

## Bordered Brown Lacewing

### DESCRIPTION

The Bordered brown lacewing was first discovered in the UK in 1989 and has only been recorded in 4 UK sites all of which are in Scotland. The only current population is thought to exist on Arthurs Seat, however this has not been reported since 1980, so its continued existence there is also in question. This species is associated with Woodsage on rocky slopes.

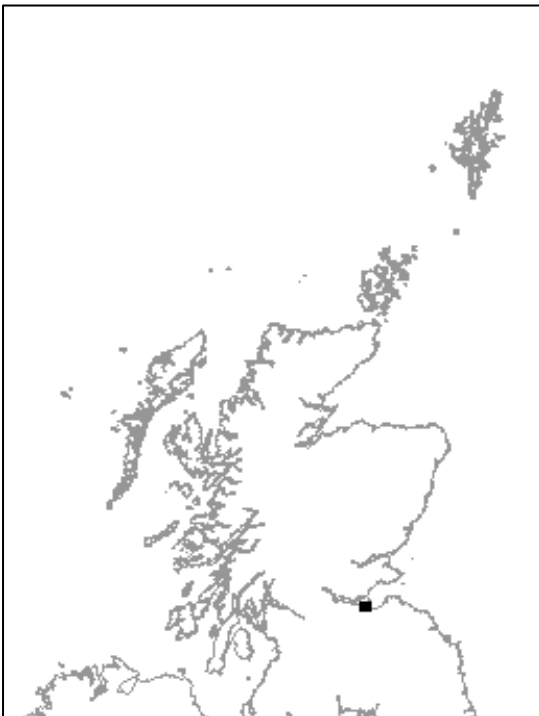
Lacewings are generally aphid (greenfly) predators and can provide important biological control for these pest species. The adults have 4 large intricately veined wings.

The Bordered brown lacewing is a Scottish Biodiversity List, UK Biodiversity Action Plan and Red Data Book species.



P. Duelli da Wachmann & Saure, 1997, [http://neuroterri.casaccia.enea.it/megalomus\\_hirtus.htm](http://neuroterri.casaccia.enea.it/megalomus_hirtus.htm)

### DISTRIBUTION MAP



The only population is on Arthurs Seat

### FURTHER READING

UK Biodiversity Action Plan for *M. hirtus*  
<http://jncc.defra.gov.uk/speciespages/2409.pdf>

### THREATS

The entire known UK population is restricted to a single location making it very vulnerable to any changes in land management such as over or under-grazing and erosion, trampling and burning due to increased public access.

### ACTION REQUIRED

- Retention of rocky slopes with wood sage, at the single site where this lacewing occurs.
- Avoid disturbance from trampling or erosion.
- Management of vegetation e.g. by grazing to improve conditions for this species

### MSP SPECIES CHAMPION



**Gordon MacDonald**  
**MSP**  
**Member for:**  
Edinburgh Pentlands  
**Region:** Lothian  
**Party:** Scottish  
National Party

[info@buglife.org.uk](mailto:info@buglife.org.uk)  
[www.buglife.org.uk](http://www.buglife.org.uk)

