

# Hymenoptera: Symphyta (Sawflies)

A. NUMBER OF SPECIES IN UK: 527

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B. NUMBER OF SPECIES IN SCOTLAND: 401 (including 1 introduced)

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C. EXPERT CONTACTS

Please contact [scotland@buglife.org.uk](mailto:scotland@buglife.org.uk) for details.

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D. SPECIES OF CONSERVATION CONCERN

Listed species

None – insufficient data.

Other species

*Amauronematus abnormis*. An arctic species known from only two sites in the Cairngorms Plateau. The host plant, *Salix herbacea* is widespread, and so the limiting factor is almost certainly climatic. *A. abnormis* requires very cold climatic conditions that ensure snow patches lie until late summer. This species is likely to be effected by warming climatic conditions.

No other species are known to be of conservation concern based upon the limited information available. Conservation status will be more thoroughly assessed as more information is gathered.

Host plants

Many species of sawfly are monophagous, with several high altitude species relying on single *Salix* species such as *S. arbuscula*, *S. lapponum* and *S. myrsinites*, which have suffered serious declines in range and density since recording began 150 years ago. These declines have probably been caused by increased grazing pressure. In many cases, the rarity of the sawfly is therefore already determined by the rarity of its host plant.

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## E. LIST OF SPECIES KNOWN FROM SCOTLAND

(\* indicates species that are restricted to Scotland in UK context)

### Cephalidae

*Calameuta pallipes*  
*Hartigia xanthostoma*

### Pamphiliidae

*Acantholyda erythrocephala*  
*Acantholyda posticalis*  
*Cephalcia lariciphila*  
*Pamphilius albopictus\**  
*Pamphilius balteatus*  
*Pamphilius gyllenhali*  
*Pamphilius histrio*  
*Pamphilius hortorum*  
*Pamphilius inanitus*  
*Pamphilius pallipes*  
*Pamphilius stramineipes\**  
*Pamphilius sylvaticus*  
*Pamphilius vafer*  
*Pamphilius varius*

### Siricidae

*Sirex cyaneus*  
*Sirex juvencus*  
*Sirex noctilio*  
*Tremex columba* (Introduced, not established.)  
*Urocerus augur*  
*Urocerus gigas*

### Argidae

*Arge ciliaris*  
*Arge expansa*  
*Arge fuscipes*  
*Arge gracilicornis*  
*Arge nigripes*  
*Arge ustulata*  
*Sterictiphora geminata*

### Cimbicidae

*Abia candens*  
*Abia sericea*  
*Zaraea fasciata*  
*Cimbex femoratus*  
*Cimbex luteus*  
*Trichiosoma laterale*  
*Trichiosoma lucorum*

*Trichiosoma scalesii*  
*Trichiosoma sorbi*  
*Trichiosoma tibiale*  
*Trichiosoma vitellina*

## **Diprionidae**

### Diprioninae

*Diprion pini*  
*Diprion similis*  
*Gilpinia frutetorum\**  
*Gilpinia pallida*  
*Microdiprion pallipes*  
*Neodiprion sertifer*

### Monocteninae

*Monoctenus juniperi*

## **Tenthredinidae**

*Allantus togatus*  
*Allantus basalis*  
*Allantus calceatus*  
*Allantus cinctus*  
*Allantus rufocinctus*  
*Allantus togatus*  
*Allantus truncatus*  
*Apethymus filiformis*  
*Apethymus serotinus*  
*Taxonus agrorum*  
*Athalia ancilla*  
*Athalia circularis*  
*Athalia cordata*  
*Athalia liberta*  
*Athalia lugens*  
*Athalia rosae*  
*Athalia scutellariae*  
*Caliroa annulipes*  
*Caliroa cerasi*  
*Endelomyia aethiops*  
*Ametastegia equiseti*  
*Ametastegia glabrata*  
*Ametastegia carpini*  
*Ametastegia pallipes*  
*Ametastegia perla*  
*Ametastegia tenera*  
*Empria alector*  
*Empria alpina*  
*Empria candidata*  
*Empria excisa*  
*Empria fletcheri\**  
*Empria immersa*

