolotti and Achterberg (1992).

Bassus calculator* (Fabricius, 1798)*Nomenclature:**

Ichneumon calculator Fabricius, 1798

abscissus (Ratzeburg, 1844, *Microdus*)

Distribution: England

Genus *Earinus* Wesmael, 1837**Nomenclature:**

Förster, 1863

Earinus elator* (Fabricius, 1804)*Nomenclature:**

Banchus elator Fabricius, 1804

nitidulus (Nees, 1814, *Microdus*)

thoracicus (Nees, 1834, *Microdus*)

major (Fonscolombe, 1846, *Agathis*)

pilosus Tobias, 1960

Distribution: England, Scotland, Ireland

Earinus gloriatorius* (Panzer, 1809)*Nomenclature:**

Bassus gloriatorius Panzer, 1809

gloriator (Nees, 1812, *Microdus*)

ochropes (Curtis, 1829, *Microdus*) nom. nud.

affinis (Wesmael, 1837, *Microdus*)

delusor (Wesmael, 1837, *Microdus*)

tuberculatus (Wesmael, 1837, *Microdus*)

varicoxis (Wesmael, 1837, *Microdus*)

niger (Zetterstedt, 1838, *Microgaster*)

bicingulatus (Thomson, 1895, *Agathis*)

ochropes Lyle, 1920

ruficoxis Fahringer, 1937

Distribution: England, Scotland, Ireland, Isle of Man

***Earinus transversus* Lyle, 1920**

Distribution: England

Notes: distribution data from Shaw (2005)

Genus *Lytopylus* Förster, 1863**Nomenclature:**

AEROPHILUS Szépligeti, 1902 synonymy by Sharkey et al. (2006)

NEOMICRODUS Szépligeti, 1908

AEROPHILOPSIS Viereck, 1913

AEROPHILINA Enderlein, 1920

IOXIA Enderlein, 1920

HORMAGATHIS Brues, 1926

OBESOMICRODUS Papp, 1971

FACILAGATHIS van Achterberg & Chen, 2004

Notes: See comments under *Bassus*; generic synonymy from Sharkey et al. (2009).

Lytopylus rufipes* (Nees, 1814)*Nomenclature:**

Microdus rufipes Nees, 1814

germanicus (Enderlein, 1904, *Braunsia*)

diversus Muesebeck, 1933

amurensis (Shestakov, 1940, *Microdus*)

Distribution: England

Genus *Therophilus* Wesmael, 1837**Nomenclature:**

ORGILONEURA Ashmead, 1900

AGATHIELLA Szépligeti, 1902

AEROPHILIODES Strand, 1911

Notes: See comments under *Bassus*; generic synonymy from Sharkey et al. (2009).

Species excluded from the British and Irish list:

[*brevicaudis* (Reinhard, 1867, *Microdus*)] Listed as a 'species inquirendae' by Nixon (1986) but included as a German species by Simbolotti and Achterberg (1992). Transferred to *Bassus* by Simbolotti and Achterberg (1999) but not listed as a species of *Therophilus* by Sharkey and Stoelb (2012).

[*nugax* (Reinhard, 1867, *Microdus*); syn. *rufiventris* (Abdinbekova, 1975, *Microdus*)] Listed by Huddleston (1978) but no mention of British specimens by Nixon (1986) or Simbolotti and Achterberg (1992).

***Therophilus arcuatus* (Reinhard, 1867)**

Nomenclature:

Microdus arcuatus Reinhard, 1867

Notes: Taken out of synonymy with *conspicuus* by Simbolotti and Achterberg (1992).

***Therophilus cingulipes* (Nees, 1812)**

Nomenclature:

Microdus cingulipes Nees, 1812

nantouensis Chou & Sharkey, 1989

Distribution: England, Ireland

***Therophilus clausthalianus* (Ratzeburg, 1844)**

Nomenclature:

Ichneumon clausthalianus Ratzeburg, 1844

Distribution: England, Ireland

***Therophilus conspicuus* (Wesmael, 1837)**

Nomenclature:

Microdus conspicuus Wesmael, 1837

zonatus (Marshall, 1885, *Earinus*)

carpocapsae Cushman, 1915

angustatus (Telenga, 1955, *Microdus*)

variabilis Chou & Sharkey, 1989

Distribution: England, Ireland

Therophilus tegularis* (Thomson, 1895)*Nomenclature:**

Agathis tegularis Thomson, 1895

Distribution: England

Notes: added by Simbolotti and Achterberg (1992)

Therophilus tumidulus* (Nees, 1812)*Nomenclature:**

Microdus tumidulus Nees, 1812

intermedius (Ivanov, 1899, *Eumicrodus*)

annae (Enderlein, 1908, *Microdus*)

aino (Watanabe, 1937, *Microdus*)

ruficoxis (Fahringer, 1937, *Microdus*)

rufus (Fahringer, 1938, *Microdus*)

bicolor (Shestakov, 1940, *Microdus*) preocc.

victoris (Telenga, 1955, *Microdus*)

shestakovi (Shenefelt, 1970, *Agathis*)

anuphrievi (Tobias, 1986, *Microdus*)

Distribution: England, Scotland, Ireland

Genus *Therophilus* Wesmael, 1837

Notes: Species *incertae sedis* within Agathidinae; Sharkey and Stoelb (2012) defined *Therophilus* as a monophyletic genus and listed the included species, but several species currently classified in *Therophilus* are of uncertain generic placement.

? *Therophilus dimidiator* (Nees, 1834)**Nomenclature:**

Microdus dimidiator Nees, 1834

cingulator (Ratzeburg, 1852, *Microdus*)

laticinctus (Cresson, 1873, *Microdus*)

ocellanae (Richardson, 1913, *Microdus*)

Distribution: England

Notes: Listed by Huddleston (1978) but no mention of British specimens by Nixon (1986), who states, however, that the traditional interpretation of the species is probably correct. No British or Irish specimens were seen by Simbolotti and Achterberg (1992) but van Achterberg has identified an English specimen in BMNH as *Therophilus dimidiator*.

? ***Therophilus epinotiae* (van Achterberg, 1992)**

Nomenclature:

Bassus epinotiae van Achterberg, 1992

Distribution: England

Notes: added by Simbolotti and Achterberg (1992)

? ***Therophilus linguarius* (Nees, 1812)**

Nomenclature:

Microdus linguarius Nees, 1812

minor (Enderlein, 1908, *Microdus*)

kaszabi (Papp, 1967, *Vipio*)

Distribution: England

? ***Therophilus mediator* (Nees, 1814)**

Nomenclature:

Microdus mediator Nees, 1814

lugubrador (Ratzeburg, 1852, *Microdus*)

Distribution: England

Notes: Transferred from *Agathis* by Simbolotti and Achterberg (1999).

? ***Therophilus pumilus* (Ratzeburg, 1844)**

Nomenclature:

Microdus pumilus Ratzeburg, 1844

Distribution: England

Notes: NMS, det. Shaw, added here; listed by Huddleston (1978) but no mention of British specimens by Nixon (1986) or Simbolotti and Achterberg (1992). Transferred from *Agathis* by Simbolotti and Achterberg (1999) but listed as a species of *Agathis* in Taxapad (Yu et al. 2012).

? *Therophilus rugulosus* (Nees, 1834)**Nomenclature:**

Microdus rugulosus Nees, 1834

compeditus (Vollenhoven, 1878, *Microdus*)

punctatus (Abdinbekova, 1975, *Microdus*)

Distribution: England, Ireland

Alysiinae**Subfamily Alysiinae Leach, 1815****Tribe Alysiini Leach, 1815****Nomenclature:**

ALLOEINI Ashmead, 1900

Genus *Adeluroloa* Strand, 1928**Nomenclature:**

ADELURA Förster, 1863 preocc.

NEOCARPA Fischer, 1966

Adeluroloa florimela* (Haliday, 1838)*Nomenclature:**

Alysia florimela Haliday, 1838

multiarticulata (Marshall, 1898, *Phaenocarpa*)

pentapleuroides (Fischer, 1971, *Dapsilarthra*) unavailable

Distribution: England, Scotland, Ireland, Isle of Man

Genus *Alloea* Haliday, 1833**Nomenclature:**

DIASPASTA Förster, 1863

LAMADATHA Cameron, 1900

Alloea contracta* Haliday, 1833*Nomenclature:**

testaceipes (Cameron, 1900, *Lamadatha*)

Distribution: England, Scotland, Wales, Ireland

***Alloea lonchopterae* Fischer, 1966**

Distribution: England, Isle of Man

Notes: Added by Godfray and Bland (2011) English record from specimen in BMNH.

Genus *Alysia* Latreille, 1804**Subgenus *Alysia* Latreille, 1804****Nomenclature:**

CECHENUS Illiger, 1807

BASSUS Nees, 1812

GONIARCHA Förster, 1863

STROPHAEA Förster, 1863

Notes: Much of the taxonomy and distribution from Wharton (1986).

Species of *Alysia* (*Alysia*) excluded from the British and Irish list:

[*cingulata* Nees, 1834 nom. dub.]

Alysia (Alysia) alticola* (Ashmead, 1890)*Nomenclature:**

Pentapleura alticola Ashmead, 1890

soror Marshall, 1894

Distribution: England, Scotland, Wales, Isle of Man

***Alysia (Alysia) frigida* Haliday, 1838**

Distribution: England

Notes: added by Godfray and Achterberg (2015)

***Alysia (Alysia) incongrua* Nees, 1834**

Distribution: England, Scotland, Ireland

***Alysia (Alysia) lucia* Haliday, 1838**

Nomenclature:

diversiceps Fischer, 1967

Distribution: Scotland

***Alysia (Alysia) lucicola* Haliday, 1838**

Distribution: England, Scotland, Ireland

***Alysia (Alysia) luciella* Stelfox, 1941**

Distribution: Ireland

***Alysia (Alysia) manducator* (Panzer, 1799)**

Nomenclature:

Ichneumon manducator Panzer, 1799

haematopa (Gmelin, 1790, *Ichneumon*) preocc.

stercoraria Latreille, 1805

apicalis Curtis, 1826

similis Curtis, 1826

stercorator Lamarck, 1835

curtungula Thomson, 1895

bucephala Marshall, 1898

manducatrix Schulz, 1906

Distribution: England, Scotland, Wales, Ireland, Isle of Man

***Alysia (Alysia) truncator* (Nees, 1812)**

Nomenclature:

Bassus truncator Nees, 1812

Distribution: England, Scotland, Ireland

Subgenus *Anarcha* Förster, 1863

Notes: Much of the taxonomy and distribution from Wharton (1988b).

Species of *Alysia* (*Anarcha*) excluded from the British and Irish list:

[*similis* (Nees, 1812, *Bassus*) nom. dub.]

Alysia (*Anarcha*) *atra* Haliday, 1838

Distribution: Ireland

Alysia (*Anarcha*) *fuscipennis* Haliday, 1838

Nomenclature:

obscuripes Thomson, 1895

Distribution: England, Scotland, Ireland

Alysia (*Anarcha*) *mandibulator* (Nees, 1812)

Nomenclature:

Bassus mandibulator Nees, 1812

loripes Haliday, 1838

mandibulatrix Schulz, 1906

Distribution: England, Ireland

Alysia (*Anarcha*) *rufidens* Nees, 1834

Nomenclature:

puncticollis Thomson, 1895

Distribution: England, Ireland

Alysia (*Anarcha*) *sophia* Haliday, 1835

Distribution: Ireland

Alysia (*Anarcha*) *subaperta* Thomson, 1895

Nomenclature:

similis misident.

Distribution: England

Notes: added by Wharton (1988b)

***Alysia (Anarcha) thapsina* Wharton, 1988**

Distribution: Ireland

Notes: added by Wharton (1988b)

***Alysia (Anarcha) tipulae* (Scopoli, 1763)**

Nomenclature:

Ichneumon tipulae Scopoli, 1763

abdominator (Nees, 1814, *Bassus*)

notabilis (Förster, 1863, *Anarcha*)

Distribution: England, Scotland, Ireland

***Alysia (Anarcha) umbrata* Stelfox, 1941**

Distribution: Ireland

Genus *Anisocyrta* Förster, 1863

***Anisocyrta perdita* (Haliday, 1838)**

Nomenclature:

Alysia perdita Haliday, 1838

Distribution: Scotland

Genus *Aphaereta* Förster, 1863

Nomenclature:

TRICHESIA Provancher, 1880

TRINARIA Provancher, 1886

APHAERETE Dalla Torre, 1898

ATOPANDRIUM Graham, 1952

TRISYNALDIS Fischer, 1958

Notes: *Atopandrium* was synonymised under *Aphaereta* by Achterberg (1995) but treated as a valid genus again in Taxapad (Yu et al. 2012).

Aphaereta debilitata* Morley, 1933*Nomenclature:**

loripenne (Graham, 1952, *Atopandrium*)

confluctum (Fischer, 1958, *Trisynaldis*)

Distribution: England, Wales

***Aphaereta falcigera* Graham, 1960**

Distribution: England, Ireland

Aphaereta major* (Thomson, 1895)*Nomenclature:**

Alysia major Thomson, 1895

major Marshall, 1898 preocc.

Distribution: England, Scotland, Ireland

Aphaereta minuta* (Nees, 1811)*Nomenclature:**

Stephanus minutus Nees, 1811

cephalotes (Haliday, 1833, *Alysia*)

fuscipes (Nees, 1834, *Alysia*)

confluens (Ratzeburg, 1844, *Alysia*)

stigmatalis (Thomson, 1895, *Alysia*)

inepta Morley, 1933

Distribution: England, Scotland, Ireland

Aphaereta pallipes* (Say, 1829)*Nomenclature:**

Alysia pallipes Say, 1829

auripes (Provancher, 1881, *Trichesia*)

pilicornis (Provancher, 1886, *Trinaria*)

californica Ashmead, 1889

muscae Ashmead, 1889

oscinidis Ashmead, 1889

pallidipes (Dalla Torre, 1898, *Aphaerete*)
delosa Viereck, 1905
subtricarinata Viereck, 1905
pegomyiae Brues, 1907
sarcophagae Gahan, 1914

Distribution: England

Notes: added by Shaw (1983)

***Aphaereta tenuicornis* Nixon, 1939**

Distribution: England, Wales, Ireland

Genus *Asobara* Förster, 1863

Nomenclature:

SPANISTA Förster, 1863

***Asobara tabida* (Nees, 1834)**

Nomenclature:

Alysia tabida Nees, 1834

anomala (Thomson, 1895, *Alysia*)

crenulata (Fahringer, 1935, *Phaenocarpa*)

Distribution: England, Ireland

Genus *Aspilota* Förster, 1863

Nomenclature:

DIPIESTA Förster, 1863

EUSYNALDIS Zaykov & Fischer, 1982

SYNALDIS misident.

Notes: Some distribution data from Stelfox and Graham (1951a). Some species treated as belonging to *Dinotrema* by other authors have been included in *Aspilota* in Taxapad (Yu et al. 2012) and there is clearly much work to be done in allocating species to the current generic concepts (see Wharton 1985). The late T. Munk was preparing a revision of the European species of *Aspilotas*. I. (see note under *Dinotrema*).

Aspilota acutidentata* (Fischer, 1970)*Nomenclature:**

Synaldis acutidentata Fischer, 1970

Distribution: England, Scotland

Notes: NMS, BMNH, det. Munk, added here; identified by T. Munk as a species of *Dinotrema*.

***Aspilota anaphoretica* Fischer, 1973**

Distribution: England, Scotland, Ireland

Notes: NMS, BMNH, det. Munk, added here

***Aspilota blasii* Fischer, 1973**

Distribution: England

Notes: BMNH, det. Munk, added here

***Aspilota compressiventris* Stelfox & Graham, 1951**

Distribution: England

***Aspilota curta* Marshall, 1895**

Distribution: England

***Aspilota daemon* Stelfox and Graham, 1948**

Distribution: England, Scotland, Ireland

***Aspilota delicata* Fischer, 1973**

Distribution: England, Scotland, Ireland

Notes: BMNH, det. Munk, added here

Aspilota efoveolata* Thomson, 1895*Nomenclature:**

pneumatica Fischer, 1973

Distribution: England, Scotland, Wales

Notes: NMS, BMNH, det. Munk, added here

***Aspilota flagellaris* Fischer, 1973**

Distribution: England, Scotland, Ireland

Notes: BMNH, det. Munk, added here

***Aspilota fuscicornis* (Haliday, 1838)**

Nomenclature:

Alysia fuscicornis Haliday, 1838

?*minuta* (Nees, 1812, *Bassus*)

exile (Ruthe, 1859, *Orthostigma*)

dilatata (Thomson, 1895, *Alysia*)

Distribution: England, Scotland, Ireland

***Aspilota globipes* (Fischer, 1962)**

Nomenclature:

Synaldis globipes Fischer, 1962

Distribution: England, Scotland

Notes: NMS, BMNH, det. Munk, added here

***Aspilota imparidens* Fischer, 1974**

Distribution: England, Scotland, Wales

Notes: NMS, BMNH, det. Munk, added here

***Aspilota insolita* (Tobias, 1962)**

Nomenclature:

Orthostigma insolita Tobias, 1962

Distribution: England, Ireland

Notes: BMNH, det. Munk, added here

***Aspilota intermediana* Fischer, 1975**

Distribution: England

Notes: added by Notton (1991)

***Aspilota iocosipecta* Fischer, 1974**

Distribution: England, Scotland, Ireland

Notes: NMS, BMNH, det. Munk, added here

***Aspilota macrops* Stelfox & Graham, 1951**

Distribution: England, Ireland

***Aspilota nidicola* Hedqvist, 1972**

Distribution: England

Notes: BMNH, det. Munk, added here

***Aspilota pillerensis* Fischer, 1973**

Distribution: England

Notes: BMNH, det. Munk, added here

***Aspilota ruficornis* (Nees, 1834)**

Nomenclature:

Alysia ruficornis Nees, 1834

Distribution: England, Scotland, Wales, Ireland

***Aspilota stenogaster* Stelfox & Graham, 1951**

Distribution: England

***Aspilota tetragona* Fischer, 1976**

Distribution: England, Scotland, Ireland

Notes: NMS, BMNH, det. Munk, added here

***Aspilota vernalis* Stelfox & Graham, 1951**

Distribution: England, Scotland, Ireland

Genus *Chasmodon* Haliday, 1838***Chasmodon apterus* (Nees, 1812)****Nomenclature:**

Bassus apterus Nees, 1812

Distribution: England, Scotland, Wales, Ireland, Isle of Man

Genus *Cratospila* Förster, 1863**Nomenclature:**

HEDYLUS Marshall, 1891; synonymy by Papp (2009b)

Cratospila circe* (Haliday, 1838)*Nomenclature:**

Alysia circe Haliday, 1838

habilis (Marshall, 1891, *Hedylus*); synonymy by Papp (2009b)

annellata (Thomson, 1895, *Alysia*)

Distribution: England, Ireland

Genus *Dapsilarthra* Förster, 1863

Notes: *Dapsilarthra* has been used in a very broad sense to include *Adelurola*, *Mesocrina*, *Heterolexis* and *Grammospila*, and in a more narrow sense to include the last two genera. Achterberg (2014) is followed here in according each generic rank.

Dapsilarthra apii* (Curtis, 1826)*Nomenclature:**

Alysia apii Curtis, 1826

laevipectus (Thomson, 1895, *Alysia*)

americana (Brues, 1907, *Orthostigma*)

Distribution: England, Scotland, Ireland

Dapsilarthra sylvia* (Haliday, 1839)*Nomenclature:**

Alysia sylvia Haliday, 1839

carpathica van Achterberg, 1983; synonymy by Achterberg (1997)

Distribution: England, Scotland, Ireland

Genus *Dinotrema* Förster, 1863

Notes: Wharton (1980) summarises the arguments against recognition of the genus *Synaldis*; Achterberg (1988b) likewise notes that the genus is defined only by the absence of fore wing vein 2-SR, which is known to be intraspecifically variable (Wharton 1980). Despite this, various authors attach great taxonomic weight to this venational character and maintain *Synaldis* as a valid genus (as reflected by the classification in Yu et al. 2012). Species that would be classified in *Synaldis* (*acutidentata*, *concolor*, *distracta* and *globipes*) are listed here in *Aspilota* and *Dinotrema*, according to Fauna Europaea. Some distribution data from Stelfox and Graham (1951b), Stelfox and Graham (1951a) and Achterberg (1988a). The late T. Munk was revising the European species of *Aspilotas.l.* and gave much helpful advice on the generic placements of the species occurring in Britain and Ireland, some of which is unpublished and will therefore differ from the generic combinations found in, e.g. Belokobylskij et al. (2003) and Taxapad (Yu et al. 2012). Munk also advised that although *Aspilota* is a well-defined genus, *Dinotrema* is not defined by any apomorphies and will be split up.

Species excluded from the British and Irish list:

[*pusillum* (Nees, 1812, *Bassus*)] T. Munk (pers. comm.) regarded this as an unidentified species; the type has been destroyed.

Subgenus *Dinotrema* Förster, 1863

Nomenclature:

ASPILOTA misident.

SYNALDIS Förster, 1863

COLOBOMA Förster, 1863

SPANOMERIS Förster, 1863

SCOTIONEURUS Provancher, 1886

PTERUSA Fischer, 1958; synonymy by Achterberg and Vikberg (2014)

EUDINOSTIGMA Tobias, 1986; synonymy by Wharton (2002)

Dinotrema (Dinotrema) aluum (Stelfox & Graham, 1950)

Nomenclature:

Aspilota alua Stelfox & Graham, 1950

alva misspelling

Distribution: Ireland

***Dinotrema (Dinotrema) alysiae* Munk & Peris-Felipo, 2013**

Distribution: England

Notes: added by Munk et al. (2013)

***Dinotrema (Dinotrema) areolatum* (Stelfox & Graham, 1950)**

Nomenclature:

Aspilota areolata Stelfox & Graham, 1950

Distribution: England, Scotland

***Dinotrema (Dinotrema) brevicorne* (Nees, 1814)**

Nomenclature:

Bassus brevicornis Nees, 1814

Distribution: England

***Dinotrema (Dinotrema) brevissimicorne* (Stelfox & Graham, 1948)**

Nomenclature:

Aspilota brevissimicornis Stelfox & Graham, 1948

Distribution: Scotland, Ireland

***Dinotrema (Dinotrema) compressum* (Haliday, 1838)**

Nomenclature:

Alysia compressa Haliday, 1838

Distribution: England

***Dinotrema (Dinotrema) concinnum* (Haliday, 1838)**

Nomenclature:

Alysia concinna Haliday, 1838

maximum (Fischer, 1962, *Synaldis*)

tyrrhena (Masi, 1933, *Aspilota*)

Distribution: England, Ireland

Notes: *Synaldis maximum* Fischer, 1962 has been treated as a junior synonym by König (1972) and subsequent authors but T. Munk (pers. comm.) regarded this as a valid species of *Dinotrema* that may be found to occur in Britain.

***Dinotrema (Dinotrema) concolor* (Nees, 1812)**

Nomenclature:

Bassus concolor Nees, 1812

distractum (Ruthe, 1859, *Orthostigma*) unavailable

Distribution: England, Ireland

***Dinotrema (Dinotrema) crassicosta* (Thomson, 1895)**

Nomenclature:

Alysia crassicosta Thomson, 1895

Distribution: Scotland

Notes: NMS, det. Munk, added here

***Dinotrema (Dinotrema) cratocera* (Thomson, 1895)**

Nomenclature:

Alysia cratocera Thomson, 1895

Distribution: Scotland

Notes: BMNH, det. Munk, added here

***Dinotrema (Dinotrema) denticulatum* (Stelfox & Graham, 1951)**

Nomenclature:

Aspilota denticulata Stelfox & Graham, 1951

Distribution: Ireland

***Dinotrema (Dinotrema) dimidiatum* (Thomson, 1895)**

Nomenclature:

Alysia dimidiata Thomson, 1895

Distribution: England

Notes: BMNH, det. Munk, added here

Dinotrema (Dinotrema) distractum* (Nees, 1834)*Nomenclature:**

Alysia distracta Nees, 1834

Dinotrema (Dinotrema) divisum* (Stelfox & Graham, 1950)*Nomenclature:**

Aspilota divisa Stelfox & Graham, 1950

?*aureliae* (Fischer, 1973, *Aspilota*); tentative synonymy by Papp (2004b)

Distribution: England, Scotland, Ireland

Dinotrema (Dinotrema) erythropum* Förster, 1863*Nomenclature:**

praecipuum (Marshall, 1895, *Aspilota*)

Distribution: England, Wales, Ireland

Dinotrema (Dinotrema) falsificum* (Stelfox & Graham, 1950)*Nomenclature:**

Aspilota falsifica Stelfox & Graham, 1950

Distribution: Scotland, Ireland

Dinotrema (Dinotrema) glabrum* (Stelfox & Graham, 1951)*Nomenclature:**

Aspilota glabra Stelfox & Graham, 1951

venustum (Tobias, 1962, *Aspilota*)

Distribution: England, Scotland, Ireland

Dinotrema (Dinotrema) insidiatrix* (Marshall, 1895)*Nomenclature:**

Aspilota insidiatrix Marshall, 1895

Distribution: England

Dinotrema (Dinotrema) insignis* (Stelfox & Graham, 1950)*Nomenclature:**

Aspilota insignis Stelfox & Graham, 1950

Distribution: England

Dinotrema (Dinotrema) iuxtanaeviam* (Fischer, 1980)*Nomenclature:**

Aspilota iuxtanaeviam Fischer, 1978

Distribution: England

Notes: added by Fischer (1980)

Dinotrema (Dinotrema) jaculans* (Haliday, 1838)*Nomenclature:**

Alysia jaculans Haliday, 1838

Distribution: England, Scotland, Ireland

Dinotrema (Dinotrema) latistigma* (Fischer, 1962)*Nomenclature:**

Synaldis latistigma Fischer, 1962

Distribution: England

Notes: NMS, det. Munk, added here; treated as a species of *Eudinostigma* in Fauna Europaea and Taxapad (Yu et al. 2012).

Dinotrema (Dinotrema) lineola* (Thomson, 1895)*Nomenclature:**

Alysia lineola Thomson, 1895

Distribution: England

Dinotrema (Dinotrema) liosoma* (Stelfox & Graham, 1951)*Nomenclature:**

Aspilota liosoma Stelfox & Graham, 1951

caudatum (Thomson, 1895, *Aspilota*) preocc.

***Dinotrema (Dinotrema) mesocaudatum* van Achterberg, 1988**

Distribution: England

Notes: added by Achterberg (1988b)

***Dinotrema (Dinotrema) microcera* (Thomson, 1895)**

Nomenclature:

Alysia microcera Thomson, 1895

Distribution: England, Scotland, Wales, Ireland

Notes: BMNH, det. Munk, added here

***Dinotrema (Dinotrema) necrophilum* (Hedqvist, 1972)**

Nomenclature:

Aspilota necrophila Hedqvist, 1972

Distribution: England

Notes: Added by Disney and Munk (2005) and transferred from *Aspilota*.

***Dinotrema (Dinotrema) nervosum* (Haliday, 1833)**

Nomenclature:

Alysia nervosa Haliday, 1833

Distribution: England, Scotland, Ireland

***Dinotrema (Dinotrema) pulvinatum* (Stelfox & Graham, 1949)**

Nomenclature:

Aspilota pulvinata Stelfox & Graham, 1949

Distribution: England, Scotland, Wales, Ireland

Notes: Treated as a species of *Eudinostigma* in Fauna Europaea and Taxapad (Yu et al. 2012).

***Dinotrema (Dinotrema) ruficollis* (Stelfox & Graham, 1950)**

Nomenclature:

Aspilota ruficollis Stelfox & Graham, 1950

Distribution: England, Ireland

Notes: Distribution data from Achterberg (1988b).

***Dinotrema (Dinotrema) semicompressum* (Stelfox & Graham, 1949)**

Nomenclature:

Aspilota semicompressa Stelfox & Graham, 1949

parapunctatum (Fischer, 1976, *Aspilota*); synonymy by Papp (2004b)

Distribution: England, Scotland, Ireland

***Dinotrema (Dinotrema) sphaerimembre* (Fischer, 1973)**

Nomenclature:

Aspilota sphaerimembris Fischer, 1973

Distribution: Scotland

Notes: NMS, det. Munk, added here

***Dinotrema (Dinotrema) sternausicum* (Fischer, 1973)**

Nomenclature:

Aspilota sternausicum Fischer, 1973

Distribution: England, Scotland

Notes: NMS, det. Munk, added here

***Dinotrema (Dinotrema) tauricum* (Telenga, 1935)**

Nomenclature:

Aspilota taurica Telenga, 1935

Distribution: England

Notes: added by Achterberg (1988b)

***Dinotrema (Dinotrema) vesparum* (Stelfox, 1943)**

Nomenclature:

Aspilota vesparum Stelfox, 1943

Distribution: England, Scotland

Dinotrema (Dinotrema) vituperatum* (Fischer, 1974)*Nomenclature:**

Aspilota vituperata Fischer, 1974

Distribution: England, Scotland

Notes: NMS, det. Munk, added here

Subgenus *Leptotrema* van Achterberg, 1988

Notes: Described as a separate genus by Achterberg (1988b), who gives distribution data for the one included species; treated as a subgenus of *Dinotrema* by Wharton (2002).

Dinotrema (Leptotrema) dentifemur* (Stelfox, 1943)*Nomenclature:**

Aspilota dentifemur Stelfox, 1943

Distribution: England, Scotland, Ireland

Subgenus *Prosapha* Förster, 1863***Dinotrema (Prosapha) speculum* (Haliday, 1838)****Nomenclature:**

Alysia speculum Haliday, 1838

venustum (Haliday, 1838, *Alysia*)

Distribution: England, Ireland

Genus *Grammospila* Förster, 1863**Nomenclature:**

PARAORTHOSTIGMA Königsmann, 1972

Grammospila isabella* (Haliday, 1838)*Nomenclature:**

Alysia isabella Haliday, 1838

Distribution: England, Scotland

Grammospila rufiventris* (Nees, 1812)*Nomenclature:**

Bassus rufiventris Nees, 1812

flaviventris (Haliday, 1838, *Alysia*)

ochrogaster (Szépliget, 1898, *Phaenocarpa*)

fuscula Griffiths, 1968

Distribution: England, Scotland, Ireland, Isle of Man

Notes: *Grammospila fuscula* (Griffiths, 1968, *Dapsilarthra*) removed from synonymy by Achterberg (2014).

Genus *Heterolexis* Förster, 1863***Heterolexis balteata* (Thomson, 1895)****Nomenclature:**

Alysia balteata Thomson, 1895

Distribution: England, Scotland, Wales, Ireland

Heterolexis dictynna* (Marshall, 1895)*Nomenclature:**

Adelura dictynna Marshall, 1895

Distribution: England, Scotland, Ireland

Genus *Idiasta* Förster, 1863**Nomenclature:**

EUPHAENOCARPA Tobias, 1975

***Idiasta dichrocera* Königsmann, 1960**

Distribution: England

Notes: NMS, det. Shaw, added here

Idiasta maritima* (Haliday, 1838)*Nomenclature:**

Alysia maritima Haliday, 1838

Distribution: England, Scotland, Ireland

***Idiasta nephele* (Haliday, 1838)**

Nomenclature:

Alysia nephele Haliday, 1838

Distribution: England, Scotland

Genus *Mesocrina* Förster, 1863

Nomenclature:

PSEUDOMESOCRINA Königsmann, 1959

***Mesocrina indagatrix* Förster, 1863**

Nomenclature:

venatrix Marshall, 1895

Distribution: England

Genus *Orthostigma* Ratzeburg, 1844

Nomenclature:

DELOCARPA Förster, 1863

ISCHNOCARPA Förster, 1863

***Orthostigma cratospilum* (Thompson, 1895)**

Nomenclature:

Alysia cratospila Thompson, 1895

Distribution: England

Notes: added by Godfray and Achterberg (2015)

***Orthostigma longicorne* Königsmann, 1969**

Distribution: Ireland

***Orthostigma maculipes* (Haliday, 1838)**

Nomenclature:

Alysia maculipes Haliday, 1838

Distribution: England, Ireland

Orthostigma pumilum* (Nees, 1834)*Nomenclature:**

Alysia pumila Nees, 1834

flavipes (Ratzeburg, 1844, *Aphidius*)

fulvipes Rondani, 1876 nom. nud.

brunnipes Ratzeburg, 1852

bruneipes Dalla Torre, 1898

Distribution: England, Ireland

Genus *Panerema* Förster, 1863

Notes: Distribution data from Achterberg (1988b).

Panerema fulvicornis* (Haliday, 1838)*Nomenclature:**

Alysia fulvicornis Haliday, 1838

Distribution: Wales, Ireland

***Panerema inops* Förster, 1863**

Distribution: England, Wales, Ireland

Genus *Pentapleura* Förster, 1863**Nomenclature:**

OPISENDEA Förster, 1863

GNATHOSPILA Fischer, 1966

Pentapleura angustula* (Haliday, 1838)*Nomenclature:**

Alysia angustula Haliday, 1838

laevipleuris (Tobias, 1962, *Aspilota*)

Distribution: England, Scotland, Ireland

Pentapleura fuliginosa* (Haliday, 1838)*Nomenclature:**

Alysia fuliginosa Haliday, 1838

carinata (Thomson, 1895, *Alysia*)

Distribution: England, Wales, Ireland

Pentapleura pumilio* (Nees, 1812)*Nomenclature:**

Bassus pumilio Nees, 1812

triticaphis (Fitch, 1861, *Toxares*)

mesocrinoides Goidanich, 1936

Distribution: England, Scotland, Wales, Ireland

Genus *Phaenocarpa* Förster, 1863

Notes: Some taxonomic and distribution data from Achterberg (1997).

Subgenus *Homophyla* Förster, 1863

Notes: species of *Phaenocarpa* (*Homophyla*) excluded from the British and Irish list:

[*pegomyiae* Marshall, 1898] Listed as British by Lyle (1933) but we have not seen any British or Irish specimens.

Phaenocarpa* (*Homophyla*) *pullata* (Haliday, 1838)*Nomenclature:**

Alysia pullata Haliday, 1838

Distribution: England, Ireland

Subgenus *Phaenocarpa* Förster, 1863**Nomenclature:**

IDIOLEXIS Förster, 1863; synonymy by Wharton (2002)

MESOTHESES Förster, 1863

SATHRA Förster, 1863

ASYNAPHES Provancher, 1886

KAHLIA Ashmead, 1900

HOLCALYSIA Cameron, 1905

STIRALYSIA Cameron, 1910

RHOPALONEURA Stelfox, 1941

***Phaenocarpa (Phaenocarpa) canaliculata* Stelfox, 1941**

Distribution: England, Ireland

***Phaenocarpa (Phaenocarpa) conspurcator* (Haliday, 1838)**

Nomenclature:

Alysia conspurcator Haliday, 1838

arctica (Thomson, 1895, *Alysia*)

tatrica Niezabitowski, 1910

remota Papp, 1981

Distribution: England, Scotland, Wales, Ireland

***Phaenocarpa (Phaenocarpa) eugenia* (Haliday, 1838)**

Nomenclature:

Alysia eugenia Haliday, 1838

pectoralis (Zetterstedt, 1838, *Alysia*)

orbicularis Gurasashvilli, 1983

Distribution: England, Scotland, Ireland

***Phaenocarpa (Phaenocarpa) eunice* (Haliday, 1838)**

Nomenclature:

Alysia eunice Haliday, 1838

nimia Stelfox, 1941

Distribution: England, Wales, Ireland

***Phaenocarpa (Phaenocarpa) flavipes* (Haliday, 1838)**

Nomenclature:

Alysia flavipes Haliday, 1838

Distribution: England, Ireland

Phaenocarpa (Phaenocarpa) frequentator* (Zetterstedt, 1838)*Nomenclature:**

Alysia frequentator Zetterstedt, 1838

frequentatrix (Schulz, 1906, *Alysia*)

Distribution: Wales

Notes: added by Godfray and Achterberg (2015)

Phaenocarpa (Phaenocarpa) galatea* (Haliday, 1838)*Nomenclature:**

Alysia galatea Haliday, 1838

Distribution: Scotland, Ireland

***Phaenocarpa (Phaenocarpa) helophilae* van Achterberg, 1998**

Distribution: England

Notes: added by Achterberg (1998)

Phaenocarpa (Phaenocarpa) livida* (Haliday, 1838)*Nomenclature:**

Alysia livida Haliday, 1838

debilis (Förster, 1863, *Sathra*)

Distribution: England, Ireland

***Phaenocarpa (Phaenocarpa) luteipes* Stelfox, 1950**

Distribution: Ireland

Phaenocarpa (Phaenocarpa) maria* (Haliday, 1838)*Nomenclature:**

Alysia maria Haliday, 1838

Distribution: England, Ireland

Phaenocarpa (Phaenocarpa) nina* (Haliday, 1838)*Nomenclature:**

Alysia nina Haliday, 1838

Distribution: Scotland

Notes: Not listed in Huddleston (1978), although described from Scottish material (Achterberg 1998).

***Phaenocarpa (Phaenocarpa) notabilis* Stelfox, 1944**

Distribution: Scotland, Ireland

***Phaenocarpa (Phaenocarpa) picinervis* (Haliday, 1838)**

Nomenclature:

Alysia picinervis Haliday, 1838

americana Ashmead, 1889

Distribution: England, Scotland, Ireland

***Phaenocarpa (Phaenocarpa) pratellae* (Curtis, 1826)**

Nomenclature:

Alysia pratellae Curtis, 1826

piceator (Zetterstedt, 1838, *Alysia*)

psalliotae Telenga, 1935; synonymy by Achterberg (2014)

Distribution: England, Scotland

***Phaenocarpa (Phaenocarpa) punctigera* (Haliday, 1838)**

Nomenclature:

Alysia punctigera Haliday, 1838

Distribution: England, Ireland

Notes: Listed as a species of *Idiolexis* in Fauna Europaea.

***Phaenocarpa (Phaenocarpa) ruficeps* (Nees, 1812)**

Nomenclature:

Bassus ruficeps Nees, 1812

testacea (Nees, 1812, *Bassus*)

gracilis (Curtis, 1826, *Alysia*)

pallida (Curtis, 1826, *Alysia*)

agricolator (Zetterstedt, 1838, *Alysia*)

oculator (Ratzeburg, 1848, *Alysia*)
rubriceps (Provancher, 1883, *Alysia*) preocc.
rubriceps Provancher, 1888
testaceipes (Cameron, 1905, *Holcalysia*)
divergens Fischer, 1975
fervida Fischer, 1975
incerta Fischer, 1975
meritoria Papp, 1981
ferga Papp, 1982

Distribution: England, Scotland, Wales, Ireland, Isle of Man

***Phaenocarpa (Phaenocarpa) tacita* Stelfox, 1941**

Nomenclature:

caucasica Gurasashvili, 1983 preocc.
caucasicola Tobias, 1986

Distribution: Ireland

***Phaenocarpa (Phaenocarpa) trisulcata* Stelfox, 1950**

Distribution: Ireland

Genus *Syncrasis* Förster, 1863

Nomenclature:

PHAENOLYTA Förster, 1863

***Syncrasis fucicola* (Haliday, 1838)**

Nomenclature:

Alysia fucicola Haliday, 1838

Distribution: Ireland

***Syncrasis halidayi* (Förster, 1863)**

Nomenclature:

Phaenolyta halidayi Förster, 1863
fuscipes preocc., unavailable

Distribution: England, Ireland

Genus *Tanycarpa* Förster, 1863

Nomenclature:

ACROBELA Förster, 1863; synonymy by Wharton (2002)

EPICLISTA Förster, 1863

HYPOSTROPHA Förster, 1863

***Tanycarpa bicolor* (Nees, 1812)**

Nomenclature:

Bassus bicolor Nees, 1812

ancilla (Haliday, 1838, *Alysia*)

Distribution: England, Ireland

***Tanycarpa gracilicornis* (Nees, 1812)**

Nomenclature:

Bassus gracilicornis Nees, 1812

Distribution: Ireland

***Tanycarpa mitis* Stelfox, 1941**

Distribution: England, Ireland

***Tanycarpa punctata* van Achterberg, 1976**

***Tanycarpa rufinotata* (Haliday, 1838)**

Nomenclature:

Alysia rufinotata Haliday, 1838

carinata (Förster, 1863, *Acrobela*)

erythrogaster (Förster, 1863, *Epiclista*)

foersteri (Shenefelt, 1974, *Alysia*)

Distribution: England, Ireland

Genus *Trachyusa* Ruthe, 1854**Nomenclature:***COSMIOCARPA* Förster, 1863

Notes: Distribution data from Achterberg and O'Connor (1990) and the collections of NMS.

Trachyusa aurora* (Haliday, 1838)*Nomenclature:***Alysia aurora* Haliday, 1838*nigriceps* Ruthe, 1854

Distribution: England, Ireland

***Trachyusa nigrothoracica* van Achterberg & O'Connor, 1990**

Distribution: England, Ireland

Notes: added by Achterberg and O'Connor (1990)

Tribe Dacnusiini Förster, 1863

Notes: The classification of the Dacnusiini was revised by Griffiths (Griffiths 1964, Griffiths 1967a, Griffiths 1967b, Griffiths 1967c, Griffiths 1968a, Griffiths 1968b) in a pioneering treatment that was one of the first applications of explicit phylogenetic methods in taxonomy. It was also unusual in being based on extensive reared material. Griffiths' classification is followed here although one of the consequences of his strict adherence to phylogenetic principles is that *Chorebus* and *Dacnusa* are very large genera. Also, as Griffiths realised, the definition of *Exotela* is unsatisfactory as it lacks clear apomorphic characters. This group of insects had previously been revised by Nixon (Nixon 1943, Nixon 1944, Nixon 1945, Nixon 1946, Nixon 1948, Nixon 1949, Nixon 1954), who recognised a greater number of genera, and some authors (Tobias 1986, Tobias 1998, Perepechayenko 2000, Fischer et al. 2004) have resurrected Nixon's genera or used them as subgenera. This seems a retrograde step given Griffiths' clear statements of phylogenetic hypotheses and is not used here. In both *Chorebus* and *Dacnusa*, Griffiths defined a series of species groups that with further research should form the basis of better classifications of these genera. Griffiths (1964) gives a key to genera and Wharton (1997) is also very helpful. The *Coelinus* genus group (*Coelinus*, *Trachionus*, *Epimicta*, *Aristelix*, *Laotris*, *Sarops* and *Synelix*) is generally agreed to be monophyletic and was not revised at species level by Nixon or Griffiths. Distribution data from Griffiths' and Nixon's revisions (loc. cit.) and NMS.

Genus *Amyras* Nixon, 1943***Amyras clandestina* (Haliday, 1839)****Nomenclature:**

Alysia clandestina Haliday, 1839

quadridentata (Thomson, 1895, *Dacnusa*)

Distribution: Ireland

Genus *Aristelix* Nixon, 1943***Aristelix phaenicura* (Haliday, 1839)****Nomenclature:**

Alysia phaenicura Haliday, 1839

phaenicura misspelling

Distribution: England, Ireland

Genus *Chaenusa* Haliday, 1839**Nomenclature:**

CHOREBIDEA Viereck, 1914

CHOREBIDEA Nixon, 1943 preocc.

CHOREBIDELLA Riegel, 1947

Notes: No recent revision of this genus.

Chaenusa conjugens* (Nees, 1811)*Nomenclature:**

Bracon conjugens Nees, 1811

conjugens misspelling

Distribution: England, Scotland, Ireland

***Chaenusa elongata* Stelfox, 1957**

Distribution: Ireland

Chaenusa limoniadum* (Marshall, 1896)*Nomenclature:**

Chorebus limoniadum Marshall, 1896

Distribution: England

Notes: Transferred from *Chorebus* by Perepechayenko (2000).

Chaenusa lymphata* (Haliday, 1839)*Nomenclature:**

Alysia lymphata Haliday, 1839

Distribution: England, Ireland

Notes: Transferred from *Chorebus* by Achterberg (1997).

Chaenusa naiadum* (Haliday, 1839)*Nomenclature:**

Alysia naiadum Haliday, 1839

naiadum (Curtis, 1837, *Chorebus*) nom. nud.

Distribution: England, Scotland, Ireland

Chaenusa nereidum* (Haliday, 1839)*Nomenclature:**

Alysia nereidum Haliday, 1839

nereidum (Curtis, 1837, *Chorebus*) nom. nud.

Distribution: England, Ireland

***Chaenusa opaca* Stelfox, 1957**

Distribution: Ireland

Genus *Chorebus* Haliday, 1833**Nomenclature:**

AMETRIA Förster, 1863

GYROCAMPA Förster, 1863

PHAENOLEXIS Förster, 1863

STIPHROCERA Förster, 1863

DIPLUSIA Ruthe, 1882

ETRIPTES Nixon, 1943

PARAGYROCAMPA Tobias, 1962

***Chorebus abaris* (Nixon, 1943)**

Nomenclature:

Dacnusa abaris Nixon, 1943

Distribution: England, Scotland

***Chorebus abnormiceps* (Nixon, 1943)**

Nomenclature:

Dacnusa abnormiceps Nixon, 1943

quadriiceps (Nixon, 1941, *Dacnusa*) preocc.

