



Checklist of British and Irish Hymenoptera - Evanoioidea

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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 Evanoioidea is maintained on the [Hymenoptera of the British Isles site](#).

Distribution data for the Evanoioidea 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 Evaniidae (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 Gasteruptionidae (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).



Figure 1.

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

Evanioidea

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

NEURAUACINUS 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
- TRICHOFOENUS* 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*)
rigidorsus (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
pedemontanum misspelling
terrestre (Tournier, 1877, *Foenus*)
trifossulatum Kieffer, 1904

Distribution: England.

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