*Empria liturata*  
*Empria longicornis*  
*Empria pallimacula*  
*Empria parvula*  
*Empria pumila*  
*Empria sexpunctata*  
*Empria tridens*  
*Monsoma pulveratum*  
*Eriocampa ovata*

Blennocampinae

*Ardis pallipes*  
*Blennocampa phyllocolpa*  
*Claremontia alchemillae*  
*Claremontia alternipes*  
*Claremontia brevicornis*  
*Claremontia waldheimii*  
*Monophadnoides rubi*  
*Monophadnoides ruficuris*  
*Periclista albida*  
*Periclista lineolata*  
*Fenella monilicornis\**  
*Fenella nigrita*  
*Fenusa altenhoferi*  
*Fenusa dohrnii*  
*Fenusa pumila*  
*Fenusa ulmi*  
*Fenusella glaucopis*  
*Fenusella nana*  
*Metallus albipes*  
*Metallus lanceolatus*  
*Metallus pumilus*  
*Parna apicalis*  
*Parna tenella*  
*Profenusa pygmaea*  
*Scolioneura betuleti*  
*Scolioneura vicina*  
*Heterarthrus aceris*  
*Heterarthrus microcephalus*  
*Heterarthrus nemoratus*  
*Heterarthrus ochropoda*  
*Heterarthrus vagans*  
*Eutomostethus ephippium*  
*Eutomostethus gagathinus*  
*Eutomostethus luteiventris*  
*Eutomostethus nigrans*  
*Eutomostethus punctatus*  
*Monophadnus pallescens*  
*Phymatocera aterrima*  
*Stethomostus fuliginosus*  
*Halidamia affinis*

## Nematinae

*Cladius pectinicornis*  
*Cladius brullei*  
*Cladius compressicornis*  
*Cladius pilicornis*  
*Cladius rufipes*  
*Cladius ulmi*  
*Cladius grandis*  
*Anoplonyx destructor*  
*Dineura stilata*  
*Dineura testaceipes*  
*Dineura virididorsata*  
*Hemichroa australis*  
*Hemichroa crocea*  
*Nematinus acuminatus*  
*Nematinus caledonicus*  
*Nematinus fuscipennis*  
*Nematinus luteus*  
*Nematinus steini*  
*Platycampus luridiventris*  
*Hoplocampa alpina*  
*Hoplocampa chrysorrhoea*  
*Hoplocampa crataegi*  
*Hoplocampa flava*  
*Hoplocampa fulvicornis*  
*Hoplocampa pectoralis*  
*Hoplocampa testudinea*  
*Mesoneura opaca*  
*Amauronematus abnormis\**  
*Amauronematus amplus*  
*Amauronematus fasciatus*  
*Amauronematus godmani\**  
*Amauronematus hedstroemi*  
*Amauronematus histrio*  
*Amauronematus humeralis*  
*Amauronematus lateralis*  
*Amauronematus longiserra*  
*Amauronematus mcluckiei\**  
*Amauronematus mundus*  
*Amauronematus sagmarius*  
*Amauronematus semilacteus\**  
*Amauronematus stenogaster*  
*Amauronematus toeniatus*  
*Amauronematus vittatus*  
*Brachycoluma viduatus*  
*Craesus alniastri*  
*Craesus latipes*  
*Craesus septentrionalis*  
*Epicenematus montanus*  
*Eupontania aquilonis\**

