

Neuroptera (Lacewings)

A. NUMBER OF SPECIES IN UK: 69

B. NUMBER OF SPECIES IN SCOTLAND: 40 (3 only known from Scotland in UK context)

C. EXPERT CONTACTS

Please contact scotland@buglife.org.uk for details.

D. SPECIES OF CONSERVATION CONCERN

Listed species

<i>Megalomus hirtus</i>	Scottish, UKBAP, RDB3
<i>Wesmaelius (Kimminsia) mortoni</i>	Scottish, rare, probably should be RDB3 (previously considered extinct)

Other species

<i>Hemerobius perelegans</i>	Notable A
<i>Wesmaelius (Kimminsia) balticus</i>	Notable A, confined to stable marram sand dune systems
<i>Wesmaelius (Kimminsia) malladai</i>	Scottish, Notable A
<i>Sisyra terminalis</i>	Notable B, larvae associated with freshwater sponges

E. LIST OF SPECIES KNOWN FROM SCOTLAND

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

(• indicates species that have fewer than 10 Scottish locations - i.e. rare in Scottish context)

Coniopterygidae

- Coniopteryx (Coniopteryx) borealis*
- Coniopteryx (Coniopteryx) pygmaea nec auctt.* •
- Coniopteryx (Coniopteryx) tineiformis*
- Conwentzia pineticola* •
- Conwentzia psociformis*
- Semidalis aleyrodiformis* •

Chrysopidae

- Chrysopa perla*
- Chrysoperla carnea s.l.*
- Chrysopidia ciliata*
- Cunctochrysa albolineata*
- Dichochrysa ventralis* •
- Nineta flava*
- Nineta vittata*
- Nothochrysa capitata* •

Hemerobiidae

- Drepanopteryx phalaenoides* •
- Hemerobius atrifrons* •
- Hemerobius humulinus*
- Hemerobius lutescens*
- Hemerobius marginatus*
- Hemerobius micans*
- Hemerobius nitidulus*
- Hemerobius perelegans* •
- Hemerobius pini* •
- Hemerobius simulans*
- Hemerobius stigma*
- Megalomus hirtus* *•
- Micromus paganus*
- Micromus variegatus* •
- Psectra diptera*
- Sympherobius (Niremberge) fuscescens* •
- Wesmaelius (Kimminsia) balticus* •
- Wesmaelius (Kimminsia) malladai* *•
- Wesmaelius (Kimminsia) mortoni* *•
- Wesmaelius (Kimminsia) nervosus*
- Wesmaelius (Kimminsia) subnebulosus*
- Wesmaelius (Wesmaelius) concinnus* •
- Wesmaelius (Wesmaelius) quadrifasciatus* •

Sisyridae

- Sisyra fuscata* •
- Sisyra terminalis* •

Osmylidae

- Osmylus fulvicephalus* •
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F. DISTRIBUTION DATA

- i) Data collated by Neuroptera Recording Scheme is available on the NBN Gateway, covering lacewings, scorpion-flies, snake-flies and allies (including Mecoptera).
 - ii) Data is independently being collated for Scotland by Andrew Whittington.
 - iii) Scottish data are also held in the Scottish Invertebrate Records Index (SIRI) database at National Museums of Scotland.
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G. IDENTIFICATION GUIDES

- i) Plant, C.W. 1997. *A key to the adults of British lacewings and their allies (Neuroptera, Megaloptera, Raphidioptera and Mecoptera)*. Field Studies Council.
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H. OTHER INFORMATION

- a) Current taxonomic key is recent and reliable.
 - b) Majority of records are for adults.
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This document should be referenced as:

Whittington, A. 2011. *Scottish Invertebrate Species Knowledge Dossier: Neuroptera (Lacewings)*. 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.

This species knowledge dossier was produced as part of the ‘Action for Scottish Invertebrates’ project. This project is grant-aided by Scottish Natural Heritage and delivered on behalf of the Initiative for Scottish Invertebrates (ISI) by Buglife – The Invertebrate Conservation Trust.



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