

Megaloptera (Alderflies)

A. NUMBER OF SPECIES IN UK: 3

B. NUMBER OF SPECIES IN SCOTLAND: 3

C. EXPERT CONTACTS

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

D. SPECIES OF CONSERVATION CONCERN

Listed species

None.

Other species

All three species (*Sialis fuliginosa*, *S. lutaria* and *S. nigripes*) are widespread, although in Scotland *Sialis fuliginosa* and *S. nigripes* are localised and possibly under-recorded. *Sialis fuliginosa* is commonly associated with flowing water, *S. lutaria* tends to be restricted to static water, while *S. nigripes* may be linked to calcareous waters and therefore (although unsubstantiated by rigorous research) could be an indicator of pH.

E. LIST OF SPECIES KNOWN FROM SCOTLAND

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

Sialidae

Sialis fuliginosa

Sialis lutaria

Sialis nigripes

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.

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.

H. OTHER INFORMATION

- a) Current taxonomic key is recent and reliable.
- b) Majority of records are for adults.

This document should be referenced as:

Whittington, A. 2011. *Scottish Invertebrate Species Knowledge Dossier: Megaloptera (Alderflies)*. 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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