*Eupontania arbusculae\**  
*Eupontania arcticornis*  
*Eupontania brevicornis*  
*Eupontania collactanea*  
*Eupontania crassipes\**  
*Eupontania gallarum*  
*Eupontania herbaceae*  
*Eupontania myrsiniticola\**  
*Eupontania pedunculi*  
*Eupontania pustulator*  
*Eupontania samolad\**  
*Eupontania vesicator*  
*Eupontania viminalis*  
*Euura amerinae*  
*Euura atra*  
*Euura auritae\**  
*Euura testaceipes*  
*Euura venusta*  
*Euura weiffenbachii*  
*Euura mucronata*  
*Larinematus imperfectus*  
*Nematus (Kontuniemiana) leucotrochus*  
*Nematus (Kontuniemiana) olfaciens*  
*Nematus (Kontuniemiana) ribesii*  
*Nematus (Nematus) caeruleocarpus*  
*Nematus (Nematus) vicinus*  
*Nematus (Nematus) lucidus*  
*Nematus (Pteronidea) bergmanni*  
*Nematus (Pteronidea) bipartitus*  
*Nematus (Pteronidea) brevivalvis*  
*Nematus (Pteronidea) cadderensis*  
*Nematus (Pteronidea) dorsatus*  
*Nematus (Pteronidea) fagi*  
*Nematus (Pteronidea) fahraei*  
*Nematus (Pteronidea) ferrugineus*  
*Nematus (Pteronidea) flavescens*  
*Nematus (Pteronidea) frenalis*  
*Nematus (Pteronidea) fuscomaculatus*  
*Nematus (Pteronidea) hypoxanthus*  
*Nematus (Pteronidea) incompletus*  
*Nematus (Pteronidea) jugicola*  
*Nematus (Pteronidea) leionotus*  
*Nematus (Pteronidea) melanaspis*  
*Nematus (Pteronidea) melanocephalus*  
*Nematus (Pteronidea) miliaris*  
*Nematus (Pteronidea) monticola*  
*Nematus (Pteronidea) myosotidis*  
*Nematus (Pteronidea) nigricornis*  
*Nematus (Pteronidea) nubium\**  
*Nematus (Pteronidea) oligospilus*  
*Nematus (Pteronidea) pavidus*

*Nematus (Pteronidea) poecilonotus*  
*Nematus (Pteronidea) reticulatus\**  
*Nematus (Pteronidea) salicis*  
*Nematus (Pteronidea) spiraeae*  
*Nematus (Pteronidea) sylvestris*  
*Nematus (Pteronidea) testaceus*  
*Nematus (Pteronidea) umbratus*  
*Nematus (Pteronidea) viridis*  
*Nematus (Pteronidea) viridissimus*  
*Pachynematus clibrichellus*  
*Pachynematus clitellatus*  
*Pachynematus fallax*  
*Pachynematus kirbyi*  
*Pachynematus lichtwardti*  
*Pachynematus moerens*  
*Pachynematus obductus*  
*Pachynematus smithae*  
*Pachynematus sulcatus*  
*Pachynematus vagus*  
*Phyllocolpa acutiserra\**  
*Phyllocolpa carinifrons*  
*Phyllocolpa coriacea*  
*Phyllocolpa ischnocera\**  
*Phyllocolpa leucapsis*  
*Phyllocolpa leucosticta*  
*Phyllocolpa piliserra*  
*Phyllocolpa polita\**  
*Phyllocolpa scotaspis*  
*Pikonema scutellatum*  
*Polynematus albipennis*  
*Polynematus annulatus*  
*Pontania anomaloptera*  
*Pontania bridgmanii*  
*Pontania dolichura*  
*Pontania lapponicola\**  
*Pontania nigricantis*  
*Pontania proxima*  
*Pontania triandrae*  
*Pontopristia amentorum*  
*Pristicampus arcticus\**  
*Pristiphora (Gymnonychus) retusa\**  
*Pristiphora (Lygaeonematus) abietina*  
*Pristiphora (Lygaeonematus) compressa*  
*Pristiphora (Lygaeonematus) erichsonii*  
*Pristiphora (Lygaeonematus) pseudodecipiens*  
*Pristiphora (Lygaeonematus) saxesenii*  
*Pristiphora (Lygaeonematus) wesmaeli*  
*Pristiphora (Lygaeophora) sermola\**  
*Pristiphora (Lygaeotus) borea\**  
*Pristiphora (Lygaeotus) breadalbanensis*  
*Pristiphora (Lygaeotus) carinata*

