

Micro-moths 2014

David Manning

There were 12 new species added to the county list during 2014. The list follows that of Agassiz, Beavan & Heckford (2013), which is a revised taxonomic list and numbering system of British Lepidoptera. The number in square brackets refers to a species' Bradley-Fletcher number (Bradley, 2000).

New species in VC30 (Bedfordshire)

12.014 *Nemaxera betulinella* (Paykull) [223]

One to MV light at Biggleswade on 19th September (LRB).

Flight: May to September (week 38)*

Larval food: Dead wood and fungi

12.048 *Psychoides filicivora* (Meyrick) [200]

Bred from pupa on Hart's-tongue Fern at Sharnbrook found on 9th April (emerged 1st May) (DVM).

Flight: May to September (week 18)*

Larval foodplant: Hart's-tongue Fern and other ferns

15.035 *Phyllonorycter roboris* (Zeller) [316]

In the RIS trap at Cockayne Hatley on 9th April (IPW).

Flight: usually June (week 15)*

Larval foodplant: Oak

15.093 *Phyllocnistis xenia* Hering [369]

Mines on *Populus alba* at Upper Stondon on 22nd August (MGB).

Flight: July, August, September to April

Larval foodplants: White and Grey Poplar

16.008 *Yponomeuta sedella* Treitschke [431]

To MV light at Carlton on 5th July (HAS) – an unusual date.

Flight: April–May, August (week 27)*

Larval foodplants: Orpine, and possibly other sedums

35.079 *Eulamprotes wilkella* (Linnaeus) [733]

To MV light at Eaton Ford on 25th July (AAL, genet KR).

Flight: June to August (week 30)*

Larval foodplants: Common Mouse-ear

43.008 *Scythris inspersella* (Hübner) [920a]

Netted at Sandy Heath Quarry on 4th July (DB).

Flight: July, August (week 27)*

Larval foodplants: Rosebay Willowherb

48.005 *Tebenna micalis* (Mann) [386]

In the RIS trap at Cockayne Hatley 16th–22nd October (IPW).

Flight: September, October (week 42)*

Larval foodplants: Fleabane

49.202 *Ancylis uncella* ([Denis & Schiffermüller]) [1118]

Photographed at The Lodge (RSPB Sandy) on 30th May (DGr).

Flight: May, June (week 22)*

Larval foodplants: Heather and birch

62.050 *Euzophera cinerosella* (Zeller) [1469]

In the RIS trap at Cockayne Hatley in August (IPW).

Flight: June to August (week 31)*

Larval foodplant: Wormwood

63.026 *Sclerocona acutellus* (Eversmann) [1374a]

To MV light at Bromham on 5th July (MaH & MiH).

Flight: June, July (week 27)*

Larval foodplants: Common Reed

63.048 *Palpita vitrealis* (Rossi) [1408]

To MV light at Eaton Ford on 24th October (AAL), and at Lower Stondon on 2nd November (AMB & MGB).

Flight: June, August to October (week 43)*

Larval foodplants: Unconfirmed

Species recorded for the first time since VCH (1904)

15.038 *Phyllonorycter kuehlweiniella* (Zeller) [319]

At The Lodge (RSPB Sandy) on 30th April (IKD).

32.009 *Agonopterix purpurea* (Haworth) [691]

At Biggleswade (LRB) and Luton (HJG), both in April.

49.233 *Epinotia solandriana* (Linnaeus) [1156]

At Lower Stondon on 20th July (AMB & MGB).

An amendment to the county list

In the report for 2006 I recorded, as new to the county, **43.011 *Scythris cicadella*** (Zeller) [919] – the genitalia slide has now been re-examined and this species has been removed from the county list. It is replaced by the following:

43.006 *Scythris potentillella* (Zeller) [920]

Netted at Cooper's Hill on 25th June 2006 (DVM).

Identity confirmed on 25th January 2015 by Bengt Bengtsson.

Flight: June, July (week 26)*

Larval foodplants: Unknown

Adult flight times have been culled from literature but all flight times marked with an asterisk (*) are local observations in Bedfordshire. The week numbers cited are the

standard week numbers used in the Rothamsted Insect Survey (RIS). The weeks of the year are numbered consecutively from 1–52 omitting 29th February and 31st December, and are approximate to those printed in pocket diaries.

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