

Aulagromyza luteoscutellata (Dip: Agromyzidae): A Second British record and a new host plant

On 16th July 2008, Keith Palmer discovered mines of what he suspected were *Aulagromyza luteoscutellata* at sites in Foxbush, Hildenborough, Tonbridge, Kent (VC16).

He sent them to Rob Edmunds, who confirmed the identification. As far as we are aware this represents the second record of this miner on the UK.

The mines are characteristically dark green when fresh and show the faint chevron frass patterning.

An occupied mine is shown opposite.

This miner was discovered as new to the UK by RE in 2007 in Hampshire. The geographical separation of this new discovery would lead one to suspect that *A. luteoscutellata* is a previously overlooked species in Britain.

KP found the larva mining Snowberry (*Symphoricarpos albus*), which is a new host plant record in the UK and in line with it's known hosts in Europe.

Photos © Rob Edmunds



Changes in the nomenclature of leafmining sawflies:

This website is adopting the new nomenclature proposed by Liston and Sheppard in their 'Checklist of British and Irish Hymenoptera Symphyta' (2008).

The leafminer changes are:

1. ***Heterarthrus healyi***, feeding on *Acer campestre*, becomes ***Heterarthrus wuestneii* (Konow, 1905)**.
2. The taxonomy of the species on Elms is not fully understood but ***Kaliofenusa pusilla*** is now an unplaced species.

There are at least 2 species of *Fenusa* mining *Ulmus* leaves in Western Europe:

- (a) ***Fenusa ulmi* (Sundevall, 1847)** which seems to prefer feeding on Wych Elms (*Ulmus glabra*). In N. America it is found on a wide range of *Ulmus* species.
- (b) ***Fenusa altenhoferi* (Liston, 1993)** (= *Kaliofenusa carpinifoliae*), which is found on "Field Elms" such as *Ulmus carpinifolia* and *Ulmus procera*

The differences in leaf mine morphology and larval characteristics of these two Elm feeding species is still being resolved.

The continuing spread of *Cameraria ohridella* - now in the Channel Islands:

This miner continues to make rapid progress throughout the UK and has now reached the Channel Islands, with a sighting in Guernsey on 17th July 2008 by Peter Costen at Martel's Garden Centre, St Andrew's, Guernsey, VC 113

The National Leafmining Lepidoptera Scheme:

Thank you to all those who continue to send in records. They enable the website maps to be regularly updated.

The scheme now has around 160,000 records and has a page on the leafmine website:

<http://www.leafmines.co.uk/html/nlls.htm>

We will communicate about the scheme through newsletters such as this, but also are hoping to produce newsletters in a similar manner to those produced by Martin Ellis when he ran the scheme..

Watch this space!

National Biodiversity Network (NBN) Gateway:

The leafmine site will shortly be linking up with the NBN gateway, which has maps of many orders (including leafminers).

This will enable maps to be seen for many of those species which are not at present mapped on the leafmine site i.e. the diptera, coleoptera and hymenoptera.

The maps are interactive and customisable.

Try the NBN Gateway from here:

<http://www.searchnbn.net/>

Leafmine websites:

Two excellent websites which are regularly updated are:

- Nederlandse bladmineerders:
www.bladmineerders.nl/

Willem Ellis has now converted a lot of the site and it is predominately bilingual

- The leaf and Stem mines of Flies and other orders:
www.ukflymines.co.uk/

Brian Pitkin has expanded the site to include all leafmining orders.

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- Tommi Nyman's site has good photos of European sawflies:

www.joensuu.fi/biologia/nyman/Leafminers.htm

- Xiaohua Dai has started a leafminer blog in China:

<http://www.sciencenet.cn/blog/Eindex.aspx?userid=54961>

- An excellent website has just been set up in the Netherlands which includes the leafminers - The Microlepidoptera of the Netherlands

A feature of this site is the distribution mapping along with the phenology of each species:

<http://www.microlepidoptera.nl/>

Further records of *Parna apicalis*:

Records of this sawfly, first discovered in 2007 continue to come in. The new records are:

Location	County	Date	Finder
Clumber Park	Nottinghamshire	20.vi.2008	Keith Palmer
Albrighton	Shropshire	01.vi.2008	Guy Knight
Kingfisher Bridge	Cambridgeshire	21.vi.08	Ian Barton
Westerham	Kent	18.vii.2008	Keith Palmer