*Pristiphora (Lygaeotus) coactula\**  
*Pristiphora (Lygaeotus) groenblom\**  
*Pristiphora (Lygaeotus) lativentris\**  
*Pristiphora (Lygaeotus) mollis*  
*Pristiphora (Lygaeotus) pseudocoactula*  
*Pristiphora (Oligonematus) laricis*  
*Pristiphora (Pristiphora) appendiculata*  
*Pristiphora (Pristiphora) armata*  
*Pristiphora (Pristiphora) bifida\**  
*Pristiphora (Pristiphora) cincta*  
*Pristiphora (Pristiphora) confusa*  
*Pristiphora (Pristiphora) coniceps*  
*Pristiphora (Pristiphora) denudata*  
*Pristiphora (Pristiphora) insularis*  
*Pristiphora (Pristiphora) leucopus*  
*Pristiphora (Pristiphora) luteipes*  
*Pristiphora (Pristiphora) melanocarpa*  
*Pristiphora (Pristiphora) pallidiventris*  
*Pristiphora (Pristiphora) punctifrons*  
*Pristiphora (Pristiphora) ruficornis*  
*Pristiphora (Pristiphora) rufipes*  
*Pristiphora (Pristiphora) staudingeri*  
*Sharliphora amphibola*  
*Sharliphora nigella*  
*Pseudodineura enslini*  
*Pseudodineura fuscula*  
*Pseudodineura mentions\**

#### Selandriinae

*Aneugmenus coronatus*  
*Aneugmenus fuerstenbergensis*  
*Aneugmenus padi*  
*Aneugmenus temporalis*

#### Dolerini

*Dolerus (Achaetoprion) ferrugatus*  
*Dolerus (Achaetoprion) madidus*  
*Dolerus (Achaetoprion) pachycerus*  
*Dolerus (Dicrodolerus) vestigialis*  
*Dolerus (Dolerus) aericeps*  
*Dolerus (Dolerus) bimaculatus*  
*Dolerus (Dolerus) cothurnatus*  
*Dolerus (Dolerus) germanicus*  
*Dolerus (Dolerus) gessneri*  
*Dolerus (Dolerus) yukonensis*  
*Dolerus (Equidolerus) pratensis*  
*Dolerus (Loderus) gilvipes*  
*Dolerus (Oncodolerus) eversmanni*  
*Dolerus (Poodolerus) aeneus*  
*Dolerus (Poodolerus) anthracinus*  
*Dolerus (Poodolerus) asper*



*Dolerus (Poodolerus) coracinus*  
*Dolerus (Poodolerus) fumosus*  
*Dolerus (Poodolerus) gonager*  
*Dolerus (Poodolerus) haematodes*  
*Dolerus (Poodolerus) harwoodi\**  
*Dolerus (Poodolerus) liogaster*  
*Dolerus (Poodolerus) niger*  
*Dolerus (Poodolerus) nigratus*  
*Dolerus (Poodolerus) nitens*  
*Dolerus (Poodolerus) picipes*  
*Dolerus (Poodolerus) possilensis*  
*Dolerus (Poodolerus) puncticollis*  
*Dolerus (Poodolerus) schmidti*  
*Dolerus (Poodolerus) stygius*  
*Dolerus (Poodolerus) varispinus*  
*Birka cinereipes*  
*Dulophanes morio*  
*Heptamelus dahlbomi*  
*Heptamelus ochroleucus*  
*Brachythops flavens*  
*Brachythops wuestneii*  
*Selandria serva*  
*Selandria melanosterna*  
*Pseudohemitaxonus sharpi*  
*Stromboceros delicatulus*  
*Strongylogaster multifasciata*  
*Strongylogaster macula*  
*Strongylogaster mixta*  
*Strongylogaster xanthocera*