Distribution: England

***Chorebus agrales* (Nixon, 1945)**

Nomenclature:

Dacnusa agrales Nixon, 1945

Distribution: England

***Chorebus albipes* (Haliday, 1839)**

Nomenclature:

Alysia albipes Haliday, 1839

Distribution: England, Scotland, Ireland

***Chorebus alecto* (Morley, 1924)**

Nomenclature:

Rhizarcha alecto Morley, 1924

turissa (Nixon, 1937, *Dacnusa*)

Distribution: England, Scotland, Ireland

***Chorebus alua* (Nixon, 1944)**

Nomenclature:

Dacnusa alua Nixon, 1944

Distribution: Ireland

***Chorebus amasis* (Nixon, 1945)**

Nomenclature:

Dacnusa amasis Nixon, 1945

Distribution: England

***Chorebus ampliator* (Nees, 1834)**

Nomenclature:

Alysia ampliator Nees, 1834

nigricornis (Förster, 1863, *Stiphrocera*)

Distribution: England, Scotland, Ireland

***Chorebus anasellus* (Stelfox, 1952)**

Nomenclature:

Dacnusa anasella Stelfox, 1952

Distribution: Scotland, Ireland

***Chorebus angelicae* (Nixon, 1945)**

Nomenclature:

Dacnusa angelicae Nixon, 1945

Distribution: England

***Chorebus anita* (Nixon, 1943)**

Nomenclature:

Dacnusa anita Nixon, 1943

Distribution: England, Scotland

***Chorebus aphantus* (Marshall, 1895)**

Nomenclature:

Dacnusa aphanta Marshall, 1895

Distribution: England, Scotland, Wales, Ireland

Chorebus apollyon* (Morley, 1924)*Nomenclature:**

Dacnusa apollyon Morley, 1924

Distribution: England, Ireland

Chorebus ares* (Nixon, 1944)*Nomenclature:**

Dacnusa ares Nixon, 1944

Distribution: England

Chorebus armida* (Nixon, 1945)*Nomenclature:**

Dacnusa armida Nixon, 1945

Distribution: England, Scotland, Wales

***Chorebus artemisiellus* Griffiths, 1968**

Distribution: England

Chorebus asramenes* (Nixon, 1943)*Nomenclature:**

Dacnusa asramenes Nixon, 1943

Distribution: England, Ireland

Chorebus avesta* (Nixon, 1944)*Nomenclature:**

Dacnusa avesta Nixon, 1944

Distribution: England, Scotland

Chorebus bathyzonus* (Marshall, 1895)*Nomenclature:**

Dacnusa bathyzona Marshall, 1895

ornatus (Telenga, 1935, *Dacnusa*)

Distribution: England, Ireland

Chorebus bensoni* (Nixon, 1943)*Nomenclature:**

Dacnusa bensoni Nixon, 1943

Distribution: England, Scotland

Chorebus bres* (Nixon, 1944)*Nomenclature:**

Dacnusa bres Nixon, 1944

Distribution: England, Ireland

Chorebus brevicornis* (Thomson, 1895)*Nomenclature:**

Dacnusa brevicornis Thomson, 1895

chrysippe (Nixon, 1944, *Dacnusa*)

ea (Nixon, 1944, *Dacnusa*)

Distribution: England, Scotland, Ireland

Chorebus caelebs* (Nixon, 1944)*Nomenclature:**

Dacnusa caelebs Nixon, 1944

Distribution: England

***Chorebus calthae* Griffiths, 1967**

Distribution: England

***Chorebus cambricus* Griffiths, 1968**

Distribution: Wales

Chorebus cinctus* (Haliday, 1839)*Nomenclature:**

Alysia cincta Haliday, 1839

castaneiventris (Thomson, 1895, *Dacnusa*)

Distribution: England, Ireland

Chorebus coxator* (Thomson, 1895)*Nomenclature:**

Dacnusa coxator Thomson, 1895

Distribution: England, Scotland, Wales

Chorebus crassipes* (Stelfox, 1954)*Nomenclature:**

Dacnusa crassipes Stelfox, 1954

Distribution: Scotland, Ireland

Chorebus credne* (Nixon, 1944)*Nomenclature:**

Dacnusa credne Nixon, 1944

Distribution: England, Scotland, Ireland

Chorebus crenulatus* (Thomson, 1895)*Nomenclature:**

Dacnusa crenulata Thomson, 1895

elegantulus (Nixon, 1937, *Dacnusa*)

Distribution: England, Scotland, Ireland

Chorebus crocale* (Nixon, 1945)*Nomenclature:**

Dacnusa crocale Nixon, 1945

Distribution: England

Chorebus cubocephalus* (Telenga, 1934)*Nomenclature:**

Rhizarcha cubocephala Telenga, 1934

cyclops (Nixon, 1937, *Dacnusa*); synonymy by Tobias (1986)

Distribution: Ireland

Chorebus cylindricus* (Telenga, 1934)*Nomenclature:**

Dacnusa cylindrica Telenga, 1934

cybele (Nixon, 1937, *Dacnusa*); synonymy by Tobias (1986)

Distribution: England, Scotland

Chorebus cytherea* (Nixon, 1937)*Nomenclature:**

Dacnusa cytherea Nixon, 1937

calliope (Nixon, 1944, *Dacnusa*)

tesmia (Nixon, 1944, *Dacnusa*)

Distribution: England, Scotland, Ireland

Chorebus dagda* (Nixon, 1943)*Nomenclature:**

Dacnusa dagda Nixon, 1943

Distribution: England

Chorebus daimenes* (Nixon, 1945)*Nomenclature:**

Dacnusa daimenes Nixon, 1945

Distribution: England, Scotland

Chorebus deione* (Nixon, 1944)*Nomenclature:**

Dacnusa deione Nixon, 1944

Distribution: England, Scotland

Chorebus didas* (Nixon, 1944)*Nomenclature:**

Dacnusa didas Nixon, 1944

Distribution: England, Scotland

***Chorebus difficilis* Griffiths, 1968**

Distribution: England

***Chorebus diremtus* (Nees, 1834)**

Nomenclature:

Alysia diremta Nees, 1834

diremtus (Haliday, 1839, *Alysia*)

Distribution: England, Ireland

***Chorebus dirona* (Nixon, 1945)**

Nomenclature:

Dacnusa dirona Nixon, 1945

Distribution: England, Ireland

***Chorebus enephes* (Nixon, 1945)**

Nomenclature:

Dacnusa enephes Nixon, 1945

Distribution: England

***Chorebus eros* (Nixon, 1937)**

Nomenclature:

Dacnusa eros Nixon, 1937

Distribution: England, Scotland, Ireland

***Chorebus esbelta* (Nixon, 1937)**

Nomenclature:

Dacnusa esbelta Nixon, 1937

Distribution: England, Scotland, Ireland

***Chorebus euryale* (Nixon, 1944)**

Nomenclature:

Dacnusa euryale Nixon, 1944

Distribution: England

***Chorebus fallaciosae* Griffiths, 1967**

Distribution: England

***Chorebus fallax* (Nixon, 1937)**

Nomenclature:

Dacnusa fallax Nixon, 1937

Distribution: England, Scotland, Ireland

***Chorebus flavipes* (Goureau, 1851)**

Nomenclature:

Dacnusa flavipes Goureau, 1851

raissa (Nixon, 1937, *Dacnusa*)

Distribution: England, Scotland, Ireland

***Chorebus fordii* (Nixon, 1954)**

Nomenclature:

Dacnusa fordii Nixon, 1954

Distribution: England

***Chorebus foveolus* (Haliday, 1839)**

Nomenclature:

Alysia foveola Haliday, 1839

Distribution: England, Scotland, Wales, Ireland

***Chorebus fuscipennis* (Nixon, 1937)**

Nomenclature:

Dacnusa fuscipennis Nixon, 1937

Distribution: England

***Chorebus gedanensis* (Ratzeburg, 1852)**

Nomenclature:

Alysia gedanensis Ratzeburg, 1852

anguligena (Nixon, 1937, *Dacnusa*)

Distribution: England

***Chorebus glaber* (Nixon, 1944)**

Nomenclature:

Dacnusa glabra Nixon, 1944

Distribution: England, Ireland

***Chorebus glabriculus* (Thomson, 1895)**

Nomenclature:

Dacnusa glabricula Thomson, 1895

cortipalpis (Nixon, 1937, *Dacnusa*)

Distribution: England, Scotland, Ireland

***Chorebus hilaris* Griffiths, 1967**

Distribution: England

***Chorebus hirtigena* Stelfox, 1957**

Distribution: Ireland

***Chorebus humeralis* Griffiths, 1968**

Distribution: Ireland

***Chorebus incertus* (Goureau, 1851)**

Nomenclature:

Dacnusa incerta Goureau, 1851

Distribution: England

***Chorebus iphias* (Nixon, 1943)**

Nomenclature:

Dacnusa iphias Nixon, 1943

Distribution: England

Chorebus kama* (Nixon, 1945)*Nomenclature:***Dacnusa kama* Nixon, 1945**Distribution:** England***Chorebus lanigerus* (Stelfox, 1957)****Nomenclature:***Gyrocampa lanigera* Stelfox, 1957**Distribution:** Ireland***Chorebus lar* (Morley, 1924)****Nomenclature:***Dacnusa lar* Morley, 1924*innanus* (Nixon, 1943, *Dacnusa*)**Distribution:** England***Chorebus larides* (Nixon, 1944)****Nomenclature:***Dacnusa larides* Nixon, 1944**Distribution:** England, Ireland***Chorebus lateralis* (Haliday, 1839)****Nomenclature:***Alysia lateralis* Haliday, 1839*fuscula* (Haliday, 1839, *Alysia*)*albicoxa* (Thomson, 1895, *Dacnusa*)**Distribution:** England, Scotland, Wales, Ireland***Chorebus leptogaster* (Haliday, 1839)****Nomenclature:***Alysia leptogaster* Haliday, 1839*naenia* (Morley, 1924, *Dacnusa*)*dinae* (Burghel, 1960, *Dacnusa*)

Distribution: England, Ireland

***Chorebus longicornis* (Nees, 1811)**

Nomenclature:

Bracon longicornis Nees, 1811

affinis (Nees, 1812, *Bassus*)

Distribution: England, Scotland, Ireland

Notes: Synonymy first established in Shenefelt (1974) but overlooked until O'Connor et al. (1999).

***Chorebus lugubris* (Nixon, 1937)**

Nomenclature:

Dacnusa lugubris Nixon, 1937

Distribution: England, Ireland

***Chorebus luzulae* Griffiths, 1966**

Distribution: Scotland

Notes: added by Godfray and Bland (2011)

***Chorebus lychnidis* Griffiths, 1967**

Distribution: England

***Chorebus maculigastra* Shenefelt, 1974**

Nomenclature:

maculata (Nixon, 1944, *Dacnusa*) preocc.

Distribution: England, Ireland

***Chorebus merellus* (Nixon, 1937)**

Nomenclature:

Dacnusa merella Nixon, 1937

Distribution: England, Scotland, Ireland

Chorebus merion* (Nixon, 1945)*Nomenclature:**

Dacnusa merion Nixon, 1945

Distribution: England

Chorebus miodes* (Nixon, 1949)*Nomenclature:**

Gyrocampa miodes Nixon, 1949

Distribution: England, Ireland

Chorebus misellus* (Marshall, 1895)*Nomenclature:**

Dacnusa misella Marshall, 1895

Distribution: England

Chorebus mitrus* (Nixon, 1945)*Nomenclature:**

Dacnusa mitra Nixon, 1945

Distribution: England, Scotland, Ireland

Chorebus nanus* (Nixon, 1943)*Nomenclature:**

Dacnusa nana Nixon, 1943

Distribution: England

Chorebus navicularis* (Nees, 1812)*Nomenclature:**

Bassus navicularis Nees, 1812

Distribution: England

Chorebus nerissus* (Nixon, 1937)*Nomenclature:**

Dacnusa nerissa Nixon, 1937

Distribution: England

***Chorebus nigriscapوس* (Nixon, 1949)**

Nomenclature:

Gyrocampa nigriscaposa Nixon, 1949

propodealis (Nixon, 1949, *Gyrocampa*)

Distribution: Ireland

***Chorebus ninella* (Nixon, 1945)**

Nomenclature:

Dacnusa ninella Nixon, 1945

Distribution: England, Scotland, Ireland

***Chorebus nobilis* Griffiths, 1968**

Distribution: England, Ireland

***Chorebus nomia* (Nixon, 1937)**

Nomenclature:

Dacnusa nomia Nixon, 1937

Distribution: England, Ireland

***Chorebus nydia* (Nixon, 1937)**

Nomenclature:

Dacnusa nydia Nixon, 1937

Distribution: England, Scotland, Ireland

***Chorebus orbiculatae* Griffiths, 1967**

Distribution: England, Ireland

***Chorebus ovalis* (Marshall, 1896)**

Nomenclature:

Dacnusa ovalis Marshall, 1896

Distribution: England, Ireland

Chorebus parvungula* (Thomson, 1895)*Nomenclature:**

Dacnusa parvungula Thomson, 1895

acco (Nixon, 1943, *Dacnusa*)

Distribution: England, Scotland, Ireland

Chorebus perkinsi* (Nixon, 1944)*Nomenclature:**

Dacnusa perkinsi Nixon, 1944

Distribution: England

Chorebus petiolatus* (Nees, 1834)*Nomenclature:**

Alysia petiolata Nees, 1834

Distribution: England, Scotland, Ireland

Chorebus phaedra* (Nixon, 1937)*Nomenclature:**

Dacnusa phaedra Nixon, 1937

Distribution: England, Scotland

***Chorebus pimpinellae* Griffiths, 1967**

Distribution: England

Chorebus pione* (Nixon, 1944)*Nomenclature:**

Dacnusa pione Nixon, 1944

Distribution: England

***Chorebus poemyzae* Griffiths, 1968**

Distribution: England, Scotland

Chorebus posticus* (Haliday, 1839)*Nomenclature:**

Alysia postica Haliday, 1839

gracilis (Nees, 1834, *Alysia*); synonymy by Achterberg (1997)

egregia (Marshall, 1895, *Dacnusa*)

dentatus (Tobias, 1962, *Dacnusa*); synonymy by Tobias (1986)

Distribution: England, Scotland, Ireland

Chorebus pulverosus* (Haliday, 1839)*Nomenclature:**

Alysia pulverosa Haliday, 1839

marsyas (Nixon, 1937, *Dacnusa*)

Distribution: England, Ireland

Chorebus punctum* (Goureau, 1851)*Nomenclature:**

Dacnusa punctum Goureau, 1851

Distribution: England, Scotland, Ireland

Chorebus resa* (Nixon, 1937)*Nomenclature:**

Dacnusa resa Nixon, 1937

Distribution: England

Chorebus rhanis* (Nixon, 1943)*Nomenclature:**

Dacnusa rhanis Nixon, 1943

Distribution: Scotland

Chorebus risilis* (Nixon, 1949)*Nomenclature:**

Gyrocampa risilis Nixon, 1949

Distribution: Ireland

Chorebus rondanii* (Giard, 1904)*Nomenclature:**

Dacnusa rondanii Giard, 1904

galbus (Nixon, 1944, *Dacnusa*)

Distribution: England

Chorebus rotundiventris* (Thomson, 1895)*Nomenclature:**

Dacnusa rotundiventris Thomson, 1895

Distribution: Ireland

Chorebus rousseaui* (Schulz, 1907)*Nomenclature:**

Dacnusa rousseaui Schulz, 1907

Notes: The status of this taxon needs further research.

Chorebus ruficollis* (Stelfox, 1957)*Nomenclature:**

Gyrocampa ruficollis Stelfox, 1957

Distribution: Ireland

Chorebus rufimarginatus* (Stelfox, 1954)*Nomenclature:**

Dacnusa rufimarginata Stelfox, 1954

Distribution: Ireland

***Chorebus scabiosae* Griffiths, 1967**

Distribution: England

***Chorebus scabrifossa* Stelfox, 1957**

Distribution: Ireland

Chorebus selene* (Nixon, 1937)*Nomenclature:**

Dacnusa selene Nixon, 1937

Distribution: England, Scotland

Chorebus senilis* (Nees, 1812)*Nomenclature:**

Bassus senilis Nees, 1812

tomentosus (Thomson, 1895, *Dacnusa*)

nemesis (Morley, 1924, *Dacnusa*)

Distribution: England, Scotland, Wales, Ireland

Chorebus serus* (Nixon, 1937)*Nomenclature:**

Dacnusa sera Nixon, 1937

Distribution: England

Chorebus siniffa* (Nixon, 1937)*Nomenclature:**

Dacnusa siniffa Nixon, 1937

Distribution: England, Ireland

Chorebus solstitialis* (Stelfox, 1952)*Nomenclature:**

Dacnusa solstitialis Stelfox, 1952

Distribution: England

***Chorebus spenceri* Griffiths, 1964**

Distribution: England, Scotland

***Chorebus striola* Stelfox, 1957**

Distribution: Ireland

***Chorebus sylvestris* Griffiths, 1967**

Distribution: England, Scotland, Ireland

***Chorebus talaris* (Haliday, 1839)**

Nomenclature:

Alysia talaris Haliday, 1839

Distribution: England, Scotland, Ireland

***Chorebus tamiris* (Nixon, 1943)**

Nomenclature:

Dacnusa tamiris Nixon, 1943

Distribution: England

***Chorebus tamsi* (Nixon, 1944)**

Nomenclature:

Dacnusa tamsi Nixon, 1944

Distribution: England

***Chorebus tanis* (Nixon, 1945)**

Nomenclature:

Dacnusa tanis Nixon, 1945

Distribution: England

***Chorebus tenellae* Griffiths, 1967**

Distribution: Scotland, Ireland

Notes: added by Griffiths (1984)

***Chorebus thecla* (Nixon, 1943)**

Nomenclature:

Dacnusa thecla Nixon, 1943

Distribution: England

Chorebus thisbe* (Nixon, 1937)*Nomenclature:**

Dacnusa thisbe Nixon, 1937

Distribution: England

Chorebus thusa* (Nixon, 1937)*Nomenclature:**

Dacnusa thusa Nixon, 1937

Distribution: England, Ireland

Chorebus transversus* (Nixon, 1954)*Nomenclature:**

Dacnusa transversa Nixon, 1954

Distribution: England, Scotland, Ireland

***Chorebus trilobomyzae* Griffiths, 1968**

Distribution: England, Scotland

Chorebus uliginosus* (Haliday, 1839)*Nomenclature:**

Alysia uliginosa Haliday, 1839

thienemanni (Ruschka, 1913, *Gyrocampa*)

Distribution: England, Ireland

Chorebus uma* (Nixon, 1944)*Nomenclature:**

Dacnusa uma Nixon, 1944

Distribution: England

Chorebus varuna* (Nixon, 1945)*Nomenclature:**

Dacnusa varuna Nixon, 1945

Distribution: England, Scotland

***Chorebus vernalis* Griffiths, 1968**

Distribution: England

***Chorebus vitripennis* Griffiths, 1968**

Distribution: Scotland, Wales, Ireland

Genus *Coelinidea* Viereck, 1913**Nomenclature:**

LEPTON Zetterstedt, 1838 preocc.

ERICOELINIUS Viereck, 1913

FISCHERASTRIOLUS Perepechayenko, 1999

Notes: There is no recent treatment of this genus; generic synonymy follows Achterberg (2014).

Coelinidea elegans* (Curtis, 1829)*Nomenclature:**

Chaenon elegans Curtis, 1829

brevicornis (Curtis, 1829, *Chaenon*)

cingulatus (Curtis, 1829, *Chaenon*)

rufinotatus (Curtis, 1829, *Chaenon*)

similis (Curtis, 1829, *Chaenon*)

Distribution: England, Ireland

Coelinidea fuliginosus* (Curtis, 1829)*Nomenclature:**

Chaenon fuliginosus Curtis, 1829

Distribution: England

Coelinidea gracilis* (Curtis, 1829)*Nomenclature:**

Chaenon gracilis Curtis, 1829

attenuator (Zetterstedt, 1838, *Lepton*)

Distribution: England, Scotland, Ireland

Coelinidea niger* (Nees, 1811)*Nomenclature:**

Stephanus niger Nees, 1811

affinis (Curtis, 1829, *Chaenon*)

nigricans (Westwood, 1835, *Chaenon*)

olivieri (Guérin-Ménéville, 1842, *Alysia*)

Distribution: England, Ireland

Coelinidea obscurus* (Curtis, 1829)*Nomenclature:**

Chaenon obscurus Curtis, 1829

Distribution: England

Coelinidea podagricus* (Haliday, 1839)*Nomenclature:**

Alysia podagrica Haliday, 1839

Distribution: Ireland

Coelinidea ruficollis* (Herrich-Schäffer, 1838)*Nomenclature:**

Coelinus ruficollis Herrich-Schäffer, 1838

procerus (Haliday, 1839, *Alysia*)

Distribution: England

Coelinidea viduus* (Curtis, 1829)*Nomenclature:**

Chaenon viduus Curtis, 1829

ater (Curtis, 1837, *Chaenon*) nom. nud.

Distribution: England, Ireland

Genus *Coelinus* Nees, 1818**Nomenclature:**

CHAENON Curtis, 1829

COPISURA Schiødte, 1837

COPIDURA Förster, 1862

Notes: Griffiths (1964) proposed that *Polemochartus* and *Coelinidea* should be included as subgenera of *Coelinus*. Wharton and Austin (1991), Wharton (1994) and Kula (2008) supported the concept of an enlarged *Coelinus* but, pointing to intermediate taxa in the Oriental Region, argued against the retention of subgenera. Achterberg (2014) retains the three genera which is current European usage and is followed here pending a modern review of the group.

***Coelinus parvulus* (Nees, 1811)**

Nomenclature:

Chaenon parvulus Nees, 1811

?*cultriformis* (Latreille, 1802, *Ichneumon*)

circulator (Gravenhorst, 1807, *Ichneumon*) preocc.

anceps (Curtis, 1829, *Chaenon*)

rimator (Schiødte, 1837, *Copisura*)

bicarinatus Herrich-Schäffer, 1838

flexuosus Herrich-Schäffer, 1838

bicolor Maréchal, 1938

Distribution: England, Scotland, Ireland, Isle of Man

Genus *Coloneura* Förster, 1863

Nomenclature:

ISOMERISTA Förster, 1863

TRISISA Förster, 1863

MERITES Nixon, 1943

PRIAPSIS Nixon, 1943

***Coloneura dice* (Nixon, 1943)**

Nomenclature:

Priapsis dice Nixon, 1943

Distribution: England

Coloneura stylata* Förster, 1863*Nomenclature:**

exilis (Förster, 1863, *Trisisa*)

oligomera (Förster, 1863, *Isomerista*)

taras (Nixon, 1943, *Merites*)

Distribution: England, Ireland

Genus *Dacnusa* Haliday, 1833**Nomenclature:**

AGONIA Förster, 1863

APHANTA Förster, 1863

BRACHYSTROPHA Förster, 1863

LIPOSCIA Förster, 1863

PACHYSEMA Förster, 1863

RHIZARCHA Förster, 1863

TANYSTROPHA Förster, 1863

RADIOLARIA Provancher, 1886

COLONEURELLA van Achterberg, 1976

Dacnusa abdita* Haliday, 1838*Nomenclature:**

incidens Thomson, 1895

lepida Marshall, 1896

Distribution: England, Scotland, Wales, Ireland

Dacnusa adducta* (Haliday, 1839)*Nomenclature:**

Alysia adducta Haliday, 1839

abducta misspelling

Distribution: England, Scotland, Ireland

Notes: Based on its unusual venation, *adducta* is often placed in the monotypic genus *Agonia*; Griffiths' (Griffiths 1964) argument that it is a derived species of *Dacnusa* is followed here.

***Dacnusa alticeps* Nixon, 1937**

Distribution: England, Scotland

***Dacnusa aquilegiae* Marshall, 1896**

Distribution: England, Scotland

***Dacnusa areolaris* (Nees, 1811)**

Nomenclature:

Bracon areolaris Nees, 1811

lysias Goureaux, 1851

Distribution: England, Scotland, Wales, Ireland

***Dacnusa astarte* (Nixon, 1948)**

Nomenclature:

Rhizarcha astarte Nixon, 1948

Distribution: England

***Dacnusa aterrima* Thomson, 1895**

Distribution: England

***Dacnusa confinis* Ruthe, 1859**

Nomenclature:

minuta (Curtis, 1826, *Alysia*)

Distribution: England, Wales, Ireland

Notes: *Alysia minuta* was listed as a species of *Alysia* by Shenefelt (1974) and Huddleston (1978) although a junior homonym of *Alysia minuta* Nees, 1812; Wharton (1986) showed it to belong to *Dacnusa* and van Achterberg (in litt.) concluded that it is conspecific with *confinis*.

***Dacnusa delphinii* Griffiths, 1967**

Distribution: England

***Dacnusa discolor* (Förster, 1863)**

Nomenclature:

Liposcia discolor Förster, 1863

cercides (Nixon, 1954, *Pachysema*)

Distribution: England, Scotland, Ireland

***Dacnusa dryas* (Nixon, 1948)**

Nomenclature:

Rhizarcha dryas Nixon, 1948

Distribution: England

***Dacnusa ergeteles* (Nixon, 1954)**

Nomenclature:

Pachysema ergeteles Nixon, 1954

Distribution: Ireland

***Dacnusa euphrasiella* Griffiths, 1984**

Distribution: Ireland

Notes: added by Griffiths (1984)

***Dacnusa evadne* Nixon, 1937**

Distribution: England, Scotland, Ireland

***Dacnusa faeroeensis* (Roman, 1917)**

Nomenclature:

Rhizarcha faeroeensis Roman, 1917

lestes Nixon, 1937

Distribution: England, Scotland, Wales, Ireland

***Dacnusa fasciata* Stelfox, 1954**

Distribution: Ireland

***Dacnusa hospita* (Förster, 1863)**

Nomenclature:

Aphanta hospita Förster, 1863

Distribution: England, Scotland, Ireland

***Dacnusa laeta* (Nixon, 1954)**

Nomenclature:

Pachysema laeta Nixon, 1954

Distribution: England, Scotland, Ireland

***Dacnusa laevipectus* Thomson, 1895**

Nomenclature:

nox (Morley, 1924, *Rhizarcha*)

Distribution: England, Scotland, Wales, Ireland

***Dacnusa lissos* (Nixon, 1954)**

Nomenclature:

Pachysema lissos Nixon, 1954

Distribution: England

***Dacnusa longiradialis* Nixon, 1937**

Distribution: England, Scotland, Ireland

***Dacnusa lugens* (Haliday, 1839)**

Nomenclature:

Alysia lugens Haliday, 1839

Distribution: England, Ireland

Dacnusa macrospila* (Haliday, 1839)*Nomenclature:**

Alysia macrospila Haliday, 1839

Distribution: England, Scotland, Ireland

***Dacnusa maculipes* Thomson, 1895**

Distribution: England, Scotland, Wales, Ireland

Dacnusa maxima* (Fischer, 1961)*Nomenclature:**

Pachysema maxima Fischer, 1961

Distribution: Wales

Dacnusa melicerta* (Nixon, 1954)*Nomenclature:**

Pachysema melicerta Nixon, 1954

fumipes Tobias, 1998

Distribution: England, Scotland, Ireland

Dacnusa merope* (Nixon, 1948)*Nomenclature:**

Rhizarcha merope Nixon, 1948

Distribution: England

Dacnusa metula* (Nixon, 1954)*Nomenclature:**

Pachysema metula Nixon, 1954

Distribution: England, Scotland, Ireland

Dacnusa monticola* (Förster, 1863)*Nomenclature:**

Brachystropha monticola Förster, 1863

mutia (Nixon, 1948, *Rhizarcha*)

coracina Stelfox, 1957

Distribution: Ireland

***Dacnusa nigrella* Griffiths, 1967**

Distribution: Scotland

Notes: added by Godfray and Bland (2011)

***Dacnusa nigropygmaea* Stelfox, 1954**

Distribution: Ireland

***Dacnusa obesa* Stelfox, 1954**

Distribution: Scotland, Ireland

***Dacnusa ocyroe* Nixon, 1937**

Distribution: England, Scotland, Wales, Ireland

***Dacnusa plantaginis* Griffiths, 1967**

Nomenclature:

discolor misident.

Distribution: England, Scotland, Wales, Ireland

***Dacnusa pubescens* (Curtis, 1826)**

Nomenclature:

Alysia pubescens Curtis, 1826

exserens (Nees, 1834, *Alysia*)

Distribution: England, Scotland, Ireland

***Dacnusa sibirica* Telenga, 1934**

Distribution: England, Scotland, Wales, Ireland

***Dacnusa comis* (Nixon, 1954)**

Nomenclature:

Pachysema comis Nixon, 1954

Dacnusa soma* (Nixon, 1948)*Nomenclature:**

Rhizarcha soma Nixon, 1948

Distribution: Scotland, Ireland

Dacnusa stramineipes* (Haliday, 1839)*Nomenclature:**

Alysia stramineipes Haliday, 1839

haemorrhoea (Förster, 1863, *Tanystropha*)

longicauda Thomson, 1895

Distribution: England, Scotland, Ireland

Notes: *Dacnusa longicauda* was synonymised by Nixon (1937) although this was overlooked by Huddleston (1978).

Dacnusa tarsalis* Thomson, 1895*Nomenclature:**

nitetis (Nixon, 1948, *Rhizarcha*)

Distribution: England, Scotland, Wales, Ireland

Dacnusa temula* (Haliday, 1839)*Nomenclature:**

Alysia temula Haliday, 1839

Distribution: England, Scotland, Ireland

***Dacnusa veronicae* Griffiths, 1967**

Distribution: England, Scotland

Genus *Epimicta* Förster, 1863***Epimicta marginalis* (Haliday, 1839)****Nomenclature:**

Alysia marginalis Haliday, 1839

Distribution: England, Ireland

Genus *Exotela* Förster, 1863**Nomenclature:**

MESORA Förster, 1863

TOXELEA Nixon, 1943

ANTRUSA Nixon, 1943

Notes: Griffiths' (Griffiths 1964, Griffiths 1967a, Griffiths 1967b, Griffiths 1967c, Griffiths 1968a, Griffiths 1968b) concept of *Exotela* is followed here; the most plesiomorphic species (*flavicoxa*, *interstitialis*, *melanocera* and *vaenia*) are often placed in *Antrusa* (e.g. Achterberg 2014).

Exotela cyclogaster* Förster, 1863*Nomenclature:**

bellina (Nixon, 1937, *Dacnusa*)

umbellina (Nixon, 1954, *Toxelea*)

sonchina Griffiths, 1967

Distribution: England, Scotland, Wales, Ireland

Notes: Griffiths (1967c) divided *cyclogaster* into three subspecies, nominate *cyclogaster*, *umbellina* and *sonchina*. Tobias (1986) later treated these as separate species although Godfray (1984) argued that *umbellina* and *cyclogaster* are host race variants. Pending further research they are treated here as a single taxon.

Exotela dives* (Nixon, 1954)*Nomenclature:**

Toxelea dives Nixon, 1954

Distribution: Ireland

Exotela flavicoxa* (Thomson, 1895)*Nomenclature:**

Dacnusa flavicoxa Thomson, 1895

Distribution: England, Scotland, Ireland

Exotela gilvipes* (Haliday, 1839)*Nomenclature:**

Alysia gilvipes Haliday, 1839

albilabris (Thomson, 1895, *Dacnusa*)

Distribution: England, Scotland, Ireland

***Exotela hera* (Nixon, 1937)**

Nomenclature:

Dacnusa hera Nixon, 1937

Distribution: England, Scotland, Isle of Man

***Exotela interstitialis* (Thomson, 1895)**

Nomenclature:

Dacnusa interstitialis Thomson, 1895

mamertes (Nixon, 1943, *Dacnusa*)

Notes: Placed in *Chorebus* by Tobias and Jakimavicius (1973) and in *Antrusa* by Papp (2007); needs further research.

***Exotela lonicerae* Griffiths, 1967**

Distribution: England, Scotland

***Exotela melanocera* (Thomson, 1895)**

Nomenclature:

Dacnusa melanocera Thomson, 1895

persimilis (Nixon, 1954, *Antrusa*)

Distribution: England, Ireland

***Exotela phryne* (Nixon, 1954)**

Nomenclature:

Toxalea phryne Nixon, 1954

Distribution: England, Scotland

***Exotela spinifer* (Nixon, 1954)**

Nomenclature:

Toxalea spinifer Nixon, 1954

Distribution: England, Scotland, Ireland

Exotela sulcata* (Tobias, 1962)*Nomenclature:**

Pachysema sulcata Tobias, 1962

Distribution: England, Scotland, Ireland

Exotela vaenia* (Nixon, 1954)*Nomenclature:**

Antrusa vaenia Nixon, 1954

Distribution: England

***Exotela viciae* Griffiths, 1984**

Distribution: England

Notes: added by Griffiths (1984)

Genus *Laotris* Nixon, 1943***Laotris striatula* (Haliday, 1839)****Nomenclature:**

Alysia striatula Haliday, 1839

Distribution: England, Scotland, Ireland

Genus *Polemochartus* Nees, 1818***Polemochartus liparae* (Giraud, 1863)****Nomenclature:**

Polemon liparae Giraud, 1863

Distribution: England

Polemochartus melas* (Giraud, 1863)*Nomenclature:**

Polemon melas Giraud, 1863

Distribution: England

Notes: added by Shaw and Jennings (2008)

Genus *Protodacnusa* Griffiths, 1964***Protodacnusa litoralis* Griffiths, 1964**

Distribution: Ireland

***Protodacnusa tristis* (Nees, 1834)**

Nomenclature:

Alysia tristis Nees, 1834

ampliator (Haliday, 1839, *Alysia*) preocc.

longistigma (Telenga, 1935, *Dacnusa*)

Distribution: England, Ireland

Genus *Sarops* Nixon, 1942***Sarops rea* Nixon, 1942**

Distribution: England

Genus *Synelix* Förster, 1863

Nomenclature:

ECTILIS Nixon, 1943

***Synelix semirugosa* (Haliday, 1839)**

Nomenclature:

Alysia semirugosa Haliday, 1839

agnata Förster, 1863

amaurosomae (Telenga, 1935, *Dacnusa*)

Distribution: England, Scotland, Wales, Ireland

Genus *Tates* Nixon, 1943***Tates heterocera* (Thomson, 1895)**

Nomenclature:

Dacnusa heterocera Thomson, 1895

Distribution: England, Scotland

Genus *Trachionus* Haliday, 1833**Subgenus *Trachionus* Haliday, 1833****Nomenclature:**

AENONE Curtis, 1837 preocc.

AENONE Haliday, 1838 preocc., nom. nud.

OENONE Haliday, 1839 preocc.

SYMPHYA Förster, 1863

ANARMUS Ruthe, 1882

Notes: Generic synonymy follows Achterberg (1997).

Trachionus (Trachionus) mandibularis* (Nees, 1816)*Nomenclature:**

Sigalphus mandibularis Nees, 1816

Distribution: England, Wales, Ireland

Subgenus *Planiricus* Perepechayenko, 2000***Trachionus (Planiricus) hians* (Nees, 1816)****Nomenclature:**

Sigalphus hians Nees, 1816

Distribution: England, Scotland, Ireland

Trachionus (Planiricus) ringens* (Haliday, 1839)*Nomenclature:**

Alysia ringens Haliday, 1839

Distribution: England, Scotland, Ireland

Aphidiinae

Subfamily Aphidiinae Haliday, 1833

Notes: In the older literature (and some very recent literature) often treated as a separate family (i.e. Aphidiidae) within Ichneumonoidea. Some distribution data from Mackauer (1961), Starý (1978) and Baker (2013).

Tribe Aphidiini Haliday, 1833

Genus *Adialytus* Förster, 1863

Adialytus ambiguus (Haliday, 1834)

Nomenclature:

Aphidius ambiguus Haliday, 1834
diminuens (Nees, 1834, *Aphidius*)
?exiguus (Haliday, 1834, *Aphidius*)
delhiensis (Subba Rao & Sharma, 1960, *Aphidius*)
arvicola (Starý, 1961, *Lysiphlebus*)
mackaueri (Starý, 1961, *Lysiphlebus*)
crocinus (Mackauer, 1962, *Lysiphlebus*)

Distribution: Scotland, Wales

Notes: The type of *exiguus* is lost (Achterberg 1997).

Adialytus salicaphis (Fitch, 1855)

Nomenclature:

Trioxys salicaphis Fitch, 1855
populaphis (Fitch, 1855, *Trioxys*)
tenuis Förster, 1863
salicaphidis (Ashmead, 1889, *Lipolexis*)
laticephalus (Telenga, 1953, *Aphidius*)

Distribution: England, Wales

Notes: added by Baker and Broad (2009)

Genus *Aphidius* Nees, 1818**Nomenclature:**

INCUBUS Schrank, 1802 nom. ob.

THERACMION Holmgren, 1872

EUAPHIDIUS Mackauer, 1961

Notes: doubtfully placed species of *Aphidius*:

[*constrictus* (Nees, 1811, *Bracon*)] Included as a British species by Lyle (1933) on the basis of Szépligeti's (Szépligeti 1904) Palaeartic catalogue; the type is lost and the species has not been interpreted by recent authors.

[*dimidiatus* Curtis, 1831]

[*pallidinotus* Haliday, 1834 nom. nud.]

[*pseudoplatanus* Curtis, 1837; *constrictus* misident.] There have been no references to this species other than catalogue listings (Smith 1853, Marshall 1872). Although proposed (Curtis 1837) as a name for the species called *Aphidius constrictus* by Haliday, it has not been interpreted by recent authors.

[*viminalis* Haliday, 1834 nom. nud.]

***Aphidius absinthii* Marshall, 1896**

Distribution: England

Notes: Treated as a valid species of *Aphidius* by Rakhshani et al. (2011) rather than a synonym of *asteris*.

Aphidius aquilus* Mackauer, 1961*Nomenclature:**

sicarius Mackauer, 1961

callipterinellae (Takada, 1966, *Lysaphidus*)

Distribution: England, Wales

Aphidius asteris* Haliday, 1834*Nomenclature:**

melanocephalus (Nees, 1811, *Bracon*)

lutescens Haliday, 1834

commodus Gahan, 1926

artemisiae Ivanov, 1927

Distribution: England, Wales

***Aphidius avenae* Haliday, 1834**

Nomenclature:

picipes (Nees, 1811, *Bracon*) suppressed

crithmi Marshall, 1896

granarius Marshall, 1896

pascuorum Marshall, 1896

hungaricus (Györfi, 1958, *Lysiphlebus*)

caraganae Starý, 1963

Distribution: England, Wales, Ireland

***Aphidius cingulatus* Ruthe, 1859**

Nomenclature:

arcticus (Holmgren, 1872, *Theracmion*)

gregarius Marshall, 1872

lachni Ashmead, 1889

pterocommae Ashmead, 1889

pterocommae Marshall, 1896 preocc.

luzhetzki Telenga, 1958

Distribution: England, Wales

***Aphidius colemani* Viereck, 1912**

Nomenclature:

huebrichi Brèthes, 1913

platensis Brèthes, 1913

porteri Brèthes, 1915

aphidiphilus Benoit, 1955

leroyi Benoit, 1955

transcaspicus Telenga, 1958

Notes: #Introduced into greenhouses for biocontrol (Starý 1975).

Aphidius eadyi* Starý, Gonzalez & Hall, 1980*Nomenclature:***urticae* misident.**Distribution:** England**Notes:** added by Müller et al. (1999)***Aphidius eglanteriae* Haliday, 1834*****Aphidius ervi* Haliday, 1834****Nomenclature:***infirmus* (Nees, 1811, *Bracon*)*ulmi* Marshall, 1896*medicaginis* Marshall, 1898*fumipennis* Györfi, 1958*nigrescens* Mackauer, 1962*mirotarsi* Starý, 1963**Distribution:** England, Wales, Ireland***Aphidius fumatus* Haliday, 1834*****Aphidius funebris* Mackauer, 1961****Nomenclature:***cirsii* Ivanov, 1925 preocc.*bispinosus* Telenga, 1958*eriophori* Mackauer, 1967**Distribution:** England, Wales**Notes:** added by Pennacchio (1989)***Aphidius hortensis* Marshall, 1896****Nomenclature:***berberidis* Smith, 1944**Distribution:** England, Wales

Aphidius matricariae* Haliday, 1834*Nomenclature:**

arundinis Haliday, 1834
cirsii Haliday, 1834 preocc.
phorodontis Ashmead, 1889
chrysanthemi Marshall, 1896
lychnidis Marshall, 1896
polygoni Marshall, 1896
affinis Quilis, 1931
baudysi Quilis, 1931
discrytus Quilis, 1931
merceti Quilis, 1931
obscuriformis Quilis, 1931
valentinus Quilis, 1931
renominatus Hincks, 1943
nigriteleus Smith, 1944

Distribution: England, Wales, Ireland

***Aphidius microlophii* Pennacchio & Tremblay, 1987**

Distribution: England, Wales

Notes: Added by Pennacchio (1989); also recorded by Müller et al. (1999).

Aphidius rhopalosiphi* de Stefani-Perez, 1902*Nomenclature:**

equiseticola Starý, 1963
poacearum Starý, 1963

Distribution: England

Aphidius ribis* Haliday, 1834*Nomenclature:**

ribaphidis (Ashmead, 1889, *Lysiphlebus*)
scabiosae Marshall, 1896
ribis Ashmead, 1898 preocc.

Distribution: England

***Aphidius rosae* Haliday, 1833**

Nomenclature:

aphidum (Linnaeus, 1758, *Ichneumon*) nom. ob.

aphidator (Thunberg, 1824, *Ichneumon*) nom. ob.

rosae Curtis, 1831 nom. nud.

protaeus Wesmael, 1835

rosarum Nees, 1834

xanthostoma Bouché, 1834

protaeus Wesmael, 1835

cancellatus Buckton, 1876

Distribution: England, Wales, Ireland

***Aphidius rubi* Stary, 1962**

Distribution: England

Notes: Added by Müller et al. (1999); Belshaw (appendix in Müller et al. 1999) demonstrates that this species should be treated as separate from *urticae*.

***Aphidius salicis* Haliday, 1834**

Nomenclature:

restrictus Nees, 1834

duodecimarticulatus Ratzeburg, 1852

dauci Marshall, 1896

Distribution: England, Wales

***Aphidius setiger* (Mackauer, 1961)**

Nomenclature:

Euaphidius setiger Mackauer, 1961

aceri Ivanov, 1925

Distribution: Wales

Notes: added by Baker and Broad (2009)

***Aphidius sonchi* Marshall, 1896**

Distribution: England, Wales

Aphidius tanacetarius* Mackauer, 1962*Nomenclature:**

tanacetii Curtis, 1837 nom. nud.

tanaceticola Starý, 1963

Notes: Belokobylskij et al. (2003) treat *tanacetarius* as the valid name for *tanacetii*, which is a nomen nudum. This species has not been listed as British since its original description (Curtis 1837) and Smith's (Smith 1853) catalogue. Pungertl (1986) treated *tanacetarius* as a valid species but did not see any British or Irish material.

Aphidius urticae* Haliday, 1834*Nomenclature:**

euphorbiae Marshall, 1896

longulus Marshall, 1896

lonicerae Marshall, 1896

silenes Marshall, 1896

goidanichi Quilis, 1932

ivanovae Telenga, 1958

rubi Starý, 1962

silvaticus Starý, 1962

aulacorthi Starý, 1963

Distribution: England

Aphidius uzbekistanicus* Luzhetski, 1960*Nomenclature:**

urticae misident.; Powell (1982)

?*beltrani* Quilis, 1931

?*indivisus* Quilis, 1931

?*macropterus* Quilis, 1931

?*pailoti* Quilis, 1931

impressus Mackauer, 1965

Distribution: England

Notes: *Aphidius beltrani* is a possible senior synonym of *uzbekistanicus* (Starý 1973).

Genus *Betuloxys* Mackauer, 1960

Betuloxys compressicornis (Ruthe, 1859)

Nomenclature:

Trioxys compressicornis Ruthe, 1859

testaceus (Stelfox, 1948, *Trioxys*)

Distribution: England, Wales, Ireland

Genus *Binodoxys* Mackauer, 1960

Nomenclature:

MISAPHIDUS Rondani, 1848 nom. ob.

Notes: In Belokobylskij et al. (2003), van Achterberg listed these species under the genus name *Misaphidus* but, according to van Achterberg (pers. comm.), *Misaphidus* Rondani, 1848 *s.l.* (type-species: *Misaphidus crudelis* Rondani, 1848 (= *Aphidius centaureae* Haliday, 1833)) is a nomen oblitum according to Article 23.9 of ICZN.

Binodoxys acalephae (Marshall, 1896)

Nomenclature:

Aphidius acalephae Marshall, 1896

rietscheli (Mackauer, 1959, *Trioxys*)

urticae (Mackauer, 1959, *Trioxys*)

Distribution: England

Binodoxys angelicae (Haliday, 1833)

Nomenclature:

Aphidius angelicae Haliday, 1833

placidus (Gautier, 1922, *Trioxys*)

boscai (Quilis, 1931, *Trioxys*)

fumariae (Quilis, 1931, *Trioxys*)

granatensis (Quilis, 1931, *Trioxys*)

obscuriformis (Quilis, 1931, *Trioxys*)

amoplanus (Quilis, 1934, *Trioxys*)

mediterraneus (Mackauer, 1960, *Trioxys*)

wollastonii (Cabrera, 1962, *Trioxys*) nom. nud.

sikkimensis (Raychaudhuri, Samanta, Pramanik, Tamili & Sarkar, 1990, *Trioxys*)

Distribution: Wales

***Binodoxys brevicornis* (Haliday, 1833)**

Nomenclature:

Aphidius brevicornis Haliday, 1833

minutus (Haliday, 1833, *Aphidius*)

Distribution: Wales, Ireland

***Binodoxys centaureae* (Haliday, 1833)**

Nomenclature:

Aphidius centaureae Haliday, 1833

crudelis (Rondani, 1848, *Misaphidius*)

orientalis (Stary & Schlinger, 1967, *Trioxys*)

uroleucon Takada & Rishi, 1980

Distribution: England, Scotland, Wales, Ireland

***Binodoxys heraclei* (Haliday, 1833)**

Nomenclature:

Aphidius heraclei Haliday, 1833

obsoletus (Wesmael, 1835, *Aphidius*)

variegator (Szépligeti, 1898, *Trioxys*)

Distribution: Wales

***Binodoxys letifer* (Haliday, 1833)**

Nomenclature:

Aphidius letifer Haliday, 1833

Distribution: Ireland

Genus *Diaeretellus* Starý, 1960***Diaeretellus ephippium* (Haliday, 1834)****Nomenclature:**

Aphidius ephippium Haliday, 1834

Distribution: England, Ireland

Genus *Diaeretiella* Starý, 1960***Diaeretiella rapae* (McIntosh, 1855)****Nomenclature:**

Aphidius rapae McIntosh, 1855

vulgaris (Bouché, 1834, *Aphidius*)

rapae (Curtis, 1860, *Aphidius*) preocc.

chenopodii (Förster, 1867, *Diaeretus*) nom. nud.

halticae (Rondani, 1877, *Misaphidius*)

piceus (Cresson, 1879, *Trioxys*)

chenopodiaphidis (Ashmead, 1889, *Lipolexis*)

ferruginipes (Ashmead, 1890, *Diaeretus*) nom. nud.

brassicae (Marshall, 1896, *Aphidius*)

Distribution: England, Wales

Genus *Diaeretus* Förster, 1863***Diaeretus leucopterus* (Haliday, 1834)****Nomenclature:**

Aphidius leucopterus Haliday, 1834

expectatus (Gautier & Bonnamour, 1936, *Aphidius*)

Distribution: England, Wales

Genus *Harkeria* Cameron, 1900**Nomenclature:**

PARAMONOTONUS Starý, 1959

***Harkeria rufa* Cameron, 1900**

Distribution: England

Notes: Distribution from Achterberg (1989), who elevated *Harkeria* from a subgenus of *Monoctonus*.

