

Checklist of British and Irish Hymenoptera - Evanoidea

Gavin R. Broad[‡], Laurence Livermore[‡]

‡ The Natural History Museum, London, United Kingdom

Corresponding author:

Academic editor: Jose Fernandez-Triana

Introduction

Abbreviations, rationale for species inclusion and additional information are given in the introductory article for the series. This article is the first in a series of 13 checklist sections covering the Hymenoptera of the British Isles. For each genus and species the original combination and a list of synonyms is provided under the heading 'nomenclature'.

A corresponding up-to-date checklist for Evanoidea is maintained on the [Hymenoptera of the British Isles site](#).

Distribution data for the Evanoidea are taken from Crosskey (1951), with additional references given under notes for each taxon. This is a small superfamily of three extant families, but particularly poorly represented in northern Europe. The Eviidae (sometimes referred to as 'ensign wasps') are, where known, parasitoids/predators of cockroach oothecae (Crosskey 1951; Brown 1973) and are morphologically very distinct from the remaining families. Whilst rather similar in appearance, the Aulacidae and Gasteruptiidae (Fig. 1) differ markedly in biology, with the single British aulacid, *Aulacus striatus* (Jurine), being a koinobiont endoparasitoid of Xiphydriidae larvae (see E.R. Skinner & W.G. Thompson's 1960 film, 'The Alder Woodwasp and its Insect Enemies', distributed by World Educational Films: <http://worldeducationalfilms.com/the-alder-woodwasp-and-its-insect-enemies/>) whilst *Gasteruption* species are essentially predators and cleptoparasites of solitary bee larvae (Malyshev 1964).

Evanoidea

Family Aulacidae Shuckard, 1841

Notes: Taxonomy follows Smith (2001).

Genus *Aulacus* Jurine, 1807

Nomenclature:

- DISPHAERON* Dahlbom, 1837
AULACINUS Westwood, 1868
PAMMEGISCHIA Provancher, 1882
DISAULACINUS Kieffer, 1910
MICRAULACINUS Kieffer, 1910
NEURAULACINUS Kieffer, 1910
PARAFOENUS Kieffer, 1910
PYCNAULACUS Cushman, 1929

***Aulacus striatus* Jurine, 1807**

Nomenclature:

- arcticus* Dahlbom, 1837
exaratus Ratzeburg, 1852

Distribution: England.

Family Evaniidae Latreille, 1802

Notes: Taxonomy follows Deans (2005).

Genus *Evania* Fabricius, 1775

***Evania appendigaster* (Linnaeus, 1758)**

Nomenclature:

- Ichneumon appendigaster* Linnaeus, 1758
niger (de Geer, 1773, *Ichneumon*)
laevigata Olivier, 1792
unicolor Say, 1824
desjardinsi Blanchard, 1840
affinis Le Guillou, 1841
cubae Guérin-Méneville, 1844
peringueyi Cameron, 1906

Notes: # Presumably an introduction to Britain as it parasitises the oothecae of non-native synanthropic cockroaches (Blattidae). Crosskey (1951) could find no locality data for British specimens and there are no relevant specimens in NHM.

Genus *Brachygaster* Leach, 1830

Brachygaster minutus (Olivier, 1792)

Nomenclature:

- Evania minuta* Olivier, 1792
fulvipes (Curtis, 1829, *Evania*)
rufipes Brullé, 1846 preocc.
brullei (Westwood, 1851, *Evania*)
schlettereri Kieffer, 1912

Distribution: England.

Family Gasteruptiidae Ashmead, 1890

Notes: Synonymic data mostly from [Fauna Europaea](#).

Genus *Gasteruption* Latreille, 1796

Nomenclature:

- FOENUS* Fabricius, 1798
RHYDINOFOENUS Bradley, 1909
DOLICHOFOENUS Kieffer, 1910
TRICOFOENUS Kieffer, 1910
PLUTOFOENUS Kieffer, 1911

Gasteruption assectator (Linnaeus, 1758)

Nomenclature:

- Ichneumon assectator* Linnaeus, 1758
affectator misspelling
annularis (Geoffrey 1785, *Ichneumon*)
incertus (Cresson 1864, *Foenus*)
montanus (Cresson 1864, *Foenus*)
arca (Couper 1870, *Foenus*)

borealis (Thomson 1883, *Foenus*)
fumipennis (Thomson 1883, *Foenus*)
nigritarsis (Thomson 1883, *Foenus*)
nitidulum Schletterer, 1885
brevicauda Kieffer 1904
micrura Kieffer 1904
nevadense Kieffer 1904
nigropectus Kieffer, 1904
bakeri Kieffer 1910
canadensis (Kieffer 1910, *Trichofoenus*)
abeillei Kieffer 1912
aberrans Strand, 1912
breviterebrae (Watanabe 1934, *Trichofoenus*)
utahensis Townes 1950
margotae Madl 1987

Distribution: England, Wales, Ireland.

***Gasteruption jaculator* (Linnaeus, 1758)**

Nomenclature:

Ichneumon jaculator Linnaeus, 1758
granulithorax (Tournier, 1877, *Foenus*)
obliteratus (Abeille de Perrin, 1879, *Foenus*)
rugidorsus (Costa, 1884, *Foenus*)
thomsoni Schletterer, 1885

Distribution: England.

***Gasteruption laticeps* (Tournier, 1877)**

Nomenclature:

Foenus laticeps Tournier, 1877
foveolatum Schletterer, 1889
foveolum Szépligeti, 1903

***Gasteruption minutum* (Tournier, 1877)**

Nomenclature:

Foenus minutum Tournier, 1877

longigena (Thomson, 1883, *Foenus*)

Distribution: England, Wales (Alexander 1983).

***Gasteruption pedemontanum* (Tournier, 1877)**

Nomenclature:

Foenus pedemontanum Tournier, 1877

pedmontanum misspelling

terrestre (Tournier, 1877, *Foenus*)

trifossulatum Kieffer, 1904

Distribution: England.

References

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Figure 1.

Male *Gasteruption jaculator* (Linnaeus) (Wilmslow, Cheshire) (courtesy of A.M. Broome).