#### Tenthredininae

*Macrophya albicincta*  
*Macrophya albipuncta*  
*Macrophya duodecimpunctata*  
*Macrophya montana*  
*Pachyprotasis antennata*  
*Pachyprotasis rapae*  
*Pachyprotasis simulans*  
*Pachyprotasis variegata*  
*Sciapteryx soror*  
*Cytisogaster chambersi*  
*Cytisogaster genistae*  
*Rhogogaster dryas*  
*Rhogogaster punctulata*  
*Rhogogaster chlorosoma*  
*Rhogogaster viridis*  
*Tenthredo (Eurogaster) mesomela*  
*Tenthredo (Eurogaster) mioceras*  
*Tenthredo (Eurogaster) obsoleta*  
*Tenthredo (Maculedo) maculata*  
*Tenthredo (Olivacedo) olivacea*

*Tenthredo (Temuledo) temula*  
*Tenthredo (Tenthredella) atra*  
*Tenthredo (Tenthredella) balteata*  
*Tenthredo (Tenthredella) colon*  
*Tenthredo (Tenthredella) fagi*  
*Tenthredo (Tenthredella) ferruginea*  
*Tenthredo (Tenthredella) ignobilis\**  
*Tenthredo (Tenthredella) livida*  
*Tenthredo (Tenthredella) mandibularis*  
*Tenthredo (Tenthredella) moniliata*  
*Tenthredo (Tenthredella) velox*  
*Tenthredo (Tenthredo) arcuata*  
*Tenthredo (Tenthredo) brevicornis*  
*Tenthredo (Tenthredo) notha*  
*Tenthredo (Tenthredo) scrophulariae*  
*Tenthredo (Tenthredo) vespa*  
*Aglaostigma aucupariae*  
*Aglaostigma fulvipes*  
*Perineura rubi*  
*Tenthredopsis coquebertii*  
*Tenthredopsis friesei*  
*Tenthredopsis litterata*  
*Tenthredopsis nassata*  
*Tenthredopsis scutellaris*

#### **Xiphydriidae**

*Xiphydria camelus*

#### **Xyelidae**

*Xyela julii*  
*Xyela longula\**

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### **F. DISTRIBUTION DATA**

- i) Data is collated by the Symphyta Recording Scheme – details of which are available on the Biological Records Centre website ([http://www.brc.ac.uk/recording\\_schemes.asp](http://www.brc.ac.uk/recording_schemes.asp)).

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### **G. IDENTIFICATION GUIDES**

- i) Wright, A. 1990. *British Sawflies (Hymenoptera: Symphyta): a key to adults of the genera occurring in Britain*. Field Studies Council.
- ii) Benson, R.B. 1951. *Hymenoptera, Symphyta. Handbooks for the Identification of British Insects 6 (2a)*. Royal Entomological Society. [Out of print.]
- iii) Benson, R.B. 1952. *Hymenoptera, Symphyta. Handbooks for the Identification of British Insects 6 (2b)*. Royal Entomological Society. [Out of print.]

- iv) Benson, R.B. 1958. *Hymenoptera, Symphyta. Handbooks for the Identification of British Insects 6 (2c)*. Royal Entomological Society. [Out of print.]
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## H. OTHER INFORMATION

- a) Liston, A.D. and Sheppard, D.A. *Checklist of British and Irish Hymenoptera Symphyta. Version: 13.07.2010*. [Most recent version of checklist available at: <http://www.nhm.ac.uk/resources-rx/files/checklist-of-british-and-irish-sawflies-59046.pdf>.]
- b) Taeger, A. and Blank, S.M. 2008. *ECatSym – Electronic World Catalogue of Symphyta (Insecta, Hymenoptera). Program version 3, data version 34 (05.09.2008)*. Digital Entomological Information, Müncheberg. [Available at: <http://dzmb1.biologie.uni-oldenburg.de/dei/ecatsym/index.html>.]
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Liston, A.D., Knight, G. and Cathrine, C. 2010. *Scottish Invertebrate Species Knowledge Dossier: Hymenoptera: Symphyta (Sawflies)*. Buglife – The Invertebrate Conservation Trust.

This document provides information on species known to occur in Scotland at the time of publication. This document does not provide a definitive list of species occurring in Scotland. The list of species known to occur in Scotland may change as further information is gathered.

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