Genus *Lipolexis* Förster, 1863

Nomenclature:

GYNOCRYPTUS Quilis, 1931

***Lipolexis gracilis* Förster, 1863**

Nomenclature:

palpator (Gautier & Bonnamour, 1931, *Aphidius*)

pieltaini (Quilis, 1931, *Gynocryptus*)

chinensis Chen, 1980

Distribution: England

Notes: BMNH, det. Torrance & Broad, added here

Genus *Lysaphidus* Smith, 1944***Lysaphidus schimitscheki* Starý, 1960**

Distribution: England

Genus *Lysaphidus* Förster, 1863**Subgenus *Lysiphlebus* Förster, 1863**

Nomenclature:

PLATYCYPHUS Mackauer, 1960

***Lysiphlebus (Lysiphlebus) dissolutus* (Nees, 1811)**

Nomenclature:

Bracon dissolutus Nees, 1811

macrocornis Mackauer, 1960

Distribution: England

Subgenus *Phlebus* Starý, 1975**Nomenclature:**

APHIDARIA Provancher, 1888 preocc.

***Lysiphlebus (Phlebus) confusus* Tremblay & Eady, 1978**

Distribution: England, Wales

Notes: Added here on the basis of specimens in BMNH, identified by R.D. Eady as *ambiguus* sensu Mackauer and Starý nec Haliday, later described by Tremblay and Eady (1978) as a separate species, *confusus*, the true *ambiguus* belonging in *Adialytus*.

Lysiphlebus (Phlebus) fabarum* (Marshall, 1896)*Nomenclature:**

Aphidius fabarum Marshall, 1896
aphidiperda (Rondani, 1877, *Misaphidius*)
monilicornis (Thomson, 1895, *Aphidius*)
cardui (Marshall, 1896, *Aphidius*)
aurantii (Pierantoni, 1907, *Aphidius*)
polygoni (Ivanov, 1927, *Aphidius*) preocc.
gomezi (Quilis, 1930, *Aphidius*)
janinii (Quilis, 1930, *Aphidius*)
inermis Quilis, 1931
innovatus Quilis, 1931
moroderi Quilis, 1931
ivanovi Mackauer, 1967

Distribution: England, Wales

Genus *Monoctonia* Starý, 1962***Monoctonia vesicarii* Tremblay, 1991**

Distribution: England

Notes: added by Rakhshani et al. (2015)

Genus *Monoctonus* Haliday, 1833**Subgenus *Falciconus* Mackauer, 1961*****Monoctonus (Falciconus) pseudoplatani* (Marshall, 1896)****Nomenclature:**

Aphidius pseudoplatani Marshall, 1896

Distribution: England, Wales

Subgenus *Monoctonus* Haliday, 1833***Monoctonus (Monoctonus) caricis* (Haliday, 1833)****Nomenclature:**

Aphidius caricis Haliday, 1833

Distribution: England, Wales

Monoctonus (Monoctonus) cerasi* (Marshall, 1896)*Nomenclature:**

Aphidius cerasi Marshall, 1896

Distribution: England

Monoctonus (Monoctonus) crepidis* (Haliday, 1834)*Nomenclature:**

Aphidius crepidis Haliday, 1834

tuberculatus (Wesmael, 1835, *Aphidius*)

paludum Marshall, 1896

Distribution: England, Wales

***Monoctonus (Monoctonus) ligustri* van Achterberg, 1989**

Distribution: England, Wales

Notes: added by Achterberg (1989)

Monoctonus (Monoctonus) nervosus* (Haliday, 1833)*Nomenclature:**

Aphidius nervosus Haliday, 1833

paulensis (Ashmead, 1902, *Aphidius*)

secundus Viereck, 1915

biroi Györfi, 1958

breviantennalis Starý, 1959

Genus *Paralipsis* Förster, 1863**Nomenclature:**

Myrmecobosca Maneval, 1940

Paralipsis enervis* (Nees, 1834)*Nomenclature:**

Aphidius enervis Nees, 1834

mandibularis (Maneval, 1940, *Myrmecobosca*)

linnei (Hincks, 1949, *Myrmecobosca*)

Distribution: England, Wales

Genus *Pauesia* Quilis Pérez, 1931**Subgenus *Paraphidius* Starý, 1958**

Notes: species of *Pauesia* (*Paraphidius*) excluded from the British and Irish list:

[*silvestris* (Starý, 1960, *Paraphidius*)] added by Enobakhare (2001) but we do not know where Enobakhare's material is deposited and the identification needs to be checked.

Pauesia (Paraphidius) abietis* (Marshall, 1896)*Nomenclature:**

Aphidius abietis Marshall, 1896

Distribution: England

Pauesia (Paraphidius) cupressobii* (Starý, 1960)*Nomenclature:**

Paraphidius cupressobii Starý, 1960

Distribution: Scotland

Notes: BMNH, det. Gärdenfors, added here

***Pauesia (Paraphidius) juniperorum* (Starý, 1960)**

Nomenclature:

Paraphidius juniperorum Starý, 1960

Distribution: England, Scotland

***Pauesia (Paraphidius) pini* (Haliday, 1834)**

Nomenclature:

Aphidius pini Haliday, 1834

planistipes (Nees, 1834, *Aphidius*)

varia (Nees, 1834, *Aphidius*)

panzerii (Rondani, 1848, *Aphidius*)

lachnivorus (Ashmead, 1906, *Aphidius*)

Distribution: England, Scotland, Wales, Ireland

Subgenus *Pauesia* Quilis Pérez, 1931

***Pauesia (Pauesia) infulata* (Haliday, 1834)**

Nomenclature:

Aphidius infulatus Haliday, 1834

albiflagellaris (Starý, 1960, *Paraphidius*)

Distribution: Scotland

***Pauesia (Pauesia) laricis* (Haliday, 1834)**

Nomenclature:

Aphidius laricis Haliday, 1834

Distribution: Wales

***Pauesia (Pauesia) picta* (Haliday, 1834)**

Nomenclature:

Aphidius pictus Haliday, 1834

Distribution: Wales

***Pauesia (Pauesia) unilachni* (Gahan, 1926)**

Nomenclature:

Aphidius unilachni Gahan, 1926

albuferensis Quilis, 1931

praevisus (Gautier & Bonnamour, 1936, *Aphidius*)

basilewskyi (Benoit, 1955, *Trioxys*)

Distribution: England, Wales

Notes: added by Belshaw and Quicke (1997)

Genus *Trioxys* Haliday, 1833

Subgenus *Pectoxys* Mackauer, 1960

***Trioxys (Pectoxys) macroceratus* Mackauer, 1960**

Subgenus *Trioxys* Haliday, 1833

Nomenclature:

APHIDILEO Rondani, 1877

NEVROPENES Provancher, 1886

BIOXYS Starý & Schlinger, 1967

***Trioxys (Trioxys) auctus* (Haliday, 1833)**

Nomenclature:

Aphidius auctus Haliday, 1833

flaviceps Szépligeti, 1898

Distribution: Ireland

***Trioxys (Trioxys) betulae* Marshall, 1896**

Nomenclature:

solani Ivanov, 1925

hincksi Mackauer, 1960

Distribution: England, Wales

Trioxys (Trioxys) cirsii* (Curtis, 1831)*Nomenclature:**

Aphidius cirsii Curtis, 1831

aceris (Haliday, 1833, *Aphidius*)

Distribution: England, Wales, Ireland

***Trioxys (Trioxys) curvicaudus* Mackauer, 1967**

Distribution: England, Wales

Notes: added by Starý (1978)

***Trioxys (Trioxys) falcatus* Mackauer, 1959**

Distribution: Wales

Notes: added by Baker and Broad (2009)

Trioxys (Trioxys) ibis* Mackauer, 1961**Trioxys (Trioxys) pallidus* (Haliday, 1833)****Nomenclature:**

Aphidius pallidus Haliday, 1833

resolutus (Nees, 1834, *Aphidius*)

callipteri (Marshall, 1896, *Aphidius*)

pulcher Gautier & Bonnamour, 1924

Distribution: England, Wales

***Trioxys (Trioxys) tenuicaudus* Starý, 1978**

Distribution: Wales

Notes: added by Baker and Broad (2013)

Tribe Ephedrini Mackauer, 1961**Genus *Ephedrus* Haliday, 1833**

Notes: Synonymy and distribution data from Gärdenfors (1986).

Subgenus *Breviephedrus* Gärdenfors, 1986***Ephedrus (Breviephedrus) brevis* Stelfox, 1941****Nomenclature:**

picticornis Stelfox, 1941

niger Stelfox, 1941 nom. nud.

Distribution: England, Scotland, Ireland

Subgenus *Ephedrus* Haliday, 1833**Nomenclature:**

ELASSUS Wesmael, 1835

***Ephedrus (Ephedrus) cerasicola* Starý, 1962**

Distribution: England

Notes: added by Van Veen et al. (2008)

Ephedrus (Ephedrus) helleni* Mackauer, 1968*Nomenclature:**

salicicola Takada, 1968

Distribution: Scotland

Notes: added by Baker and Broad (2013)

Ephedrus (Ephedrus) lacertosus* (Haliday, 1833)*Nomenclature:**

Aphidius lacertosus Haliday, 1833

muesebecki Smith, 1944

Distribution: England, Scotland, Ireland

Ephedrus (Ephedrus) laevicollis* (Thomson, 1895)*Nomenclature:**

Aphidius laevicollis Thomson, 1895

brevicornis (Nees, 1834, *Aphidius*) preocc.

minor Stelfox, 1941

salicicola Takada, 1968

Distribution: Wales, Ireland

Ephedrus (Ephedrus) niger* Gautier, Bonnamour & Gaumont, 1929*Nomenclature:**

?*aphidivora* (Rondani, 1848, *Alysia*); synonymy by Papp (1996a)

campestris Starý, 1962

Distribution: England

Notes: added by Van Veen et al. (2008)

Ephedrus (Ephedrus) persicae* Froggat, 1904*Nomenclature:**

nevadensis Baker, 1909

nitidus Gahan, 1917

vidali Quilis, 1931

interstitialis Watanabe, 1941

pulchellus Stelfox, 1941

impressus Granger, 1949

holmani Starý, 1958

palaestinensis Mackauer, 1959

Distribution: England, Ireland

Ephedrus (Ephedrus) plagiator* (Nees, 1811)*Nomenclature:**

Bracon plagiator Nees, 1811

parvicornis (Nees, 1834, *Aphidius*)

japonicus Ashmead, 1906

homostigma Fahringer, 1934

Distribution: England, Scotland, Wales, Ireland

Subgenus *Lysephedrus* Starý, 1958

***Ephedrus (Lysephedrus) validus* (Haliday, 1833)**

Nomenclature:

Aphidius validus Haliday, 1833

Distribution: England, Ireland

Genus *Toxares* Haliday, 1840

Nomenclature:

TRIONYX Haliday, 1833 preocc.

TERONYX Haldeman, 1842

***Toxares deltiger* (Haliday, 1833)**

Nomenclature:

Aphidius deltiger Haliday, 1833

flaveolus (Györfi, 1958, *Ephedrus*)

Distribution: England, Ireland

Tribe Praini Mackauer, 1961

Genus *Areopraon* Mackauer, 1959

Nomenclature:

MESOPRAON Starý, 1981; synonymy by Tomanovic et al. (2006)

***Areopraon lepellei* (Waterston, 1926)**

Nomenclature:

Praon lepellei Waterston, 1926

Distribution: England

***Areopraon silvestre* (Starý, 1971)**

Nomenclature:

Praon silvestre Starý, 1971

Distribution: Wales

Notes: Added by Baker and Broad (2013); transferred to *Areopraon* by Tomanovic et al. (2006).

Genus *Dyscritulus* Hincks, 1943

Nomenclature:

DYSCRITUS Marshall, 1896 preocc.

Notes: *Dyscritus suffolciensis* Morley, 1933 is listed by default as a species of *Dyscritulus* in Taxapad (Yu et al. 2012) as, although Starý (1959) recognised it as belonging to Euphorinae, its identity had not yet been established. Here it is synonymised under *Syntretus splendidus* (Marshall) q.v.

Dyscritulus planiceps (Marshall, 1896)

Nomenclature:

Dyscritus planiceps Marshall, 1896

Distribution: England, Wales

Dyscritulus pygmaeus Mackauer, 1961

Genus *Praon* Haliday, 1833

Nomenclature:

ACHORISTUS Ratzeburg, 1852

APHIDARIA Provancher, 1886

PARAPRAON Starý, 1983

Notes: species of *Praon* excluded from the British and Irish list:

[*simulans* (Provancher, 1886, *Aphidaria*); syn. *aguti* Smith, 1944] A Nearctic species, listed by Kloet and Hincks (1945) in error.

Praon abjectum (Haliday, 1833)

Nomenclature:

Aphidius abjectum Haliday, 1833

aphidiiforme (Ratzeburg, 1852, *Bracon*)

peregrinum Ruthe, 1859

Distribution: England, Ireland

***Praon absinthii* Bignell, 1894**

Notes: Erroneously listed in Taxapad as a junior synonym of *flavinode*; see, for example, Kavallieratos et al. (2005).

***Praon barbatum* Mackauer, 1967**

Distribution: England

Notes: BMNH, det. Torrance & Broad, added here

***Praon bicolor* Mackauer, 1959**

Distribution: Wales

Notes: added by Baker and Broad (2009)

***Praon cavariellae* Starý, 1971**

Distribution: Scotland, Wales

Notes: added by Baker and Broad (2013)

***Praon dorsale* (Haliday, 1833)**

Nomenclature:

Aphidius dorsale Haliday, 1833

discolor (Nees, 1834, *Blacus*)

collare Förster, 1867 nom. nud.

Distribution: England, Wales, Ireland

***Praon exoletum* (Nees, 1811)**

Nomenclature:

Bracon exoletum Nees, 1811

palitans Muesebeck, 1956

***Praon flavinode* (Haliday, 1833)**

Nomenclature:

Aphidius flavinode Haliday, 1833

emacerator (Nees, 1834, *Blacus*)

glabrum Starý & Schlinger, 1967

Distribution: England, Wales

***Praon gallicum* Starý, 1971**

Distribution: England

Notes: added by Traugott et al. (2008)

***Praon longicorne* (Marshall, 1896)**

Nomenclature:

Aphidius longicorne Marshall, 1896

grossum Starý, 1971

Distribution: Wales

***Praon necans* Mackauer, 1959**

Nomenclature:

nymphaeae Subba Rao, Sarup & Sharma, 1963

Distribution: Wales

Notes: added by Baker and Broad (2013)

***Praon spinosum* Mackauer, 1959**

Distribution: Wales

Notes: added by Baker and Broad (2009)

***Praon volucre* (Haliday, 1833)**

Nomenclature:

Aphidius volucre Haliday, 1833

angulator (Nees, 1834, *Blacus*)

aphidivorum (Ratzeburg, 1844, *Aphidius*)

pruni Ivanov, 1925

breve Fahringer, 1935

mongolicum Watanabe, 1949

myzophagum Mackauer, 1959

Distribution: England, Wales, Ireland

***Praon yomenae* Takada, 1968**

Distribution: Wales

Notes: added by Baker and Broad (2013)

Brachistinae**Subfamily Brachistinae Förster, 1863**

Nomenclature:

CALYPTINAE Marshall, 1872

Notes: Following Belshaw and Quicke (2002), Achterberg (2003a) and Belokobylskij et al. (2003) we treat the Brachistinae as a subfamily separate from Helconinae. Sharanowski et al. (2011) expanded the limits of the Brachistinae by including the tribe Diospilini and the former subfamily Blacinae (as well as the extralimital Brulleiini). The tribes employed here are those that have been used in previous classifications under the former subfamilies, but the tribal classification remains essentially untested.

Tribe Blacini Förster, 1863

Notes: Generally considered to be a distinct subfamily but Sharanowski et al. (2011) found that the blacines nested within the Brachistinae in their molecular phylogenetic analyses. We think it likely that these results will be upheld with further phylogenetic work and follow Sharanowski et al.'s recommended changes to the subfamily classification. Distribution and taxonomic data from Achterberg (1988a), with additional references given. Note that Tobias (1986) records *B. (Neoblacus) koenigi* Fischer, 1967 from England but there is no evidence that this species occurs here.

Genus *Blacometeorus* Tobias, 1976***Blacometeorus brevicauda* (Hellén, 1958)**

Nomenclature:

Diospilus brevicauda Hellén, 1958

Distribution: England

Notes: added by Achterberg (1988a); Shaw (1996b)

Blacometeorus pusillus* (Hellén, 1958)*Nomenclature:***Diospilus pusillus* Hellén, 1958**Distribution:** England**Notes:** added by Shaw (1996b)**Genus *Blacus* Nees, 1818****Subgenus *Blacus* Nees, 1818****Nomenclature:***GONIOCORMUS* Förster, 1863*MIOCOLUS* Förster, 1863***Blacus (Blacus) errans* (Nees, 1811)****Nomenclature:***Bracon errans* Nees, 1811*vagans* Ruthe, 1861**Distribution:** England***Blacus (Blacus) exilis* (Nees, 1811)****Nomenclature:***Bracon exilis* Nees, 1811*lactucaphis* (Fitch, 1855, *Aphidius*)*pallipes* (Förster, 1863, *Miocolus*)*pallidipes* (Dalla Torre, 1898, *Miocolus*)*nanus* Ashmead, 1905 nom. nud.*propallipes* Shenefelt, 1969*intermedius* Janzon, 1975**Distribution:** England, Ireland***Blacus (Blacus) filicornis* Haeselbarth, 1973****Distribution:** England, Ireland

***Blacus (Blacus) forticornis* Haeselbarth, 1973**

Distribution: England

***Blacus (Blacus) hastatus* Haliday, 1835**

Nomenclature:

terebrator Ruthe, 1861

Distribution: England, Scotland, Ireland

***Blacus (Blacus) humilis* (Nees, 1811)**

Nomenclature:

Bracon humilis Nees, 1811

trivialis Haliday, 1835

wesmaeli Ruthe, 1861

Distribution: England, Wales, Ireland

***Blacus (Blacus) instabilis* Ruthe, 1861**

Nomenclature:

petiolatus Haeselbarth, 1973 nom. nud.

Distribution: England, Scotland, Ireland

***Blacus (Blacus) leptostigma* Ruthe, 1861**

Distribution: Ireland

***Blacus (Blacus) longipennis* (Gravenhorst, 1809)**

Nomenclature:

Ophion longipenne Gravenhorst, 1809

dubius Ruthe, 1861

Distribution: England, Scotland, Ireland

***Blacus (Blacus) nigricornis* Haeselbarth, 1973**

Distribution: England, Scotland, Ireland

Blacus (Blacus) paganus* Haliday, 1835*Nomenclature:**

brevicornis Ruthe, 1861

Distribution: Ireland

***Blacus (Blacus) stelfoxi* Haeselbarth, 1973**

Distribution: England

Notes: The holotype was collected in Sandhurst, Kent (Haeselbarth 1973) but not listed for Britain or Ireland by Achterberg (1988a).

Subgenus *Ganychorus* Haliday, 1835***Blacus (Ganychorus) ambulans* Haliday, 1835**

Distribution: Ireland

***Blacus (Ganychorus) armatulus* Ruthe, 1861**

Distribution: England

Blacus (Ganychorus) diversicornis* Nees, 1834*Nomenclature:**

compar Ruthe, 1861

Distribution: England, Ireland

***Blacus (Ganychorus) macropterus* Haeselbarth, 1973**

Distribution: England, Scotland

Notes: Described as a subspecies of *ambulans* by Haeselbarth (1973), but not included by Huddleston (1978), where it should have been listed as a synonym. Treated as a separate species by Achterberg (1997).

***Blacus (Ganychorus) maculipes* Wesmael, 1835**

Distribution: England, Scotland, Ireland

Blacus (Ganychorus) nitidus* Haeselbarth, 1973*Nomenclature:**

petiolatus Tobias, 1976

Distribution: England

Blacus (Ganychorus) pallipes* Haliday, 1835*Nomenclature:**

barynoti misident.

tuberculatus Wesmael, 1835

florus Goureau, 1851

Distribution: England, Ireland

Notes: Included, as *barynoti* (Boudier, 1834) (a junior synonym of *Pygostolus sticticus*), as a doubtfully placed species of *Blacus* by Huddleston (1978).

Blacus (Ganychorus) ruficornis* (Nees, 1811)*Nomenclature:**

Bracon ruficornis Nees, 1811

bisstigmatus (Say, 1836, *Microgaster*)

tipulator (Zetterstedt, 1838, *Bracon*)

cerealis (Curtis, 1860, *Dacnusa*)

pallidipes (Costa, 1885, *Dinocampus*)

dentatus Hellén, 1958

Distribution: England, Scotland, Wales, Ireland

Blacus (Ganychorus) strictus* Stelfox, 1941*Nomenclature:**

strictus (Curtis, 1837, *Ganychorus*) nom. nud.

Distribution: Scotland, Ireland

***Blacus (Ganychorus) tripudians* Haliday, 1835**

Distribution: England, Ireland

Subgenus *Hysterobolus* Viereck, 1913

***Blacus (Hysterobolus) mamillanus* Ruthe, 1861**

Nomenclature:

aptenodytes Marshall, 1889

Distribution: England

Tribe Brachistini Förster, 1863

Genus *Eubazus* Nees, 1814

Subgenus *Aliolus* Say, 1836

***Eubazus (Aliolus) lepidus* (Haliday, 1835)**

Nomenclature:

Helcon lepidus Haliday, 1835

hofferi (Šnoflák, 1953, *Triaspis*); synonymy by Achterberg (2003a)

kusarensis (Abdinbekova, 1969, *Allodorus*); synonymy by Achterberg (2003a)

Distribution: England

Subgenus *Allodorus* Förster, 1863

***Eubazus (Allodorus) convexope* van Achterberg, 2000**

Distribution: Scotland

Notes: added by Achterberg (2000)

***Eubazus (Allodorus) semirugosus* (Nees, 1816)**

Nomenclature:

Sigalphus semirugosus Nees, 1816

rufipes (Herrich-Schäffer, 1838, *Eubadizon*)

tuberculator (Zetterstedt, 1838, *Bracon*)

curculionum (Hartig, 1847, *Sigalphus*)

atricornis (Ratzeburg, 1848, *Brachistes*)

mucronatus (Thomson, 1892, *Calyptus*)

truncatus (Thomson, 1892, *Calyptus*)

glabratus (Fahringer, 1941, *Calyptus*)

arete (Fahringer, 1944, *Calyptus*)

Distribution: England, Scotland

***Eubazus (Allodorus) tricoloripes* van Achterberg, 2000**

Distribution: England

Notes: added by Achterberg (2000)

Subgenus *Brachistes* Wesmael, 1835

***Eubazus (Brachistes) fasciatus* (Nees, 1816)**

Nomenclature:

Sigalphus fasciatus Nees, 1816

fuscipalpis (Wesmael, 1835, *Brachistes*)

Distribution: England, Ireland

***Eubazus (Brachistes) minutus* (Ratzeburg, 1848)**

Nomenclature:

Brachistes minutus Ratzeburg, 1848

Distribution: England

***Eubazus (Brachistes) ruficoxis* (Wesmael, 1835)**

Nomenclature:

Brachistes ruficoxis Wesmael, 1835

politus (Ratzeburg, 1852, *Brachistes*); synonymy by van Achterberg in Belokobylskij et al. (2003)

byctisci (Watanabe, 1933, *Calyptus*)

ruficornis misspelling

Distribution: England

***Eubazus (Brachistes) segmentatus* (Marshall, 1889)**

Nomenclature:

Calyptus segmentatus Marshall, 1889

Distribution: England

Eubazus (Brachistes) semicastaneus (Marshall, 1893)

Nomenclature:

Calyptus semicastaneus Marshall, 1893

Distribution: England

Eubazus (Brachistes) tibialis (Haliday, 1835)

Nomenclature:

Helcon tibialis Haliday, 1835

uncigenus (Wesmael, 1835, *Brachistes*)

Distribution: England, Scotland, Ireland

Subgenus *Calyptus* Haliday, 1835

***Eubazus (Calyptus) macrocephalus* Nees, 1812**

Nomenclature:

synchitae (Hedqvist, 1956, *Eubadizon*)

ratzeburgi (Fischer, 1962, *Eubadizon*); synonymy by van Achterberg in Belokobylskij et al. (2003)

xiphydriae Tobias, 1986; synonymy by van Achterberg in Belokobylskij et al. (2003)

Distribution: England

Eubazus (Calyptus) sigalphoides (Marshall, 1889)

Nomenclature:

Calyptus sigalphoides Marshall, 1889

Distribution: England

Subgenus *Eubazus* Nees, 1814

Nomenclature:

Eubadizon Nees, 1834

Eubadizus Nees, 1834

Eubazus (Eubazus) flavipes* (Haliday, 1835)*Nomenclature:**

Helcon flavipes Haliday, 1835

laevis (Herrich-Schäffer, 1838, *Eubadizon*)

Distribution: England, Ireland

Eubazus (Eubazus) longicauda* (Curtis, 1832)*Nomenclature:**

Zele longicauda Curtis, 1832

Distribution: England

Notes: Listed as a species of *Zele* (= *Homolobus*) in Huddleston (1978). Will be synonymised under another species of *Eubazus* (van Achterberg, pers. comm.).

Eubazus (Eubazus) pallipes* Nees, 1814*Nomenclature:**

coxalis (Nees, 1834, *Eubadizon*)

semistriatus (Haliday, 1835, *Helcon*) unavailable

americanus (Cresson, 1872, *Eubadizon*)

pallipede misspelling

pallidipes misspelling

pollipes misspelling

Distribution: England

Genus *Foersteria* Szépligeti, 1896***Foersteria (Foersteria) laeviuscula* Szépligeti, 1896**

Distribution: England, Scotland

Notes: NMS, det. van Achterberg, added here

Foersteria (Foersteria) puber* (Haliday, 1835)*Nomenclature:**

Helcon puber Haliday, 1835

opaca (Reinhard, 1867, *Calyptus*)

flavipes Szépligeti, 1896

talitzkii Tobias, 1961

Distribution: England, Ireland

Genus *Schizoprymnus* Förster, 1863

Notes: species of *Schizoprymnus* excluded from the British and Irish list:

[*nigripes* (Thomson, 1892, *Sigalphus*)] Seems to have been recorded in error by Kloet and Hincks (1945), perpetuated by Huddleston (1978).

Schizoprymnus ambiguus (Nees, 1816)

Nomenclature:

Sigalphus ambiguus Nees, 1816

Distribution: England, Ireland

Schizoprymnus collaris (Thomson, 1874)

Nomenclature:

Sigalphus collaris Thomson, 1874

Distribution: England

Notes: Added by Notton et al. (2014); listed as a species of *Triaspis* by Yu et al. (2012) but transferred back to *Schizoprymnus* by Notton et al. (2014).

Schizoprymnus obscurus (Nees, 1816)

Nomenclature:

Sigalphus obscurus Nees, 1816

Distribution: England

Genus *Triaspis* Haliday, 1838

Nomenclature:

MUIRIELLA Fullaway, 1919

Notes: species of *Triaspis* excluded from the British and Irish list:

[*striola* (Thomson, 1874, *Sigalphus*)] Listed as a doubtfully British species in Huddleston (1978); the only record is of a tentative identification by Nixon (Hussey 1952).

Triaspis aciculata* (Ratzeburg, 1848)*Nomenclature:**

Sigalphus aciculatus Ratzeburg, 1848

Distribution: England

Notes: BMNH, NMS, det. van Achterberg, added here; although synonymised with *obscura* by van Achterberg (in Belokobylskij et al. 2003) this is listed as a separate species in Fauna Europaea. There are English specimens identified by van Achterberg as *aciculata* in NMS and BMNH.

Triaspis caledonica* (Marshall, 1888)*Nomenclature:**

Sigalphus caledonicus Marshall, 1888

Distribution: Scotland

Triaspis caudata* (Nees, 1816)*Nomenclature:**

Sigalphus caudatus Nees, 1816

gracilis (Herrich-Schäffer, 1840, *Sigalphus*)

australis (Szépliget, 1901, *Sigalphus*)

arctica Hellén, 1958

Distribution: England, Ireland

Triaspis flavipalpis* (Wesmael, 1835)*Nomenclature:**

Sigalphus flavipalpis Wesmael, 1835

Distribution: England

Triaspis floricola* (Wesmael, 1835)*Nomenclature:**

Sigalphus floricola Wesmael, 1835

minima Snoflák, 1953

Distribution: England, Ireland

Triaspis luteipes* (Thomson, 1874)*Nomenclature:**

Sigalphus luteipes Thomson, 1874

Distribution: England

Triaspis obscurella* (Nees, 1816)*Nomenclature:**

Sigalphus obscurellus Nees, 1816

simulator (Szépligeti, 1901, *Sigalphus*)

Distribution: England

Triaspis pallipes* (Nees, 1816)*Nomenclature:**

Sigalphus pallipes Nees, 1816

fulvipes (Haliday, 1835, *Helcon*)

fagi (Ratzeburg, 1852, *Brachistes*)

similis (Szépligeti, 1901, *Sigalphus*) preocc.

pallidipes misspelling

Distribution: England, Ireland, Isle of Man

Notes: some distribution data from Shaw and Askew (1976)

***Triaspis podlussanyi* Papp, 1998**

Distribution: England

Notes: added by Shaw & Mendel (in prep.)

Triaspis striatula* (Nees, 1816)*Nomenclature:**

Sigalphus striatulus Nees, 1816

Distribution: England, Ireland

Triaspis thoracica* (Curtis, 1860)*Nomenclature:**

Sigalphus thoracicus Curtis, 1860

gibberosa (Szépligeti, 1901, *Sigalphus*); synonymy by Papp (2004b)

rugosa (Szépligeti, 1901, *Sigalphus*); synonymy by Papp (2004b)

Distribution: England

Tribe Diospilini Förster, 1863

Genus *Aspicolpus* Wesmael, 1838

Nomenclature:

ASPIDOCOLPUS Agassiz, 1846

Aspicolpus ? *clipealis* (Tobias, 1967)

Nomenclature:

Aspidocolpus clipealis Tobias, 1967

Distribution: England

Notes: NMS, det. van Achterberg, added here; tentative identification; included here as a certain generic record of an *Aspicolpus* species in Britain.

Genus *Aspigonus* Wesmael, 1835

Nomenclature:

ASPIDOGONUS Agassiz, 1846

Aspigonus flavicornis (Nees, 1834)

Nomenclature:

Bracon flavicornis Nees, 1834

diversicornis Wesmael, 1835; synonymy by van Achterberg in Belokobylskij et al. (2003)

Distribution: England, Wales

Genus *Diospilus* Haliday, 1833

Nomenclature:

BAEACIS Förster, 1878; synonymy by Achterberg (2014)

ALLOCHROMUS Marshall, 190

Diospilus abietis* (Ratzeburg, 1844)*Nomenclature:**

Aspigonus abietis Ratzeburg, 1844

Diospilus capito* (Nees, 1834)*Nomenclature:**

Bracon capito Nees, 1834

filator (Nees, 1834, *Bracon*) preocc.

fuscipes (Wesmael, 1835, *Taphaeus*)

Distribution: England, Ireland

Diospilus dispar* (Nees, 1811)*Nomenclature:**

Bracon dispar Nees, 1811

ephippium (Nees, 1834, *Bracon*)

Distribution: England

Diospilus inflexus* Reinhard, 1862*Nomenclature:**

ovatus Marshall, 1889

Distribution: England

Diospilus intermedius* (Förster, 1878)*Nomenclature:**

Baeacis intermedia Förster, 1878

Distribution: England

Notes: BMNH, det. van Achterberg, added here

***Diospilus morosus* Reinhard, 1862**

Distribution: England

Diospilus nigricornis* (Wesmael, 1835)*Nomenclature:**

Taphaeus nigricornis Wesmael, 1835

affinis (Wesmael, 1835, *Taphaeus*)

rufipes Reinhard, 1862

Distribution: England

Notes: Listed as *Taphaeus affinis* and *T. nigricornis* in Huddleston (1978).

Diospilus oleraceus* Haliday, 1833*Nomenclature:**

conformis (Wesmael, 1835, *Taphaeus*)

ruficornis Szépligeti, 1896

Distribution: England, Ireland

***Diospilus productus* Marshall, 1894**

Distribution: England

Genus *Taphaeus* Wesmael, 1835**Nomenclature:**

Anostenus Förster, 1863

Anastenus Dalla Torre, 1898

Notes: The systematic position of *Taphaeus* is uncertain. Treated as a genus of Blacinae in Fauna Europaea.

Taphaeus hiator* (Thunberg, 1824)*Nomenclature:**

Ichneumon hiator Thunberg, 1824

irregularis Wesmael, 1835

speculator (Haliday, 1835, *Helcon*)

polydrusi (Gahan, 1916, *Diospilus*)

Distribution: England, Scotland, Ireland

Genus *Vadumasonium* Kammerer, 2006**Nomenclature:**

VADUM Mason, 1987 preocc.

***Vadumasonium vardyorum* van Achterberg & Broad, 2013**

Distribution: England

Notes: added by Achterberg and Broad (2013)

Tribe Dyscoletini van Achterberg, 1984

Notes: This is generally considered to be a tribe of Blacinae; we list the Dyscoletini as a tribe of Brachistinae because we follow Sharanowski et al. (2011) in including the Blacinae within Brachistinae.

Genus *Dyscoletes* Haliday, 1840**Nomenclature:**

DYSCOLUS Haliday, 1836 preocc.

DISCOLUS misspelling

MICROCENTRUS Szépligeti, 1904 preocc.

ELACHISTOCENTRUM Schulz, 1911

Dyscoletes lancifer* (Haliday, 1836)*Nomenclature:**

Dyscolus lancifer Haliday, 1836

similis (Szépligeti, 1896, *Discoletes*)

Distribution: England, Scotland

Braconinae**Subfamily Braconinae Nees, 1812**

Notes: Tribal classification follows Belshaw et al. (2001) and Quicke (pers. comm.). For genera other than *Bracon* and *Coeloides*, Shaw (1994) and Shaw and Quicke (1999) give distribution data.

Tribe Aphrastobraconini Ashmead, 1900**Genus *Atanycolus* Förster, 1862**

Notes: species excluded from the British and Irish list by Shaw and Quicke (1999):

[*denigrator* (Linnaeus, 1758, *Ichneumon*); syn. *incertus* (Sulzer, 1776, *Ichneumon*); *heteropus* (Thomson, 1892, *Bracon*) *albiscutis* Telenga, 1936]

Genus *Cyanopterus* Haliday, 1835

Notes: species excluded from the British and Irish list by Shaw and Quicke (1999):

[*flavator* (Fabricius, 1793, *Ichneumon*); syn. *flavulator* (Ratzeburg, 1844, *Bracon*); *longipalpis* (Thomson, 1892, *Bracon*); *barcinonensis* (Marshall, 1897, *Coeloides*)]

Genus *Pseudovipio* Szépligeti, 1896***Pseudovipio guttiventris* (Thomson, 1892)****Nomenclature:**

Bracon guttiventris Thomson, 1892

variegatus (Boheman, 1853, *Agathis*) preocc.

biroi Szépligeti, 1896

Distribution: England

Notes: Listed as *Glyptomorpha variegata* in Huddleston (1978).

Genus *Vipio* Latreille, 1804

Notes: species excluded from the British and Irish list by Shaw and Quicke (1999):

[*terrefactor* (Villers, 1789, *Ichneumon*); syn. *improvisus* Kokujev, 1898; *interpellator* Kokujev, 1898; *neesii* Kokujev, 1898] The only record was due to a misidentification of *Pseudovipio guttiventris* (Shaw and Quicke 1999).

Tribe Braconini Nees, 1812**Genus *Baryproctus* Ashmead, 1900****Nomenclature:**

Barycryptus Hoffmeyer, 1932

***Baryproctus barypus* (Marshall, 1885)**

Nomenclature:

Bracon barypus Marshall, 1885

hungaricus Szépliget, 1901

caucasicus Telenga, 1936

apti Györfi, 1953

Distribution: England

Notes: See Shaw (1994) and Jennings (2008) for recent records.

Genus *Bracon* Fabricius, 1804

Notes: Comprehensive taxonomic revisions of *Bracon* are lacking for all but a few species groups. Published works differ substantially in their treatments of valid species, synonyms and subgeneric placements (compare, for example, the differing treatments of Tobias (1986), Papp (1974), Papp (1996a), and Shenefelt (1978)) so the taxonomy in Taxapad (Yu et al. 2012) has, for the most part, been used as a default classification.

Subgenus *Bracon* Fabricius, 1804

Nomenclature:

BRACO Wesmael, 1838

BRACHON Agassiz, 1846

TROPIDOBRACON Ashmead, 1900

MICROBRACON Ashmead, 1890

AMICOPLIDEA Ashmead, 1900

MACRODYCTIUM Ashmead, 1900

LIOBRACON Nason, 1905 preocc.

LORENZOA de Stefani-Perez, 1909

SELIODUS Brèthes, 1909

KULCZYNSKIA Niezabitowski, 1910

BRAZON Schulz, 1911

STRIOBRACON Fahringer, 1927

CHIVINIA Shestakov, 1932

EUTROPOBRACON Ayyar, 1928

Bracon (Bracon) alutaceus* Szépligeti, 1901*Nomenclature:**

pygmaeus Niezabitowski, 1910; synonymy by Papp (2008a)

polonicus Fahringer, 1927; synonymy by Papp (2008a)

pallidalatus Tobias, 1957

Distribution: England, Scotland

Notes: NMS, det. Papp, added here

***Bracon (Bracon) flavipes* Nees, 1834**

Distribution: England

Bracon (Bracon) fulvipes* Nees, 1834*Nomenclature:**

carinatus Szépligeti, 1901

marshalli Vayssière, 1902 preocc.

glabratus Fahringer, 1927

apionis Strand, 1928

sylvanus Greese, 1928

kiritshenkoi Telenga, 1936

Distribution: England, Scotland, Wales, Ireland, Isle of Man

Bracon (Bracon) intercessor* Nees, 1834*Nomenclature:**

laetus (Wesmael, 1838, *Braco*); synonymy by Papp (2012), as a 'var' of *intercessor*

lativentris Thomson, 1892 preocc.

fulvus Szépligeti, 1896

universitatis Dalla Torre, 1898

adjectus Szépligeti, 1901

bisinuatus Szépligeti, 1901

dubiosus Szépligeti, 1901

duplicatus Szépligeti, 1901

fallaciosus Szépligeti, 1901

elegans Szépligeti, 1901
mixtus Szépligeti, 1901
mundus Szépligeti, 1901
nigropictus Szépligeti, 1901
nitidiusculus Szépligeti, 1901
rufiscapus Szépligeti, 1901
subtilis Szépligeti, 1901
suspectus Szépligeti, 1901
vigilax Kokujev, 1912
maidli Fahringer, 1925
asiaticus Fahringer, 1927 preocc.
concolor Fahringer, 1927 preocc.
major Fahringer, 1927
concorellus Strand, 1928
megasomides Strand, 1928
rhynchiti Greese, 1928
kachetinus Telenga, 1933
kansensis Fahringer, 1934 preocc.
maslovskii Telenga, 1936
segregatus Telenga, 1936

Distribution: England, Scotland

***Bracon (Bracon) leptus* Marshall, 1897**

Nomenclature:

centaureae Szépligeti, 1901
rufipedator Szépligeti, 1901
rufipalpis Szépligeti, 1901]

Distribution: England

Notes: Listed as British in Fauna Europaea, probably because it was described by Marshall, but the first published British record was by Jennings (2012).

Bracon (Bracon) longicollis* (Wesmael, 1838)*Nomenclature:**

Braco longicollis Wesmael, 1838
fraudator Marshall, 1885
brevicauda Thomson, 1892 preocc.
crassicauda Thomson, 1892
pseudowesmaeli Strand, 1928
wesmaeli Fahringer, 1927 preocc.

Distribution: England, Scotland, Wales, Isle of Man

Notes: some distribution data from Papp (1999c)

Bracon (Bracon) luteator* Spinola, 1808*Nomenclature:**

nigripedator Nees, 1834
filicauda Costa, 1888
hypopygialis Szépligeti, 1901
intermedius Szépligeti, 1901
pilosulus Szépligeti, 1901

Distribution: England

Notes: added by Fulmek (1968) (omitted by Huddleston 1978)

Bracon (Bracon) nigratus* (Wesmael, 1838)*Nomenclature:**

Braco nigratus Wesmael, 1838

Distribution: England, Ireland

Bracon (Bracon) pectoralis* (Wesmael, 1838)*Nomenclature:**

Braco pectoralis Wesmael, 1838
ochrosus Szépligeti, 1896
sulphurator Szépligeti, 1896
unicolor Szépligeti, 1896

fumigatus Szépligeti, 1901; synonymy by Papp (2008a)

Distribution: England

***Bracon (Bracon) rugulosus* Szépligeti, 1901**

Nomenclature:

depressiusculus Szépligeti, 1901

neglectus Szépligeti, 1904

spurnensis Hincks, 1951

Distribution: England, Scotland, Wales

Notes: According to Taxapad (Yu et al. 2012), *rugulosus* Szépligeti is preoccupied by *Bracon rugulosus* Nees, 1811 (now classified as a species of *Aleiodes*, in Rogadinae). Omitted by Huddleston (1978).

***Bracon (Bracon) scutellaris* (Wesmael, 1838)**

Nomenclature:

Braco scutellaris Wesmael, 1838

Distribution: England, Scotland, Ireland

***Bracon (Bracon) speerschneideri* Schmiedeknecht, 1897**

Distribution: England

Notes: added by Papp (1999a)

***Bracon (Bracon) subrugosus* Szépligeti, 1901**

Nomenclature:

sulcatulus Szépligeti, 1896

subglaber Szépligeti, 1901

quinqumaculatus Szépligeti, 1901

trypetanus Fahringer, 1927; synonymy by Papp (2008a)

tauricus Telenga, 1936

Distribution: England

Notes: added by Papp (2008a)

Bracon (Bracon) trucidator* Marshall, 1888*Nomenclature:**

minutator misident.

bilineatus Thomson, 1892

hilaris Marshall, 1897

pannonicus Szépligeti, 1901

marshalli Telenga, 1936 preocc.

Distribution: England

Notes: BMNH, NMS, added here; previously confused under *minutator* (van Achterberg, pers. comm.). Both species are present in the BMNH and NMS collections, det. Papp and van Achterberg.

Bracon (Bracon) variegator* Spinola, 1808*Nomenclature:**

melanosoma Szépligeti, 1901

micros Szépligeti, 1901

nanulus Szépligeti, 1901

lineatellae (Fischer, 1968, *Habrobracon*); synonymy by Papp (2008b)

Distribution: England, Scotland, Ireland

Subgenus *Glabrobracon* Fahringer, 1927

Notes: Some taxonomic and distribution data from Papp (1999a), Papp (1999c), Papp (2000).

Species of *Bracon (Glabrobracon)* excluded from the British and Irish list:

[*coniferarum* Fahringer, 1928] Should not have been listed by Huddleston (1978) as it was recorded as British only on the basis of Carr's Staffordshire lists (see Perkins 1953, Fitton et al. 1978, Shaw 2003a).

Bracon (Glabrobracon) abbreviator* Nees, 1834*Nomenclature:**

abscissor Nees, 1834; synonymy by Papp (2008a)

oestmaeli (Wesmael, 1838, *Braco*); synonymy by Papp (2008a)

regularis (Wesmael, 1838, *Braco*); synonymy by Papp (2008a)

eutrephes Marshall, 1897

rufigaster Szépligeti, 1901; synonymy by Papp (2008a)

rufiventris Telenga, 1936 preocc.

minimula Strand, 1928

minus Fahringer, 1927 preocc.

Distribution: England

***Bracon (Glabrobracon) admotus* Papp, 2000**

Distribution: England

Notes: BMNH, det. Papp, added here

***Bracon (Glabrobracon) albion* Papp, 1999**

Distribution: England, Scotland

Notes: added by Papp (1999c)

***Bracon (Glabrobracon) arcuatus* Thomson, 1892**

Distribution: England, Scotland

Notes: Added by Papp (2000); listed by Kloet and Hincks (1945) (but not by Huddleston 1978), although it is not clear on what basis.

***Bracon (Glabrobracon) atrator* Nees, 1834**

Nomenclature:

longicauda Thomson, 1892

Distribution: England, Scotland, Ireland

***Bracon (Glabrobracon) caudatus* Ratzeburg, 1848**

Distribution: England

***Bracon (Glabrobracon) claripennis* Thomson, 1892**

Distribution: England

Notes: added by Papp (2000)

Bracon (Glabrobracon) colpophorus* (Wesmael, 1838)*Nomenclature:**

Braco colpophorus Wesmael, 1838

mokrzeckii Niezabitowski, 1927; synonymy by Papp (1997)

Distribution: England

Bracon (Glabrobracon) conjugellae* Bengtsson, 1924*Nomenclature:**

bengtssoni Fahringer, 1928 preocc.

minor Fahringer, 1928 preocc.

nanana Strand, 1928

Distribution: England, Scotland

Notes: NMS, det. Papp, added here

***Bracon (Glabrobracon) curticaudis* Szépligeti, 1901**

Distribution: Scotland

Notes: Added by Papp (2008a) and removed from synonymy with *terebella*.

Bracon (Glabrobracon) delibator* Haliday, 1833*Nomenclature:**

anthracinus Nees, 1834; synonymy by Achterberg (1997)

breviseta Fahringer, 1935

Distribution: England, Scotland, Ireland

Bracon (Glabrobracon) fuscicoxis* (Wesmael, 1838)*Nomenclature:**

Braco fuscicoxis Wesmael, 1838

levicarinatus Niezabitowski, 1910

Distribution: England

***Bracon (Glabrobracon) glaphyrus* Marshall, 1897**

Distribution: England

Notes: Faure (1924) mentions English material but *glaphyrus* was omitted by Huddleston (1978).

***Bracon (Glabrobracon) guttator* Panzer, 1804**

Distribution: England

Notes: Omitted by Huddleston (1978); recorded as British by Fulmek (1968), although we are not sure how reliably; English material in NMS.

***Bracon (Glabrobracon) immutator* Nees, 1834**

Nomenclature:

efoveolatus Thomson, 1892

hemirugosus Szépligeti, 1901

flavicoxanus Strand, 1928

marshalli Fahringer, 1927 preocc.

romani Fahringer, 1927 preocc.

uplandiae Strand, 1928

austriacus Fahringer, 1936

nigripalpis Telenga, 1936

Distribution: England, Scotland

***Bracon (Glabrobracon) instabilis* Marshall, 1897**

Distribution: England

***Bracon (Glabrobracon) kopelkei* Papp, 2000**

Distribution: England

Notes: BMNH, det. Papp, added here

***Bracon (Glabrobracon) longulus* Thomson, 1892**

Distribution: England, Scotland

Notes: NMS, det. Papp, added here

Bracon (Glabrobracon) marshalli* Szépligeti, 1901*Nomenclature:**

obscurator misident.

