

# Psocoptera (Outdoor – Barkflies<sup>1</sup>)

A. NUMBER OF SPECIES IN UK: 67

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B. NUMBER OF SPECIES IN SCOTLAND: 45

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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

Other species

*Peripsocus consobrinus*

Four specimens have been found worldwide with two from one site in Argyll, Scotland (others from England and Finland).

*Lachesilla quercus*

Only one outdoor record from Britain and Ireland: one specimen found in Midlothian.

Source: National Barkfly Recording Scheme records and published articles

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E. LIST OF SPECIES KNOWN FROM SCOTLAND

(R or S indicates that a species is rare or scarce outdoors in a UK context)

**Lepidopsocidae**

*Pteroxanium kelloggi*

**Trogiidae**

*Cerobasis guestfalica*

*Lepinotus patruelis* S

**Epipsocidae**

*Bertkauia lucifuga* S

**Caeciliusidae**

*Caecilius fuscopterus*

*Valenzuela burmeisteri*

<sup>1</sup> The word barkfly replaces the earlier common name of barklouse. Psocoptera species that have been exclusively found indoors have the common name booklice and are excluded from this information sheet.

*Valenzuela flavidus*  
*Valenzuela piceus* **S**  
*Epicaecilius pilipennis*  
*Enderleinella obsoleta*

#### **Stenopsocidae**

*Graphopsocus cruciatus*  
*Stenopsocus immaculatus*

#### **Amphipsocidae**

*Kolbia quisquiliarum* **S**

#### **Lachesillidae**

*Lachesilla pedicularia*  
*Lachesilla quercus* **R**

#### **Ectopsocidae**

*Ectopsocus axillaris*  
*Ectopsocus briggsi*  
*Ectopsocus petersi*

#### **Peripsocidae**

*Peripsocus alboguttatus* **S**  
*Peripsocus consobrinus* **R**  
*Peripsocus didymus*  
*Peripsocus phaeopterus*  
*Peripsocus subfasciatus*

#### **Trichopsocidae**

*Trichopsocus brincki*  
*Trichopsocus clarus*  
*Trichopsocus dali*

#### **Philotarsidae**

*Philotarsus parviceps*  
*Philotarsus picicornis* **S**

#### **Elipsocidae**

*Cuneopalpus cyanops*  
*Elipsocus abdominalis*  
*Elipsocus hyalinus*  
*Elipsocus moebiusi*  
*Elipsocus pumilis*  
*Reuterella helvimacula*

#### **Mesopsocidae**

*Mesopsocus immunis*  
*Mesopsocus unipunctatus*

#### **Psocidae**

*Amphigerontia bifasciata*

*Amphigerontia contaminata*  
*Blaste quadrimaculata* **R**  
*Psococerastis gibbosa*  
*Metylophorus nebulosus*  
*Loensia fasciata*  
*Loensia variegata*  
*Trichadenotecnum majus* **S**  
*Trichadenotecnum sexpunctatum*

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## **F. DISTRIBUTION DATA**

- i) Data collated by the National Barkfly Recording Scheme is available under species accounts on the National Barkfly Recording Scheme website (<http://www.brc.ac.uk/schemes/barkfly/species.htm>).
  - ii) Data collated by the National Barkfly Recording Scheme is also available on the NBN Gateway.
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## **G. IDENTIFICATION GUIDES**

- i) New, T.R. 2006. *Psocid. Psocoptera (Booklice and Barklice) (2<sup>nd</sup> Edition)*. *Handbooks for the Identification of British Insects Vol. 1 Part 7*. Published for the Royal Entomological Society by the Field Studies Council, Shrewsbury.
  - ii) Online photographic key in National Barkfly Recording Scheme website (<http://www.brc.ac.uk/schemes/barkfly/key/key.htm>)
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## **H. OTHER INFORMATION**

- a) Based on distribution patterns some additional species are likely to be recorded in Scotland in the near future (e.g. *Stenopsocus stigmaticus* and *Peripsocus milleri*).
  - b) The National Barkfly Recording Scheme website (<http://www.brc.ac.uk/schemes/barkfly/homepage.htm>) contains a range of resources that recorders may find useful: photographic gallery of species, species accounts including phenology, distribution maps and habitat/microhabitat associations, recent literature references (downloadable) as well as an introduction to the group and information about collecting and recording.
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This document should be referenced as:

Saville, R.E. 2010. *Scottish Invertebrate Species Knowledge Dossier: Psocoptera (Outdoor - Barkflies)*. 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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