Distribution: England, Scotland

Notes: Added by Papp (2000); listed by Kloet and Hincks (1945) (but not by Huddleston 1978), although it is not clear on what basis.

Bracon (Glabrobracon) minutator* (Fabricius, 1798)*Nomenclature:**

Ichneumon minutator Fabricius, 1798

thalassinus Schmiedeknecht, 1897; synonymy by Papp (1999a)

tener Szépligeti, 1904

abscissoris Strand, 1928

flavipalpula Strand, 1928

flavipalpis Fahringer, 1928 preocc.

rufiventris Fahringer, 1928 preocc.

notatus Telenga, 1936

unicolor Telenga, 1936 preocc.

Distribution: England, Ireland

Notes: *Braconminutator* auct. is *trucidator* Marshall (van Achterberg, pers. comm.).

***Bracon (Glabrobracon) momphae* Papp, 1999**

Distribution: England, Scotland

Notes: added by Papp (1999c)

Bracon (Glabrobracon) nigricollis* (Wesmael, 1838)*Nomenclature:**

Braco nigricollis Wesmael, 1838

brunneomaculatus Schütze & Roman, 1931

Distribution: England

Notes: NMS, det. Papp, added here

Bracon (Glabrobracon) obscurator* Nees, 1811*Nomenclature:**

kotulai Niezabitowski, 1910

nigripes Fahringer, 1928 preocc.

rytrensis Fahringer, 1928 preocc.

rytronis Strand, 1928

zaleszczykiensis Strand, 1928

Distribution: England, Scotland, Wales

Bracon (Glabrobracon) otiosus* Marshall, 1885*Nomenclature:**

macrurus Thomson, 1892; synonymy by Papp (1999c)

explorator Szépligeti, 1904 preocc.; synonymy by Papp (1999c)

pumilionis Roman, 1928; synonymy by Papp (1999c)

Distribution: England

Notes: Treated as a synonym of *bipartitus* (=variator) by Belokobylskij et al. (2003).

***Bracon (Glabrobracon) pallicarpus* Thomson, 1892**

Distribution: England

Notes: added by Papp (2000)

Bracon (Glabrobracon) parvicornis* Thomson, 1892*Nomenclature:**

carbonarius Szépligeti, 1901 preocc.

aterrimus Telenga, 1936 preocc.

Distribution: England

Notes: NMS, det. Papp, added here

Bracon (Glabrobracon) parvulus* Wesmael, 1838*Nomenclature:**

fumipennis Thomson, 1892

fuscipennis Thomson, 1892 preocc.

thomsoni Marshall, 1897

Distribution: England, Scotland, Wales

Notes: NMS, det. Papp, added here

***Bracon (Glabrobracon) pineti* Thomson, 1892**

Distribution: England

Notes: NMS, det. Papp, added here

***Bracon (Glabrobracon) praecox* (Wesmael, 1838)**

Nomenclature:

Braco praecox Wesmael, 1838

biorrhizae Fahringer, 1928

elongatus Dutu-Lacatusu, 1956 preocc.

Distribution: Scotland

Notes: NMS, det. Papp, added here

***Bracon (Glabrobracon) ratzeburgii* Dalla Torre, 1898**

Nomenclature:

longicaudis Ratzeburg, 1852 preocc.

Distribution: England

***Bracon (Glabrobracon) terebella* (Wesmael, 1838)**

Nomenclature:

Braco terebella Wesmael, 1838

breviterebris Fahringer, 1928

miaricola Strand, 1928

wesmaeli Fahringer, 1928 preocc.

unicolor Telenga, 1936 preocc.

Distribution: England

Bracon (Glabrobracon) variator* Nees, 1811*Nomenclature:**

bipartitus (Wesmael, 1838, *Braco*)
maculiger (Wesmael, 1838, *Braco*)
collinus Szépligeti, 1901
breviventris Szépligeti, 1901
rytrens Niezabitowski, 1910
sueciensis Fahringer, 1927
dimidiatus Fahringer, 1928 preocc.
nigerrimus Fahringer, 1928
rytrens Fahringer, 1928 preocc.
rytrocola Strand, 1928
chinensis Fahringer, 1929 preocc.
caucasicus Telenga, 1936
collaris Telenga, 1936 preocc.
meridionalis Telenga, 1936
ornatulus Telenga, 1936
rytrens Telenga, 1936 preocc.
turcmenus Telenga, 1936
asiaticus Telenga, 1949 preocc.

Distribution: England, Scotland, Wales, Ireland

Notes: *Braco bipartitus* is listed as a subspecies of *variator* in Taxapad (Yu et al. 2012). Listed as a British species by Huddleston (1978) but this actually refers to *otiosus*.

Bracon (Glabrobracon) xanthogaster* Nees, 1834*Nomenclature:**

*breviset*a Hedwig, 1961 preocc.

Distribution: England

Notes: NMS, det. Papp, added here

Subgenus *Habrobracon* Ashmead, 1895***Bracon (Habrobracon) concolorans* Marshall, 1900****Nomenclature:**

concolor Thomson, 1892 preocc.

nigricans (Szépligeti, 1901, *Habrobracon*); synonymy by Papp (2008b)

mongolicus (Telenga, 1936, *Habrobracon*)

Distribution: England, Scotland, Ireland

Notes: Added by Papp (2008b) and removed from synonymy with *stabilis*.

Bracon (Habrobracon) crassicornis* Thomson, 1894*Nomenclature:**

flavosignatus (Tobias, 1957, *Habrobracon*); synonymy by Papp (2008b)

Distribution: England, Scotland

Notes: added by Papp (2008b)

Bracon (Habrobracon) hebetor* Say, 1836*Nomenclature:**

dorsator Say, 1836

brevicornis (Wesmael, 1838, *Braco*)

juglandis Ashmead, 1889

brunneus (Szépligeti, 1901, *Habrobracon*)

vernalis (Szépligeti, 1901, *Habrobracon*)

beneficientior (Viereck, 1911, *Habrobracon*)

plotnicovi (Bogoljubov, 1914, *Habrobracon*)

breviantennatus de Stefani, 1919

serinopae (Cherian, 1929, *Microbracon*)

tortricidarum (Goidanich, 1934, *Habrobracon*)

pectinophorae (Watanabe, 1935, *Habrobracon*)

asiaticus (Telenga, 1936, *Habrobracon*)

flavus (Telenga, 1936, *Habrobracon*)

turkestanicus (Telenga, 1936, *Habrobracon*)

lozinskii (Bogacev, 1939, *Habrobracon*)

Distribution: England

Notes: Mainly an indoors species in Britain, attacking pests of stored products; *brevicornis* been variously treated as a valid species or as a synonym of *hebetor*, being listed under the latter in Taxapad (Yu et al. 2012) and by Papp (2008b). Both *brevicornis* and *hebetor* have been recorded as British.

***Bracon (Habrobracon) stabilis* (Wesmael, 1838)**

Nomenclature:

Braco stabilis Wesmael, 1838

opacus Stelfox, 1953 preocc.

Distribution: England, Ireland

Subgenus *Lucobracon* Fahringer, 1927

Notes: species of *Bracon (Lucobracon)* excluded from the British and Irish list:

[*strobilorum* Ratzeburg, 1848] England and Ireland are listed under the distribution in Shenefelt (1978), and Britain in Fauna Europaea, but we have been unable to trace any British or Irish literature records or specimens. In Belokobylskij et al. (2003) and in Taxapad (Yu et al. 2012) this is listed as a species of *Coeloides* but Papp (1992) had established that this species had been mis-interpreted and is in fact a species of *Bracon (Lucobracon)*. Swiss specimens identified as *strobilorum* by Papp in NMS and BMNH belong in *Bracon*.

***Bracon (Lucobracon) brachycerus* Thomson, 1892**

Nomenclature:

kudsiricus Papp, 1965

Distribution: England

Notes: NMS, det. Papp, added here

***Bracon (Lucobracon) crassungula* Thomson, 1892**

Distribution: England

Notes: NMS, BMNH, det. Papp, added here

***Bracon (Lucobracon) erraticus* (Wesmael, 1838)**

Nomenclature:

Braco erraticus Wesmael, 1838

superciliosus (Wesmael, 1838, *Braco*)
erythrostickus Marshall, 1885
exarator Marshall, 1885
praetermissus Marshall, 1885
vectensis Marshall, 1885; synonymy by Papp (1999c)
foveola Thomson, 1892
aestivalis Szépligeti, 1901; synonymy by Papp (2005b)
confinis Szépligeti, 1901
congruus Szépligeti, 1901 preocc.
similis Szépligeti, 1901
ventricosus Szépligeti, 1901
secernendus Schulz, 1906
lagodechianus Telenga, 1936
maculatus Telenga, 1936
planiceps Telenga, 1936
talitzkii Telenga, 1936
transcaspicus Telenga, 1936
hades Papp, 1965

Distribution: England, Scotland, Ireland, Isle of Man

Notes: Although *praetermissus* was synonymised with *Bracon erraticus* by Papp (1999c), this has not been followed by Belokobylskij et al. (2003).

***Bracon (Lucobracon) flagellaris* Thomson, 1892**

Nomenclature:

facialis Thomson, 1892 preocc.
thomsonii Dalla Torre, 1898 preocc.
dallatorrei Szépligeti, 1901

Distribution: England

Notes: BMNH, det. Papp, added here

***Bracon (Lucobracon) grandiceps* Thomson, 1892**

Nomenclature:

gallicus Thomson, 1892

Distribution: Scotland

Notes: NMS, BMNH, det. Papp, added here

***Bracon (Lucobracon) guttiger* (Wesmael, 1838)**

Nomenclature:

Braco guttiger Wesmael, 1838

fasciatus Fahringer, 1927

Distribution: England, Scotland

***Bracon (Lucobracon) hylobii* Ratzeburg, 1848**

Nomenclature:

bruchorum Fahringer, 1934

Distribution: England, Scotland

***Bracon (Lucobracon) larvicida* (Wesmael, 1838)**

Nomenclature:

Braco larvicida Wesmael, 1838

crassiusculus Szépligeti, 1901

romani Fahringer, 1927 preocc.

szepligetii Fahringer, 1927 preocc.

fahringeriensis Strand, 1928

pseudoromani Strand, 1928

Distribution: England

***Bracon (Lucobracon) nigriventris* Wesmael, 1838**

Nomenclature:

Braco nigriventris Wesmael, 1838

subornatus Szépligeti, 1901; synonymy by Papp (2008a)

biroi Fahringer, 1927

minor Fahringer, 1927

albanicus Telenga, 1936

laticeps Telenga, 1936

lencoranus Telenga, 1936

persimilis Telenga, 1936

turolus Papp, 1984

Distribution: England

Notes: NMS, det. Papp, added here

Bracon (Lucobracon) sphaerocephalus Szépligeti, 1901

Nomenclature:

globiceps Szépligeti, 1901; synonymy by Papp (2005b)

Distribution: England, Scotland

Notes: NMS, det. Papp, added here

Bracon (Lucobracon) thuringiacus Schmiedeknecht, 1897

Nomenclature:

schmiedeknechti Fahringer, 1927 preocc.

blankenburgiae Strand, 1928

Distribution: England

Notes: added by Papp (1999a)

Bracon (Lucobracon) tornator Marshall, 1885

Nomenclature:

aequalis Thomson, 1892

Distribution: England, Scotland, Wales

Notes: some distribution data from Papp (1997)

Bracon (Lucobracon) triangularis Nees, 1834

Distribution: England, Ireland

Subgenus *Orthobracon* Fahringer, 1927

Notes: species of *Bracon* (*Orthobracon*) excluded from the British and Irish list:

[*tenuicornis* (Wesmael, 1838, *Braco*)] Probably not a valid British or Irish species now that *B. (Lucobracon) erythrostickus* has been taken out of synonymy (Papp 1999c).

Bracon (Orthobracon) discoideus* (Wesmael, 1838)*Nomenclature:**

Braco discoideus Wesmael, 1838

opionus Fahringer, 1928

sculpturatus Fahringer, 1928

sculpturifera Strand, 1928

Distribution: England, Scotland, Ireland

Bracon (Orthobracon) epitriptus* Marshall, 1885*Nomenclature:**

pallidipes Szépligeti, 1896; synonymy by Papp (2008a)

melanogaster Szépligeti, 1901

Distribution: England, Scotland, Wales, Ireland

Notes: some distribution data from Papp (1999c)

Bracon (Orthobracon) exhilarator* Nees, 1834*Nomenclature:**

satanas (Wesmael, 1838, *Braco*)

tibialis Zetterstedt, 1838

striolatus Thomson, 1892

marshalli Fahringer, 1927 preocc,

polonicus Fahringer, 1927 preocc.

polonicella Strand, 1928

varicoloris Strand, 1928

Distribution: England, Scotland, Wales, Isle of Man

***Bracon (Orthobracon) filicornis* Thomson, 1892**

Distribution: Scotland

Notes: NMS, det. Papp, added here

Bracon (Orthobracon) laevigatissimus* Dalla Torre, 1898*Nomenclature:**

laevigatus Ratzeburg, 1852 preocc.

Distribution: England

Notes: Omitted by Huddleston (1978); listed as British by various authors dating back to Marshall (1885).

***Bracon (Orthobracon) mediator* Nees, 1834**

Distribution: England, Scotland, Ireland

***Bracon (Orthobracon) ochropus* Nees, 1834**

Nomenclature:

marshalli Fahringer, 1927 preocc.

neesi Fahringer, 1927

ochropodis Strand, 1928

Distribution: England, Scotland

Notes: NMS, det. Papp, added here

***Bracon (Orthobracon) orbis* Papp, 1981**

Distribution: England

Notes: NMS, det. Papp, added here

***Bracon (Orthobracon) picticornis* Wesmael, 1838**

Nomenclature:

gallarum Ratzeburg, 1852

versicolor Szépligetĭ, 1901

ratzeburgensis Strand, 1928

laevigatus Fahringer, 1927 preocc.

Distribution: England, Ireland

***Bracon (Orthobracon) procerus* Papp, 1965**

Distribution: England

Notes: NMS, det. Papp, added here

Bracon (Orthobracon) pulcher* Bengtsson, 1924*Nomenclature:**

bengtssoni Fahringer, 1927

Distribution: England

Notes: NMS, det. Papp, added here

Bracon (Orthobracon) roberti* (Wesmael, 1838)*Nomenclature:**

Braco roberti Wesmael, 1838

Distribution: England, Ireland

***Bracon (Orthobracon) romani* Fahringer, 1927**

Distribution: England, Scotland, Wales, Ireland

Notes: NMS, det. Papp, added here

Bracon (Orthobracon) subcylindricus* (Wesmael, 1838)*Nomenclature:**

Braco subcylindricus Wesmael, 1838

niger (Vojnovskaja-Krieger, 1929, *Baryproctus*)

Distribution: England

***Bracon (Orthobracon) subsinuatus* Szépligeti, 1901**

Distribution: England, Scotland, Ireland

Notes: Added by Papp (2008a). Removed from synonymy with *epitriptus* by Papp (2008a), who treats both species as belonging to the subgenus *Glabrobracon*, contrary to their placement in Taxapad (Yu et al. 2012).

Bracon (Orthobracon) titubans* (Wesmael, 1838)*Nomenclature:**

Braco titubans Wesmael, 1838

tarsator Thomson, 1892

terebrator Szépligeti, 1901

Distribution: England

Notes: NMS, BMNH, det. Papp, added here

***Bracon (Orthobracon) virgatus* Marshall, 1897**

Nomenclature:

lineifer van Achterberg, 1988; synonymy by Papp (1999c)

Distribution: England, Scotland

Notes: some distribution data from Shaw and Bailey (1991)

Subgenus *Osculobracon* Papp, 2008

***Bracon (Osculobracon) osculator* Nees, 1811**

Nomenclature:

bisignatus (Wesmael, 1838, *Braco*)

degenerator Marshall, 1885

minutus Szépligeti, 1901

temporalis Telenga, 1936

venustus Telenga, 1936

Distribution: England, Scotland, Wales, Ireland

Subgenus *Pigeria* van Achterberg, 1985

Notes: Described as a separate genus but Quicke and Sharkey (1989) suggested that *Pigeria* could be treated as a subgenus of *Bracon*, which was followed by Papp (1998).

***Bracon (Pigeria) piger* (Wesmael, 1838)**

Nomenclature:

Braco piger Wesmael, 1838

rotundatus Szépligeti, 1901; synonymy by Papp (2008a)

rotundulus Szépligeti, 1904

Distribution: England, Ireland

Notes: *Bracon semiluteus* Walker, 1874 is not a synonym of *piger* (contra Morley (1913) and subsequent authors) but is a junior synonym of another species of *Bracon* (Papp, in prep.).

Bracon (Pigeria) wolschrijni* (van Achterberg, 1985)*Nomenclature:**

Pigeria wolschrijni van Achterberg, 1985

Distribution: Wales

Notes: NMS, det. van Achterberg, added here

Subgenus *Rostrobracon* Tobias, 1957

Notes: species of *Bracon* (*Rostrobracon*) excluded from the British and Irish list:

[*urinator* (Fabricius, 1798, *Ichneumon*); syn. *cuspidator* (Rossi, 1792, *Ichneumon*); *comptus* Marshall, 1897] Marshall (1900) mentions an English specimen but this seems unlikely in view of its present southern European range.

Tribe Coeloidini Tobias, 1957**Genus *Coeloides* Wesmael, 1838****Nomenclature:**

SYNTOMOMELUS Kokujev, 1902

HABROBRACONIDEA Viereck, 1912

COELOIDINA Viereck, 1921

CEROBRACON Viereck, 1926

Notes: Distribution data from Shaw (2000b).

Coeloides abdominalis* (Zetterstedt, 1838)*Nomenclature:**

Bracon abdominalis Zetterstedt, 1838

Distribution: England

Coeloides filiformis* Ratzeburg, 1852*Nomenclature:**

melanurus Ivanov, 1896

Distribution: England

Notes: added by Shaw (2000b)

Coeloides melanostigma* Strand, 1918*Nomenclature:**

sordidator misident.

stigmaticus Hellén, 1928

Distribution: England

Notes: Added by Shaw (2000b); according to Haeselbarth (in Belokobylskij et al. 2003), the name *sordidator* (Ratzeburg, 1844, *Bracon*) probably does not belong in *Coeloides*, so the species usually referred to as *sordidator* takes the name *melanostigma*.

Coeloides melanotus* Wesmael, 1838*Nomenclature:**

flavus Ivanov, 1896

maculatus Ivanov, 1896

Distribution: England, Wales

Coeloides scolyticida* Wesmael, 1838*Nomenclature:**

initiatellus (Ratzeburg, 1848, *Bracon*)

Distribution: England

Cardiochilinae**Subfamily Cardiochilinae Ashmead, 1900**

Notes: no British or Irish species

Genus *Cardiochiles* Nees, 1819**Nomenclature:**

Ditherus Cameron, 1902

Notes: species of *Cardiochiles* excluded from the British and Irish list:

[*saltator* (Fabricius, 1781, *Ichneumon*); syn. *brachialis* Rondani, 1877; *katkowi* Kokujev, 1895; *fumipennis* Szépligeti, 1901; *sibiricus* Telenga, 1955] not British, recorded in error (Shaw and Huddleston 1991)

Cenocoeliinae

Subfamily Cenocoeliinae Szépligeti, 1901

Notes: Distribution data from Shaw (1999).

Genus *Cenocoelius* Haliday, 1840

Nomenclature:

LACCOPHRYS Förster, 1863

PROMACHUS Cresson, 1887 preocc.

CAENOCOELIUS Marshall, 1894

POSTPROMACHUS Maes, 1999

Cenocoelius aartseni (van Achterberg, 1994)

Nomenclature:

Promachus aartseni van Achterberg, 1994

Distribution: England

Notes: added by Shaw (1999)

Cenocoelius analis (Nees, 1834)

Nomenclature:

Bracon analis Nees, 1834

flavifrons Haliday, 1840

cephalotes (Ratzeburg, 1848, *Opius*) preocc.

magdalini (Förster, 1863, *Laccophrys*)

hungaricus Kiss, 1927

Distribution: England, Ireland

Genus *Lestricus* Reinhard, 1865

Lestricus secalis (Linnaeus, 1758)

Nomenclature:

Ichneumon secalis Linnaeus, 1758

agricolator (Linnaeus, 1767, *Ichneumon*)

rubriceps (Ratzeburg, 1844, *Alysia*)

femorator (Tobias, 1973, *Cenocoelius*)

Distribution: Scotland

Notes: NMS, det. Shaw, added here; removed from the British list by Shaw (1999) but recently found in Scotland.

Charmontinae

Subfamily Charmontinae van Achterberg, 1979

Genus *Charmon* Haliday, 1833

Nomenclature:

PROVANCHERIA Ashmead, 1900

CYCLOCORMUS Cameron, 1911

EUBADIZON misident.

Charmon cruentatus Haliday, 1833

Nomenclature:

pectoralis (Nees, 1834, *Eubadizon*)

pleuralis (Cresson, 1872, *Eubadizon*)

luteus (Cameron, 1911, *Cyclocormus*)

?*brevicauda* (Hellén, 1958, *Eubadizon*)

Distribution: England, Scotland, Wales, Ireland, Isle of Man

Notes: Although Achterberg (1979) treated *brevicauda* as a 'form' of *cruentatus*, the possibility of a separate species requires investigation.

Charmon extensor (Linnaeus, 1758)

Nomenclature:

Ichneumon extensor Linnaeus, 1758

gracilis (Provancher, 1880, *Eubadizon*)

hungaricus (Kiss, 1927, *Calyptus*)

striatus (Shestakov, 1940, *Eubadizon*)

Distribution: England, Scotland, Ireland

Cheloninae

Subfamily Cheloninae Förster, 1863

Nomenclature:

ADELIINAE Viereck, 1918

ACAELIINAE Viereck, 1918

ACOELIINAE Viereck, 1918

Notes: The genus *Adelius* and related extralimital genera have usually been treated as comprising a separate subfamily, Adeliinae. Recent phylogenetic studies (Belshaw et al. 2000, Belshaw and Quicke 2002) have placed the adeliines within the Cheloninae, as sister taxon to *Phanerotoma*.

Tribe Chelonini Förster, 1863

Genus *Ascogaster* Wesmael, 1835

Nomenclature:

CASCOGASTER Baker, 1926

LEPTODREPANA Shaw, 1983; synonymy by Achterberg (1990)

Notes: Distribution and synonymic data taken from Huddleston (1984).

Species of *Ascogaster* excluded from the British and Irish list:

[*bicarinata* (Herrich-Schäffer, 1838, *Chelonus*); syn. *mlokossewitschi* Kokujev, 1895; syn. *rufiventris* Telenga, 1941; preocc.] Included by Huddleston (1978) but no British specimens were seen by Huddleston (1984).

[*similis* (Nees, 1816, *Chelonus*)] The type is lost and the species is unplaceable Huddleston (1984).

Ascogaster abdominalator (Dahlbom, 1833)

Nomenclature:

Chelonus abdominalator Dahlbom, 1833

instabilis Wesmael, 1835

fulviventris Curtis, 1837

femoralis (Herrich-Schäffer, 1838, *Chelonus*)

rufiventris (Herrich-Schäffer, 1838, *Chelonus*)

pallida Ruthe, 1855

Distribution: England, Scotland, Ireland

***Ascogaster albitarsus* Reinhard, 1867**

Nomenclature:

similis (Herrich-Schäffer, 1838, *Chelonus*)

leptopus Thomson, 1874

Distribution: Scotland, Ireland

Notes: added by Huddleston (1984)

***Ascogaster annularis* (Nees, 1816)**

Nomenclature:

Sigalphus annularis Nees, 1816

Distribution: England

***Ascogaster armata* Wesmael, 1835**

Nomenclature:

pulchella (Curtis, 1829, *Chelonus*) nom. nud.

esenbeckii Curtis, 1837

luteicornis (Herrich-Schäffer, 1838, *Chelonus*)

Distribution: England, Wales

***Ascogaster bidentula* Wesmael, 1835**

Nomenclature:

scabriuscula (Zetterstedt, 1838, *Sigalphus*)

multiarticulata (Ratzeburg, 1852, *Chelonus*)

gibbiscuta Thomson, 1874

fuscipennis Thomson, 1892

atamiensis Ashmead, 1906

Distribution: England, Scotland, Wales, Ireland

Notes: added by Huddleston (1984)

Ascogaster brevicornis* Wesmael, 1835*Nomenclature:**

monilicornis (Herrich-Schäffer, 1838, *Chelonus*)

Distribution: England, Ireland

Notes: added by Huddleston (1984)

Ascogaster canifrons* Wesmael, 1835*Nomenclature:**

graniger Thomson, 1892

zeryana Fahringer, 1925

Distribution: England, Ireland

***Ascogaster consobrina* Curtis, 1837**

Distribution: England, Scotland, Ireland

***Ascogaster dentifer* Tobias, 1976**

Distribution: England

Notes: added by Huddleston (1984)

Ascogaster dispar* Fahringer, 1934*Nomenclature:**

spinifer Tobias, 1964

kozlovi Tobias, 1972

Distribution: England

Notes: added by Huddleston (1984)

***Ascogaster gonocephala* Wesmael, 1835**

Distribution: England

Notes: added by Huddleston (1984)

***Ascogaster grahami* Huddleston, 1984**

Distribution: England

Notes: added by Huddleston (1984)

***Ascogaster klugii* (Nees, 1816)**

Nomenclature:

Sigalphus klugii Nees, 1816

ruficeps Wesmael, 1835

neesii Reinhard, 1867

Distribution: England

Notes: added by Huddleston (1984)

***Ascogaster quadridentata* Wesmael, 1835**

Nomenclature:

pallidicornis Curtis, 1837

impressa (Herrich-Schäffer, 1838, *Chelonus*)

quadridens (Herrich-Schäffer, 1838, *Chelonus*)

cynipum Thomson, 1892

nigricornis Thomson, 1892

egregia Kokujev, 1895

nigrator (Szépligeti, 1896, *Chelonus*)

carpocapsae (Viereck, 1909, *Chelonus*)

epinotiae Watanabe, 1937

Distribution: England

***Ascogaster rufidens* Wesmael, 1835**

Nomenclature:

rufipes (Herrich-Schäffer, 1838, *Chelonus*) preocc.

laevigator (Ratzeburg, 1852, *Chelonus*)

Distribution: England, Ireland

Ascogaster rufipes* (Latreille, 1809)*Nomenclature:**

Sigalphus rufipes Latreille, 1809
elegans (Nees, 1816, *Sigalphus*)
fasciata (Dahlbom, 1833, *Chelonus*)
pallipes (Herrich-Schäffer, 1838, *Chelonus*)
rubripes (Lucas, 1849, *Chelonus*)
rugosula (Goureau, 1861, *Chelonus*)
ratzeburgii Marshall, 1885
arisanica Sonan, 1932
nigribasis Fahringer, 1934
soror Telenga, 1941

Distribution: England, Ireland

Ascogaster varipes* Wesmael, 1835*Nomenclature:**

atriceps (Ratzeburg, 1844, *Chelonus*)
tersa Reinhard, 1867
cavifrons Thomson, 1874
sternalis Thomson, 1874
catula (Marshall, 1885, *Chelonus*); synonymy by Papp (1996c)
jaroslawensis Kokujev, 1895

Distribution: England, Scotland, Ireland

Genus *Chelonus* Jurine, 1801**Subgenus *Chelonus* Jurine, 1801****Nomenclature:**

Anomala von Block, 1799 nom. ob.
DAVISANIA La Munyon, 1877
ARICHELONUS Viereck, 1913
MEGACHELONUS Baker, 1926

***Chelonus (Chelonus) acuminatus* Herrich-Schäffer, 1838**

Distribution: England

Notes: NMS, det. Huddleston, added here

***Chelonus (Chelonus) annulatus* (Nees, 1816)**

Nomenclature:

Sigalphus annulatus Nees, 1816

maculatus Szépligeti, 1896

Distribution: England, Scotland, Ireland

***Chelonus (Chelonus) asiaticus* Telenga, 1941**

Distribution: England, Ireland

Notes: BMNH, det. Lozan, added here. The name is a junior homonym of *Chelonus asiaticus* Fahringer, 1932.

***Chelonus (Chelonus) canescens* Wesmael, 1835**

Distribution: England

***Chelonus (Chelonus) carbonator* Marshall, 1885**

Nomenclature:

asiaticus Fahringer, 1932

Distribution: England

***Chelonus (Chelonus) corvulus* Marshall, 1885**

Nomenclature:

suturatus Szépligeti, 1898

Distribution: England, Scotland

***Chelonus (Chelonus) cylindrus* (Klug, 1816)**

Nomenclature:

Sigalphus cylindrus Klug, 1816

variabilis Herrich-Schäffer, 1838

macrocerus Thomson, 1874

speculator Marshall, 1885

ebeninus Fahringer, 1934

Distribution: England

Notes: *Chelonus speculator* was listed as a synonym of *oculator* by Huddleston (1978).

***Chelonus (Chelonus) decorus* Marshall, 1885**

Nomenclature:

clavipes Curtis, 1837 nom. nud.

clavipes Fahringer, 1934

szepligetii Fahringer, 1934

Distribution: England

***Chelonus (Chelonus) inanitus* (Linnaeus, 1767)**

Nomenclature:

Cynips inanita Linnaeus, 1767

binarius (Fourcroy, 1785, *Ichneumon*)

atomos (Rossi, 1790, *Ichneumon*)

Distribution: England, Ireland

***Chelonus (Chelonus) obscuratus* Herrich-Schäffer, 1838**

Nomenclature:

intermedius Thomson, 1874

Distribution: England

Notes: NMS, det. Huddleston, added here

***Chelonus (Chelonus) oculator* (Fabricius, 1785)**

Nomenclature:

Ichneumon oculator Fabricius, 1785

integer (von Block, 1799, *Anomala*)

mutabilis (Nees, 1816, *Sigalphus*)

oculatus (Nees, 1816, *Sigalphus*)

Distribution: England, Scotland

***Chelonus (Chelonus) pusio* Marshall, 1885**

Distribution: England

Chelonus (Chelonus) scabrator* (Fabricius, 1793)*Nomenclature:**

Ichneumon scabrator Fabricius, 1793

scaber (Nees, 1816, *Sigalphus*)

buccatus Thomson, 1874

Distribution: England

Chelonus (Chelonus) submuticus* Wesmael, 1835*Nomenclature:**

luteipes Thomson, 1874; synonymy by Papp (1995b)

Distribution: England

Chelonus (Chelonus) wesmaelii* Curtis, 1837*Nomenclature:**

zimini Tobias, 1972

Distribution: England

Subgenus *Microchelonus* Szépligeti, 1908**Nomenclature:**

CHELONELLA Szépligeti, 1908

NEOCHELONELLA Hincks, 1943

Notes: Treated as a valid genus by Papp (1996c) and Belokobylskij et al. (2003), sometimes treated as a straight synonym of *Chelonus* (Achterberg and Polaszek 1996), here treated as a subgenus of *Chelonus*, following Taxapad (Yu et al. 2012).

Chelonus (Microchelonus) atripes* Thomson, 1874*Nomenclature:**

cunctator (Papp, 1971, *Microchelonus*)

kamtshaticus (Tobias, 1986, *Microchelonus*)

Distribution: England

Notes: NMS, BMNH, det. Huddleston and Lozan, added here

***Chelonus (Microchelonus) basalis* Curtis, 1837**

Distribution: England, Scotland

***Chelonus (Microchelonus) binus* (Tobias, 1995)**

Nomenclature:

Microchelonus binus Tobias, 1995

Distribution: England

Notes: BMNH, det. Lozan, added here

***Chelonus (Microchelonus) contractus* (Nees, 1816)**

Nomenclature:

Sigalphus contractus Nees, 1816

compressiscapus Szépligeti, 1898; synonymy by Papp (1996c)

Distribution: England, Scotland, Wales, Ireland

Notes: some distribution data from Tobias and Shaw (2005)

***Chelonus (Microchelonus) depressus* Thomson, 1874**

Distribution: England, Scotland, Wales

Notes: NMS, BMNH, det. Huddleston and Lozan, added here

***Chelonus (Microchelonus) exilis* Marshall, 1885**

Nomenclature:

excavatus Tobias, 1972; synonymy by Papp (1995b)

Distribution: England

***Chelonus (Microchelonus) fenestratus* (Nees, 1816)**

Nomenclature:

Sigalphus fenestratus Nees, 1816

dispar Marshall, 1885

bimaculatus Ivanov, 1899 preocc.

Distribution: England

Notes: Synonymised under *contractus* by Papp (1995b) but treated as a separate species by Tobias and Lozan (2003) and listed as such in Taxapad (Yu et al. 2012).

***Chelonus (Microchelonus) fumipennis* (Tobias, 1986)**

Nomenclature:

Microchelonus fumipennis Tobias, 1986

Notes: BMNH, det. Lozan, added here; specimen lacking locality data, Billups coll.

***Chelonus (Microchelonus) latrunculus* Marshall, 1885**

Nomenclature:

?*parvicornis* Herrich-Schäffer, 1838

thomsonii Dalla Torre, 1898

polonicus Fahringer, 1934

rectus (Papp, 1971, *Microchelonus*)

Distribution: England, Scotland

Notes: Although *parvicornis* would have priority, Papp (1995b) states that the type is lost and its identity unverifiable.

***Chelonus (Microchelonus) lugubris* Wesmael, 1835**

Distribution: England, Ireland

Notes: NMS, BMNH, det. Huddleston and Lozan, added here

***Chelonus (Microchelonus) micropthalmus* Wesmael, 1838**

Nomenclature:

dilatatus Papp, 1971

Distribution: England

Notes: NMS, det. Huddleston, added here

***Chelonus (Microchelonus) miscellae* (Tobias & Shaw, 2005)**

Nomenclature:

Microchelonus miscellae Tobias & Shaw, 2005

Distribution: England

Notes: added by Tobias and Shaw (2005)

***Chelonus (Microchelonus) retusus* (Nees, 1816)**

Nomenclature:

Sigalphus retusus Nees, 1816

emarginatus Herrich-Schäffer, 1838

subemarginatus Herrich-Schäffer, 1838

caudatus Thomson, 1874

pamiricus Vojnovskaja-Krieger, 1931

Distribution: England

Notes: BMNH, det. Lozan, added here

***Chelonus (Microchelonus) risorius* Reinhard, 1867**

Nomenclature:

fissus Szépligeti, 1900 preocc.

fissuralis (Tobias, 1964, *Neochelonella*)

magnifissus (Tobias, 1986, *Microchelonus*)

Distribution: England

***Chelonus (Microchelonus) sulcatus* Jurine, 1807**

Distribution: England

Subgenus *Parachelonus* Tobias, 1995

***Chelonus (Parachelonus) gravenhorstii* (Nees, 1816)**

Nomenclature:

Sigalphus gravenhorstii Nees, 1816

maculator Dahlbom, 1833

eurytheca Wesmael, 1838

adjaricus Tobias, 1976

tricolor Tobias, 1976

Distribution: England

Chelonus (Parachelonus) pellucens* (Nees, 1816)*Nomenclature:**

Sigalphus pellucens Nees, 1816

nitens Reinhard, 1867

alboannulatus Szépligeti, 1896

pulchricornis Szépligeti, 1898

varimaculatus Tobias, 1986

austriacus Fahringer, 1934

Distribution: England

Notes: added by Papp (2004c)

Subgenus *Stylochelonus* Hellén, 1958***Chelonus (Stylochelonus) pedator* Dahlbom, 1833****Nomenclature:**

secutor (Marshall, 1885, *Chelonus*)

Distribution: England, Scotland

Chelonus (Stylochelonus) pusillus* (Szépligeti, 1908)*Nomenclature:**

Stylochelonus pusillus Szépligeti, 1908

furtivus (Tobias, 1986, *Microchelonus*)

tuberculiventris (Tobias, 1986, *Microchelonus*)

Distribution: England

Notes: BMNH, det. Lozan, added here

Tribe Phanerotomini Baker, 1926**Genus *Adelius* Haliday, 1833****Nomenclature:**

ACAELIUS Haliday, 1834

ACOELIUS Haliday, 1835

PLEIOMERUS Wesmael, 1837

ANOMOPTERUS Rohwer, 1914

MYRIOLA Shestakov, 1932

***Adelius erythronotus* (Förster, 1851)**

Nomenclature:

Acoelius erythronotus Förster, 1851

pyrrhia (Beirne, 1945, *Acoelius*)

flavus (Tobias, 1966, *Acoelius*)

Distribution: England, Ireland

Notes: *Adelius pyrrhia* was listed as a valid species by O'Connor et al. (1999) but as a synonym of *erythronotus* by Belokobylskij et al. (2003).

***Adelius germanus* (Haliday, 1834)**

Nomenclature:

Acaelius germanus Haliday, 1834

Distribution: England, Ireland

***Adelius subfasciatus* Haliday, 1833**

Nomenclature:

minutissimus (Zetterstedt, 1840, *Bracon*)

parvulus (Förster, 1851, *Acoelius*)

Distribution: England, Wales, Ireland

Notes: some distribution data from Shaw and Askew (1976)

***Adelius viator* (Förster, 1851)**

Nomenclature:

Acoelius viator Förster, 1851

Distribution: England

Genus *Phanerotoma* Wesmael, 1838**Subgenus *Phanerotoma* Wesmael, 1838****Nomenclature:**

PHANEROGASTER Wesmael, 1838 unavailable

SULYDUS Du Buysson, 1897

ICHNEUTIPTERUS Vachal, 1907; synonymy by Achterberg (1990)

NEOPHANEROTOMA Szépligeti, 1908

NEOCAMPISIS Szépligeti, 1914; synonymy by Achterberg (1990)

PHANEROTOMINA Shestakov, 1930

Notes: species of *Phanerotoma* (*Phanerotoma*) excluded from the British and Irish list:

[*planifrons* (Nees, 1816, *Sigalphus*); syn. *blanda* Fahringer, 1934; *bicolor* Snoflák, 1958 preocc.; *asini* Llopis Minguez, 1968; *snoflaki* Shenefelt, 1973] Prior to van Achterberg's (Achterberg 1990) revision, *dentata* had frequently been misidentified as *planifrons*. All of the British specimens identified as *planifrons* in the BMNH are in fact *dentata*.

***Phanerotoma* (*Phanerotoma*) *acuminata* Szépligeti, 1908**

Distribution: England

Notes: added by Achterberg (1990)

Phanerotoma* (*Phanerotoma*) *dentata* (Panzer, 1805)*Nomenclature:**

Chelonus dentatus Panzer, 1805

dentator (Nees, 1816, *Sigalphus*)

rendílea Fahringer, 1934

minor Šnoflák, 1951; synonymy by Achterberg (1990)

Distribution: England

Notes: Huddleston (1978) listed *Sigalphus rufescens* Latreille, 1809 as a junior synonym of *dentata* but this is now considered to be a separate species, not occurring in Britain or Ireland (Achterberg 1990), with historical records being misidentifications.

Phanerotoma (Phanerotoma) leucobasis* Kriechbaumer, 1894*Nomenclature:**

ocularis Kohl, 1906

ornatulopsis de Saeger, 1942

desertorum Hedwig, 1957; synonymy by Achterberg (1990)

flavitestacea Fischer, 1939; synonymy by Achterberg (1990)

caboverdensis Hedqvist, 1965

Distribution: England

Notes: Added by van Achterberg (1990). *Phanerotoma rjabovi* Vojnovskaja-Krieger, 1929 and *media* Shestakov, 1930, synonymised under *leucobasis* by Achterberg (1990), are now considered to be junior synonyms of *fracta* Kokujev, 1903 (Belokobylskij 2000b).

Subgenus *Bracotritoma* Csiki, 1909**Nomenclature:**

TRITOMA Szépligeti, 1908 preocc.; synonymy by Achterberg (1990)

SZEPLIGETIA Schulz, 1911; synonymy by Achterberg (1990)

TRITOMIOS Strand, 1921; synonymy by Achterberg (1990)

UNICA Šnoflák, 1951

Phanerotoma (Bracotritoma) bilinea* Lyle, 1924*Nomenclature:**

gregori Šnoflák, 1951

Distribution: England

Phanerotoma (Bracotritoma) tritoma* (Marshall, 1898)*Nomenclature:**

Chelonus tritonus Marshall, 1898

antennalis Šnoflák, 1951; synonymy by Achterberg (1990)

Distribution: England, Wales, Ireland

Doryctinae

Subfamily Doryctinae Förster, 1863

Notes: Tribal classification follows Belokobylskij (1992), but note that recent work suggests that none of the major doryctine tribes are actually monophyletic (Belokobylskij et al. 2004). Generic synonyms for the most part follow Belokobylskij et al. (2004).

Tribe Doryctini Förster, 1863

Genus *Dendrosoter* Wesmael, 1838

Nomenclature:

EURYBOLUS Ratzeburg, 1848

CAENOPACHYS Förster, 1863

Notes: Although Mancini et al. (2003) argued that *Caenopachys* should be treated as a separate genus, Gebiola et al. (2015) presented molecular phylogenetic evidence that that '*Caenopachys*' species (including *hartigii* in Britain) are nested within *Dendrosoter*.

Dendrosoter hartigii (Ratzeburg, 1848)

Nomenclature:

Bracon hartigii Ratzeburg, 1848

flaviventris Förster, 1878

caenopachoides Ruschka, 1925; synonymy by Gebiola et al. (2015)

hartigi misspelling

Distribution: England

Dendrosoter middendorffi (Ratzeburg, 1848)

Nomenclature:

Bracon middendorffi Ratzeburg, 1848

schimitscheki Fahringer, 1941

Distribution: England

Notes: NMS, det. Shaw, added in Fauna Europaea

Dendrosoter protuberans* (Nees, 1834)*Nomenclature:**

Bracon protuberans Nees, 1834

insignis Förster, 1878

Distribution: England

Genus *Doryctes* Haliday, 1836**Nomenclature:**

ISCHIOGONUS Wesmael, 1838

Neodoryctes Szépligeti, 1914

UDAMOLCUS Enderlein, 1920

PRISTODORYCTES Kieffer, 1921

Paradoryctes Granger, 1949

PLYCTES Fischer, 1970

***Doryctes heydenii* Reinhard, 1865**

Distribution: England

Doryctes leucogaster* (Nees, 1834)*Nomenclature:**

Bracon leucogaster Nees, 1834

Notes: #Probably occurred only in imported timber. Its British status appears to depend solely on specimens reared in July 1908 from Austrian oak imported to a timber yard near Millwall docks (Elliot and Morley 1911).

Doryctes obliteratus* (Nees, 1834)*Nomenclature:**

Bracon obliteratus Nees, 1834

mutillator misident.

tabidus (Haliday, 1836, *Rogas*)

brachyurus Marshall, 1888

strigatus Kokujev, 1900

petrovskii Kokujev, 1902

Distribution: England

Notes: Regarded as a synonym of *striatellus* by Belokobylskij et al. (2003).

***Doryctes pomarius* Reinhard, 1865**

Nomenclature:

schimitscheki Fahringer, 1931

Distribution: England

***Doryctes rossicus* Telenga, 1941**

Distribution: England

Notes: NMS, det. Shaw, added in Fauna Europaea

***Doryctes striatellus* (Nees, 1834)**

Nomenclature:

Bracon striatellus Nees, 1834

maculipes Curtis, 1837 nom. nud.

disparator (Ratzeburg, 1844, *Bracon*)

rex Marshall, 1897

striatelloides Strand, 1918

yogoi Watanabe, 1954

ambigua Kokujev, 1900

notatus Kokujev, 1900

Distribution: England

***Doryctes undulatus* (Ratzeburg, 1852)**

Nomenclature:

Bracon undulatus Ratzeburg, 1852

Distribution: England

Genus *Gildoria* Hedqvist, 1974

Notes: Removed from synonymy with *Dendrosotinus* Telenga, 1941 by Achterberg (2003b).

Gildoria similis* (Bouček, 1955)*Nomenclature:**

Dendrosotinus similis Bouček, 1955

Distribution: England

Notes: added by Shaw (1998)

Genus *Ontsira* Cameron, 1900**Nomenclature:**

DORYCTODES Hellén, 1927

Notes: Zaldívar-Riverón et al. (2008a) did not recover *Ontsira* as monophyletic and consequently some authors (e.g. Achterberg 2014) prefer to treat these species as belonging to *Doryctodes*.

Ontsira antica* (Wollaston, 1858)*Nomenclature:**

Clinocentrus anticus Wollaston, 1858

gallica (Reinhard, 1865, *Doryctes*)

truncorum (Goureau, 1866, *Bracon*)

incerta (Ashmead, 1888, *Doryctes*)

caudalis (Hellén, 1957, *Oncophanes*)

Distribution: Scotland

Ontsira ignea* (Ratzeburg, 1852)*Nomenclature:**

Bracon igneus Ratzeburg, 1852

Distribution: England

Notes: NMS, det. Shaw and van Achterberg, added here

Ontsira imperator* (Haliday, 1836)*Nomenclature:**

Fogas imperator Haliday, 1836

zonata (Wesmael, 1838, *Ischiogonus*)

praecisa (Ratzeburg, 1852, *Bracon*)

cingulata (Provancher, 1880, *Syngaster*)

dubia (Kokujev, 1900, *Doryctes*)

iranica (Telenga, 1941, *Doryctodes*)

niger (Hedwig, 1957, *Coeloides*)

Distribution: England, Ireland

Genus *Rhaconotus* Ruthe, 1854

Nomenclature:

HEDYSOMUS Förster, 1863

HORMIOPTERUS Giraud, 1869

RHADINOGASTER Szépligeti, 1908

EURYPHRYMNUS Cameron, 1910

RHACONOTINUS Hedqvist, 1965

Rhaconotus aciculatus Ruthe, 1854

Nomenclature:

cerdai Docavo Alberti, 1960

major Tobias, 1964

Distribution: England

Notes: added by Shaw (1998)

Genus *Wachsmannia* Szépligeti, 1900

Notes: Belokobylskij (1992) synonymised *Wachsmannia* under *Ontsira* but van Achterberg (1995) disagreed and synonymised *Wachsmannia* under *Hypodoryctes* Kokujev, 1900. Van Achterberg (pers. comm. and in Fauna Europaea) now regards *Wachsmannia* as a separate genus again.

Wachsmannia spathiiformis (Ratzeburg, 1848)

Nomenclature:

Bracon spathiiformis Ratzeburg, 1848

maculipennis Szépligeti, 1900; synonymy by Achterberg (1995)

obliteratus misident.

Distribution: England

Tribe Ecphylini Hellén, 1957

Genus *Ecphylus* Förster, 1863

Nomenclature:

TERENUSA Marshall, 1885

PARAECPHYLUS Ashmead, 1900

SACTOPUS Ashmead, 1900

Notes: Other species are treated as synonyms of *silesiacus* by Belokobylskij et al. (2003) but van Achterberg (in Belokobylskij et al. 2003) states that there is biological evidence for several species.

Ecphylus eccoptogastris (Ratzeburg, 1848)

Nomenclature:

Bracon eccoptogastris Ratzeburg, 1848

Ecphylus hylesini (Ratzeburg, 1852)

Nomenclature:

Bracon hylesini Ratzeburg, 1852

Distribution: England

Notes: NMS, det. Shaw and van Achterberg, added in Fauna Europaea

Ecphylus pinicola Hedqvist, 1967

Distribution: England, Scotland

Notes: NMS, det. Shaw and van Achterberg, added in Fauna Europaea

Ecphylus silesiacus (Ratzeburg, 1848)

Nomenclature:

Bracon silesiacus Ratzeburg, 1848

minutissimus (Ratzeburg, 1848, *Bracon*) preocc.

Distribution: England

Notes: NMS, det. Shaw and van Achterberg, added in Fauna Europaea; Shaw (1998) recorded *silesiacus* as British but was using the name in the broader sense (i.e. = *eccoptogastris*, = *hylesini*, = *pinicola*). Listed in Huddleston (1978) as *eccoptogastris*.

Tribe Hecabolini Förster, 1863**Genus *Hecabolus* Curtis, 1834****Nomenclature:**

ANISOPELMA Wesmael, 1838

Hecabolus sulcatus* Curtis, 1834*Nomenclature:**

belgicus (Wesmael, 1838, *Anisopelma*)

Distribution: England, Wales

Genus *Monolexis* Förster, 1863

Notes: Species of *Monolexis* excluded from the British and Irish list:

[*fuscicornis* Förster, 1863; syn. *lycti* (Cresson, 1880, *Anisopelma*); *minimus* (Cresson, 1880, *Anisopelma*); *utilis* (Cresson, 1880, *Anisopelma*); *doderoi* (Mantero, 1910, *Hecabolus*); *lavagnei* Picard, 1913; *atis* Nixon, 1943] Seems to have been included on the British list only on the basis of specimens emerging from Oak (*Quercus*) timber imported from the USA (e.g. Laing 1928).

Genus *Heterospilus* Haliday, 1836**Nomenclature:**

SYNODUS misident.

TELEBOLUS Marshall, 1888

KAREBA Cameron, 1905

ANOCATOSTIGMA Enderlein, 1920

HARPAGOLACCUS Enderlein, 1920

LITUANIA Jakimavičius, 1968

Notes: species of *Heterospilus* excluded from the British and Irish list:

[*caesus* (Nees, 1834, *Bracon*) misident.] Excluded by Shaw and Huddleston (1991), see also Shaw (1997).

***Heterospilus ater* Fischer, 1960**

Distribution: England

Notes: added by Shaw (1998)

***Heterospilus fuscexilis* Shaw, 1997**

Distribution: England

Notes: added by Shaw (1997)

Tribe Spathiini Förster, 1863**Genus *Spathius* Nees, 1818****Nomenclature:**

STENOPHASMUS Smith, 1859

EUSPATHIUS Förster, 1863

PSEUDOSPATHIUS Szépligeti, 1902

RHACOSPATHIUS Cameron, 1905

***Spathius brevicaudis* Ratzeburg, 1844**

Distribution: England, Wales

Notes: NMS, det. Shaw, added in Fauna Europaea

Spathius exarator* (Linnaeus, 1758)*Nomenclature:**

Ichneumon exarator Linnaeus, 1758

formicatus (Linnaeus, 1767, *Ichneumon*)

mutillarius (Fabricius, 1775, *Ichneumon*)

mystacatus (Schrank, 1781, *Ichneumon*)

affinis (Fabricius, 1793, *Ichneumon*)

immaturus (Gravenhorst, 1807, *Ichneumon*)

clavatus (Panzer, 1809, *Cryptus*)

affinator (Thunberg, 1824, *Ichneumon*)

attenuator (Thunberg, 1824, *Ichneumon*)

formicator (Thunberg, 1824, *Ichneumon*) preocc.

mutillator (Thunberg, 1824, *Ichneumon*)

exannulatus Ratzeburg, 1848

ferrugatus Goureau, 1866

strandii Fahringer, 1930

breviterebrantus Dutu-Lacatusu, 1956

Distribution: England, Scotland, Wales, Ireland

***Spathius pedestris* Wesmael, 1838**

Nomenclature:

apterus Wollaston, 1858

maderi Fahringer, 1930

hirtus Hedqvist, 1976

Distribution: England

Notes: Recorded as new to Britain by Perkins and Nixon (1939). Huddleston (1978) listed this as a species in need of confirmation, although, being wingless, it is straightforward to identify. There are additional British specimens in BMNH, World Museum Liverpool, Manchester Museum and Leeds City Museum.

***Spathius phymatodis* Fischer, 1966**

Distribution: England

Notes: NMS, det. Shaw, added in Fauna Europaea

***Spathius rubidus* (Rossius, 1794)**

Nomenclature:

Ichneumon rubidus Rossius, 1794

umbrator (Thunberg, 1824, *Ichneumon*) preocc,

rugosus Ratzeburg, 1848

sculpturatus Hellén, 1927

depressus Hedqvist, 1976

bimaculatus Telenga, 1941

Distribution: England, Scotland, Ireland

***Spathius umbratus* (Fabricius, 1798)**

Nomenclature:

Ichneumon umbratus Fabricius, 1798

erythrocephalus Wesmael, 1838

curvicaudis Ratzeburg, 1844

Distribution: England

Notes: *Spathius curvicaudis* was recorded as new to Britain by Shaw (1988a) but synonymised under *erythrocephalus* by Belokobylskij and Samartsev (2014) and Achterberg (2014), who also synonymised *erythrocephalus* under *umbratus*.

Euphorinae

Subfamily Euphorinae Förster, 1863

Notes: The tribal and generic classification follows Stigenberg et al. (2015).

Tribe Centistini Čapek, 1970

Genus *Allurus* Förster, 1863

Allurus lituratus (Haliday, 1835)

Nomenclature:

Leiophron lituratus Haliday, 1835

Distribution: Ireland

Notes: Synonymised under *muricatus* by Achterberg (1985), later removed from synonymy by Achterberg (1997), with a key to the species.

Allurus muricatus (Haliday, 1833)

Nomenclature:

Ancyclus muricatus Haliday, 1833

armatus (Wesmael, 1835, *Leiophron*)

niger (Lyle, 1926, *Leiophron*)

Distribution: Scotland, Ireland

Genus *Centistes* Haliday, 1835

Subgenus *Ancylocentrus* Förster, 1863

Notes: species of *Centistes* (*Ancylocentrus*) excluded from the British and Irish list:

[*subsulcatus* (Thomson, 1895, *Leiophron*)] Not included in Huddleston (1978) but listed as British in Taxapad (Yu et al. 2012) as it was recorded by Kerrich (1932), as a tentative identification (by Roman), which has not been corroborated.

***Centistes (Ancylocentrus) ater* (Nees, 1834)**

Nomenclature:

Leiophron ater Nees, 1834

excrucians (Haliday, 1835, *Leiophron*)

lativalvis (Jakimavičius, 1972, *Allurus*)

Distribution: England, Ireland

***Centistes (Ancylocentrus) collaris* (Thomson, 1895)**

Nomenclature:

Leiophron collaris Thomson, 1895

Distribution: England, Ireland

Notes: BMNH, det. Mason, Broad, added here

***Centistes (Ancylocentrus) edentatus* (Haliday, 1835)**

Nomenclature:

Leiophron edentatus Haliday, 1835

Distribution: England, Ireland

***Centistes (Ancylocentrus) nasutus* (Wesmael, 1838)**

Nomenclature:

Eubadizon nasutus Wesmael, 1838

saxo (Reinhard, 1862, *Leiophron*)

Distribution: England

Notes: some distribution data from Luff (1976a)

Subgenus *Centistes* Haliday, 1835

Nomenclature:

ANCYLLUS Haliday, 1833

ANCYLLUS Haldeman, 1842

EUPHORIDEA Ashmead, 1900

LIOSIGALPHUS Ashmead, 1900

***Centistes (Centistes) cuspidatus* (Haliday, 1833)**

Nomenclature:

Ancylus cuspidatus Haliday, 1833

lucidator (Nees, 1834, *Bracon*)

Distribution: England, Ireland

***Centistes (Centistes) fuscipes* (Nees, 1834)**

Nomenclature:

Bracon fuscipes Nees, 1834

fuscipes (Wesmael, 1835, *Leiophron*)

Distribution: England

Subgenus *Syrrhizus* Förster, 1863

***Centistes (Syrrhizus) delusorius* (Förster, 1863)**

Nomenclature:

Syrrhizus delusorius Förster, 1863

Distribution: England, Scotland

Tribe *Cosmophorini* Muesebeck & Walkley, 1951

Genus *Cosmophorus* Ratzeburg, 1848

Nomenclature:

COSMOPHORINUS Viereck, 1925

***Cosmophorus cembrae* Ruschka, 1925**

Distribution: England

Notes: added by Shaw (1989)

Genus *Ropalophorus* Curtis, 1837

Nomenclature:

RHOPALOPHORUS Blanchard, 1840 emendation, preocc.

CORYNOPHORE Blanchard, 1845

EUSTALOCERUS Förster, 1863

***Ropalophorus clavicornis* (Wesmael, 1835)**

Nomenclature:

Microctonus clavicornis Wesmael, 1835

wisconsinensis Shenefelt, 1960; synonymy by Yang et al. (2003)

Distribution: England

Tribe Dinocampini Shaw, 1985

Genus *Dinocampus* Förster, 1863

***Dinocampus coccinellae* (Schrank, 1802)**

Nomenclature:

Ichneumon coccinellae Schrank, 1802

terminatus (Nees, 1812, *Bracon*)

sculptus (Cresson, 1872, *Euphorus*)

americanus (Riley, 1888, *Centistes*)

Distribution: England, Scotland, Wales, Ireland

Tribe Euphorini Förster, 1863

Genus *Leiophron* Nees, 1818

Notes: Distribution and much taxonomic data from Richards (1967), New (1970) and Loan (1974).

Subgenus *Euphorus* Nees, 1834

Notes: Treated as a subgenus of *Leiophron* by Belokobylskij (2000b).

***Leiophron (Euphorus) duploclaviventris* Shenefelt, 1969**

Nomenclature:

claviventris (Ruthe, 1856, *Microctonus*) preocc.

ruthei Loan, 1974

Distribution: England

***Leiophron (Euphorus) pallidistigma* (Curtis, 1833)**

Nomenclature:

Leiophron pallidistigma Curtis, 1833

pallicornis (Nees, 1834, *Euphorus*)

claviventris (Wesmael, 1835, *Microctonus*)

intacta (Haliday, 1835, *Leiophron*)

parvula (Ruthe, 1856, *Microctonus*)

Distribution: England, Ireland

***Leiophron (Euphorus) similis* (Curtis, 1833)**

Nomenclature:

Leiophron similis Curtis, 1833

basalis (Curtis, 1833, *Leiophron*)

Distribution: England, Wales, Ireland

Notes: Listed twice, under *Microctonus* and *Leiophron*, by Huddleston (1978).

Subgenus *Leiophron* Nees, 1818

Nomenclature:

Liophron Förster, 1863

***Leiophron (Leiophron) apicalis* Haliday, 1833**

Nomenclature:

apicalis Curtis, 1833 preocc.

ornata (Marshall, 1887, *Euphorus*)

Distribution: England, Ireland, Isle of Man

Notes: The type of *Euphorus ornatus* is lost but Loan (1974) suggested, on the basis of possible type material (collected in England), that *ornata* may be a synonym of *apicalis*, which has been formally proposed by Papp (2003).

***Leiophron (Leiophron) fascipennis* (Ruthe, 1856)**

Nomenclature:

Microctonus fascipennis Ruthe, 1856

fasciipennis misspelling

aciculata Belokobylskij, 1993

Distribution: England

***Leiophron (Leiophron) fulvipes* Curtis, 1833**

Distribution: England

***Leiophron (Leiophron) heterocordyli* Richards, 1967**

Distribution: England

Genus *Peristenus* Förster, 1863

Notes: species of *Peristenus* excluded from the British and Irish list:

[*brevicornis* (Herrich-Schäffer, 1838, *Perillitus*)] Listed by Loan (1974) as incertae sedis within *Peristenus* or *Leiophron*, by Huddleston (1978) as a doubtfully placed species of *Leiophron* and by van Achterberg (in Belokobylskij et al. 2003) as a species of *Peristenus*. We cannot trace any references to this species occurring in Britain or Ireland.

[*duplobrevicornis* (Shenefelt, 1969, *Leiophron*); syn. *brevicornis* (Ruthe, 1856, *Microctonus*) preocc.] According to Loan (1974), the type of *brevicornis* (Ruthe) is lost and the species cannot be identified with certainty. Recorded as British by Marshall (1872). Belokobylskij et al. (2003) list it as a species of *Peristenus* (= *Leiophron* according to Belokobylskij).

[*mitis* (Haliday, 1833, *Leiophron*)] According to van Achterberg (in Belokobylskij et al. 2003) the type is lost and was probably a deformed specimen anyway.

***Peristenus accinctus* (Haliday, 1835)**

Nomenclature:

Leiophron accinctus Haliday, 1835

laeviventris (Ruthe, 1856, *Microctonus*)

intermedius (Ruthe, 1856, *Microctonus*)

***Peristenus antennalis* (Hincks, 1943) preocc.**

Nomenclature:

Leiophron antennalis Hincks, 1943

picipes (Haliday, 1835, *Leiophron*) preocc.

Distribution: Ireland

Notes: Added by Achterberg (1997). Hincks's was a replacement name for Haliday's use of the name *picipes* for a species that is distinct from *picipes* (Curtis). Preoccupied by *Leiophron antennalis* Watanabe, 1937 (now classified in *Centistes* (*Ancylocentrus*)).

***Peristenus facialis* (Thomson, 1892)**

Nomenclature:

Euphorus facialis Thomson, 1892

fascialis misspelling

microcerus (Thomson, 1892, *Euphorus*)

Distribution: England, Wales

***Peristenus grandiceps* (Thomson, 1892)**

Nomenclature:

Euphorus grandiceps Thomson, 1892

Distribution: England, Ireland

Notes: Not listed by Huddleston (1978), although it was taken out of synonymy with *orchesia* by Loan (1974).

***Peristenus malatus* Loan, 1976**

Distribution: Scotland

Notes: distribution data from Loan (1976)

***Peristenus nitidus* (Curtis, 1833)**

Nomenclature:

Leiophron nitidus Curtis, 1833

Distribution: England

***Peristenus orchesia* (Curtis, 1833)**

Nomenclature:

Leiophron orchesia Curtis, 1833

rufibarbis (Curtis, 1837, *Leiophron*)

Distribution: England

Peristenus orthotyli* (Richards, 1967)*Nomenclature:**

Leiophron orthotyli Richards, 1967

Distribution: England

Peristenus pallipes* (Curtis, 1833)*Nomenclature:**

Leiophron pallipes Curtis, 1833

barbiger (Wesmael, 1835, *Microctonus*)

Distribution: England, Scotland, Ireland, Isle of Man

Notes: Van Achterberg has identified a Scottish specimen as *barbiger*, currently listed as a junior synonym of *pallipes*.

Peristenus pallipes* (Herrich-Schäffer, 1838) preocc.*Nomenclature:**

Perilitus pallipes Herrich-Schäffer, 1838

mellipes (Cresson, 1872, *Euphorus*)

punctatus (Provancher, 1883, *Microctonus*)

tuberculifer (Marshall, 1887, *Euphorus*)

nocturnus (Viereck, 1905, *Brachistes*)

Peristenus picipes* (Curtis, 1833)*Nomenclature:**

Leiophron picipes Curtis, 1833

coactus (Marshall, 1887, *Euphorus*)

Distribution: England, Ireland

Tribe Helorimorphini Schmiedeknecht, 1907**Genus *Chrysopophthorus* Goidanich, 1948*****Chrysopophthorus hungaricus* (Kiss, 1927)****Nomenclature:**

Helorimorpha hungaricus Kiss, 1927

chrysopimuginis Goidanich, 1948

elegans Tobias, 1961

Distribution: England

Notes: added by Shaw (1996a)

Genus *Wesmaelia* Förster, 1863

***Wesmaelia petiolata* (Wollaston, 1858)**

Nomenclature:

Euphorus petiolatus Wollaston, 1858

pendula Förster, 1863

cremasta Marshall, 1872

americana Myers, 1917

asiatica Shestakov, 1932

Distribution: England

Tribe Myiocephalini Chen & van Achterberg, 1997

Nomenclature:

LOXOCEPHALINI Shaw, 1985 invalid

Genus *Myiocephalus* Marshall, 1897

Nomenclature:

LOXOCEPHALUS Förster, 1863 preocc.

SPILOMMA Morley, 1909

***Myiocephalus boops* (Wesmael, 1835)**

Nomenclature:

Microctonus boops Wesmael, 1835

longipes (Förster, 1863, *Loxocephalus*)

laticeps (Provancher, 1886, *Gamosecus*)

falconivibrans (Morley, 1909, *Spilomma*)

hedini (Fahringer, 1930, *Aphidius*)

Distribution: England, Ireland

Tribe Neoneurini Bengtsson, 1918**Nomenclature:**

ELASMOSOMINI Viereck, 1918

Notes: Treated as a separate subfamily in many works (e.g. Shaw and Huddleston 1991, Achterberg 1993b) but recent phylogenetic studies have shown the neoneurines to be nested within the Euphorinae (e.g. Belshaw and Quicke 2002, Downton et al. 2002).

Genus *Elasmosoma* Ruthe, 1858**Nomenclature:**

PARAMIRAX Ashmead, 1895 unavailable

***Elasmosoma berolinense* Ruthe, 1858**

Distribution: England

Notes: added by Shaw (2009)

Genus *Neoneurus* Haliday, 1838**Nomenclature:**

ECCLITES Förster, 1863

SIXIA Vollenhoven, 1867; synonymy by Achterberg (1997)

Neoneurus auctus* (Thomson, 1895)*Nomenclature:**

Elasmosoma aucta Thomson, 1895

halidai Marshall, 1897

bistigmaticus (Morley, 1909, *Euphorus*)

Distribution: England, Scotland

Tribe Perilitini Förster, 1863**Nomenclature:**

MICROCTONINI Shaw, 1985

Genus *Microctonus* Wesmael, 1835**Nomenclature:**

GAMOSECUS Provancher, 1880

Notes: Haeselbarth (2008) described many new species in *Perilitus* (*Microctonus*) but as *Microctonus* was raised to generic rank by Stigenberg et al. (2015), these are effectively new combinations in *Microctonus*. Synonymy follows Haeselbarth (2008).

Microctonus aciculatus* (Haeselbarth, 2008)*Nomenclature:**

Perilitus aciculatus Haeselbarth, 2008

Distribution: Ireland

Notes: added by Haeselbarth (2008)

Microctonus aethiops* Nees, 1834*Nomenclature:**

spurius Ruthe, 1856

?*brevispina* (Thomson, 1892, *Euphorus*)

aethiopoides Loan, 1975

Distribution: England, Ireland

Microctonus alticae* (Haeselbarth, 2008)*Nomenclature:**

Perilitus alticae Haeselbarth, 2008

Distribution: England

Notes: added by Haeselbarth (2008)

Microctonus aphthonae* (Haeselbarth, 2008)*Nomenclature:**

Perilitus aphthonae Haeselbarth, 2008

Distribution: England, Ireland

Notes: added by Haeselbarth (2008)

Microctonus apiophaga* Loan, 1974**Microctonus areolatus* (Thomson, 1892)****Nomenclature:**

Perilitus areolatus Thomson, 1892

Distribution: England

Microctonus belokobylskiji* (Haeselbarth, 2008)*Nomenclature:**

Perilitus belokobylskiji Haeselbarth, 2008

Distribution: Ireland

Notes: added by Haeselbarth (2008)

Microctonus brassicae* (Haeselbarth, 2008)*Nomenclature:**

Perilitus brassicae Haeselbarth, 2008

Distribution: England

Notes: added by Haeselbarth (2008)

Microctonus brevicollis* (Haliday, 1835)*Nomenclature:**

Perilitus brevicollis Haliday, 1835

Distribution: England, Ireland

Microctonus cerealium* (Haliday, 1835)*Nomenclature:**

Perilitus cerealium Haliday, 1835

secalis (Haliday, 1833, *Perilitus*) unavailable

Distribution: England, Ireland

***Microctonus colesi* Drea, 1968**

Distribution: Scotland, Ireland

Notes: added by Haeselbarth (2008)

***Microctonus consueto* (Nees, 1834)**

Nomenclature:

Perilitus consueto Nees, 1834

Distribution: Scotland

Notes: added by Haeselbarth (2008)

***Microctonus debilis* (Wollaston, 1858)**

Nomenclature:

Perilitus debilis Wollaston, 1858

?*gracilipes* (Thomson, 1892, *Perilitus*)

Distribution: Ireland

Notes: added by Haeselbarth (2008)

***Microctonus fagi* (Haeselbarth, 2008)**

Nomenclature:

Perilitus fagi Haeselbarth, 2008

Distribution: England, Ireland

Notes: Added by Haeselbarth (2008); specimens tentatively associated with the type material.

***Microctonus fittkai* (Haeselbarth, 2008)**

Nomenclature:

Perilitus fittkai Haeselbarth, 2008

Distribution: England

Notes: added by Haeselbarth (2008)

***Microctonus flaviventris* (Thomson, 1892)**

Nomenclature:

Perilitus flaviventris Thomson, 1892

areolatus (Thomson, 1892, *Perilitus*)

Distribution: Ireland

Notes: added by Haeselbarth (2008)

***Microctonus haszprunari* (Haeselbarth, 2008)**

Nomenclature:

Perilitus haszprunari Haeselbarth, 2008

Distribution: Ireland

Notes: added by Haeselbarth (2008)

***Microctonus lipari* Čapek & Stary, 1995**

Distribution: England

Notes: added by Haeselbarth (2008)

***Microctonus melanopus* Ruthe, 1856**

Distribution: England, Scotland, Ireland

Notes: added by Haeselbarth (2008)

***Microctonus parvicornis* Ruthe, 1856**

Distribution: England

***Microctonus perforatus* (Haeselbarth, 2008)**

Nomenclature:

Perilitus perforatus Haeselbarth, 2008

Distribution: England

Notes: added by Haeselbarth (2008)

***Microctonus podargae* (Haeselbarth, 2008)**

Nomenclature:

Perilitus podargae Haeselbarth, 2008

Distribution: England

Notes: added by Haeselbarth (2008)

Microctonus retusus* Ruthe, 1856*Nomenclature:**

lancearius Ruthe, 1856

caudatus (Thomson, 1892, *Perilitus*)

Distribution: England, Ireland

Notes: Added by Luff (1976b); overlooked by Huddleston (1978) and O'Connor et al. (1999).

Microctonus silvularis* (Haeselbarth, 2008)*Nomenclature:**

Perilitus silvularis Haeselbarth, 2008

Distribution: Scotland, Ireland

Notes: added by Haeselbarth (2008)

Microctonus stenocari* (Haeselbarth, 2008)*Nomenclature:**

Perilitus stenocari Haeselbarth, 2008

Distribution: Scotland

Notes: added by Haeselbarth (2008)

Microctonus strophosomi* (Haeselbarth, 2008)*Nomenclature:**

Perilitus strophosomi Haeselbarth, 2008

Distribution: Scotland, Ireland

Notes: added by Haeselbarth (2008)

Microctonus thyellae* (Haeselbarth, 2008)*Nomenclature:**

Perilitus thyellae Haeselbarth, 2008

Distribution: England, Scotland

Notes: added by Haeselbarth (2008)

Genus *Perilitus* Nees, 1818

Notes: species of *Perilitus* excluded from the British and Irish list:

[*falciger* (Ruthe, 1856, *Microctonus*)] Richards (1960) states that it is not known with certainty from Britain.

***Perilitus areolaris* Gerdin & Hedqvist, 1985**

Distribution: England

Notes: added by Haeselbarth (1999)

***Perilitus dubius* (Wesmael, 1838)**

Nomenclature:

Microctonus dubius Wesmael, 1838

rutilus Herrich-Schäffer, 1838 preocc.

Distribution: England

***Perilitus foveolatus* Reinhard, 1862**

Nomenclature:

sicheli Giard, 1895; synonymy by Haeselbarth (1999)

Distribution: England, Wales

***Perilitus marci* Haeselbarth, 1999**

Distribution: England

Notes: added by Haeselbarth (1999)

***Perilitus rutilus* (Nees, 1811)**

Nomenclature:

Bracon rutilus Nees, 1811

luteus Herrich-Schäffer, 1838

ruralis Herrich-Schäffer, 1838

strenuus Marshall, 1887; synonymy by Haeselbarth (1999)

pyri (Viereck, 1917, *Dinocampus*)

tuberculus Zaykov, 1981; synonymy by Haeselbarth (1999)

Distribution: England, Ireland

Genus *Rilipertus* Haeselbarth, 1996

***Rilipertus intricatus* (Ruthe, 1859)**

Nomenclature:

Microctonus intricatus Ruthe, 1859

borealis (Thomson, 1892, *Perilitus*); synonymy by Haeselbarth (1996)

Distribution: Scotland, Ireland

Genus *Spathicopis* van Achterberg, 1977

***flavocephala* van Achterberg, 1977**

Distribution: England

Notes: NMS, det. van Achterberg, added here

Tribe Pygostolini Belokobylskij, 2000

Genus *Pygostolus* Haliday, 1833

Notes: Distribution data from Achterberg (1992a) and BMNH.

***Pygostolus falcatus* (Nees, 1834)**

Nomenclature:

Leiophron falcatus Nees, 1834

testaceus misident.

Distribution: England, Ireland

***Pygostolus multiarticulatus* (Ratzeburg, 1852)**

Nomenclature:

Blacus multiarticulatus Ratzeburg, 1852

falcatus (Wesmael, 1838, *Blacus*) preocc.

Distribution: England

Pygostolus otiorhynchi* (Boudier, 1834)*Nomenclature:**

Bracon otiorhynchi Boudier, 1834

Distribution: England, Scotland

Notes: Achterberg (1992a) separated *otiorhynchi* from *falcatus* but Belokobylskij et al. (2003), without comment, treated the two names as synonymous again. This is not followed here as *otiorhynchi* and *falcatus* seem to be distinct species.

Pygostolus sticticus* (Fabricius, 1798)*Nomenclature:**

Ichneumon sticticus Fabricius, 1798

testaceus (Fallén, 1813, *Bassus*) preocc.

sticticator (Thunberg, 1824, *Ichneumon*)

barynoti (Boudier, 1834, *Bracon*)

gigas (Wesmael, 1835, *Blacus*)

Distribution: England, Scotland, Ireland, Isle of Man

Tribe Syntretini Shaw, 1985**Genus *Syntretus* Förster, 1863****Nomenclature:**

FALCOSYNTRETUS Tobias, 1965

PARASYNTRETUS Belokobylskij, 1993

Notes: Distribution and synonymic data from Achterberg and Haeselbarth (2003).

Species of *Syntretus* excluded from the British and Irish list:

[*parvicornis* (Ruthe, 1862, *Microctonus*)] Not listed as British or Irish by Achterberg and Haeselbarth (2003).

***Syntretus breviradialis* van Achterberg & Haeselbarth, 2003**

Distribution: England

Notes: added by Broad (2009)

Syntretus conterminus* (Nees, 1834)*Nomenclature:**

Perilitus conterminus Nees, 1834

Distribution: England, Scotland, Ireland

Syntretus elegans* (Ruthe, 1856)*Nomenclature:**

Microctonus elegans Ruthe, 1856

transsylvanicus (Kiss, 1927, *Perilitus*)

Distribution: Ireland

Notes: added by Achterberg and Haeselbarth (2003)

***Syntretus flevo* van Achterberg & Haeselbarth, 2003**

Distribution: England, Ireland

Notes: added by Achterberg and Haeselbarth (2003)

***Syntretus fuscicoxis* van Achterberg & Haeselbarth, 2003**

Distribution: England, Ireland

Notes: added by Achterberg and Haeselbarth (2003)

***Syntretus fuscivalvis* van Achterberg & Haeselbarth, 2003**

Distribution: England, Scotland, Ireland

Notes: added by Achterberg and Haeselbarth (2003)

Syntretus idalius* (Haliday, 1833)*Nomenclature:**

Perilitus idalius Haliday, 1833

vernalis (Wesmael, 1835, *Microctonus*)

cultus (Marshall, 1887, *Microctonus*)

Distribution: England, Scotland, Ireland

***Syntretus ocellaris* van Achterberg & Haeselbarth, 2003**

Distribution: England, Wales, Scotland

Notes: added by Achterberg and Haeselbarth (2003)

***Syntretus politus* (Ruthe, 1856)**

Nomenclature:

Microctonus politus Ruthe, 1856

cynthius (Curtis, 1837, *Microctonus*) nom. nud.

cynthius Lyle, 1927

Distribution: England, Ireland

***Syntretus pusio* (Marshall, 1898)**

Nomenclature:

Microctonus pusio Marshall, 1898

Distribution: England, Ireland

***Syntretus splendidus* (Marshall, 1887)**

Nomenclature:

Microctonus splendidus Marshall, 1887

testaceus (Capron, 1887, *Microctonus*)

suffolciensis (Morley, 1933, *Dyscritus*) **new synonymy**

niger Tobias, 1976

Distribution: England, Scotland, Ireland

Notes: The female holotype of *Dyscritus suffolciensis* Morley in BMNH, described as an aphidiine, has remained uninterpreted, although Starý (1959) recognised that it is a euphorine. It is a normal specimen of *Syntretus splendidus*.

***Syntretus taegeri* van Achterberg & Haeselbarth, 2003**

Distribution: England

Notes: added by Achterberg and Haeselbarth (2003)

Syntretus xanthocephalus* (Marshall, 1887)*Nomenclature:**

Microctonus xanthocephalus Marshall, 1887
tempestivus (Curtis, 1837, *Microctonus*) nom. nud.
lyctaea Cole, 1959
lyctae misspelling

Distribution: England, Scotland, Ireland

***Syntretus zuijleni* van Achterberg & Haeselbarth, 2003**

Distribution: England, Scotland, Ireland

Notes: added by Achterberg and Haeselbarth (2003)

Tribe Townesilitini Shaw, 1985**Genus *Streblocera* Westwood, 1833**

Notes: *Cosmophoridia* Hedqvist, 1955 and *Eutanycerus*, usually considered synonymous with *Streblocera*, were regarded as valid subgenera by Chen and Achterberg (1997).

Subgenus *Streblocera* Westwood, 1833**Nomenclature:**

LECYTHODELLA Enderlein, 1912

***Streblocera (Streblocera) fulviceps* Westwood, 1833**

Distribution: England

***Streblocera (Streblocera) longiscapha* Westwood, 1882**

Distribution: England

Subgenus *Eutanycerus* Förster, 1863**Nomenclature:**

VILLOCERA Chen & van Achterberg, 1997; synonymy by Belokobylskij (2000a)

Streblocera (Eutanycerus) macroscapa* (Ruthe, 1856)*Nomenclature:**

Microctonus macroscapus Ruthe, 1856

halidayana (Förster, 1863, *Eutanycerus*)

Distribution: England

Genus *Townesilitus* Haeselbarth & Loan, 1983***Townesilitus aemulus* (Ruthe, 1856)****Nomenclature:**

Microctonus aemulus Ruthe, 1856

punctifrontis (Watanabe, 1955, *Microctonus*)

Distribution: England, Wales, Ireland

Notes: added by Haeselbarth (1988)

Townesilitus bicolor* (Wesmael, 1835)*Nomenclature:**

Microctonus bicolor Wesmael, 1835

breviradialis (Tobias, 1976, *Microctonus*)

Distribution: England, Wales, Ireland

Townesilitus deceptor* (Wesmael, 1835)*Nomenclature:**

Microctonus deceptor Wesmael, 1835

Distribution: England, Scotland, Ireland

Notes: added by Haeselbarth (1988)

Townesilitus fulviceps* (Ruthe, 1856)*Nomenclature:**

Microctonus fulviceps Ruthe, 1856

Distribution: England

Notes: added by Haeselbarth (1988)

Exothecinae

Subfamily Exothecinae Förster, 1863

Nomenclature:

PHANOMERINAE Fahringer, 1928

Genus *Colastes* Haliday, 1833

Notes: Belokobylskij (1998) treats *Shawiana* and *Xenarcha* as subgenera of *Colastes*.

Subgenus *Colastes* Haliday, 1833

Nomenclature:

EXOTHECUS Wesmael, 1838

PHANOMERIS Förster, 1863

PHAENOMERIS Dalla Torre, 1898

Colastes (Colastes) affinis (Wesmael, 1838)

Nomenclature:

Exotheucus affinis Wesmael, 1838

Distribution: England, Scotland, Wales

Notes: NMS, det. Shaw & van Achterberg, added here; treated as a species of *Colastes (Xenarcha)* by Belokobylskij (1998).

Colastes (Colastes) braconius Haliday, 1833

Nomenclature:

debilis (Wesmael, 1838, *Exotheucus*)

gracilis Papp, 1975

Distribution: England, Scotland, Wales, Ireland

Notes: some distribution data from Shaw and Askew (1976)

Colastes (Colastes) fragilis (Haliday, 1836)

Nomenclature:

Rogas fragilis Haliday, 1836

semeyticus Jakimavičius, 1969

Distribution: England, Scotland

***Colastes (Colastes) incertus* (Wesmael, 1838)**

Nomenclature:

Exotheucus incertus Wesmael, 1838

Distribution: England, Scotland

***Colastes (Colastes) magdalenae* Sterzynski, 1983**

Distribution: England

Notes: NMS, det. Shaw & van Achterberg, added on Fauna Europaea

***Colastes (Colastes) pubicornis* (Thomson, 1892)**

Nomenclature:

Exotheucus pubicornis Thomson, 1892

Distribution: England, Scotland

Notes: added by Godfray and McGavin (1985)

***Colastes (Colastes) vividus* Papp, 1975**

Distribution: England

Notes: NMS, det. Shaw, added here

Subgenus *Fungivenator* van Achterberg & Shaw, 2008

***Colastes (Fungivenator) sandei* van Achterberg & Shaw, 2008**

Distribution: England

Notes: added by van Achterberg and Shaw (2008)

Genus *Shawiana* van Achterberg, 1983

Nomenclature:

PHANOMERIS misident.

Shawiana catenator* (Haliday, 1836)*Nomenclature:**

Rogas catenator Haliday, 1836

Distribution: England, Scotland, Wales

Notes: some distribution data from Shaw and Askew (1976)

Shawiana laevis* (Thomson, 1892)*Nomenclature:**

Exotheucus laevis Thomson, 1892

rugulosus (Hellén, 1959, *Colastes*)

Distribution: England

Notes: NMS, det. Shaw, added on Fauna Europaea

Genus *Xenarcha* Förster, 1863**Nomenclature:**

ZAMEGASPILUS Ashmead, 1900

Xenarcha abnormis* (Wesmael, 1838)*Nomenclature:**

Exotheucus abnormis Wesmael, 1838

glabricollis (Thomson, 1892, *Exotheucus*)

Distribution: England, Scotland, Wales

Notes: NMS, det. Shaw, added on Fauna Europaea

Xenarcha lustrator* (Haliday, 1836)*Nomenclature:**

Rogas lustrator Haliday, 1836

dimidiatus (Nees, 1834, *Bracon*) preocc.

lustratrix Schulz, 1906

thomsoni (Szépligeti, 1906, *Phanomeris*)

Distribution: England, Wales, Ireland

Gnamptodontinae

Subfamily Gnamptodontinae Fischer, 1970

Nomenclature:

GNAPTODONTINAE misspelling

GNAPTOGASTRINAE Tobias, 1976

Genus *Gnamptodon* Haliday, 1836

Nomenclature:

GNAPTODON Haliday, 1837 suppressed

DIRAPHUS Wesmael, 1838

MESOTAGES Förster, 1863

Gnamptodon decoris (Förster, 1863)

Nomenclature:

Mesotages decoris Förster, 1863

klemensiewiczii Niezabitowski, 1910

bachmaieri Fischer, 1957

Distribution: England, Wales

Notes: NMS, det. Shaw, added on Fauna Europaea

Gnamptodon pumilio (Nees, 1834)

Nomenclature:

Bracon pumilio Nees, 1834

pygmaeus (Wesmael, 1838, *Diraphus*)

Distribution: England, Scotland, Ireland

Notes: some distribution data from Shaw and Askew (1976)

Helconinae

Subfamily Helconinae Förster, 1863

Notes: The Diospilini were removed to the Brachistinae by Sharanowski et al. (2011).

Tribe Helconini Förster, 1863

Notes: Much distribution and taxonomic data from Achterberg (1987).

Genus *Helcon* Nees, 1814

Nomenclature:

GYMNOSCELUS Förster, 1863

EDYIA Cameron, 1905

COELOSTEPHANUS Kieffer, 1911

Helcon claviventris Wesmael, 1835

Distribution: England

Notes: added by Achterberg (1987)

Helcon tardator Nees, 1812

Nomenclature:

?*adulterator* (Villers, 1789, *Ichneumon*)

Distribution: England

Genus *Helconidea* Viereck, 1914

Helconidea dentator (Fabricius, 1804)

Nomenclature:

Pimpla dentator Fabricius, 1804

aequator (Nees, 1812, *Helcon*)

tentator (Thunberg, 1824, *Ichneumon*) preocc.

rugator (Ratzeburg, 1848, *Helcon*)

armator (Marshall, 1898, *Helcon*)

dentatrix (Schulz, 1906, *Pimpla*)

Distribution: England

Notes: *Helconidea armator* (Marshall, 1898, *Helcon*) removed from synonymy by Achterberg (2014).

***Helconidea ruspator* (Linnaeus, 1758)**

Nomenclature:

Ichneumon ruspator Linnaeus, 1758

dentator (Nees, 1812, *Helcon*) preocc.

Distribution: England

Genus *Wroughtonia* Cameron, 1899

Nomenclature:

DUPORTIA Kieffer, 1921

***Wroughtonia spinator* (Lepeletier, 1825)**

Nomenclature:

Helcon spinator Lepeletier, 1825

annulicornis (Nees, 1834, *Helcon*)

Distribution: England

Homolobinae

Subfamily Homolobinae van Achterberg, 1979

Genus *Homolobus* Förster, 1863

Nomenclature:

ZELE misident.

Notes: Shaw (2010) summarises the taxonomy and biology of British and Irish species, including some distribution data.

Subgenus *Apatia* Enderlein, 1920

Homolobus (Apatia) truncator (Say, 1828)

Nomenclature:

- Bracon truncator* Say, 1828
- calcarator* (Wesmael, 1835, *Phylax*)
- melleus* (Cresson, 1872, *Phylax*)
- crassicalcaratus* (Viereck, 1905, *ZeZe*)
- calcaratrix* (Schulz, 1906, *ZeZe*)
- fuscitarsis* (Bengtsson, 1918, *Phylacter*)
- simillimus* (Enderlein, 1920, *Apatia*)
- unicolor* (Enderlein, 1920, *ZeZe*)
- chlorophthalmus* (Nixon, 1938, *ZeZe*)

Distribution: England

Notes: Nixon's description of *ZeZe chlorophthalmus* validated the use of the name for this taxon; *chlorophthalmus* of authors is a misidentification (*Bracon chlorophthalmus* Spinola, 1808 is actually a species of the true *ZeZe*).

Subgenus *Chartolobus* van Achterberg, 1979

Homolobus (Chartolobus) infumator (Lyle, 1914)

Nomenclature:

- ZeZe infumator* Lyle, 1914
- wesmaeli* (Bengtsson, 1918, *Phylacter*)
- japonicus* (Watanabe, 1932, *ZeZe*)

Distribution: England, Scotland, Wales, Ireland

Subgenus *Homolobus* Förster, 1863

Homolobus (Homolobus) discolor (Wesmael, 1835)

Nomenclature:

- Phylax discolor* Wesmael, 1835
- pectoralis* (Herrich-Schäffer, 1838, *Rogas*); synonymy by Achterberg (1992b)

Distribution: England, Wales, Ireland

Subgenus *Oulophus* van Achterberg, 1979***Homolobus (Oulophus) flagitator* (Curtis, 1837)****Nomenclature:***Zelev flagitator* Curtis, 1837*geminator* (Lyle, 1914, *Zelev*)**Distribution:** England, Scotland, Wales, Ireland**Subgenus *Phylacter* Reinhard, 1863*****Homolobus (Phylacter) annulicornis* (Nees, 1834)****Nomenclature:***Rogas annulicornis* Nees, 1834*testaceator* misident.*simplex* (Herrich-Schäffer, 1838, *Rogas*); synonymy by Achterberg (1992b)**Distribution:** England, Scotland, Ireland**Hormiinae****Subfamily Hormiinae Förster, 1863****Genus *Hormius* Nees, 1818****Nomenclature:***CHLIDONIA* Herrich-Schäffer, 1838*HORMIELLUS* Enderlein, 1912*MEDIELLA* Hedqvist, 1963*ANHORMIUS* Belokobylskij, 1989***Hormius maderae* Graham, 1986****Distribution:** England**Notes:** NMS, det. Shaw & van Achterberg, added on Fauna Europaea

Hormius moniliatus* (Nees, 1811)*Nomenclature:**

Bracon moniliatus Nees, 1811

brevipennis Hellén, 1957

dusmeti (Docavo Alberti, 1960, *Hormiopterus*)

insularis Hedqvist, 1965

coniceps Hellén, 1957

Distribution: England, Ireland, Isle of Man

***Hormius piciventris* Wesmael, 1838**

Distribution: England, Scotland, Wales, Ireland, Isle of Man

Notes: NMS, det. Shaw & van Achterberg, added on Fauna Europaea. Considered here to be a valid species; van Achterberg (in Belokobylskij et al. 2003) considered that *piciventris* may be a distinct species but it is listed as a synonym of *moniliatus* in Taxapad (Yu et al. 2012).

Ichneutinae**Subfamily Ichneutinae Förster, 1863****Tribe Ichneutini Förster, 1863****Genus *Ichneutes* Nees, 1814*****Ichneutes brevis* Wesmael, 1835**

Distribution: England, Ireland

Ichneutes reunitor* Nees, 1816*Nomenclature:**

costatus (Zetterstedt, 1838, *Microgaster*)

laeviventris Hellén, 1958

leptostigma Hellén, 1958

Distribution: England, Ireland

Tribe Proteropini van Achterberg, 1976**Genus *Proterops* Wesmael, 1835****Nomenclature:***ICHNEUTIDEA* Ashmead, 1900*PROTEROPOIDES* Viereck, 1909***Proterops nigripennis* Wesmael, 1835****Distribution:** England, Scotland, Ireland**Macrocentrinae****Subfamily Macrocentrinae Förster, 1863****Genus *Austrozele* Roman, 1910****Nomenclature:***PANISCOZELE* Enderlein, 1920*PALINZELE* Brues, 1922*LAEVIS* Sharma, 1982***Austrozele longipalpis* van Achterberg, 1993****Distribution:** England**Notes:** added by Achterberg (1993a)**Genus *Macrocentrus* Curtis, 1833****Nomenclature:***AMICROPLUS* Förster, 1863*AMICROPLITES* Dalla Torre, 1898*FHOGRA* Cameron, 1901*LEPTOZELE* Cameron, 1910*METAPLEURODON* Enderlein, 1920*PSEUDOPHYLACTER* Fahringer, 1929**Notes:** Distribution data from Eady and Clark (1964) and Achterberg and Haeselbarth (1983).

Macrocentrus bicolor* Curtis, 1833*Nomenclature:**

limbator (Ratzeburg, 1848, *Rogas*)

gracilipes Telenga, 1935

Distribution: England, Scotland, Wales, Ireland, Isle of Man

Notes: Achterberg and Haeselbarth (1983) and Achterberg (1993a) treat *gracilipes* as a synonym of *bicolor* but Belokobylskij et al. (2003) list it as a synonym of *thoracicus*.

***Macrocentrus blandus* Eady and Clark, 1964**

Distribution: England, Scotland, Ireland

Macrocentrus cingulum* Brischke, 1882*Nomenclature:**

grandii Goidanich, 1937

gifuensis misident.

Distribution: England

Macrocentrus collaris* (Spinola, 1808)*Nomenclature:**

Bracon collaris Spinola, 1808

ebeninus (Nees, 1834, *Bracon*)

dubius (Wesmael, 1835, *Eubadizon*)

picipes (Haliday, 1835, *Helcon*)

dispar (Kollar, 1852, *Bracon*) preocc.

kollari (Rondani, 1877, *Bracon*); synonymy by Papp (1996b)

affinis Hedwig, 1961

affiniqades Shenefelt, 1969

Distribution: England, Ireland

***Macrocentrus equalis* Lyle, 1914**

Distribution: England

Macrocentrus infirmus* (Nees, 1834)*Nomenclature:**

Rogas infirmus Nees, 1834

Distribution: England, Scotland, Ireland, Isle of Man

Macrocentrus linearis* (Nees, 1812)*Nomenclature:**

Bracon linearis Nees, 1812

abdominalis (Fabricius, 1793, *Ichneumon*) preocc.

abdominator (Thunberg, 1824, *Ichneumon*)

fissura (Thunberg, 1824, *Ichneumon*)

pallidator (Zetterstedt, 1838, *Bracon*) preocc.

tenuis (Ratzeburg, 1848, *Rogas*)

iridescens French, 1880

gifuensis Ashmead, 1906

amicroploides Viereck, 1912

pallidatorius (Fahringer, 1928, *Bracon*)

Distribution: England, Scotland, Ireland, Isle of Man

Macrocentrus marginator* (Nees, 1811)*Nomenclature:**

Bracon marginator Nees, 1811

rugator (Ratzeburg, 1848, *Rogas*)

Distribution: England, Scotland, Ireland

Notes: The North American *Macrocentrus aegeriae* Rohwer, 1915 was removed from synonymy by Achterberg and Haeselbarth (1983).

Macrocentrus nidulator* (Nees, 1834)*Nomenclature:**

Rogas nidulator Nees, 1834

longicaudis (Herrich-Schäffer, 1838, *Rogas*)

procerus Costa, 1884

curticaudis Telenga, 1950

Distribution: England, Scotland, Wales, Ireland

***Macrocentrus nitidus* (Wesmael, 1835)**

Nomenclature:

Rogas nitidus Wesmael, 1835

Distribution: England, Scotland

***Macrocentrus pallipes* (Nees, 1811)**

Nomenclature:

Bracon pallipes Nees, 1811

pallidipes Dalla Torre, 1898

Distribution: England

***Macrocentrus resinellae* (Linnaeus, 1758)**

Nomenclature:

Ichneumon resinellae Linnaeus, 1758

resinator (Thunberg, 1824, *Ichneumon*) unavailable

flavipes (Ratzeburg, 1844, *Rogas*)

interstitialis (Ratzeburg, 1844, *Rogas*)

obscurator (Ratzeburg, 1848, *Rogas*)

intricator (Ratzeburg, 1852, *Helcon*)

punctifrons Thomson, 1895

sublaevis Thomson, 1895

Distribution: England, Scotland

***Macrocentrus sylvestrellae* van Achterberg, 2001**

Distribution: England

Notes: NMS, det. Shaw, added here

***Macrocentrus thoracicus* (Nees, 1811)**

Nomenclature:

Bracon thoracicus Nees, 1811

longicornis (Wesmael, 1835, *Rogas*)

Distribution: England, Wales

***Macrocentrus townesi* van Achterberg & Haeselbarth, 1983**

Distribution: England, Scotland, Ireland

Notes: added by Achterberg and Haeselbarth (1983)

Meteorinae

Subfamily Meteorinae Cresson, 1887

Nomenclature:

ZELINAE Ashmead, 1900

ZEMIOTINAE van Achterberg, 1976

Notes: Stigenberg et al. (2015) included the meteorines as a basal tribe of Euphorinae, rather than as a separate subfamily, as was the preference of many authors, for example, Shaw and Huddleston (1991). In light of their very different developmental biology (parasitoids of larval Lepidoptera and Coleoptera as opposed to parasitising adult insects) and sister-group position to the euphorines, we retain the subfamily rank for Meteorinae.

Genus *Meteorus* Haliday, 1835

Nomenclature:

SAPROTICHUS Holmgren, 1868

PACHYTHECUS Cameron, 1912 preocc.

Notes: Distribution and synonymic data from Huddleston (1980), Stigenberg and Ronquist (2011) and Stigenberg & Shaw (2013), except where noted. Taxonomy follows Stigenberg and Ronquist (2011).

Species of *Meteorus* excluded from the British and Irish list:

[*flaviceps* (Ratzeburg, 1844, *Perilitus*) nom. dub.]

***Meteorus abdominalator* (Nees, 1811)**

Nomenclature:

Perilitus abdominalator Nees, 1811

brunnipes (Ruthe, 1862, *Perilitus*)

bruneipes Dalla Torre, 1898

brevipesalis Shenefelt, 1969

?*delator* (Haliday, 1835, *Perilitus*); synonymy by Achterberg (1997)

Distribution: England, Scotland, Wales, Ireland

***Meteorus abscissus* Thomson, 1895**

Distribution: England, Scotland, Ireland

***Meteorus affinis* (Wesmael, 1835)**

Nomenclature:

Perilitus affinis Wesmael, 1835

gracilis Ruthe, 1862 preocc.

punctiventris Ruthe, 1862

ruthei Schmiedeknecht, 1897

voloscensis Fischer, 1959

Distribution: England, Scotland, Wales, Ireland

***Meteorus alborossicus* Lobodenko, 2000**

Distribution: England

Notes: added by Stigenberg and Ronquist (2011)

***Meteorus brevicauda* Thomson, 1895**

Nomenclature:

thuringiacus Schmiedeknecht, 1897

mongolicus Fahringer, 1935

Distribution: England

Notes: Listed by Huddleston (1978) but Huddleston (1980) could not find any British or Irish material. Shaw (1988b) subsequently recorded it as a British species.

***Meteorus cespitator* (Thunberg, 1824)**

Nomenclature:

Ichneumon cespitator Thunberg, 1824

atrator (Curtis, 1832, *Zele*)

similator (Nees, 1834, *Perilitus*)

microcerus (Wesmael, 1835, *Perilitus*)

humeralis (Zetterstedt, 1838, *Bracon*)

rufipes (Zetterstedt, 1838, *Bracon*)

ambiguus Ruthe, 1862

Distribution: England, Scotland, Wales, Ireland

***Meteorus cinctellus* (Spinola, 1808)**

Nomenclature:

Bracon cinctellus Spinola, 1808

fuscipes (Wesmael, 1835, *Perilitus*)

Distribution: England, Scotland, Wales

Notes: This has recently been identified as *Meteorus necator* (e.g. Belokobylskij et al. 2003) but, according to Stigenberg and Ronquist (2011), *Ichneumon necator* Fabricius, 1777, is actually a species of Microgastrinae.

***Meteorus cis* (Bouché, 1834)**

Nomenclature:

Bracon cis Bouché, 1834

profligator (Haliday, 1835, *Perilitus*); synonymy by van Achterberg in Belokobylskij et al. (2003)

Distribution: England, Scotland, Wales, Ireland

***Meteorus colon* (Haliday, 1835)**

Nomenclature:

Perilitus colon Haliday, 1835

fragilis (Wesmael, 1835, *Perilitus*)

fasciatus (Ratzeburg, 1844, *Perilitus*)

alternatus Ruthe, 1862

continuus Ruthe, 1862

luridus Ruthe, 1862

pallidus Ruthe, 1862

trivittatus Ruthe, 1862

Distribution: England, Scotland, Wales, Ireland

Meteorus consimilis* (Nees, 1834)*Nomenclature:**

Perilitus consimilis Nees, 1834

brevipes (Wesmael, 1835, *Perilitus*)

albicornis Ruthe, 1862

flagellatus Alexeev, 1971

Distribution: England, Ireland

***Meteorus eadyi* Huddleston, 1980**

Distribution: England, Wales

Notes: added by Huddleston (1980)

***Meteorus eklundi* Stigenberg, 2011**

Distribution: England

Notes: added by Stigenberg and Ronquist (2011)

Meteorus filator* (Haliday, 1835)*Nomenclature:**

Perilitus filator Haliday, 1835

laticeps (Wesmael, 1835, *Perilitus*)

hodisensis Fischer, 1970

Distribution: England, Scotland, Ireland

***Meteorus heliophilus* Fischer, 1970**

Distribution: England

Notes: added by Huddleston (1980)

***Meteorus hirsutipes* Huddleston, 1980**

Distribution: England, Ireland

Notes: added by Huddleston (1980)

Meteorus ictericus* (Nees, 1811)*Nomenclature:**

Bracon ictericus Nees, 1811
minutor (Thunberg, 1824, *Ichneumon*)
lucidator (Trentepohl, 1829, *Bracon*)
ephippium (Curtis, 1832, *Zele*)
xanthomelas (Wesmael, 1835, *Perilitus*)
rubriceps (Ratzeburg, 1844, *Perilitus*)
confinis Ruthe, 1862
consors Ruthe, 1862
fallax Ruthe, 1862
liquis Ruthe, 1862
pleuralis Ruthe, 1862
crassicrus Thomson, 1895
lophyriphagus Fahringer, 1934
dumbletoni Muesebeck, 1939
adoxophyesi Minamikawa, 1954
makinoharanus Minamikawa, 1954

Distribution: England, Scotland, Wales, Ireland, Isle of Man

Meteorus jaculator* (Haliday, 1835)*Nomenclature:**

Perilitus jaculator Haliday, 1835
obscurellus Ruthe, 1862
tenuicornis Thomson, 1895
turcicus Fahringer, 1944

Distribution: England, Scotland, Wales, Ireland

***Meteorus limbatus* Maeto, 1989**

Distribution: England, Scotland

Notes: added by Stigenberg and Ronquist (2011)

Meteorus lionotus* Thomson, 1895*Nomenclature:***ruficoloratus* Fischer, 1957**Distribution:** England, Scotland**Notes:** added by Huddleston (1980)***Meteorus longipilosus* Stigenberg, 2011****Distribution:** England, Wales**Notes:** added by Stigenberg and Shaw (2013)***Meteorus melanostictus* Capron, 1887****Nomenclature:***niger* Lyle, 1913*monachae* Tobias, 1986; synonymy by Belokobylskij (2000b)**Distribution:** England***Meteorus micropterus* (Haliday, 1835)****Nomenclature:***Perilitus micropterus* Haliday, 1835**Distribution:** England, Scotland, Wales, Ireland***Meteorus obfuscatus* (Nees, 1811)****Nomenclature:***Bracon obfuscatus* Nees, 1811*thoracicus* (Curtis, 1832, *ZeZe*)*formosus* (Wesmael, 1835, *Perilitus*)*orchesia* (Boie, 1841, *Alysia*)*fodori* Papp, 1973**Distribution:** England***Meteorus obsoletus* (Wesmael, 1835)****Nomenclature:***Perilitus obsoletus* Wesmael, 1835

viridanae Johansson, 1964

Distribution: England, Scotland, Ireland

Notes: added by Huddleston (1980)

***Meteorus oculatus* Ruthe, 1862**

Distribution: Scotland

Notes: added by Stigenberg and Shaw (2013)

***Meteorus pendulus* (Müller, 1776)**

Nomenclature:

Ichneumon pendulus Müller, 1776

pendulator (Latreille, 1799, *Ichneumon*)

gyrator (Thunberg, 1824, *Ichneumon*); synonymy by van Achterberg in Belokobylskij et al. (2003)

ochraceator (Curtis, 1832, *Zelee*) nom. nud.

scutellator (Nees, 1834, *Perilitus*)

petiolator (Zetterstedt, 1838, *Bracon*)

parvulus Thomson, 1895

Distribution: England, Scotland, Wales, Ireland

***Meteorus pulchricornis* (Wesmael, 1835)**

Nomenclature:

Perilitus pulchricornis Wesmael, 1835

striatus Thomson, 1895

thomsoni Marshall, 1899

japonicus Ashmead, 1906

nipponensis Viereck, 1912

baicalensis Telenga, 1950

graeffei Fischer, 1957

macedonicus Fischer, 1957

tuberculifer Fischer, 1957

Distribution: England, Scotland, Wales, Ireland

Notes: added by Huddleston (1980)

***Meteorus rubens* (Nees, 1811)**

Nomenclature:

Bracon rubens Nees, 1811

leviventris (Wesmael, 1835, *Perilitus*)

islandicus Ruthe, 1859

medianus Ruthe, 1862

vulgaris (Cresson, 1872, *Perilitus*)

dejanus (Rondani, 1877, *Perilitus*); synonymy by Papp (1996b)

scutatus Costa, 1884

coquilleti Ashmead, 1889

heteroneurus Thomson, 1895

mellinervis Viereck, 1903

mamestrae Viereck, 1913

szechuanensis Fahringer, 1935

mesopotamicus Fischer, 1957

Distribution: England, Scotland, Wales, Ireland, Isle of Man

***Meteorus ruficeps* Nees, 1834**

Nomenclature:

pallipes (Wesmael, 1835, *Perilitus*)

nigritarsis Ruthe, 1862

pallidipes Marshall, 1887

Distribution: England, Scotland, Ireland, Isle of Man

***Meteorus rufus* (DeGeer, 1773)**

Nomenclature:

Ichneumon rufus DeGeer, 1773

rufus (Retzius, 1783, *Ichneumon*) preocc.

unicolor (Wesmael, 1835, *Perilitus*); synonymy by van Achterberg in Belokobylskij et al. (2003)

chinensis (Holmgren, 1868, *Saprotychus*)

Distribution: England, Wales

***Meteorus sibyllae* Stigenberg, 2011**

Distribution: England, Scotland

Notes: added by Stigenberg and Shaw (2013)

***Meteorus sulcatus* Szépligeti, 1896**

Nomenclature:

insignis Muesebeck, 1939

molorchi Fischer, 1966

Distribution: England

***Meteorus tabidus* (Wesmael, 1835)**

Nomenclature:

Perilitus tabidus Wesmael, 1835

dubius Ruthe, 1862

facialis Ruthe, 1862

pentheri Fischer, 1970

Distribution: England, Scotland, Ireland

***Meteorus tenellus* Marshall, 1887**

Nomenclature:

boreus Tobias, 1986

Distribution: Scotland

Notes: Added by Stigenberg and Shaw (2013). Separated from *cinctellus* by Stigenberg and Ronquist (2011); Marshall (1887) gave no locality data so the first documented British occurrence was published by Stigenberg and Shaw (2013).

***Meteorus versicolor* (Wesmael, 1835)**

Nomenclature:

Perilitus versicolor Wesmael, 1835

bimaculatus (Wesmael, 1835, *Perilitus*)

unicolor (Hartig, 1838, *Perilitus*) preocc.

brevicornis (Ratzeburg, 1844, *Perilitus*) preocc.

rugator (Ratzeburg, 1852, *Perilitus*)

decoloratus Ruthe, 1862

ikonomovi Fischer, 1959

hartigi Shenefelt, 1969

Distribution: England, Scotland, Wales, Ireland

***Meteorus vexator* (Haliday, 1835)**

Nomenclature:

Perilitus vexator Haliday, 1835

Distribution: England, Scotland, Ireland

Genus *Zele* Curtis, 1832

Nomenclature:

PROTELUS Förster, 1863

SEMIOTES Förster, 1863

Notes: Synonymic and some distribution data from Achterberg (1979), Achterberg (1984b) and Stigenberg and Shaw (2013). *Zele longicauda* Curtis, 1832 is apparently a synonym of a species of *Eubazus* (van Achterberg, pers. comm.).

species of *Zele* excluded from the British and Irish list:

[*annulicrus* (Thomson, 1895, *Meteorus*)] Included in Huddleston's (Huddleston 1978) checklist but we can trace no specimens or literature citations.

***Zele albiditarsus* Curtis, 1832**

Nomenclature:

testaceator Curtis, 1832

albitarsis (Nees, 1834, *Perilitus*)

dispar (Wesmael, 1835, *Perilitus*)

calcitrator (Curtis, 1837, *Meteorus*)

wesmaeli (Boie, 1850, *Perilitus*)

testaceatrix Schulz, 1906

Distribution: England, Scotland, Wales, Ireland

Zele caligatus* (Haliday, 1835)*Nomenclature:**

Meteorus caligatus Haliday, 1835
neesii (Ruthe, 1862, *Meteorus*)
alaskensis (Ashmead, 1902, *Dyscoletes*)
sibiricus (Fahringer, 1930, *Meteorus*)

Distribution: England, Scotland, Wales, Ireland

Zele chlorophthalmus* (Spinola, 1808)*Nomenclature:**

Bracon chlorophthalmus Spinola, 1808
chrysophthalmus (Nees, 1811, *Bracon*)
pallidus (Nees, 1811, *Bracon*); synonymy by Stigenberg and Ronquist (2011)
nudator (Thunberg, 1824, *Ichneumon*)
splendens (Costa, 1884, *Meteorus*)
nigricollis (Thomson, 1895, *Meteorus*)

Distribution: England, Scotland, Ireland

Zele deceptor* (Wesmael, 1835)*Nomenclature:**

Perilitus deceptor Wesmael, 1835
pallitarsis (Cresson, 1872, *Perilitus*)
rufulus (Thomson, 1895, *Meteorus*)
palliditarsis (Dalla Torre, 1898, *Meteorus*)
maximus (Muesebeck, 1923, *Meteorus*)
reticulatus (Muesebeck, 1923, *Meteorus*)
romani (Fahringer, 1930, *Meteorus*)
separandus (Fischer, 1957, *Meteorus*)
metallicus (Jakimavičius, 1972, *Apanteles*)

Distribution: England, Scotland, Wales, Ireland

Microgastrinae

Subfamily Microgastrinae Förster, 1863

Notes: The generic classification of Microgastrinae broadly follows Papp (1988), based on Mason's (Mason 1981) phylogenetic treatment of microgastrines that split up the large genus '*Apanteles*', which in turn built upon Nixon's (Nixon 1965) assignment of '*Apanteles*' into species groups. We do not follow van Achterberg's (Achterberg 2003c) recent generic revision (reflected in Fauna Europaea), which reassigned many genera to *Apanteles* and *Protapanteles*. We consider this reclassification to be premature, being based on very little explicit character evidence and, with its concentration on western Palaearctic species, not really addressing the affinities of most of the world's microgastrine species. However, there are undoubted merits to van Achterberg's treatment as not all of the genera currently employed are well-defined. The following genera are recognised as valid by van Achterberg (2003c): *Apanteles* (= *Choeras*, *Dolichogenidea*, *Iconella*, *Illidops*, *Pholetesor*), *Cotesia*, *Deuterixys*, *Diolcogaster*, *Hygropplitis*, *Microgaster*, *Microplitis*, *Paropplitis* and *Protapanteles* (= *Distatrix*, *Glyptapanteles*, *Rasivalva*, *Sathon*). Some distribution data taken from Nixon (1965), Nixon (1968), Nixon (1970), Nixon (1972), Nixon (1973), Nixon (1974), Nixon (1976), remainder from Shaw (2012) and NMS.

Tribe Apantelini Viereck, 1918

Genus *Apanteles* Förster, 1863

Nomenclature:

UROGASTER Ashmead, 1898

XESTAPANTELES Cameron, 1910

ALLAPANTELES Brèthes, 1915

AREOLATUS Rao & Chalikwar, 1976 unavailable

Notes: The generic placement of several species treated by Nixon (1973) in his *metacarpalis* group, here largely apportioned between *Apanteles* and *Dolichogenidea* following Papp (1988), is questionable (cf. Achterberg 2003c).

species of *Apanteles* excluded from the British and Irish list:

[*anomalon* (Curtis, 1830, *Microgaster*)] This name appeared in Huddleston (1978) but is not listed by Papp (1988) or Achterberg (2003c) and remains uninterpreted.

[*nigripes* (Ratzeburg, 1844, *Microgaster*)] This name appeared in Huddleston (1978) but is not listed by Papp (1988) or Achterberg (2003a).

[*picipes* (Bouché, 1834, *Microgaster*)] Papp (1987) intended to deal with this name, with a footnote in that paper saying that it would be dealt with under *A. xanthostigma*, but there is no mention there of *picipes*. It is presumed that the name *picipes* is a synonym or a nomen dubium; it is not listed as a valid species by Achterberg (2003c).

***Apanteles atreus* Nixon, 1973**

Distribution: England

***Apanteles brunnistigma* Abdinbekova, 1969**

Nomenclature:

sotades Nixon, 1976

Distribution: England, Scotland, Wales, Isle of Man

***Apanteles carpatus* (Say, 1836)**

Nomenclature:

Microgaster carpata Say, 1836

solitarius (Ashmead, 1900)

hawaiiensis (Ashmead, 1901)

fuscicornis (Cameron, 1910)

piceoventris Muesebeck, 1921

igae Watanabe, 1932

sarcitorius Telenga, 1955

ultericus Telenga, 1955

Distribution: England

***Apanteles chrysis* Nixon, 1973**

Distribution: England

***Apanteles contaminatus* (Haliday, 1834)**

Nomenclature:

Microgaster contaminatus Haliday, 1834

Distribution: Scotland, Ireland

Apanteles corvinus* Reinhard, 1880*Nomenclature:**

lucidus Szépligeti, 1896

rasteratus Fahringer, 1936

aptus Papp, 1977

Distribution: England, Scotland

***Apanteles galleriae* Wilkinson, 1932**

Distribution: England

Notes: added by Shaw (2012)

Apanteles lacteus* (Nees, 1834)*Nomenclature:**

Microgaster lacteus Nees, 1834

Distribution: England

Notes: We follow Mason (1981) in placing *lacteus* in *Apanteles* rather than Papp's (Papp 1988) placement in *Dolichogenidea*.

***Apanteles lenea* Nixon, 1976**

Distribution: England, Scotland, Ireland

Apanteles metacarpalis* (Thomson, 1895)*Nomenclature:**

Microgaster metacarpalis Thomson, 1895

Distribution: England, Ireland

***Apanteles miramis* Nixon, 1976**

Distribution: England

Apanteles obscurus* (Nees, 1834)*Nomenclature:**

Microgaster obscura Nees, 1834

arenarius (Haliday, 1834)

Distribution: England, Ireland

***Apanteles sodalis* (Haliday, 1834)**

Nomenclature:

Microgaster sodalis Haliday, 1834

carbonarius (Ratzeburg, 1848) preocc.

ater (Ratzeburg, 1852); synonymy by Achterberg (1997)

lugens (Ratzeburg, 1852)

lindbergi Hedqvist, 1965

Distribution: England

***Apanteles xanthostigma* (Haliday, 1834)**

Nomenclature:

Microgaster xanthostigma Haliday, 1834

ochrostigma (Wesmael, 1837)

xanthocarpus Szépligeti, 1901

Distribution: England, Scotland, Wales, Isle of Man

Genus *Choeras* Mason, 1981

***Choeras arene* (Nixon, 1973)**

Nomenclature:

Apanteles arene Nixon, 1973

Distribution: England, Scotland, Ireland

***Choeras dorsalis* (Spinola, 1808)**

Nomenclature:

Microgaster dorsalis Spinola, 1808

cruciatus (Ratzeburg, 1844)

suffolciensis (Morley, 1902)

Distribution: England, Wales

Choeras parasitellae* (Bouché, 1834)*Nomenclature:**

Microgaster parasitellae Bouché, 1834

adjuncta misident.

flavilabris (Ratzeburg, 1844)

rufilabris (Ratzeburg, 1844)

lictorius (Reinhard, 1880)

polypori (Gautier & Bonnamour, 1930)

Distribution: England, Scotland

Notes: Listed under *Apanteles* and *Microgaster* in Huddleston (1978).

Choeras ruficornis* (Nees, 1834)*Nomenclature:**

Microgaster ruficornis Nees, 1834

hedymeles (Nixon, 1973)

Distribution: England

Choeras tedellae* (Nixon, 1961)*Nomenclature:**

Apanteles tedellae Nixon, 1961

epinotiae (Fischer, 1962)

epinotocida (Fischer, 1966)

Distribution: England

Choeras tiro* (Reinhard, 1880)*Nomenclature:**

Microgaster tiro Reinhard, 1880

Distribution: England

Choeras validus* (Thomson, 1895)*Nomenclature:**

Apanteles validus Thomson, 1895

Distribution: England

Genus *Dolichogenidea* Viereck, 1911

Notes: species of *Dolichogenidea* excluded from the British and Irish list:

[*anarsiae* (Faure & Alabouvette, 1924, *Apanteles*)] Listed as a British species by Huddleston (1978) in error, there are no British records.

[*cerialis* (Nixon, 1976, *Apanteles*); syn. *areolaris* (Balevski & Tobias, 1980, *Apanteles*) preocc.] Listed as a British species by Huddleston (1978) in error, only known from southern and Eastern Europe and Israel.

[*ensiformis* (Ratzeburg, 1844, *Microgaster*)] Listed as a British species by Huddleston (1978) in error (see note under *Napamus vipio*).

[*evonymellae* (Bouché, 1834, *Microgaster*); syn. *iartbas* (Nixon, 1972, *Apanteles*)] Listed as a British species by Huddleston (1978) in error, there are no British records.

[*impura* (Nees, 1834, *Microgaster*)] Notwithstanding Papp (1978), we regard this name as uncertainly interpreted, but in any case we have not seen British material that conforms to Papp's interpretation.

Dolichogenidea agilla* (Nixon, 1972)*Nomenclature:**

Apanteles agilla Nixon, 1972

piratica (Papp, 1977)

Distribution: England

Notes: added by Shaw (2012)

Dolichogenidea annularis* (Haliday, 1834)*Nomenclature:**

Microgaster annularis Haliday, 1834

Distribution: England

Dolichogenidea appellator* (Telenga, 1949)*Nomenclature:**

Apanteles appellator Telenga, 1949

litae (Nixon, 1972)

Distribution: England

Notes: Added by Shaw (2012). Papp (1988) notes, but does not follow, the view that *appellator* may be the valid name (cf. Kotenko and Tobias 1986). Shaw (2012) has found that reared '*appellator*' and '*litae*' appear to be conspecific. The situation is complicated by Nixon's (Nixon 1972) treatment of some series (from a different host in Cyprus, and from Egypt) as '*litae* var *operculellae*', and it is this that Papp (1988) lists as a junior synonym of *appellator*.

***Dolichogenidea artissima* (Papp, 1971)**

Nomenclature:

Apanteles artissimus Papp, 1971

abila (Nixon, 1972)

Distribution: England, Scotland, Wales

***Dolichogenidea ate* (Nixon, 1973)**

Nomenclature:

Apanteles ate Nixon, 1973

Distribution: England

***Dolichogenidea bres* (Nixon, 1973)**

Nomenclature:

Apanteles bres Nixon, 1973

Distribution: England

***Dolichogenidea breviventris* (Ratzeburg, 1848)**

Nomenclature:

Microgaster breviventris Ratzeburg, 1848

mesoxantha (Ruschka, 1917)

nilae (Telenga, 1961)

Distribution: England, Scotland, Wales, Ireland

***Dolichogenidea britannica* (Wilkinson, 1941)**

Nomenclature:

Apanteles britannicus Wilkinson, 1941

Distribution: England

Dolichogenidea candidata* (Haliday, 1834)*Nomenclature:**

Microgaster candidatus Haliday, 1834

longicauda (Wesmael, 1837); synonymy by Achterberg (1997)

terebrator (Ratzeburg, 1852)

Distribution: England, Scotland, Wales, Isle of Man

Dolichogenidea coleophorae* (Wilkinson, 1938)*Nomenclature:**

Apanteles coleophorae Wilkinson, 1938

Distribution: England

Dolichogenidea coniferae* (Haliday, 1834)*Nomenclature:**

Microgaster coniferae Haliday, 1834

Distribution: England, Isle of Man

Notes: Revised status (Shaw 2012): inadvertently listed as a synonym of *candidata* by Achterberg (1997) due to a drafting error (van Achterberg, pers. comm.).

Dolichogenidea credne* (Nixon, 1973)*Nomenclature:**

Apanteles credne Nixon, 1973

Distribution: England

Dolichogenidea cytherea* (Nixon, 1972)*Nomenclature:**

Apanteles cytherea Nixon, 1972

Distribution: England

Dolichogenidea decora* (Haliday, 1834)*Nomenclature:**

Microgaster decorus Haliday, 1834

lineata (Reinhard, 1880)

sibirica Fahringer, 1938

Distribution: Ireland

***Dolichogenidea dilecta* (Haliday, 1834)**

Nomenclature:

Microgaster dilectus Haliday, 1834

femoralis (Bouché, 1834)

Distribution: England, Isle of Man

***Dolichogenidea drusilla* (Nixon, 1972)**

Nomenclature:

Apanteles drusilla Nixon, 1972

Distribution: England

***Dolichogenidea emarginata* (Nees, 1834)**

Nomenclature:

Microgaster emarginatus Nees, 1834

scapularis (Bouché, 1834)

Distribution: England, Scotland, Wales

***Dolichogenidea exilis* (Haliday, 1834)**

Nomenclature:

Microgaster exilis Haliday, 1834

Distribution: England

Notes: Shaw (2012) gives a diagnosis; not treated by Nixon or Papp.

***Dolichogenidea faucula* (Nixon, 1972)**

Nomenclature:

Apanteles faucula Nixon, 1972

Distribution: England

Dolichogenidea gagates* (Nees, 1834)*Nomenclature:**

Microgaster gagates Nees, 1834

Distribution: England

Dolichogenidea glabra* (Papp, 1978)*Nomenclature:**

Apanteles glaber Papp, 1978

Distribution: England, Scotland

Notes: added by Shaw (2012)

Dolichogenidea gracilariae* (Wilkinson, 1940)*Nomenclature:**

Apanteles gracilariae Wilkinson, 1940

Distribution: England, Isle of Man

Dolichogenidea halidayi* (Marshall, 1872)*Nomenclature:**

Apanteles halidayi Marshall, 1872

albipennis (Haliday, 1834) preocc.

halidaii misspelling

Distribution: England, Scotland, Isle of Man

Dolichogenidea hilaris* (Haliday, 1834)*Nomenclature:**

Microgaster hilaris Haliday, 1834

Distribution: Ireland

Dolichogenidea imperator* (Wilkinson, 1939)*Nomenclature:**

Apanteles imperator Wilkinson, 1939

Distribution: England, Scotland, Wales, Isle of Man

Dolichogenidea infima* (Haliday, 1834)*Nomenclature:**

Microgaster infimus Haliday, 1834

Distribution: England

Dolichogenidea lacteicolor* (Viereck, 1911)*Nomenclature:**

Apanteles lacteicolor Viereck, 1911

consersae (Fiske, 1911)

Distribution: England

Dolichogenidea lacteipennis* (Curtis, 1830)*Nomenclature:**

Microgaster lacteipennis Curtis, 1830

lissonota (Tobias, 1964)

Dolichogenidea laevigata* (Ratzeburg, 1848)*Nomenclature:**

Microgaster laevigatus Ratzeburg, 1848

hoplites (Ratzeburg, 1848)

calcarata (Ivanov, 1899)

Distribution: England, Scotland, Wales

Dolichogenidea laevigatoides* (Nixon, 1972)*Nomenclature:**

Apanteles laevigatoides Nixon, 1972

Distribution: England

Dolichogenidea laevissima* (Ratzeburg, 1848)*Nomenclature:**

Microgaster laevissimus Ratzeburg, 1848

tersa (Papp, 1973)

Distribution: England

Dolichogenidea lemariei* (Nixon, 1961)*Nomenclature:**

Apanteles lemariei Nixon, 1961

Distribution: England

Dolichogenidea lineipes* (Wesmael, 1837)*Nomenclature:**

Microgaster lineipes Wesmael, 1837

Distribution: England, Scotland, Isle of Man

Dolichogenidea longicalcar* (Thomson, 1895)*Nomenclature:**

Apanteles longicalcar Thomson, 1895

Distribution: England

Dolichogenidea longipalpis* (Reinhard, 1880)*Nomenclature:**

Apanteles longipalpis Reinhard, 1880

tadzhica (Telenga, 1949)

Distribution: England, Scotland

Notes: Papp (1981) reports that the type series of *tadzhica* belongs to two species (*lacteus* and *longipalpis*) but did not select a lectotype; Belokobylskij et al. (2003) treated the name as a synonym of *longipalpis*.

Dolichogenidea marica* (Nixon, 1972)*Nomenclature:**

Apanteles marica Nixon, 1972

Distribution: England

Dolichogenidea myron* (Nixon, 1973)*Nomenclature:**

Apanteles myron Nixon, 1973

Distribution: England, Scotland

Notes: Transferred from *Apanteles* in anticipation of publication by Jose Fernandez-Triana.

***Dolichogenidea ononidis* (Marshall, 1889)**

Nomenclature:

Apanteles ononidis Marshall, 1889

Distribution: England

Notes: Shaw (2012) gives a diagnosis; not treated by Nixon or Papp.

***Dolichogenidea petrovae* (Walley, 1937)**

Nomenclature:

Apanteles petrovae Walley, 1937

dioryctriae (Wilkinson, 1938)

magna (Telenga, 1955)

murinanae (Čapek & Zwölfer, 1957)

Distribution: England

Notes: added by Shaw (2012)

***Dolichogenidea phaloniae* (Wilkinson, 1940)**

Nomenclature:

Apanteles phaloniae Wilkinson, 1940

Distribution: England, Scotland, Wales, Ireland

***Dolichogenidea phaola* (Nixon, 1972)**

Nomenclature:

Apanteles phaola Nixon, 1972

Distribution: England

***Dolichogenidea praetor* (Marshall, 1885)**

Nomenclature:

Apanteles praetor Marshall, 1885

Distribution: England

Dolichogenidea princeps* (Wilkinson, 1941)*Nomenclature:**

Apanteles princeps Wilkinson, 1941

Distribution: England, Scotland, Wales

Dolichogenidea punctiger* (Wesmael, 1837)*Nomenclature:**

Microgaster punctiger Wesmael, 1837

itea (Nixon, 1972)

Distribution: England, Scotland

Dolichogenidea sicaria* (Marshall, 1885)*Nomenclature:**

Apanteles sicarius Marshall, 1885

chrysostricta (Marshall, 1899)

crudelis (Papp, 1971)

Distribution: England, Scotland

Dolichogenidea sisenna* (Nixon, 1972)*Nomenclature:**

Apanteles sisenna Nixon, 1972

Distribution: England

Notes: Recorded as British by Nixon (1972) but omitted by Huddleston (1978).

Dolichogenidea soikai* (Nixon, 1972)*Nomenclature:**

Apanteles soikai Nixon, 1972

Distribution: England

Notes: added by Shaw (2012)

Dolichogenidea trachala* (Nixon, 1965)*Nomenclature:**

Apanteles trachalus Nixon, 1965

sevocata (Papp, 1975)

Distribution: England, Scotland, Wales, Ireland

Notes: #A parasitoid of synanthropic Lepidoptera species and probably introduced to Britain and Ireland (Nixon 1976).

***Dolichogenidea ultor* (Reinhard, 1880)**

Nomenclature:

Apanteles ultor Reinhard, 1880

lactipennis (Ratzeburg, 1852) preocc.

Distribution: England

***Dolichogenidea victor* (Wilkinson, 1941)**

Nomenclature:

Apanteles victor Wilkinson, 1941

Distribution: England

Genus *Illidops* Mason, 1981

***Illidops butalidis* (Marshall, 1888)**

Nomenclature:

Apanteles butalidis Marshall, 1888

Distribution: England, Scotland

***Illidops naso* (Marshall, 1885)**

Nomenclature:

Apanteles naso Marshall, 1885

contortus (Tobias, 1964)

crantor (Nixon, 1965)

evander (Nixon, 1965)

coresia (Nixon, 1973)

Distribution: England

Illidops suevus* (Reinhard, 1880)*Nomenclature:**

Apanteles suevus Reinhard, 1880

minutus (Szépligeti, 1896)

polonicus (Fahringer, 1936)

brevisternis (Tobias, 1964)

susplicax (Tobias, 1964)

dion (Nixon, 1965)

sesostris (Nixon, 1976)

Distribution: England

Genus *Napamus* Papp, 1993

Notes: species of *Napamus* excluded from the British and Irish list:

[*vipio* (Reinhard, 1880, *Apanteles*)] Mistakenly listed as a British species by Kloet and Hincks (1945) and Huddleston (1978). Shenefelt (1973) listed it as British on the misunderstanding that Morley and Rait-Smith (1933) had produced a catalogue of British Lepidoptera-parasitoid associations, whereas their listings also included non-British rearings from hosts that occur in Britain. Morley and Rait-Smith (1933) cite Marshall (1896) as the source of host records for *vipio*, who does not mention Britain. *Apanteles vipio* was transferred from *Illidops* by Papp (1993).

Genus *Pholetesor* Mason, 1981***Pholetesor arisba* (Nixon, 1973)****Nomenclature:**

Apanteles arisba Nixon, 1973

Distribution: England, Scotland

Pholetesor bicolor* (Nees, 1834)*Nomenclature:**

Microgaster bicolor Nees, 1834

ardeaepenellae (Bouché, 1834)

pedias (Nixon, 1973)

umbellatarum (Haliday, 1834)

schillei (Niezabitowski, 1910)

longicauda (Fahringer, 1938)

Distribution: England

Notes: Some distribution data from Shaw and Askew (1976). Van Achterberg's (Achterberg 1997) synonymy of *bicolor* under *circumscriptus* is not followed here (Shaw 2012); it is probable that his reared series represents two species, *bicolor* and *circumscriptus*.

***Pholetesor circumscriptus* (Nees, 1834)**

Nomenclature:

Microgaster circumscriptus Nees, 1834

exiguus (Haliday, 1834); synonymy by Achterberg (1997)

blancardellae (Bouché, 1834)

lividipes (Wesmael, 1837)

flavolimbatus (Ratzeburg, 1848)

lautellus (Marshall, 1895)

Distribution: England, Scotland, Wales, Ireland

***Pholetesor elpis* (Nixon, 1973)**

Nomenclature:

Apanteles elpis Nixon, 1973

girkanus (Tobias, 1976)

Distribution: England

***Pholetesor errans* (Nixon, 1973)**

Nomenclature:

Apanteles errans Nixon, 1973

arenicola (Papp, 1973)

Distribution: England

***Pholetesor laetus* (Marshall, 1885)**

Nomenclature:

Apanteles laetus Marshall, 1885

exiguus misident.

salalicus misident.

metallicus (Jakimavičius, 1972)

Distribution: England, Scotland

Notes: Shaw (2012) tentatively identified *exiguus* sensu Nixon (1973) as an extreme of morphological variation within *laetus*.

***Pholetesor maritimus* (Wilkinson, 1941)**

Nomenclature:

Apanteles maritimus Wilkinson, 1941

Distribution: England, Scotland, Wales

***Pholetesor moldavicus* (Tobias, 1975)**

Nomenclature:

Apanteles moldavicus Tobias, 1975

Distribution: England

Notes: Added by Shaw (2012). Although this generic placement (Papp 1988) was followed by Shaw (2012) it seems very likely to be inappropriate.

***Pholetesor nanus* (Reinhard, 1880)**

Nomenclature:

Apanteles nanus Reinhard, 1880

szoecsi (Papp, 1973)

Distribution: England, Scotland, Wales, Isle of Man

***Pholetesor phaetusa* (Nixon, 1973)**

Nomenclature:

Apanteles phaetusa Nixon, 1973

Distribution: England, Scotland

***Pholetesor viminetorum* (Wesmael, 1837)**

Nomenclature:

Microgaster viminetorum Wesmael, 1837

fuliginosus (Wesmael, 1837)

Distribution: England, Scotland, Wales, Ireland

Tribe Cotesiini Mason, 1981

Genus *Cotesia* Cameron, 1891

Nomenclature:

CRYPTAPANTELES Viereck, 1910

STENOPLEURA Viereck, 1911

Notes: Some taxonomic and distribution data for species parasitizing Lycaenidae taken from Shaw (2007).

species of *Cotesia* excluded from the British and Irish list:

[*acuminata* (Reinhard, 1880, *Apanteles*); *cultrator* (Marshall, 1885, *Apanteles*)] Not a British or Irish species. Marshall's description was based on unprovenanced material reared from a host that, on inspection by MRS, is almost certainly not British. The current synonymy is also in doubt.

[*ordinaria* (Ratzeburg, 1844, *Microgaster*); syn. *dendrolimi* (Matsumura, 1926, *Apanteles*); *dendrolimusi* (Matsumura, 1926, *Apanteles*)] Although listed as a British species by various authors we can find no evidence that it has occurred here.

[*saltator* (Thunberg, 1824, *Ichneumon*) preocc.] Appeared in Huddleston (1978) as Roman (1912) incorrectly synonymised *tenebrosa* under *saltator*.

[*scabricula* (Reinhard, 1880, *Apanteles*); syn. *eguchii* (Watanabe, 1935, *Apanteles*)] No evidence that this is a British or Irish species.

Cotesia abjecta (Marshall, 1885)

Nomenclature:

Apanteles abjectus Marshall, 1885

complanata (Lyle, 1916, *Apanteles*)

Distribution: England, Scotland

Cotesia affinis (Nees, 1834)

Nomenclature:

Microgaster affinis Nees, 1834

euphorbiae (Bouché, 1834, *Microgaster*)

vinulae (Bouché, 1834, *Microgaster*)

harpylae (Niezabitowski, 1910, *Apanteles*)

okamotoi (Watanabe, 1932, *Apanteles*)

planus (Watanabe, 1932, *Apanteles*)

Distribution: England

***Cotesia analis* (Nees, 1834)**

Nomenclature:

Microgaster analis Nees, 1834

praetextata (Haliday, 1834, *Microgaster*)

mediana (Ratzeburg, 1852, *Microgaster*)

leucaniae (Wikinson, 1937, *Apanteles*)

Distribution: England

***Cotesia astrarches* (Marshall, 1889)**

Nomenclature:

Apanteles astrarches Marshall, 1889

?*arctica* (Thomson, 1895, *Apanteles*)

genalis (Tobias, 1964, *Apanteles*)

Distribution: England, Scotland, Wales

Notes: Nixon's (Nixon 1974) *arctica* encompassed two species that occur in Britain, *astrarches* and *tenebrosa*. It is not clear which, if either, the name *arctica* is associated with. The name *astrarches* was placed, erroneously, in synonymy with *arctica* by Nixon (1974), which was followed by Huddleston (1978). Shaw (2007) clarified the status of *astrarches*.

***Cotesia bignellii* (Marshall, 1885)**

Nomenclature:

Apanteles bignellii Marshall, 1885

Distribution: England, Scotland, Wales, Ireland

***Cotesia brevicornis* (Wesmael, 1837)**

Nomenclature:

Microgaster brevicornis Wesmael, 1837

cleoceridis (Marshall, 1889, *Apanteles*)

Distribution: England, Scotland

Cotesia cajae* (Bouché, 1834)*Nomenclature:**

Microgaster cajae Bouché, 1834

difficilis (Nees, 1834, *Microgaster*)

Distribution: England

Cotesia callimone* (Nixon, 1974)*Nomenclature:**

Apanteles callimone Nixon, 1974

scelerata (Tobias, 1986, *Apanteles*)

Distribution: Scotland, Wales, Ireland

Cotesia chares* (Nixon, 1965)*Nomenclature:**

Apanteles chares Nixon, 1965

Distribution: England

Cotesia cleora* (Nixon, 1974)*Nomenclature:**

Apanteles cleora Nixon, 1974

Distribution: England

Cotesia coryphe* (Nixon, 1974)*Nomenclature:**

Apanteles coryphe Nixon, 1974

Distribution: England

Notes: Papp (1987) synonymised *coryphe* under *rubripes* but this seems unwarranted, given the distinctly different hosts and other aspects of biology.

Cotesia cuprea* (Lyle, 1925)*Nomenclature:**

Apanteles cupreus Lyle, 1925

Distribution: England, Scotland

Cotesia errator* (Nixon, 1974)*Nomenclature:**

Apanteles errator Nixon, 1974

Distribution: England, Wales

Cotesia eulipis* (Nixon, 1974)*Nomenclature:**

Apanteles eulipis Nixon, 1974

eulipsis misspelling

Distribution: England, Scotland

? *Cotesia euryale* (Nixon, 1974)**Nomenclature:**

Apanteles euryale Nixon, 1974

Distribution: England

Notes: It is not clear from Nixon (1974) that this species occurs in Britain, despite its being 'bred in captivity at Slough'.

Cotesia ferruginea* (Marshall, 1885)*Nomenclature:**

Apanteles ferrugineus Marshall, 1885

Distribution: England

Cotesia gades* (Nixon, 1974)*Nomenclature:**

Apanteles gades Nixon, 1974

Distribution: England

Notes: added by Allen (1978)

Cotesia gastropachae* (Bouché, 1834)*Nomenclature:**

Microgaster gastropachae Bouché, 1834

Distribution: England, Scotland, Isle of Man

Cotesia geryonis* (Marshall, 1885)*Nomenclature:**

Apanteles geryonis Marshall, 1885

Distribution: England

Cotesia glomerata* (Linnaeus, 1758)*Nomenclature:**

Ichneumon glomeratus Linnaeus, 1758

glomerator (Thunberg, 1824, *Ichneumon*)

nigriventris (Nees, 1834, *Microgaster*)

recondita (Nees, 1834, *Microgaster*)

stellatarum (Bouché, 1834, *Microgaster*)

crataegi (Ratzeburg, 1844, *Microgaster*)

oleracea (Taylor, 1860, *Microgaster*)

pieridis (Packard, 1881, *Microgaster*) preocc.

pieridivora (Riley, 1882, *Microgaster*)

aporiae (Ivanov, 1899, *Apanteles*)

nawaii (Ashmead, 1906, *Glyptapanteles*)

aporiae (Matsumura, 1908, *Apanteles*) preocc.

heterotergis (Fahringer, 1936, *Apanteles*)

Distribution: England, Scotland, Isle of Man

Cotesia gonopterygis* (Marshall, 1885)*Nomenclature:**

Apanteles gonopterygis Marshall, 1885

Distribution: England

Cotesia hyphantriae* (Riley, 1887)*Nomenclature:**

Apanteles hyphantriae Riley, 1887

Distribution: England, Wales

Cotesia inducta* (Papp, 1973)*Nomenclature:**

Apanteles inductus Papp, 1973

tenuivalvis (Tobias, 1986, *Apanteles*)

Distribution: England, Ireland

Notes: added by Revels (2006); Shaw (2007)

Cotesia isolde* (Nixon, 1974)*Nomenclature:**

Apanteles isolde Nixon, 1974

Distribution: England, Scotland

Cotesia jucunda* (Marshall, 1885)*Nomenclature:**

Apanteles jucundus Marshall, 1885

nigrinervis (Thomson, 1895, *Microgaster*)

Distribution: England, Scotland

Cotesia juniperatae* (Bouché, 1834)*Nomenclature:**

Microgaster juniperatae Bouché, 1834

Distribution: England, Scotland

Cotesia kurdjumovi* (Telenga, 1955)*Nomenclature:**

Apanteles kurdjumovi Telenga, 1955

laverna (Nixon, 1974, *Apanteles*)

Distribution: England, Scotland

Cotesia limbata* (Marshall, 1885)*Nomenclature:**

Apanteles limbatus Marshall, 1885

kawadai (Watanabe, 1934, *Apanteles*)

Distribution: England, Scotland

***Cotesia lineola* (Curtis, 1830)**

Nomenclature:

Microgaster lineola Curtis, 1830

gabrielis (Gautier & Riel, 1919, *Apanteles*)

Distribution: England

***Cotesia melanoscela* (Ratzeburg, 1844)**

Nomenclature:

Microgaster melanoscelus Ratzeburg, 1844

solitaria (Ratzeburg, 1844, *Microgaster*)

creata (Balevski, 1980, *Apanteles*)

Distribution: England

***Cotesia melitaeorum* (Wilkinson, 1937)**

Nomenclature:

Apanteles melitaeorum Wilkinson, 1937

melittaeorum misspelling

ukrainica (Tobias, 1986, *Apanteles*)

Distribution: England, Scotland, Wales

***Cotesia notha* (Marshall, 1885)**

Nomenclature:

Apanteles nothus Marshall, 1885

Distribution: England, Scotland

***Cotesia numen* (Nixon, 1974)**

Nomenclature:

Apanteles numen Nixon, 1974

Distribution: England, Scotland

Cotesia ofella* (Nixon, 1974)*Nomenclature:**

Apanteles ofella Nixon, 1974

?*perspicua* (Nees, 1834, *Microgaster*)

Distribution: England

Notes: *Microgaster perspicua* is listed as a senior synonym of *cajae* in Taxapad (Yu et al. 2012), following Marshall (1885), who listed *cajae* as the senior synonym. Papp (2005a) lists *perspicua* as a tentative synonym (which would have priority) of *ofella*.

Cotesia onaspis* (Nixon, 1974)*Nomenclature:**

Apanteles onaspis Nixon, 1974

avetyanae (Tobias, 1976, *Apanteles*)

Distribution: England

Cotesia orestes* (Nixon, 1974)*Nomenclature:**

Apanteles orestes Nixon, 1974

Distribution: England

Cotesia pilicornis* (Thomson, 1890)*Nomenclature:**

Microgaster pilicornis Thomson, 1890

piliflagellaris (Tobias, 1986, *Apanteles*)

Distribution: England, Scotland, Wales, Ireland

Notes: In NMS numerous series reared solitarily from various species of Pterophoridae are probably conspecific but show a great variation in extent of pilosity of the antenna.

Cotesia praepotens* (Haliday, 1834)*Nomenclature:**

Microgaster praepotens Haliday, 1834

placida (Haliday, 1834, *Microgaster*)

memnon (Nixon, 1974, *Apanteles*)

acutivalvis (Balevski, 1980, *Apanteles*)

beshtai (Tobias, 1986, *Apanteles*)

Distribution: England, Ireland

Notes: Nixon's (Nixon 1974) *praepotens* is apparently correctly called *sericea* (Belokobylskij et al. 2003).

***Cotesia risilis* (Nixon, 1974)**

Nomenclature:

Apanteles risilis Nixon, 1974

Distribution: England

***Cotesia rubecula* (Marshall, 1885)**

Nomenclature:

Apanteles rubecula Marshall, 1885

Distribution: England

***Cotesia rubripes* (Haliday, 1834)**

Nomenclature:

Microgaster rubripes Haliday, 1834

Distribution: England, Scotland

***Cotesia ruficrus* (Haliday, 1834)**

Nomenclature:

Microgaster ruficrus Haliday, 1834

antipoda (Ashmead, 1900, *Apanteles*)

manilae (Ashmead, 1904, *Apanteles*)

sydneyensis (Cameron, 1911, *Apanteles*)

narangae (Viereck, 1913, *Apanteles*)

sesamiae (Risbec, 1956, *Apanteles*) nom. nud.

Distribution: England, Wales, Isle of Man

Cotesia salebrosa* (Marshall, 1885)*Nomenclature:**

Apanteles salebrosus Marshall, 1885

callunae Nixon, 1974

Distribution: England, Scotland

Cotesia saltatoria* (Balevski, 1980)*Nomenclature:**

Apanteles saltatorius Balevski, 1980

Distribution: England, Scotland

Notes: added by Shaw (2007)

Cotesia sericea* (Nees, 1834)*Nomenclature:**

Microgaster sericeus Nees, 1834

praepotens misident.

brachycera (Thomson, 1895, *Apanteles*)

Distribution: England, Scotland

Notes: Nixon's (Nixon 1974) *praepotens* is apparently correctly called *sericea* (Belokobylskij et al. 2003).

Cotesia sibyllarum* (Wilkinson, 1936)*Nomenclature:**

Apanteles sibyllarum Wilkinson, 1936

Distribution: England

Cotesia spuria* (Wesmael, 1837)*Nomenclature:**

Microgaster spurius Wesmael, 1837

insidens (Ratzeburg, 1844, *Microgaster*)

Distribution: England, Scotland, Wales, Isle of Man

Cotesia subordinaria* (Tobias, 1976)*Nomenclature:**

Apanteles subordinarius Tobias, 1976

Distribution: England

Notes: added by Shaw (2012)

Cotesia telengai* (Tobias, 1972)*Nomenclature:**

Apanteles telengai Tobias, 1972

amabilis (Nixon, 1974, *Apanteles*)

Distribution: England

Cotesia tenebrosa* (Wesmael, 1837)*Nomenclature:**

Microgaster tenebrosus Wesmael, 1837

?*arctica* (Thomson, 1895, *Apanteles*)

Distribution: England, Scotland

Notes: Added by Shaw (2007); Nixon's (Nixon 1974) *arctica* encompassed two species that occur in Britain, *astrarches* and *tenebrosa*. It is not clear which, if either, the name *arctica* is associated with. The name *astrarches* was placed, erroneously, in synonymy with *arctica* by Nixon (1974), which was followed by Huddleston (1978). Shaw (2007) clarified the status of *tenebrosa*.

Cotesia tetrica* (Reinhard, 1880)*Nomenclature:**

Apanteles tetricus Reinhard, 1880

opacula (Thomson, 1895, *Microgaster*)

Distribution: England, Scotland

Cotesia tibialis* (Curtis, 1830)*Nomenclature:**

Microgaster tibialis Curtis, 1830

atrator (Curtis, 1830, *Microgaster*)

gracilis (Curtis, 1830, *Microgaster*)

congesta (Nees, 1834, *Microgaster*)
intricata (Haliday, 1834, *Microgaster*)
gracilipes (Thomson, 1895, *Microgaster*)
similis (Szépligeti, 1901, *Apanteles*)
atratrix (Schulz, 1906, *Microgaster*)
araneorum (Goureau, 1908, *Apanteles*) nom. nud.
mamestrae (Matsumura, 1908, *Apanteles*)
simulans (Lyle, 1917, *Apanteles*)
claustrata (Gautier & Bonnamour, 1923, *Apanteles*)

Distribution: England, Scotland, Wales

***Cotesia vanessae* (Reinhard, 1880)**

Nomenclature:

Apanteles vanessae Reinhard, 1880

Distribution: England

***Cotesia vestalis* (Haliday, 1834)**

Nomenclature:

Microgaster vestalis Haliday, 1834

plutellae (Kurdjumov, 1912, *Apanteles*); synonymy by Shaw (2003b)

Distribution: England, Wales

***Cotesia villana* (Reinhard, 1880)**

Nomenclature:

Apanteles villanus Reinhard, 1880

fasciatae (Gautier & du Dresnay, 1926, *Apanteles*)

rubroides (Papp, 1971, *Apanteles*); synonymy by Papp (2009a)

Distribution: England

***Cotesia zygaenarum* (Marshall, 1885)**

Nomenclature:

Apanteles zygaenarum Marshall, 1885

Distribution: England, Scotland, Wales, Ireland, Isle of Man

Genus *Deuterixys* Mason, 1981***Deuterixys carbonaria* (Wesmael, 1837)****Nomenclature:**

Microgaster carbonarius Wesmael, 1837

anomala (Lyle, 1925, *Apanteles*)

Distribution: England, Scotland

Deuterixys plugarui* (Tobias, 1975)*Nomenclature:**

Apanteles plugarui Tobias, 1975

Distribution: England

Notes: added by Shaw (2012)

Deuterixys rimulosa* (Niezabitowski, 1910)*Nomenclature:**

Apanteles rimulosus Niezabitowski, 1910

comes (Wilkinson, 1940, *Apanteles*)

Distribution: England

Genus *Diolcogaster* Ashmead, 1901**Nomenclature:**

PROTOMICROPLITIS misident.

ZADIOLOCOGASTER Viereck, 1913

Notes: See Mason (1981) and Fernández-Triana (2015), who restricted *Protomicroplitis* to a few Nearctic and Neotropical species.

Diolcogaster abdominalis* (Nees, 1834)*Nomenclature:**

Microgaster abdominalis Nees, 1834

Distribution: England

Diolcogaster alvearia* (Fabricius, 1798)*Nomenclature:**

Ichneumon aleuarius Fabricius, 1798

aphidum (Panzer, 1804, *Ichneumon*)

alveator (Thunberg, 1824, *Ichneumon*)

areolata (Szépligeti, 1896, *Ichneumon*)

Distribution: England, Scotland

Diolcogaster connexa* (Nees, 1834)*Nomenclature:**

Microgaster connexus Nees, 1834

consularis (Haliday, 1834, *Microgaster*)

diluta (Ratzeburg, 1852, *Microgaster*)

Distribution: England, Isle of Man

Diolcogaster flavipes* (Haliday, 1834)*Nomenclature:**

Microgaster flavipes Haliday, 1834

Diolcogaster hinzi* (Nixon, 1965)*Nomenclature:**

Protomicroplitis hinzi Nixon, 1965

Distribution: England, Scotland

Notes: added by Shaw (2012)

Diolcogaster minuta* (Reinhard, 1880)*Nomenclature:**

Microgaster minutus Reinhard, 1880

Distribution: England, Scotland

Diolcogaster scotica* (Marshall, 1885)*Nomenclature:**

Microgaster scoticus Marshall, 1885

Distribution: England, Scotland

***Diolcogaster spreta* (Marshall, 1885)**

Nomenclature:

Microgaster spretus Marshall, 1885

Distribution: England, Scotland, Wales

Genus *Distatrix* Mason, 1981

***Distatrix formosa* (Wesmael, 1837)**

Nomenclature:

Microgaster formosus Wesmael, 1837

marshallii (Bignell, 1901, *Apanteles*)

Distribution: England, Wales, Isle of Man

Genus *Glyptapanteles* Ashmead, 1905

Notes: species of *Glyptapanteles* excluded from the British and Irish list:

[*thompsoni* (Lyle, 1917, *Apanteles*)] Listed as a British species by Huddleston (1978) in error; there is no evidence that it has occurred here.

***Glyptapanteles acasta* (Nixon, 1973)**

Nomenclature:

Apanteles acasta Nixon, 1973

Distribution: England

***Glyptapanteles aliphaera* (Nixon, 1973)**

Nomenclature:

Apanteles aliphaera Nixon, 1973

aliphaera misspelling

sublateralis (Tobias, 1976, *Apanteles*)

Distribution: England, Scotland

Glyptapanteles callidus* (Haliday, 1834)*Nomenclature:**

Microgaster callidus Haliday, 1834

urolus (Papp, 1983, *Apanteles*)

Distribution: England, Scotland, Wales

Notes: Achterberg (1997) reinterpreted this name and treated *majalis* as the valid name for the species called *callidus* by Nixon (1973) and Papp (1983).

Glyptapanteles compressiventris* (Muesebeck, 1921)*Nomenclature:**

Apanteles compressiventris Muesebeck, 1921

liparidis misident.

Distribution: Scotland, Wales

Notes: Wilkinson (1945) dealt with the identity of the real *liparidis*, which does not occur in Britain or Ireland.

Glyptapanteles fausta* (Nixon, 1973)*Nomenclature:**

Apanteles fausta Nixon, 1973

Distribution: England, Scotland

Notes: Generic placement in doubt; some authors place both *fausta* and *lateralis* in *Sathon*. Papp (1983) synonymised *fausta* under *Apanteles eugeni* Papp, 1972 but later (Papp 1988) rescinded his action. Unfortunately Papp (1972) had chosen a non-reared specimen as holotype but a paratype of *eugeni* reared from *Anthophila fabriciana* (Linnaeus) is in BMNH and appears to be conspecific with *fausta* (described from this host). It seems probable that Papp's (Papp 1983) synonymy was justified but, as this requires further investigation, the name *fausta* is retained for now.

Glyptapanteles fraternus* (Reinhard, 1881)*Nomenclature:**

Apanteles fraternus Reinhard, 1881

Distribution: England

Glyptapanteles fulvipes* (Haliday, 1834)*Nomenclature:**

Microgaster fulvipes Haliday, 1834

Distribution: England, Scotland, Wales, Ireland

Glyptapanteles inclusus* (Ratzeburg, 1844)*Nomenclature:**

Microgaster inclusus Ratzeburg, 1844

curvulus (Thomson, 1895, *Microgaster*)

rectinervis (Telenga, 1955, *Apanteles*)

Distribution: England

Glyptapanteles lateralis* (Haliday, 1834)*Nomenclature:**

Microgaster lateralis Haliday, 1834

Distribution: England, Scotland, Wales

Notes: Generic placement in doubt; some authors place both *fausta* and *lateralis* in *Sathon*.

Glyptapanteles luciana* (Nixon, 1973)*Nomenclature:**

Apanteles luciana Nixon, 1973

Distribution: Scotland

Notes: Described by Nixon (1973) partly from Scottish material but omitted by Huddleston (1978).

Glyptapanteles majalis* (Wesmael, 1837)*Nomenclature:**

Microgaster majalis Wesmael, 1837

callidus misident.

Distribution: England, Scotland

Notes: Achterberg (1997) treated *majalis* as the valid name for the species called *callidus* by Nixon (1973) and Papp (1983).

Glyptapanteles menander* (Nixon, 1973)*Nomenclature:**

Apanteles menander Nixon, 1973

Distribution: Scotland

Glyptapanteles mygdonia* (Nixon, 1973)*Nomenclature:**

Apanteles mygdonia Nixon, 1973

Distribution: England, Scotland, Ireland

Glyptapanteles octonarius* (Ratzeburg, 1852)*Nomenclature:**

Microgaster octonarius Ratzeburg, 1852

stauropodis (Bridgman, 1889, *Apanteles*)

lucifugus (Lyle, 1917, *Apanteles*)

Distribution: England

Glyptapanteles pallipes* (Reinhard, 1880)*Nomenclature:**

Apanteles pallipes Reinhard, 1880

pallidipes (Marshall, 1885, *Apanteles*)

longicornis (Provancher, 1886, *Microgaster*)

radiatus (Ashmead, 1898, *Apanteles*)

reinhardi (Wilkinson, 1936, *Apanteles*)

Distribution: England, Scotland, Wales

Glyptapanteles pinicola* (Lyle, 1917)*Nomenclature:**

Apanteles pinicola Lyle, 1917

Distribution: England, Scotland

Glyptapanteles porthetriae* (Muesebeck, 1928)*Nomenclature:**

Apanteles porthetriae Muesebeck, 1928

Distribution: England

Notes: added by Shaw and Skelton (2008)

Glyptapanteles salepus* (Papp, 1983)*Nomenclature:**

Apanteles salepus Papp, 1983

Distribution: England

Notes: added by Shaw (2012)

Glyptapanteles vitripennis* (Curtis, 1830)*Nomenclature:**

Microgaster vitripennis Curtis, 1830

fulcriger (Wesmael, 1837, *Microgaster*)

impavidus (Gautier & Dresnyay, 1927, *Apanteles*)

Distribution: England, Scotland, Isle of Man

Genus *Protapanteles* Ashmead, 1898***Protapanteles anchisiades* (Nixon, 1973)****Nomenclature:**

Apanteles anchisiades Nixon, 1973

Distribution: England, Scotland, Wales, Isle of Man

Protapanteles endemus* (Nixon, 1965)*Nomenclature:**

Apanteles endemus Nixon, 1965

Distribution: England, Scotland

Protapanteles enephes* (Nixon, 1965)*Nomenclature:***Apanteles enephes* Nixon, 1965**Distribution:** England***Protapanteles hirtariae* (Kotenko & Tobias, 1986)****Nomenclature:***Apanteles hirtariae* Kotenko & Tobias, 1986**Distribution:** Scotland**Notes:** added by Shaw (2012)***Protapanteles immunis* (Haliday, 1834)****Nomenclature:***Microgaster immunis* Haliday, 1834**Distribution:** England, Scotland, Wales, Ireland***Protapanteles incertus* (Ruthe, 1859)****Nomenclature:***Microgaster incertus* Ruthe, 1859*caberae* (Marshall, 1885, *Apanteles*)*jugosus* (Lyle, 1916, *Apanteles*)*mihalyii* (Papp, 1973, *Apanteles*)**Distribution:** England, Scotland, Isle of Man***Protapanteles parallelus* (Lyle, 1917)****Nomenclature:***Apanteles parallelus* Lyle, 1917*lylei* (Shenefelt, 1972, *Apanteles*)**Distribution:** England***Protapanteles popularis* (Haliday, 1834)****Nomenclature:***Microgaster popularis* Haliday, 1834

Distribution: England, Scotland

***Protapanteles triangulator* (Wesmael, 1837)**

Nomenclature:

Microgaster triangulator Wesmael, 1837

Distribution: England

Notes: Included in *Protapanteles* by Papp (1988) but Mason (1981) treated it as a species of *Glyptapanteles*. Nixon (1973) was unable to suggest close relatives.

Genus *Rasivalva* Mason, 1981

***Rasivalva calceata* (Haliday, 1834)**

Nomenclature:

Microgaster calceatus Haliday, 1834

pubescens (Ratzeburg, 1844, *Microgaster*)

Distribution: England, Scotland

***Rasivalva circumvecta* (Lyle, 1918)**

Nomenclature:

Diolcogaster circumvectus Lyle, 1918

Distribution: England, Scotland

***Rasivalva marginata* (Nees, 1834)**

Nomenclature:

Microgaster marginatus Nees, 1834

Distribution: England, Scotland

Tribe Microgastrini Förster, 1863

Genus *Hygroplitis* Thomson, 1895

***Hygroplitis pseudorussata* Shaw, 1992**

Distribution: England

Notes: added by Shaw (1992b)

Hygroplitis rugulosa* (Nees, 1834)*Nomenclature:**

Microgaster rugulosus Nees, 1834

infumata (Haliday, 1834, *Microgaster*)

opaca (Ruthe, 1858, *Microgaster*)

Distribution: England, Wales, Ireland

Hygroplitis russata* (Haliday, 1834)*Nomenclature:**

Microgaster russatus Haliday, 1834

dimidiata (Wesmael, 1837, *Microgaster*)

basalis (Stephens, 1846, *Microgaster*)

aomoriensis (Matsumura, 1910, *Microgaster*)

Distribution: England, Scotland, Wales

Notes: Specimen from Islay in Hunterian Museum, Glasgow, det. MRS.

Genus *Iconella* Mason, 1981

Notes: species of *Iconella* excluded from the British and Irish list:

[*lacteoides* (Nixon, 1965, *Apanteles*); syn. *memorabilis* (Alexeev, 1971, *Apanteles*)]

[*merula* (Reinhard, 1880, *Apanteles*); syn. *?etiellae* (Viereck, 1911, *Apanteles*)] Both of these species were mistakenly listed by Huddleston (1978); there is no evidence that they are British or Irish.

Iconella aeola* (Nixon, 1965)*Nomenclature:**

Apanteles aeolus Nixon, 1965

Distribution: England

Notes: added by Shaw (2012)

Genus *Microgaster* Latreille, 1804

Nomenclature:

LIGANIRA Walker, 1860

LISSOGASTER Bengtsson, 1926

Notes: The current usage of the name *Microgaster* was restored by Opinion 1510 (ICZN 1988), after temporarily being applied to the genus here called *Microplitis* (with *Microgaster* as currently understood being referred to *Lissogaster*). This was an unfortunate name change as it coincided with Papp's (Papp 1976, Papp 1984) revisions of the genera, as well as several other important papers. Unless noted otherwise, distribution data taken from NMS, Nixon (1968) and Shaw (2012). Papp's (Papp 1976) subsequent revision of the genus added many species to Nixon's (Nixon 1968) revision, and Achterberg (1997) established the precedence of several Haliday names.

species of *Microgaster* excluded from the British and Irish list:

[*auriculata* (Fabricius, 1804, *Ichneumon*)] Listed as doubtfully British by Huddleston (1978) on the basis of Papp's (Papp 1976) listing of '?England'. No evidence that this is really a British or Irish species.

[*deceptor* Nixon, 1968] Listed as a British species by Huddleston (1978) in error; no evidence that this is a British or Irish species.

[*fischeri* Papp, 1960] British specimens, misidentified as *fischeri* by Nixon (1968), represented an undescribed species which was described by Shaw (2012) as *raschkiellae*.

[*nobilis* Reinhard, 1880; syn. *compressifemur* Fahringer, 1937] Listed as doubtfully British by Huddleston (1978) on the basis of Papp's (Papp 1976) listing of '?England'. No evidence that this is really a British or Irish species.

[*postica* Nees, 1834; syn. *marginella* Wesmael, 1837; ?*ruficoxis* Ruthe, 1858] Recorded as British by Marshall (1885), but probably in error as his diagnosis appears not to have been a *Microgaster* species in the modern sense. Papp's (Papp 1976) listing of England probably simply reflects Marshall's record, as does the listing in Huddleston (1978), and there is no evidence that this is a British or Irish species.

Microgaster acilia Nixon, 1968

Distribution: England

Notes: Raised from synonymy under *meridiana* (Papp 1999b) by Shaw (2012).

***Microgaster alebion* Nixon, 1968**

Distribution: England, Scotland

Notes: distribution data from Shaw (2004)

***Microgaster areolaris* Thomson, 1895**

Distribution: England, Scotland

***Microgaster arctostaphylica* Shaw, 2012**

Distribution: Scotland

Notes: added by Shaw (2012)

***Microgaster consors* Nixon, 1968**

Distribution: England

***Microgaster crassicornis* Ruthe, 1860**

Distribution: England

***Microgaster ductilis* Nixon, 1968**

Distribution: England

Notes: added by Shaw (2012)

***Microgaster fulvicrus* Thomson, 1895**

Nomenclature:

striatoscutellaris Kiss, 1927

Distribution: England, Scotland, Ireland, Isle of Man

***Microgaster globata* (Linnaeus, 1758)**

Nomenclature:

Ichneumon globatus Linnaeus, 1758

laeviscuta Thomson, 1895

gossypina (Retzius, 1783, *Ichneumon*)

globator (Thunberg, 1824, *Ichneumon*)

anthomyiarum Bouché, 1834

amentorum Ratzeburg, 1844

incurvata Papp, 1976; synonymy by Papp (2002)

Distribution: England, Scotland

Notes: Some distribution data from Papp (1976). It seems that *laeviscuta* has been included as a junior synonym of *hospes* in [Fauna Europaea](#), with *globata* not referred to. Shaw (2012) notes that *globata* as perceived by Papp (1976) is almost certainly an aggregate.

***Microgaster hospes* Marshall, 1885**

Nomenclature:

comptanae Viereck, 1911

Distribution: England, Scotland, Wales

***Microgaster luctuosa* Haliday, 1834**

Nomenclature:

curvicrus Thomson, 1895; synonymy by Achterberg (1997)

Distribution: England, Scotland, Wales

***Microgaster meridiana* Haliday, 1834**

Nomenclature:

spinolae Haliday, 1834 preocc.; synonymy by Achterberg (1997)

alexis Haliday, 1834 nom. nud.

grandis Thomson, 1895; synonymy by Achterberg (1997)

contubernalis Marshall, 1898

Distribution: England, Scotland, Wales, Ireland, Isle of Man

***Microgaster messoria* Haliday, 1834**

Nomenclature:

tibialis Nees, 1834 preocc.; synonymy by Achterberg (1997)

vulgaris Ruthe, 1860

pluto Morley, 1936

Distribution: England, Scotland, Wales, Ireland

Notes: Some Ruthe names traditionally regarded as synonyms of *tibialis* probably do not belong here Shaw (2012).

***Microgaster nigricans* Nees, 1834**

Notes: A species of doubtful status. Curtis (1837) listed *nigricans* as a British species and Papp (1976), who stated that it was known only from the male, therefore listed it as English. Nixon (1968), however, did not deal with the name.

***Microgaster nixalebion* Shaw, 2004**

Distribution: England, Wales

Notes: added by Shaw (2004)

***Microgaster novicia* Marshall, 1885**

Nomenclature:

swammerdamiae Muesebeck, 1922

Distribution: England, Scotland

***Microgaster opheltes* Nixon, 1968**

Distribution: Ireland

***Microgaster pantographae* Muesebeck, 1922**

Distribution: England

***Microgaster parvistriga* Thomson, 1895**

Distribution: England, Scotland

***Microgaster polita* Marshall, 1885**

Nomenclature:

carinata Bengtsson, 1926 preocc.

bengtssoni Fahringer, 1937

Distribution: England, Scotland, Ireland

Microgaster procera* Ruthe, 1860*Nomenclature:**

intermedia Ivanov, 1899

Distribution: Ireland

Microgaster raschkiellae* Shaw, 2012*Nomenclature:**

fischeri misident.

Distribution: England, Scotland, Wales

Notes: added by Shaw (2012)

Microgaster stictica* Ruthe, 1858*Nomenclature:**

confusa Papp, 1971

Distribution: England, Scotland, Wales, Isle of Man

Microgaster subcompleta* Nees, 1834*Nomenclature:**

annulipes Curtis, 1830

carinata Packard, 1881

Distribution: England, Scotland, Wales, Ireland, Isle of Man

Genus *Paroplitis* Mason, 1981***Paroplitis wesmaeli* (Ruthe, 1860)****Nomenclature:**

Microgaster wesmaeli Ruthe, 1860

picipes (Wesmael, 1837, *Microgaster*) preocc.

Distribution: England

Genus *Sathon* Mason, 1981***Sathon falcatus* (Nees, 1834)****Nomenclature:**

Microgaster falcatus Nees, 1834

equestris (Haliday, 1834, *Microgaster*)

gladiator (Szépligeti, 1901, *Apanteles*)

Distribution: England, Scotland, Wales, Ireland

Tribe Microplitini Mason, 1981**Genus *Microplitis* Förster, 1863****Nomenclature:**

DAPSILOTOMA Cameron, 1906

Notes: Unless noted otherwise, distribution data taken from Nixon (1970). Papp (1984) extensively revised the synonymy (as *Microgaster* species: unfortunately at that time *Microplitis* was briefly being regarded as a synonym of *Microgaster*, but this was subsequently rescinded by Opinion 1510 (ICZN 1988), whose conclusions are largely followed here.

species of *Microplitis* excluded from the British and Irish list:

[*eremitus* Reinhard, 1880] No evidence that this species has occurred in Britain or Ireland; probably listed in Shenefelt (1973) and Huddleston (1978) because Nixon (1970) reported its distribution as north-west European.

Microplitis aduncus* (Ruthe, 1860)*Nomenclature:**

Microgaster aduncus Ruthe, 1860

brachycerus (Thomson, 1895, *Microgaster*)

Distribution: Scotland

***Microplitis ? decens* Tobias, 1964**

Distribution: Scotland

Notes: Added by Papp (1984) but it is unclear on what basis this species was listed as British (Shaw 2012).

Microplitis deprimator* (Fabricius, 1798)*Nomenclature:**

Ichneumon deprimator Fabricius, 1798

ingratus (Haliday, 1834, *Microgaster*); synonymy by Achterberg (1997)

sordipes (Nees, 1834, *Microgaster*)

tau (Ratzeburg, 1852, *Microgaster*)

deprimatrix (Schulz, 1906, *Microgaster*)

Distribution: England, Scotland

Notes: *Micropoltis sordipes* is listed as a separate species in Taxapad (Yu et al. 2012) but we follow van Achterberg, in [Fauna Europaea](#). However, the status of *sordipes* remains uncertain.

Microplitis flavipalpis* (Brullé, 1832)*Nomenclature:**

Microgaster flavipalpis Brullé, 1832

ruricola Lyle, 1918

Distribution: England

***Microplitis fordi* Nixon, 1970**

Distribution: England, Scotland

Notes: Papp (1984) suggests that *semicircularis* (Ratzeburg, 1844, *Microgaster*) (type destroyed) may be a senior synonym.

Microplitis fulvicornis* (Wesmael, 1837)*Nomenclature:**

Microgaster fulvicornis Wesmael, 1837

calcarata misident.

pallidicornis Marshall, 1898

Distribution: England, Wales

Microplitis impressus* (Wesmael, 1837)*Nomenclature:**

Microgaster impressus Wesmael, 1837

sispes Nixon, 1970

Distribution: England

Notes: added by Shaw (2012)

***Microplitis lugubris* (Ruthe, 1860)**

Nomenclature:

Microgaster lugubris Ruthe, 1860

borealis Marshall, 1885

coracinus (Thomson, 1895, *Microgaster*)

rutheana Fahringer, 1937

Distribution: Scotland

***Microplitis malimbus* (Papp, 1984)**

Nomenclature:

Microgaster malimba Papp, 1984

trochanterata misident

Distribution: England

Notes: Added by Shaw (2012). Nixon's (Nixon 1970) interpretation of *trochanterata* (not *tuberculifer*, of which *trochanterata* is a junior synonym) is actually referable to *malimbus* (Shaw 2012).

***Microplitis mandibularis* Thomson, 1895**

Distribution: England, Scotland

***Microplitis mediator* (Haliday, 1834)**

Nomenclature:

Microgaster mediator Haliday, 1834

medianus (Ruthe, 1860, *Microgaster*)

halidayi Fahringer, 1937

pseudomedianus Fahringer, 1937

Distribution: England, Scotland, Wales, Ireland, Isle of Man

Microplitis moestus* (Ratzeburg, 1852)*Nomenclature:**

Microgaster moestus Ratzeburg, 1852

***Microplitis naenia* Nixon, 1970**

Distribution: England

Microplitis ocellatae* (Bouché, 1834)*Nomenclature:**

Microgaster ocellatae Bouché, 1834

canaliculatus (Wesmael, 1837, *Microgaster*)

Distribution: England

***Microplitis scrophulariae* Szépligeti, 1898**

Distribution: England

Notes: added by Shaw (2012)

Microplitis sofron* Nixon, 1970*Nomenclature:**

?*stigmaticus* (Ratzeburg, 1844, *Microgaster*)

Distribution: England, Scotland, Ireland

Notes: Papp (1984) suggests that *stigmaticus* may be a senior synonym.

Microplitis spectabilis* (Haliday, 1834)*Nomenclature:**

Microgaster spectabilis Haliday, 1834

fossulatus (Bouché, 1834, *Microgaster*)

?*parvulus* (Ruthe, 1860, *Microgaster*)

seuratii Marshall, 1898

testaceipes (Cameron, 1906, *Dapsilotoma*)

Distribution: England, Wales, Ireland

Microplitis spinolae* (Nees, 1834)*Nomenclature:**

Microgaster spinolae Nees, 1834

sapporoensis Ashmead, 1906

radiorimatus Telenga, 1955

?*quadridentatus* (Provancher, 1886, *Microgaster*)

Distribution: England

Microplitis strenuus* Reinhard, 1880*Nomenclature:**

gracilis (Ruthe, 1860, *Microgaster*) preocc.

Distribution: England

Microplitis tristis* (Nees, 1834)*Nomenclature:**

Microgaster tristis Nees, 1834

dolens Marshall, 1885

Distribution: England, Scotland, Wales

Microplitis tuberculatus* (Bouché, 1834)*Nomenclature:**

Microgaster tuberculatus Bouché, 1834

fumipennis (Ratzeburg, 1852, *Microgaster*)

Distribution: England, Scotland, Ireland

Microplitis tuberculifer* (Wesmael, 1837)*Nomenclature:**

Microgaster tuberculifer Wesmael, 1837

calcaratus (Thomson, 1895, *Microgaster*)

trochanteratus (Thomson, 1895, *Microgaster*)

maneali Gautier & Bonnamour, 1939

Distribution: England, Scotland

Microplitis viduus* (Ruthe, 1860)*Nomenclature:**

Microgaster viduus Ruthe, 1860

Distribution: England

Microplitis xanthopus* (Ruthe, 1860)*Nomenclature:**

Microgaster xanthopus Ruthe, 1860

tenuipes (Thomson, 1895, *Microgaster*)

Distribution: Scotland, Wales, Ireland

Microtypinae**Subfamily Microtypinae Szépligeti, 1908**

Notes: Belokobylskij et al. (2003) include *Microtypus*, without comment, in the Orgilinae, where it had traditionally been placed prior to recent phylogenetic work. In the molecular phylogeny of Belshaw and Quicke (2002) the genus *Microtypus* is the sister group to Homolobinae, as also found by Sharanowski et al. (2011) (albeit with this clade the sister group to Orgilinae). This relationship was originally suggested by Achterberg (1984b).

Genus *Microtypus* Ratzeburg, 1848**Nomenclature:**

SIMILEARINUS Glowacki & Karpiński, 1967

Notes: Nomenclature follows Capek and Achterberg (1992).

Microtypus wesmaelii* Ratzeburg, 1848*Nomenclature:**

dioryctriæ Rohwer, 1920

Distribution: England

Notes: added by Shaw (1992a)

Miracinae

Subfamily Miracinae Viereck, 1918

Genus *Mirax* Haliday, 1833

Nomenclature:

CENTISTIDEA Rohwer, 1914

Notes: There are also several unrecognised species in Britain.

Mirax rufilabris Haliday, 1833

Nomenclature:

spartii Haliday, 1835

dryochares Marshall, 1898

*nanivora*e Fischer, 1957

Distribution: England, Scotland

Notes: some distribution data from Shaw and Askew (1976) and NMS

Opiinae

Subfamily Opiinae Blanchard, 1845

Notes: The generic and tribal classification of opiines has been largely chaotic (Wharton 1988b). In Fauna Europaea, van Achterberg has enacted many taxonomic changes resulting from his work on Western Palaearctic Opiinae (in prep.), which are followed here. Some changes to the generic classification have been published by Wharton (1988b), van Achterberg (Achterberg 2004a, Achterberg 2004b, and in Belokobylskij et al. 2003) and by Li et al. (2013). Wharton (1988b) argued against recognition of tribes within Opiinae, except perhaps Ademonini (for the genus *Ademon*), with all the other genera in Opiini; van Achterberg (in prep.) does not recognise Ademonini. Some distribution data from Fischer (1958), Fischer (1967), Fischer (1997).

Genus *Ademon* Haliday, 1833

Nomenclature:

GIARDINAIA de Stefani-Perez, 1902

ANALOSTANIA Viereck, 1916

Ademon decrescens* (Nees, 1811)*Nomenclature:**

Bracon decrescens Nees, 1811

mutuator (Nees, 1811, *Bracon*)

Distribution: England, Scotland, Wales, Ireland

Genus *Apodesmia* Förster, 1863**Nomenclature:**

ALLOTYPUS Förster, 1863

LEMNAPHILOPIUS Fischer, 1972

AGNOPIUS Fischer, 1982

CRYPTOGNATHOPIUS Fischer, 1984

Notes: generic synonymy follows Li et al. (2013)

Apodesmia aemula* (Haliday, 1836)*Nomenclature:**

Opius aemulus Haliday, 1836

melba (Papp, 1978, *Opius*)

Distribution: England, Ireland

Apodesmia curvata* (Fischer, 1957)*Nomenclature:**

Opius curvatus Fischer, 1957

Distribution: England, Scotland

Notes: added by Godfray (1986)

Apodesmia irregularis* (Wesmael, 1835)*Nomenclature:**

Opius irregularis Wesmael, 1835

bipustulata (Fischer, 1958, *Opius*)

Distribution: England, Ireland

Apodesmia ocellata* (Wesmael, 1835)*Nomenclature:**

Opius ocellatus Wesmael, 1835
areolaris (Thomson, 1895, *Opius*)
hungarica (Szépligeti, 1896, *Opius*)
bruta (Papp, 1978, *Opius*)

Distribution: England, Scotland

Apodesmia posticatae* (Fischer, 1957)*Nomenclature:**

Opius posticatae Fischer, 1957
seebensteinensis (Fischer, 1959, *Opius*)
hilaris (Fischer, 1963, *Opius*)
hostium (Fischer, 1964, *Opius*)

Distribution: England, Scotland

Apodesmia rufipes* (Wesmael, 1835)*Nomenclature:**

Opius rufipes Wesmael, 1835
taeniata Förster, 1863
taeniata (Fischer, 1957, *Opius*) preocc.

Distribution: England, Ireland

Apodesmia saeva* (Haliday, 1837)*Nomenclature:**

Opius saevus Haliday, 1837

Distribution: England, Scotland

Apodesmia saevula* (Fischer, 1958)*Nomenclature:**

Opius saevulus Fischer, 1958

Distribution: England

***Apodesmia similis* (Szépligeti, 1898)**

Nomenclature:

Opius similis Szépligeti, 1898

xylostei (Marshall, 1898, *Opius*)

similiformis (Fischer, 1957, *Opius*)

basirufa (Fischer, 1958, *Opius*)

nodata (Fischer, 1958, *Opius*)

periclymenii (Fischer, 1964, *Opius*)

altimontana (Fischer, 1969, *Opius*)

differens (Fischer, 1958, *Opius*)

parvipunctum (Fischer, 1958, *Opius*)

selkirkensis (Fischer, 2006, *Opius*); synonymy by van Achterberg (in prep.)

Distribution: England, Scotland, Ireland

Genus *Atormus* van Achterberg, 1998

***Atormus victus* (Haliday, 1837)**

Nomenclature:

Opius victus Haliday, 1837

tarni (Papp, 1982, *Opius*)

Distribution: England, Scotland, Ireland

Notes: Listed as a synonym of *Opius singularis* in Huddleston (1978).

Genus *Bathystomus* Förster, 1863

Nomenclature:

COMPRESSARIA Königsman, 1959

Notes: Although Wharton (1993) noted that the type (and only included) species of *Compressaria* is the same species as the type of *Bathystomus*, he did not formally synonymise these names and the synonymy has not been picked up on by, e.g. Belokobylskij et al. (2003) and Taxapad (Yu et al. 2012). Wharton (1988b) demonstrated that *Bathystomus* is a valid genus but Belokobylskij et al. (2003) treated it as a synonym of *Diachasma*. Van Achterberg (2014) formally synonymised *Compressaria* and *pugnatrix*. Huddleston (1978) included *Compressaria pugnatrix* as a species of Rogadinae.

Bathystomus xanthopus* Förster, 1863*Nomenclature:**

pugnatrix (Marshall, 1895, *Mesocrina*)

compressiventris (Fischer, 1964, *Opius*); synonymy by van Achterberg (in prep.)

Distribution: England

Genus *Biophthora* Förster, 1863

Notes: Treated as a valid genus following Wharton (2006).

Biophthora bajula* (Haliday, 1837)*Nomenclature:**

Opius bajulus Haliday, 1837

beieri (Fischer, 1968, *Sternaulopius*); synonymy by Wharton (2006)

Distribution: England, Ireland

Genus *Biosteres* Förster, 1863**Nomenclature:**

RHABDOSPIPLUS Förster, 1863

RHINOPLUS Förster, 1863

STENOSPILUS Förster, 1863

ZETETES Förster, 1863 preocc.

OPIELLUS Ashmead, 1900

CELIESTIELLA Cameron, 1903

Biosteres analis* (Wesmael, 1835)*Nomenclature:**

Opius analis Wesmael, 1835

colorativentris (Fischer, 1957, *Opius*)

Distribution: England, Scotland

Biosteres arenarius* (Stelfox, 1959)*Nomenclature:**

Opius arenarius Stelfox, 1959

Distribution: Ireland

***Biosteres bicolor* Wesmael, 1835**

Nomenclature:

vagator (Förster, 1863, *Stenospilus*)

Distribution: Ireland

***Biosteres carbonarius* (Nees, 1834)**

Nomenclature:

Bracon carbonarius Nees, 1834

impressus (Wesmael, 1835, *Opius*)

procerus (Wesmael, 1835, *Opius*)

onzi (Fischer, 1959, *Opius*); synonymy by Achterberg (2014)

Distribution: England, Scotland, Wales, Ireland

Notes: Synonymised under *carbonarius* by Achterberg (1975), *impressus* was removed from synonymy by Fischer (1997), a move which is not accepted by van Achterberg (in prep.). Supporting van Achterberg's synonymy, Godfray (unpublished) has repeatedly reared specimens resembling both 'species' from collections of hosts made at the same place and time.

***Biosteres haemorrhoeus* (Haliday, 1837)**

Nomenclature:

Opius haemorrhoeus Haliday, 1837

castaneiventris (Thomson, 1895, *Opius*)

palaearticus Szépligeti, 1901

Distribution: England, Ireland

***Biosteres magnicornis* (Wesmael, 1835)**

Nomenclature:

Opius magnicornis Wesmael, 1835

Distribution: England, Ireland

Biosteres micans* (Stelfox, 1957)*Nomenclature:**

Opius micans Stelfox, 1957

nitidus (Stelfox, 1949, *Opius*) preocc.

Distribution: Scotland, Ireland

Biosteres placidus* (Haliday, 1837)*Nomenclature:**

Opius placidus Haliday, 1837

melanocerus (Wesmael, 1838, *Opius*)

tarsator (Thomson, 1895, *Opius*)

indotatus Viereck, 1905

Distribution: England, Ireland

Biosteres rusticus* (Haliday, 1837)*Nomenclature:**

Opius rusticus Haliday, 1837

Distribution: England, Scotland, Ireland

Biosteres scabriculus* (Wesmael, 1835)*Nomenclature:**

Opius scabriculus Wesmael, 1835

Distribution: Ireland

Biosteres spinaciae* (Thomson, 1895)*Nomenclature:**

Opius spinaciae Thomson, 1895

pegomyiae (Gahan, 1917, *Opius*)

hyoscyamiellus (Viereck, 1925, *Opius*)

Distribution: England

Notes: added by Godfray (1988)

Biosteres sylvaticus* (Haliday, 1837)*Nomenclature:**

Opius sylvaticus Haliday, 1837
clypealis (Thomson, 1895, *Opius*)
nitidus Szépligeti, 1896

Distribution: England, Scotland, Ireland

Biosteres wesmaelii* (Haliday, 1837)*Nomenclature:**

Opius wesmaelii Haliday, 1837
carbonarius (Wesmael, 1835, *Opius*) preocc.
ultor (Förster, 1863, *Zetetes*)
ultor (Fischer, 1957, *Opius*) preocc.
jonaitisi (Jakimavičius, 1977, *Opius*)

Distribution: England, Scotland

Genus *Bitomoides* van Achterberg, 2004***Bitomoides rugosus* (Wesmael, 1838)****Nomenclature:**

Opius rugosus Wesmael, 1838
rugiventris (Thomson, 1895, *Opius*); synonymy by Achterberg (2014)

Distribution: England

Notes: Listed as British by Kloet and Hincks (1945) but omitted by Huddleston (1978). Material in NMS has been identified by van Achterberg.

Genus *Chilotrichia* Förster, 1863**Nomenclature:**

TRICHOPIUS Thomson, 1895

Chilotrichia blanda* (Haliday, 1837)*Nomenclature:**

Opius blandus Haliday, 1837

Distribution: England, Ireland

Genus *Desmiostoma* Förster, 1863

Notes: Regarded by Wharton (Wharton 1983, Wharton 1988b) as a junior synonym of *Opius*.

***Desmiostoma parvulum* (Wesmael, 1835)**

Nomenclature:

Opius parvulus Wesmael, 1835
nudiscutum (Fischer, 1964, *Opius*)
ziratus (Papp, 1982, *Opius*)
temporale (Fischer, 1958, *Opius*)

Distribution: England, Scotland

Genus *Diachasma* Förster, 1863

Nomenclature:

Atoreuteus Förster, 1863
Lytacra Förster, 1863
Alysopius Tobias, 1976

***Diachasma caffer* (Wesmael, 1835)**

Nomenclature:

Opius caffer Wesmael, 1835
stygium (Förster, 1863, *Lytacra*)

***Diachasma cephalotes* (Wesmael, 1835)**

Nomenclature:

Opius cephalotes Wesmael, 1835

Distribution: England

***Diachasma fulgidum* (Haliday, 1837)**

Nomenclature:

Opius fulgidus Haliday, 1837

Distribution: England, Ireland

Genus *Eurytenes* Förster, 1863

Subgenus *Eurytenes* Förster, 1863

Eurytenes (Eurytenes) abnormis (Wesmael, 1835)

Nomenclature:

Opius abnormis Wesmael, 1835

Distribution: England, Ireland

Notes: According to Walker and Wharton (2011), *Opius paradoxus* Ratzeburg, 1848, sometimes treated as a valid name (synonymous with *abnormis*) should be regarded as invalid as it was first proposed as a synonym of *abnormis*; Walker and Wharton (2011) also provide some locality data.

Eurytenes (Eurytenes) britannicola Fischer, 2006

Distribution: England

Notes: Added by Fischer (2006): mis-placed in *Eurytenes* (van Achterberg, pers. comm.).

Subgenus *Stigmatopoea* Fischer, 1986

Notes: The generic name *Stigmatopoea* has been treated as a synonym of *Xynobius* by Achterberg (2004a) but the type species, *macrocerus*, has been regarded as a species of *Eurytenes*, a genus which was ignored by Achterberg (2004a). Both *Xynobius* and *Stigmatopoea* are treated as subgenera of *Eurytenes*, following Wharton (2006), although Li et al. (2013) again synonymised *Stigmatopoea* with *Xynobius*.

Eurytenes (Stigmatopoea) macrocerus (Thomson, 1895)

Nomenclature:

Opius macrocerus Thomson, 1895

hians (Stelfox, 1949, *Opius*)

Distribution: England, Scotland, Ireland

Subgenus *Xynobius* Förster, 1863

Nomenclature:

ACLISIS Förster, 1863

HOLCONOTUS Förster, 1863

AULONOTUS Ashmead, 1900

ERISTERNAULAX Viereck, 1914

XYNBIOTENES Fischer, 1998

Notes: Generic synonymy from Achterberg (2004a) and Li et al. (2013) but treated as a subgenus of *Eurytenes* by Wharton (2006).

***Eurytenes (Xynobius) aciculatus* (Thomson, 1895)**

Nomenclature:

Opius aciculatus Thomson, 1895

tenuicornis (Thomson, 1895, *Opius*); synonymy by van Achterberg (in prep.)

Distribution: Ireland

***Eurytenes (Xynobius) aemuloides* (Fischer, 1958)**

Nomenclature:

Opius aemuloides Fischer, 1958

Distribution: England

***Eurytenes (Xynobius) caelatus* (Haliday, 1837)**

Nomenclature:

Opius caelatus Haliday, 1837

isomera (Förster, 1863, *Aclisis*)

pallipes Förster, 1863

pallidipes Dalla Torre, 1898

Distribution: England, Scotland, Ireland

***Eurytenes (Xynobius) comatus* (Wesmael, 1835)**

Nomenclature:

Opius comatus Wesmael, 1835

sulcifer (Papp, 1967, *Dapsilarthra*)

Distribution: England, Ireland

Eurytenes (Xynobius) geniculatus* (Thomson, 1895)*Nomenclature:**

Opius geniculatus Thomson, 1895

albicoxis (Marshall, 1898, *Opius*)

Distribution: England, Scotland

Eurytenes (Xynobius) holconotus* (Fischer, 1958)*Nomenclature:**

Opius holconotus Fischer, 1958

Distribution: England

Eurytenes (Xynobius) maculipes* Wesmael, 1835*Nomenclature:**

addendus Fischer, 1959

turcmenicus Fischer, 1959

Distribution: England, Ireland

Eurytenes (Xynobius) polyzonius* (Wesmael, 1835)*Nomenclature:**

Opius polyzonius Wesmael, 1835

Distribution: England, Scotland

Eurytenes (Xynobius) silenis* (Fischer, 1967)*Nomenclature:**

Diachasma silenis Fischer, 1967

Distribution: Wales

Notes: Described from Welsh material (Fischer 1967) but omitted by Huddleston (1978).

Eurytenes (Xynobius) thomsoni* (Fischer, 1971)*Nomenclature:**

Opius thomsoni Fischer, 1971

annulicornis (Thomson, 1895, *Opius*) preocc.

Distribution: England

***Eurytenes (Xynobius) sp. A* van Achterberg, in prep.**

Distribution: England

Notes: reared by Godfray, in NMS

Genus *Neopius* Gahan, 1917

Notes: Raised from synonymy with *Phaedrotoma* by Li et al. (2013).

***Neopius rudis* (Wesmael, 1835)**

Nomenclature:

Opius rudis Wesmael, 1835

carinaticeps Gahan, 1917

Distribution: England, Ireland

Genus *Opiognathus* Fischer, 1972

Notes: Raised from synonymy with *Phaedrotoma* by Li et al. (2013).

***Opiognathus pactus* (Haliday, 1837)**

Nomenclature:

Opius pactus Haliday, 1837

Distribution: England, Ireland

Genus *Opiostomus* Fischer, 1972

Nomenclature:

SNOFLAKOPIUS Fischer, 1972

JUCUNDOPIUS Fischer, 1984

OETZALOTENES Fischer, 1998

OPIOTENES Fischer, 1998

Notes: Raised from synonymy with *Opius* by Li et al. (2013), who report the generic synonymy.

Opiostomus aureliae* (Fischer, 1957)*Nomenclature:**

Opius aureliae Fischer, 1957

Distribution: England, Scotland

Notes: added by Godfray and Achterberg (2015)

Opiostomus campanariae* (Fischer, 1959)*Nomenclature:**

Opius campanariae Fischer, 1959

Distribution: Scotland

Notes: added by Godfray and Achterberg (2015)

Opiostomus griffithsi* (Fischer, 1962)*Nomenclature:**

Opius griffithsi Fischer, 1962

Distribution: England

Opiostomus leptostigma* (Wesmael, 1835)*Nomenclature:**

Opius leptostigma Wesmael, 1835

percontator (Fischer, 1964, *Opius*)

Distribution: England, Scotland

Notes: Recorded as a British species by various authors, latterly by Fischer (1967), and reared recently by Godfray (unpublished), but omitted by Huddleston (1978).

Genus *Opius* Wesmael, 1835**Nomenclature:**

CRYPTONASTES Förster, 1863

HYPOCYNODUS Förster, 1863

HYPOLABIS Förster, 1863

MISOPHTHORA Förster, 1863

DESMATOPHORUS Thomson, 1895

ALLOPHLEBUS Fischer, 1972

NOSOPAEOPIUS Fischer, 1972

OPIOTHORAX Fischer, 1972

PENDOPIUS Fischer, 1972

STOMOSEMA Fischer, 1972

ODONTOPOEA Fischer, 1987

Notes: Restricted by Achterberg and Salvo (1997) to a group of species with distinctive mandibles.

***Opius agromyzicola* Fischer, 1967**

Distribution: England

***Opius ambiguus* Wesmael, 1835**

Nomenclature:

celsus Haliday, 1837; synonymy by Achterberg (2014)

longipes Fischer, 1957

phytomyzae Fischer, 1957

Distribution: England, Scotland, Ireland

***Opius brevipalpis* Thomson, 1895**

Nomenclature:

mutus Fischer, 1964

gyoerfii Fischer, 1958; synonymy by Achterberg (2014)

Distribution: England

***Opius caudifer* Fischer, 1958**

Nomenclature:

longicornis misident.

Distribution: England

Notes: Listed as a synonym of *longicornis* Thomson, 1895, in Taxapad (Yu et al. 2012), regarded as a separate, valid species by van Achterberg (in prep.). Recorded as British by Fischer (1967) as *longicornis* but omitted by Huddleston (1978).

Opius cingulatus* Wesmael, 1835*Nomenclature:***dentifer* Thomson, 1895*stramineipes* Thomson, 1895***Opius compar* Marshall, 1894****Nomenclature:***pulchrithorax* Fischer, 1958***Opius crassipes* Wesmael, 1835****Distribution:** England***Opius flammeus* Fischer, 1959****Distribution:** England***Opius funebris* Wesmael, 1835****Nomenclature:***latipes* misident.**Distribution:** England, Ireland**Notes:** Listed as a synonym of *pygmaeator* in Taxapad (Yu et al. 2012), regarded as a separate, valid species (= *latipes* sensu Fischer) by van Achterberg (in prep.).***Opius fuscipennis* Wesmael, 1835****Distribution:** England**Notes:** Fischer (1960) mistakenly listed this species as *fuscipennis* (Szépligeti, 1914, *Rhinoplus*) (van Achterberg, pers. comm.), a separate species now placed in the genus *Pseudorhinoplus* Fischer, 1972.***Opius gracilis* Fischer, 1957****Nomenclature:***csikii* Fischer, 1957*minor* Fischer, 1957*nigrithorax* Fischer, 1958 preocc.**Distribution:** England

Opius instabilis* Wesmael, 1835**Opius levis* Wesmael, 1835****Nomenclature:**

apiculator (Nees, 1834, *Bracon*)

filicornis Thomson, 1895

varipes Szépligeti, 1898

Distribution: England, Wales, Ireland

Notes: *Opius filicornis* was recorded as new to Britain by Godfray (1986) but synonymised with *levis* by van Achterberg (in Belokobylskij et al. 2003).

***Opius lucidus* Szépligeti, 1896**

Distribution: England, Scotland

Opius lugens* Haliday, 1837*Nomenclature:**

abscissus Thomson, 1895

obscurus Szépligeti, 1901

adveniens Fischer, 1960

Distribution: England, Ireland

Opius nigricoloratus* Fischer, 1958*Nomenclature:**

dureseau Fischer, 1975; synonymy by Achterberg (2014)

Distribution: Scotland, Wales

Notes: added by Godfray and Achterberg (2015)

Opius ochrogaster* Wesmael, 1835*Nomenclature:**

nigriceps Szépligeti, 1898

neopusillus Fischer, 1957

Distribution: England, Scotland, Ireland

Opius orbiculator* (Nees, 1811)*Nomenclature:**

Bracon orbiculator Nees, 1811

breviscapus Thomson, 1895

Distribution: Ireland

Opius pallipes* Wesmael, 1835*Nomenclature:**

exilis Haliday, 1837; synonymy by Achterberg (1997)

pallidipes (Marshall, 1872, *Hypolabis*)

liopleuris Thomson, 1895

piceus Thomson, 1895

adaequator (Fischer, 1964, *Hypolabis*) nom. nud.

lividipes (Fischer, 1964, *Hypolabis*) nom. nud.

subsulcatus (Fischer, 1964, *Hypolabis*) nom. nud.

extusus Papp, 1981

cisromensis Papp, 1982

Distribution: England, Scotland, Wales, Ireland

Opius pendulus* Haliday, 1837*Nomenclature:**

latipes Fischer, 1958

Distribution: England, Ireland

***Opius phytobiae* Fischer, 1959**

Distribution: England

Notes: added by Godfray (1986)

***Opius propodealis* Fischer, 1958**

Distribution: England

Opius pygmaeator* (Nees, 1811)*Nomenclature:**

Bracon pygmaeator Nees, 1811

ruminans Fischer, 1957

dilatatus Fischer, 1960

meracus Fischer, 1960

Distribution: England, Ireland

***Opius pygmaeus* Fischer, 1962**

Distribution: England

Opius singularis* Wesmael, 1835*Nomenclature:**

clarus Haliday, 1836; synonymy by Fischer (1997)

spretus Haliday, 1836; synonymy by Fischer (1997)

vindex Haliday, 1837; synonymy by van Achterberg (in prep.)

arenosus Szépligeti, 1898

Distribution: England, Ireland

Notes: Both *clarus* and *spretus* were also synonymised by Achterberg (1997) but Fischer's publication pre-dated this.

***Opius soenderupianus* Fischer, 1967**

Distribution: England

Notes: added by Godfray and Achterberg (2015)

***Opius tenellae* Fischer, 1969**

Distribution: Scotland, Ireland

Genus *Phaedrotoma* Förster, 1863**Nomenclature:**

EUTRICHOPSIS Förster, 1863

NOSOPOEA Förster, 1863

TOLBIA Cameron, 1907

BRACHYCENTRUS Szépligeti, 1907
COELOREUTEUS Roman, 1910
HEXAULAX Cameron, 1910
BAEOCENTRUM Schulz, 1911
NEODIOSPILUS Szépligeti, 1911
NEOPIUS Fischer, 1965
EUOPIUS Fischer, 1967
GASTROSEMA Fischer, 1972
GERIUS Fischer, 1972
GRIMNIRUS Fischer, 1972
HOENIRUS Fischer, 1972
MEROTRACHYS Fischer, 1972
MIMIRUS Fischer, 1972
PHLEBOSEMA Fischer, 1972
NEOPHEDRUS Samanta, Tamili, Saha & Raychaudhuri, 1983
ADONTOPIUS Fischer, 1984
KAINOPAEOPIUS Fischer, 1987
MILLENIOPIUS Fischer, 1996
NEOTROPOPIUS Fischer, 1999

Notes: *Phaedrotoma* was raised from synonymy with *Opius* by Achterberg and Salvo (1997) to accommodate many species previously placed in *Opius*. Generic synonymy follows Li et al. (2013).

species of *Phaedrotoma* excluded from the British and Irish list:

[*viennensis* (Fischer, 1959, *Opius*)] Listed by Huddleston (1978) but we cannot trace any published records or specimens.

***Phaedrotoma aethiops* (Haliday, 1837)**

Nomenclature:

Opius aethiops Haliday, 1837

Distribution: England, Ireland

Phaedrotoma caesa* (Haliday, 1837)*Nomenclature:**

Opius caesus Haliday, 1837

punctiventris (Thomson, 1895, *Opius*)

subtilis (Szépligeti, 1898, *Opius*)

hydrelliae (Rimsky-Korsakov, 1925, *Opius*)

hydrelliae (Muesebeck, 1933, *Opius*) preocc.

aquatica (Muesebeck, 1967, *Opius*)

hydrelliana (Fischer, 1971, *Opius*)

Distribution: England, Ireland

Phaedrotoma curvata* (Fischer, 1957)*Nomenclature:**

Opius curvatus Fischer, 1957

Distribution: Scotland

Notes: added by Godfray (1986)

Phaedrotoma decorata* (Stelfox, 1949)*Nomenclature:**

Opius decoratus Stelfox, 1949

Distribution: Ireland

Phaedrotoma depeculator* (Förster, 1863)*Nomenclature:**

Opius depeculator Förster, 1863

semiaciculata (Stelfox, 1949, *Opius*)

Distribution: England, Ireland

Phaedrotoma diversa* (Szépligeti, 1898)*Nomenclature:**

Opius diversus Szépligeti, 1898

Distribution: England

Notes: Recorded as British by Fischer (1960) but omitted by Huddleston (1978).

***Phaedrotoma exigua* (Wesmael, 1835)**

Nomenclature:

Opius exiguus Wesmael, 1835

Distribution: England, Ireland

***Phaedrotoma fallax* (Szépligeti, 1896)**

Nomenclature:

Opius fallax Szépligeti, 1896

Distribution: England

Notes: Listed as a synonym of *Opius instabilis* in Taxapad (Yu et al. 2012) but regarded as a valid species, in *Phaedrotoma*, by van Achterberg (in prep.).

***Phaedrotoma fasciata* (Thomson, 1895)**

Nomenclature:

Opius fasciatus Thomson, 1895

comparanda (Fischer, 1958, *Opius*)

Distribution: England

***Phaedrotoma heringi* (Fischer, 1962)**

Nomenclature:

Opius heringi Fischer, 1962

Distribution: Ireland

***Phaedrotoma instabiloides* (Fischer, 1959)**

Nomenclature:

Opius instabiloides Fischer, 1959

Distribution: Ireland

***Phaedrotoma minusculae* (Fischer, 1967)**

Nomenclature:

Opius minusculae Fischer, 1967

Distribution: England

***Phaedrotoma monticola* (Szépligeti, 1898)**

Nomenclature:

Opius monticola Szépligeti, 1898

Distribution: England

Notes: added by Fischer (1997)

***Phaedrotoma munda* (Förster, 1863)**

Nomenclature:

Eutrichopsis munda Förster, 1863

munda (Fischer, 1957, *Opius*) preocc.

Distribution: England

***Phaedrotoma nitidulator* (Nees, 1834)**

Nomenclature:

Opius nitidulator Nees, 1834

vittata (Ruschka, 1915, *Opius*) preocc.

***Phaedrotoma novojariae* (Fischer, 2006)**

Nomenclature:

Opius novojariae Fischer, 2006

stigmatocauda (Fischer, 2006, *Eurytenes*); synonymy by van Achterberg (in prep.)

Distribution: England

Notes: added by Fischer (2006)

***Phaedrotoma paraphytomyzae* (Fischer, 2005)**

Nomenclature:

Opius paraphytomyzae Fischer, 2005

Distribution: England

Notes: added by Fischer (2005)

Phaedrotoma pulchriceps* (Szépligeti, 1898)*Nomenclature:**

Opius pulchriceps Szépligeti, 1898

ilicis (Nixon, 1939, *Opius*)

pulcherrimus (Fischer, 1958, *Opius*)

pulchriventris (Fischer, 1958, *Opius*); synonymy by Achterberg (2014)

vexator (Fischer, 1964, *Opius*)

affectus (Papp, 1981, *Opius*)

Distribution: England, Ireland

Phaedrotoma recondes* van Achterberg, 2004*Nomenclature:**

reconditor misident.

Notes: Added by van Achterberg in [Fauna Europaea](#); described by van Achterberg because the material named *Opius reconditor* (now classified in *Rhogadopsis*) by authors (e.g. Fischer 1972, Fischer and Koponen 1999) is not conspecific with the type. Both species apparently occur in Britain.

Phaedrotoma reptantis* (Fischer, 1957)*Nomenclature:**

Opius reptantis Fischer, 1957

Distribution: England, Scotland

Notes: Listed as a synonym of *Opius ambiguus* in Taxapad (Yu et al. 2012) but regarded as a valid species, in *Phaedrotoma*, by van Achterberg (in prep.).

Phaedrotoma rex* (Fischer, 1958)*Nomenclature:**

Opius rex Fischer, 1958

Distribution: England

Phaedrotoma rudiformis* (Fischer, 1958)*Nomenclature:**

Opius rudiformis Fischer, 1958

uligiloci (Fischer, 2006, *Opius*); synonymy by Achterberg (2014)

Distribution: England

***Phaedrotoma staryi* Fischer, 1958**

Nomenclature:

sitagrus Papp, 1982

Distribution: England, Scotland

***Phaedrotoma tacita* (Haliday, 1837)**

Nomenclature:

Opius tacitus Haliday, 1837

Distribution: England

Notes: omitted by Huddleston (1978)

***Phaedrotoma variegata* (Szepliget, 1896)**

Nomenclature:

Opius variegatus Szepliget, 1896

Distribution: England, Scotland, Ireland

Genus *Rhogadopsis* Brèthes, 1913

Nomenclature:

LISSEMA Fischer, 1972

Notes: Raised from synonymy with *Phaedrotoma* by Li et al. (2013).

***Rhogadopsis reconditor* (Wesmael, 1835)**

Nomenclature:

Opius reconditor Wesmael, 1835

docilis (Haliday, 1837, *Opius*)

parvungula Thomson, 1895

Distribution: England, Ireland

Notes: *Opius docilis* was synonymised with *reconditor* by Achterberg (1997) but listed as a separate species in Taxapad (Yu et al. 2012); re-synonymised by Achterberg (2014).

Genus *Utetes* Förster, 1863

Nomenclature:

THEROBOLUS Förster, 1863

FREKIUS Fischer, 1971; synonymy by Wharton (2006)

Notes: species of *Utetes* excluded from the British and Irish list:

[*christenseni* (Papp, 1982, *Opius*)] Listed in [Fauna Europaea](#) as occurring in Britain, but presumably mistakenly as no literature or specimen records can be located. Known only from Georgia, Greece and Ukraine (data from Yu et al. 2012).

Utetes caudatus (Wesmael, 1835)

Nomenclature:

Opius caudatus Wesmael, 1835

exsertus (Thomson, 1895, *Opius*)

Distribution: England

Notes: Listed as English by Fischer and Koponen (1999), presumably following Fischer (1958), but not listed in Huddleston (1978).

Utetes coracinus (Thomson, 1895)

Nomenclature:

Opius coracinus Thomson, 1895

Distribution: England

Notes: BMNH, det. Fischer, added in [Fauna Europaea](#); there may be a literature citation for its occurrence in Britain (van Achterberg, pers. comm.) but we have been unable to trace it.

Utetes fulvicollis (Thomson, 1895)

Nomenclature:

Opius fulvicollis Thomson, 1895

cupidus (Gahan, 1919, *Opius*)

Distribution: England

Notes: added by Godfray (1986)

Utetes rotundiventris* (Thomson, 1895)*Nomenclature:**

Opius rotundiventris Thomson, 1895

Distribution: England

Utetes ruficeps* (Wesmael, 1835)*Nomenclature:**

Opius ruficeps Wesmael, 1835

Distribution: England

Utetes testaceus* (Wesmael, 1838)*Nomenclature:**

Opius testaceus Wesmael, 1838

Distribution: England

Utetes truncatus* (Wesmael, 1838)*Nomenclature:**

Opius truncatus Wesmael, 1838

Distribution: England

Utetes zelotes* (Marshall, 1891)*Nomenclature:**

Opius zelotes Marshall, 1891

insertus (Fischer, 1971, *Opius*)

incertus misspelling

Distribution: England, Scotland

Orgilinae

Subfamily Orgilinae Ashmead, 1900

Genus *Orgilus* Haliday, 1833

Nomenclature:

ISCHIUS Wesmael, 1837

MACROPALPUS Ratzeburg, 1844

ORESIMUS Ashmead, 1900

ORGILOMORPHA Ashmead, 1900

ISCHIOLUS Hellén, 1958

Notes: Taxonomic and much distribution data from Taeger (1989).

Orgilus achterbergi Taeger, 1989

Distribution: England

Notes: added by Taeger (1989)

Orgilus dovnari Tobias, 1986

Nomenclature:

ukrainicus Tobias, 1986

Distribution: England

Notes: NMS, det. Taeger, added here

Orgilus interjectus Taeger, 1989

Distribution: England

Notes: added by Taeger (1989)

Orgilus ischnus Marshall, 1898

Nomenclature:

subtilirugosus Papp, 1971

Distribution: England, Wales

Orgilus leptcephalus* Hartig, 1838*Nomenclature:**

obscurator misident.

rugulosus Fahringer, 1937

hyperboreus Hellén, 1958

Distribution: Ireland

Notes: Although Taeger (1989) clarified the identity of *obscurator* auctt. as *leptcephalus*, this species was recorded as *obscurator* by O'Connor et al. (1999).

***Orgilus minor* Taeger, 1989**

Distribution: England

Notes: NMS, det. Taeger, added here

Orgilus parvipennis* Thomson, 1895*Nomenclature:**

micropterus Morley, 1907

macroptera (Rudow, 1917, *Aptesis*)

decoratus Hellén, 1946

curtipennis Fischer, 1958

discolor Hellén, 1958

Distribution: England, Scotland

Orgilus pimpinellae* Niezabitowski, 1910*Nomenclature:**

laevigator misident.

Distribution: England, Scotland, Ireland

Notes: Added by Taeger (1989); apparently recorded as Irish under the name *Microdus laevigator* Nees, 1812 (O'Connor et al. 1999), which is listed as a species inquirendae by Taeger (1989).

Orgilus punctulator* (Nees, 1811)*Nomenclature:**

Microdus punctulator Nees, 1811

rufiventris Fahringer, 1937

Distribution: England

Notes: added by Taeger (1989)

***Orgilus rugosus* (Nees, 1834)**

Nomenclature:

Microgaster rugosus Nees, 1834

Distribution: England

Notes: NMS, det. Taeger, added here

***Orgilus tobiasi* Taeger, 1989**

Distribution: Wales, Ireland

Notes: added by Taeger (1989)

Pambolinae

Subfamily Pambolinae Marshall, 1885

Tribe Chremylini Hellén, 1957

Genus *Chremylus* Haliday, 1833

Nomenclature:

PENECERUS Wesmael, 1838

PARAMESOCRINA Nagamori, 1925

***Chremylus elaphus* Haliday, 1833**

Nomenclature:

rubiginosus (Nees, 1834, *Hormius*)

transversus (Say, 1836, *Bracon*)

nigriceps Ashmead, 1893

terminalis Ashmead, 1893

japonicus Ashmead, 1896

tineavorus (Nagamori, 1925, *Paramesocrina*)

Distribution: England, Ireland

Tribe Pambolini Marshall, 1885

Genus *Dimeris* Ruthe, 1854

Nomenclature:

PARAPTESIS Magretti, 1884

***Dimeris mira* Ruthe, 1854**

Nomenclature:

melanocephala (Marshall, 1870, *Pambolus*)

flavipes (Magretti, 1884, *Paraptesis*)

aptera Marshall, 1885

inermis Fitch, 1885

Distribution: England

Genus *Pambolus* Haliday, 1836

Subgenus *Phaenodus* Förster, 1863

***Pambolus (Phaenodus) pallipes* (Förster, 1863)**

Nomenclature:

Phaenodus pallipes Förster, 1863

flavipes (Förster, 1863, *Araphis*)

pallidipes (Marshall, 1897, *Phaenodus*)

chalveri (Docavo, 1960, *Phaenodus*)

Distribution: England, Scotland

Notes: added by Belokobylskij (1986)

Subgenus *Pambolus* Haliday, 1836

Nomenclature:

ARAPHIS Ruthe, 1854

ARRHAPHIS misspelling

ARHAPHIS misspelling

FOLCHINIA Kieffer, 1906

PARAMBOLUS Dahl, 1912

Notes: species of *Pambolus* (*Pambolus*) excluded from the British and Irish list:

[*biglumis* (Haliday, 1836, *Rogas*); syn. *rosenhaueri* (Ratzeburg, 1852, *Pezomachus*); *dubius* (Fitch, 1885, *Araphis*); *imminens* (Fitch, 1885, *Araphis*)] Included as British in [Fauvel 1906](#) and Taxapad (Yu et al. 2012) (but not by Huddleston 1978); this seems to be on the basis of Fitch's descriptions of the synonymous names *dubius* and *imminens* in Marshall's (Marshall 1885) monograph of British Braconidae. However, the types of Fitch's species are from the Ruthe collection of German material and we have seen no British or Irish specimens of *biglumis*.

Rhysipolinae

Subfamily Rhysipolinae Belokobylskij, 1984

Genus *Pseudavga* Tobias, 1964

Pseudavga flavicoxa Tobias, 1964

Nomenclature:

rustus (Papp, 1991, *Rhysipolis*)

Distribution: England

Notes: added by Shaw and Sims (2015)

Genus *Rhysipolis* Förster, 1863

Notes: Most synonymy has been omitted; published taxonomy has been confused and there are several more species present than have been recorded in the literature, with the application of names not yet settled.

Rhysipolis decorator (Haliday, 1836)

Nomenclature:

Rogas decorator Haliday, 1836

ruficeps (Wesmael, 1838, *Exothecus*)

ruficornis (Szépligeti, 1896, *Xenarcha*)

Distribution: England, Scotland, Isle of Man

Notes: some distribution data from Shaw and Askew (1976)

***Rhysipolis hariolator* (Haliday, 1836)**

Nomenclature:

Rogas hariolator Haliday, 1836

barbatus (Wesmael, 1838, *Exotheucus*)

Distribution: England, Scotland

Notes: some distribution data from Shaw and Askew (1976)

***Rhysipolis mediator* (Haliday, 1836)**

Nomenclature:

Rogas mediator Haliday, 1836

Distribution: England, Scotland

***Rhysipolis variabilis* (Szépligeti, 1896)**

Nomenclature:

Xenarcha variabilis Szépligeti, 1896

Distribution: England

Notes: NMS, det. Shaw & van Achterberg, added here; treated as a synonym of *mediator* by Belokobylskij and Tobias (1986) and Belokobylskij et al. (2003) but here treated as a valid species.

***Rhysipolis varicoxa* (Thomson, 1892)**

Nomenclature:

Exotheucus varicoxa Thomson, 1892

Distribution: England

Notes: NMS, det. Shaw & van Achterberg, added here; treated as a synonym of *mediator* by Belokobylskij and Tobias (1986) and Belokobylskij et al. (2003) but here treated as a valid species.

Rhyssalinae

Subfamily Rhyssalinae Förster, 1863

Nomenclature:

HISTEROMERINAE Fahringer, 1930

Tribe Acrisidini Hellén, 1957

Genus *Acrisis* Förster, 1863

Nomenclature:

EUCHASMUS Marshall, 1888

EPISIGALPHUS Ashmead, 1900

Acrisis exiguus (Marshall, 1888)

Nomenclature:

Euchasmus exiguus Marshall, 1888

Distribution: England

Genus *Proacrisis* Tobias, 1983

Notes: Treated as a synonym of *Acrisis* in [Fauna Europaea](#), as a separate genus by Belokobylskij et al. (2003).

Proacrisis acutus Tobias, 1983

Distribution: England

Notes: NMS, det. Shaw & van Achterberg, added here

Proacrisis rarus Tobias, 1983

Distribution: England

Notes: NMS, det. Shaw & van Achterberg, added on [Fauna Europaea](#)

Tribe Histeromerini Fahringer, 1930

Notes: Zaldívar-Riverón et al. (2006) and Sharanowski et al. (2011) both found, on the basis of molecular phylogenetic results, that the morphologically and biologically aberrant genus *Histeromerus* belongs in Rhyssalinae; however, there is as yet no indication as to how *Histeromerus* can be accommodated within the existing tribal classification of Rhyssalinae, so we simply use Histeromerini for now.

Genus *Histeromerus* Wesmael, 1838**Nomenclature:**

MITHOTYNIA Hedqvist, 1976

Histeromerus mystacinus* Wesmael, 1838*Nomenclature:**

apterus (Hedqvist, 1976, *Mithotynia*)

Distribution: England, Wales, Ireland

Notes: distribution data from Shaw (1995) and the Horniman Museum

Tribe Rhyssalini Förster, 1863**Genus *Dolopsidea* Hincks, 1944****Nomenclature:**

DOLOPS Marshall, 1889 preocc.

EXONTSIRA Belokobylskij, 1982

Dolopsidea indagator* (Haliday, 1836)*Nomenclature:**

Rogas indagator Haliday, 1836

tuberculata (Wesmael, 1838, *Exotheucus*)

aculeator (Marshall, 1889, *Dolops*)

hastifer (Marshall, 1889, *Dolops*)

caucasica (Tobias, 1976, *Doryctodes*)

rhodopea (Zaykov, 1980, *Rhyssalus*)

Distribution: England, Scotland, Ireland

Notes: some distribution data from Shaw (1993)

Genus *Oncophanes* Förster, 1863**Nomenclature:**

EPIRHYSALUS Ashmead, 1900

Oncophanes minutus* (Wesmael, 1838)*Nomenclature:**

Exotheclus minutus Wesmael, 1838

lanceolator (Nees, 1834, *Bracon*) preocc.

laevigatus (Ratzeburg, 1852, *Bracon*)

Distribution: England, Wales, Scotland

Notes: Traditionally treated as a species separate from *minutus* (e.g. Huddleston 1978; [Fauna Europaea](#)), *laevigatus* was synonymised by Belokobylskij (1998); we follow this, although it seems likely that there are two species involved.

Genus *Pseudobathystomus* Belokobylskij, 1986***Pseudobathystomus funestus* (Haliday, 1836)****Nomenclature:**

Rogas funestus Haliday, 1836

schmiedeknechti (Fahringer, 1930, *Bathystomus*)

Distribution: England, Scotland

Notes: Listed as a species of *Rhysipolis* in Huddleston (1978).

Pseudobathystomus tobiasi* (Zaykov, 1980)*Nomenclature:**

Oncophanes tobiasi Zaykov, 1980

Distribution: England, Scotland

Notes: NMS, det. Shaw & van Achterberg, added on [Fauna Europaea](#)

***Pseudobathystomus vernalis* Belokobylskij, 1994**

Distribution: England, Scotland

Notes: NMS, det. Shaw & van Achterberg, added on [Fauna Europaea](#)

Genus *Rhyssalus* Haliday, 1833**Nomenclature:***EURHOPTROCENTRUS* Tobias, 1977***Rhyssalus clavator* Haliday, 1833****Distribution:** England, Scotland, Ireland, Isle of Man***Rhyssalus longicaudis* (Tobias & Belokobylskij, 1991)****Nomenclature:***Eurhoptrocentrus longicaudis* Tobias & Belokobylskij, 1991**Distribution:** Wales**Notes:** NMS, det. Shaw & van Achterberg, added on [Fauna Europaea](#)**Rogadinae****Subfamily Rogadinae Förster, 1863****Notes:** Distribution data mostly from NMS and BMNH.**Tribe Aleiodini Muesebeck, 1928****Notes:** Resurrected by Zaldívar-Riverón et al. (2008b).**Genus *Aleiodes* Wesmael, 1838****Nomenclature:***ROGAS* misident.*RHOGAS* misident.*PETALODES* Wesmael, 1838*NEORHOGAS* Szépligeti, 1906*CHELONORHOGAS* Enderlein, 1912**Notes:** *Aleiodes* species are further subdivided in Taxapad (Yu et al. 2012) into the subgenera *Aleiodes*, *Chelonorhogas*, *Neorhogas* and *Heterogamus* (for those occurring in Britain); the latter is considered here to be a distinct genus (see note under *Heterogamus*).

species of *Aleiodes* excluded from the British and Irish list:

[*arcticus* (Thomson, 1892, *Rogas*)] MRS has seen the specimens that this record is based upon (in Ipswich Museum) and they are not *arcticus*.

***Aleiodes albitibia* (Herrich-Schäffer, 1838)**

Nomenclature:

Rogas albitibia Herrich-Schäffer, 1838

heterogaster Wesmael, 1838

Distribution: England, Scotland, Wales, Ireland

***Aleiodes alternator* (Nees, 1834)**

Nomenclature:

Rogas alternator Nees, 1834

geniculator misident.

balteatus (Curtis, 1834, *Rogas*)

Distribution: England, Scotland, Wales, Ireland

***Aleiodes apicalis* (Brullé, 1832)**

Nomenclature:

Bracon apicalis Brullé, 1832

ductor misident., in part

reticulator (Nees, 1834, *Rogas*)

Distribution: England

Notes: to be added by van Achterberg & Shaw (in prep.); just one British specimen of this Mediterranean species, considered to be an erratic. Synonymy anticipates van Achterberg & Shaw (in prep.).

***Aleiodes apiculatus* (Fahringer, 1932)**

Nomenclature:

Rhogas apiculatus Fahringer, 1932

Distribution: England

Notes: to be added by van Achterberg & Shaw (in prep.)

Aleiodes assimilis* (Nees, 1812)*Nomenclature:**

Bracon assimilis Nees, 1812

bicolor misident., in part

zygaenae (Nees, 1834, *Rogas*)

Distribution: England, Scotland, Ireland

Notes: added by Schwarz and Shaw (2000)

Aleiodes aterrimus* (Ratzeburg, 1852)*Nomenclature:**

Bracon aterrimus Ratzeburg, 1852

grandis Giraud, 1857

Distribution: England

Aleiodes bicolor* (Spinola, 1808)*Nomenclature:**

Bracon bicolor Spinola, 1808

Distribution: England, Scotland, Wales, Ireland

Aleiodes cantherius* (Lyle, 1919)*Nomenclature:**

Rhogas cantherius Lyle, 1919

Distribution: England

Aleiodes circumscriptus* (Nees, 1834)*Nomenclature:**

Rogas circumscriptus Nees, 1834

Distribution: England, Scotland, Wales, Ireland

Notes: Sensu neotype (to be published by van Achterberg & Shaw, in prep.).

Aleiodes compressor* (Herrich-Schäffer, 1838)*Nomenclature:**

Rogas compressor Herrich-Schäffer, 1838

unicolor (Wesmael, 1838, *Petalodes*) preocc.

Distribution: England, Scotland, Wales

Aleiodes coxalis* (Spinola, 1808)*Nomenclature:**

Rogas coxalis Spinola, 1808

ater (Curtis, 1834, *Rogas*)

tristis Wesmael, 1838

Distribution: England, Scotland, Isle of Man

Notes: Anticipates synonymy to be published by van Achterberg & Shaw (in prep.).

Aleiodes crassipes* (Thomson, 1892)*Nomenclature:**

Rogas crassipes Thomson, 1892

Distribution: Wales

Notes: to be added by van Achterberg & Shaw (in prep.)

Aleiodes cruentus* (Nees, 1834)*Nomenclature:**

Rogas cruentus Nees, 1834

Distribution: England

Aleiodes dissector* (Nees, 1834)*Nomenclature:**

Rogas dissector Nees, 1834

aestivalis (Vollenhoven, 1858, *Phylax*)

Distribution: England, Scotland

Aleiodes fortipes* (Reinhard, 1863)*Nomenclature:**

Rogas fortipes Reinhard, 1863

freyi (Hellén, 1927, *Rhogas*)

Distribution: England

Notes: to be added by van Achterberg & Shaw (in prep.)

Aleiodes gastritor* (Thunberg, 1824)*Nomenclature:**

Ichneumon gastritor Thunberg, 1824

circumscriptus misident., in part

testaceus misident., in part

Notes: Distribution data are not given as this name covers an aggregate of at least four species in Britain (van Achterberg & Shaw, in prep.). Further, it is not clear to which the name *gastritor* should be applied. *Bracon testaceus* Spinola, 1808 is actually *Rogas luteus*, and '*Aleiodes testaceus* (Spinola)' is not a valid taxon, although it has been applied to several small, orangeish *Aleiodes*, especially in the *gastritor* aggregate.

Aleiodes grassator* (Thunberg, 1824)*Nomenclature:**

Ichneumon grassator Thunberg, 1824

carbonarius Giraud, 1857

flavipalpis (Thomson, 1892, *Rogas*)

Distribution: England, Scotland

Notes: Anticipates synonymy to be published by van Achterberg & Shaw (in prep.).

Aleiodes heterostigma* (Stelfox, 1953)*Nomenclature:**

Rogas heterostigma Stelfox, 1953

Distribution: Wales, Ireland

Aleiodes hirtus* (Thomson, 1892)*Nomenclature:**

Rogas hirtus Thomson, 1892

Distribution: England, Scotland

Notes: To be added by van Achterberg & Shaw (in prep.); treated as a synonym of *pallidicornis* by Belokobylskij et al. (2003), following Papp (1985).

***Aleiodes modestus* (Reinhard, 1863)**

Nomenclature:

Rogas modestus Reinhard, 1863

piceus (Fahringer, 1932, *Rhogas*)

Distribution: England, Scotland, Wales

***Aleiodes nigriceps* Wesmael, 1838**

Distribution: England, Scotland, Wales, Ireland

Notes: to be added by van Achterberg & Shaw (in prep.); listed as a subspecies of *circumscriptus* in Taxapad (Yu et al., 2012), following Papp (1999c) and other authors.

***Aleiodes nigricornis* Wesmael, 1838**

Distribution: England, Scotland, Wales, Ireland

***Aleiodes nobilis* (Haliday, 1834)**

Nomenclature:

Rogas nobilis Haliday, 1834

ductor misident., in part

medianus (Thomson, 1892, *Rogas*)

Distribution: England, Scotland, Ireland

Notes: Brought out of synonymy with *ductor* by Achterberg (1997).

***Aleiodes pallidator* (Thunberg, 1824)**

Nomenclature:

Ichneumon pallidator Thunberg, 1824

ochraceus (Curtis, 1834, *Rogas*)

unicolor Wesmael, 1838

?*pellucens* (Telenga, 1941, *Rhogas*)

Distribution: England

Notes: some distribution data from Shaw (1977), Shaw (1981)

***Aleiodes pallidicornis* (Herrich-Schäffer, 1838)**

Nomenclature:

Rogas pallidicornis Herrich-Schäffer, 1838

ductor misident., in part

Distribution: Scotland

Notes: to be added by van Achterberg & Shaw (in prep.); specimen in BMNH (seen by MRS).

***Aleiodes pictus* (Herrich-Schäffer, 1838)**

Nomenclature:

Rogas pictus Herrich-Schäffer, 1838

borealis misident., in part

circumscriptus misident., in part

nigriceps misident., in part

Distribution: England, Scotland, Wales, Ireland

Notes: to be added by van Achterberg & Shaw (in prep.)

***Aleiodes praetor* (Reinhard, 1863)**

Nomenclature:

Rogas praetor Reinhard, 1863

luteus (Szépligeti, 1906, *Neorhogas*)

Distribution: England

***Aleiodes pulchripes* Wesmael, 1838**

Distribution: England, Ireland, Isle of Man

Notes: some distribution data from Shaw (1979)

***Aleiodes punctipes* (Thomson, 1892)**

Nomenclature:

Rogas punctipes Thomson, 1892

Distribution: Scotland, Wales, Ireland

Aleiodes ruficornis* (Herrich-Schäffer, 1838)*Nomenclature:**

Rogas ruficornis Herrich-Schäffer, 1838

dimidiatus misident.

gasterator misident.

Distribution: England, Ireland

Aleiodes rugulosus* (Nees, 1811)*Nomenclature:**

Bracon rugulosus Nees, 1811

pictus (Kokujev, 1898, *Rhogas*) preocc.

Distribution: England, Scotland, Wales, Ireland

Aleiodes seriatus* (Herrich-Schäffer, 1838)*Nomenclature:**

Rogas seriatus Herrich-Schäffer, 1838

vittiger Wesmael, 1838

kuslitzkyi (Tobias, 1976, *Rogas*)

Distribution: England, Ireland

Aleiodes signatus* (Nees, 1812)*Nomenclature:**

Bracon signatus Nees, 1812

geniculator (Nees, 1834, *Rogas*)

annulipes (Herrich-Schäffer, 1838, *Rogas*)

esseni Hellén, 1927

Distribution: England, Wales

Aleiodes similis* (Curtis, 1834)*Nomenclature:**

Rogas similis Curtis, 1834

circumscriptus misident., in part

testaceus misident., in part

spathuliformis (Curtis, 1834, *Rogas*)

subucola (Curtis, 1834, *Rogas*)

armatus Wesmael, 1838

Distribution: England, Scotland, Ireland

Notes: The name *armatus* has been misapplied to a range of undescribed, medium-sized, orange species, at least three of which occur in Britain and Ireland and will be described by van Achterberg & Shaw (in prep.).

***Aleiodes testaceus* (Telenga, 1941)**

Nomenclature:

Heterogamus testaceus Telenga, 1941

Distribution: England, Wales

Notes: to be added by van Achterberg & Shaw (in prep.)

***Aleiodes unguarlis* (Thomson, 1892)**

Nomenclature:

Rogas unguarlis Thomson, 1892

Distribution: England, Wales, Ireland

Notes: To be added by van Achterberg & Shaw (in prep.); English and Welsh records from specimens seen by MRS in, respectively, the Hope Department, Oxford, and Doncaster Museum.

***Aleiodes unipunctator* (Thunberg, 1824)**

Nomenclature:

Ichneumon unipunctator Thunberg, 1824

ductor (Thunberg, 1824, *Ichneumon*)

irregularis Wesmael, 1838

Distribution: England, Scotland, Wales, Ireland

Notes: Anticipates synonymy to be published by van Achterberg & Shaw (in prep.).

Aleiodes* sp. L van Achterberg & Shaw, in prep.*Nomenclature:**

borealis misident.

circumscriptus misident., in part

nigriceps misident., in part

Distribution: England, Scotland, Wales, Ireland, Isle of Man

Notes: To be added by van Achterberg & Shaw (in prep.); this species, whose name is not yet published (van Achterberg & Shaw, in prep.), is very common in the British Isles and M.R. Shaw det. labels (as *borealis*) have been left in several British collections (up to 2007). The true *A. borealis* (Thomson, 1892, *Rogas*) has not been found in the British Isles.

Genus *Heterogamus* Wesmael, 1838

Notes: Usually treated as a subgenus of *Aleiodes* (as in Taxapad: Yu et al. 2012) but Zaldivar-Riverón et al. (Zaldivar-Riverón et al. 2004, Zaldivar-Riverón et al. 2008b) have shown that, on the basis of venom apparatus characters and molecular sequence data, respectively, *Heterogamus* species form a clade distinct from *Aleiodes* species. Murray (1939) and Shaw (2000a) published some distribution records.

Heterogamus dispar* (Haliday, 1833)*Nomenclature:**

Rogas dispar Haliday, 1833

dispar (Curtis, 1834, *Rogas*) preocc.

crypticornis (Wesmael, 1838, *Aleiodes*)

Distribution: England, Scotland, Wales, Ireland

Heterogamus excavatus* Telenga, 1941*Nomenclature:**

farmakena Maláč, 1941

Distribution: England

Notes: Added by Shaw (2000a); Irish records (O'Connor et al. 1999) are erroneous (Shaw 2000a).

Tribe Clinocentrini van Achterberg, 1991**Genus *Clinocentrus* Haliday, 1833****Nomenclature:**

CAMPTOCENTRUS Kriechbaumer, 1894

MICRORHOGAS Cameron, 1910

NEORHYSSALUS Baker, 1917

Notes: Nomenclature and distribution data from Belokobylskij (1995) and NMS.

species of *Clinocentrus* excluded from the British and Irish list:

[*tenuicornis* (Thomson, 1891, *Exotheucus*)] A species of uncertain status (Belokobylskij, pers. comm. to MRS), listed as a synonym of *excubitor* in Taxapad (Yu et al. 2012), following Szépligeti (1906).

Clinocentrus brevicealcar* (Thomson, 1891)*Nomenclature:**

Exotheucus brevicealcar Thomson, 1891

Distribution: England, Scotland

Clinocentrus cunctator* (Haliday, 1836)*Nomenclature:**

Rogas cunctator Haliday, 1836

analis (Wesmael, 1838, *Exotheucus*)

gracilipes (Thomson, 1892, *Exotheucus*)

Distribution: England, Scotland, Wales, Ireland

Clinocentrus excubitor* (Haliday, 1836)*Nomenclature:**

Rogas excubitor Haliday, 1836

marginellus (Wesmael, 1838, *Exotheucus*)

Distribution: England, Scotland, Wales, Ireland

Clinocentrus exsertor* (Nees, 1811)*Nomenclature:**

Bracon exsertor Nees, 1811

orbitor (Nees, 1834, *Bracon*)

striolatus (Thomson, 1891, *Exothecus*)

tarsalis Ashmead, 1894

Distribution: England, Scotland

***Clinocentrus hungaricus* Szépligeti, 1906**

Distribution: England, Scotland

Notes: NMS, BMNH, det. Shaw, added here

Clinocentrus umbratilis* Haliday, 1833*Nomenclature:**

petiolaris (Thomson, 1891, *Exothecus*)

polonicus Fahringer, 1931

Distribution: England, Scotland, Ireland

Clinocentrus vestigator* (Haliday, 1836)*Nomenclature:**

Rogas vestigator Haliday, 1836

stigmaticus Marshall, 1897

jaroshevskyi Telenga, 1941

obsoletus (Hellén, 1957, *Oncophanes*)

Distribution: England, Scotland, Ireland, Isle of Man

Tribe Rogadini Förster, 1863**Nomenclature:**

PELECYSTOMINI Viereck, 1918

Genus *Rogas* Nees, 1818**Nomenclature:**

PELECYSTOMA Wesmael, 1838

RHOGAS Agassiz, 1846

***Rogas luteus* Nees, 1834**

Nomenclature:

testaceus (Fabricius, 1798, *Ichneumon*) preocc.

testaceator (Thunberg, 1824, *Ichneumon*)

Genus *Triraphis* Ruthe, 1855

Notes: species of *Triraphis* excluded from the British and Irish list:

[*tricolor* (Wesmael, 1838, *Pelecystoma*); syn. *solitarius* (Watanabe, 1970, *Pelecystoma*); synonymy by Papp (1995a)] Listed by Huddleston (1978), probably on the basis of the host-parasitoid catalogue of Morley and Rait-Smith (1933), but this publication included non-British rearings from Lepidoptera that occur in Britain and there is no evidence that *tricolor*, a parasitoid of *Apoda limacodes* (Hufnagel) (Lepidoptera: Limacodidae), has ever been found in Britain or Ireland.

Sigalphinae

Subfamily Sigalphinae Haliday, 1833

Tribe Acampsini van Achterberg & Austin, 1992

Genus *Acampsis* Wesmael, 1835

***Acampsis alternipes* (Nees, 1816)**

Nomenclature:

Sigalphus alternipes Nees, 1816

Distribution: England

Tribe Sigalphini Haliday, 1833

Genus *Sigalphus* Latreille, 1802

Nomenclature:

SPHAEROPYX Illiger, 1807

RHITIGASTER Wesmael, 1835

RHYTIDOGASTER Agassiz, 1846

Notes: species of *Sigalphus* excluded from the British and Irish list:

[*irrorator* (Fabricius, 1775, *Ichneumon*); syn. *niger* (Retzius, 1783, *Ichneumon*); syn. *globulifer* (Geoffroy, 1785, *Ichneumon*); *irroratrix* (Schulz, 1906, *Sphaeropyx*)] Shaw and Huddleston (1991) were unable to trace any British specimens.

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Author contributions

The sections on subfamilies Microgastrinae and Rogadinae are mainly the work of MRS, the section on Dacnusiini (Alysiinae) is mainly the work of HCJG, who also contributed to the Alysiini and Opiinae sections. The rest of the work was a joint effort between GRB and MRS, with the editing done by GRB.

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Supplementary materials

Suppl. material 1: Checklist of British and Irish Hymenoptera

Authors: Broad, G.R., Shaw, M.R. & Godfray, H.C.J.

Data type: formatted text file

Brief description: Word document version of the checklist

Filename: Hym_checklist_7_Braconidae_March_2016_update.docx - [Download file](#) (369.71 kb)

Suppl. material 2: Checklist of British and Irish Braconidae

Authors: Broad, G.R., Shaw, MR. & Godfray, H.C.J.

Data type: spreadsheet

Brief description: Excel spreadsheet version of the checklist

Filename: Braconidae checklist spreadsheet March 2016.xlsx - [Download file](#) (743.92 kb)