

Amendments to species list since publication of the book The Butterflies and Moths of Bedfordshire in 1997.

This list, prepared in **October 2014**, contains a hundred and forty two new species.

***Eriocrania chrysolepidella* Zeller (7)**

Tenanted leaf-mines on hornbeam at Chicksands Wood on 14 May 2010 (AMB & MGB), and on hornbeam and hazel at Maulden Wood on 16 May 2010 (AMB & MGB)

Flight: April, May

Larval Foodplants: Hazel, hornbeam

Map TL03, 14

***Ectoedemia sericopeza* (Zeller) (21)**

Several records from the RIS trap at Cockayne Hatley from August 2003, and to Mv light at Eaton Ford in September 2004 (AAL). Further records in 2010 (AMB & MGB)

Flight: May June, August and September (weeks20,30,32,35-37)*

Larval Foodplant: Norway maple.

Map TL01-03,12-14,16,23,24

***Ectoedemia hannoverella* (Glitz) (24a)**

Leaf-mines at Arlesey on 12 November 2009, Chicksands Wood and Lower Stondon in 2010 (AMB & MGB)

Flight: May, June.

Larval Foodplant: Black Poplar hybrid (Populus x canadensis)

Map TL13,14

***Ectoedemia heringella* (Mariani) (36a)**

Vacated leaf-mines at Broom on 30 November 2009, and Luton (Stockwood Park) in December 2009 (AMB & MGB). Other sites from 2010.

Flight: May, June.

Larval Foodplant: Holm-oak

Map TL01,03,13,15

***Ectoedemia amani* Svensson (41a)**

One to Mv light at Upper Alders on 6 August 2010 (AMB & MGB). The only other known sites in Britain for this species are in Huntingdonshire (VC31)

Flight: July, August (week 32)*

Larval Foodplant: Elm

Map TL13

***Stigmella incognitella* (Herrich-Schäffer) (78)**

One vacated leaf-mine at Sharnbrook on 18 August 2010. Further records at Lower Stondon, Maulden Wood, Marston Vale CP, Luton and Biggleswade (AMB & MGB)

Flight: May, August

Larval Foodplant: Apple

Map SP95,TL01,02,03,04,13,14,23

***Stigmella tiliae* (Frey) (90)**

Vacated leaf-mines at Lower Stondon on 23 August 2010 (MGB), Woburn Park on 26 August, The Lodge, Sandy on 28 August and Ampt Hill Park on 29 August 2010 (AMB & MGB)

Flight: May to June, August

Larval Foodplant: Lime

Map SP93, TL03,11,13,14,15

***Stigmella aceris* (Frey) (102)**

Vacated leaf-mines at Leighton Buzzard on 30 October 2011 (MGB)

Larval Foodplant: Field Maple

Map SP92

***Stigmella sakhalinella* Puplesis (113)**

Vacated leaf-mines at Rowney Warren on 13 July 2008, and at Wilstead Wood and Maulden Wood in 2009. Further sites from 2010.

Larval Foodplant: Birch.

Map SP92,93,95,96 TL01,03,04,13,14,24

***Enteucha acetosae* (Stainton) (118)**

Vacated leaf-mines at Ampt Hill Park on 29 August 2010 (AMB & MGB)

Larval Foodplant: Sheep's sorrel or common sorrel

Map TL03

***Tischeria dodonaea* Stainton (124)**

Leaf-mines at The Lodge, RSPB, Sandy in 2002 (CWP)

Larval Foodplant: Oak and sweet chestnut

Map TL14

***Incurvaria pectinea* Haworth (129)**

Tenanted leaf-mines on hazel at Maulden Wood on 30 May 2010 (AMB & MGB)

Flight: April, May

Larval Foodplants: Apple, birch, hazel, hornbeam

Map SP94, TL03

***Lampronia oehlmanniella* (Hübner) (131)**

Three to Mv light at Stockgrove CP on 28 May 2010 (AMB & MGB).

Maulden Wood on 30 May 2010 (SEB)

Flight: May, June (week 22)*

Larval Foodplants: Dogwood, and Prunus species.

Map SP92, TL03

***Nemophora fasciella* (Fabricius) (144)**

One at Knocking Hoe on 10 June 2005 (MGB). At Ampthill in 2009, and Clifton in 2010 (AO)

Flight: June, July (week 23)*

Larval Foodplant: Black horehound

Map TL03, 13

***Nemophora minimella* ([Denis & Schiffmüller]) (145)**

Several at Barton Hills on 31 July 2005 (JEC). One at Studham, 24 July 2009 (CB)

Flight: July (weeks 30,31)*

Larval Foodplant: Scabious and Devil's-bit scabious

Map TL01, 03

***Bacota sepium* (Speyer) (183)**

Larval case on oak trunk at Sharnbrook, 24 April 1998.

Larval Food: Lichens

Map SP95

***Psychoides filicivora* (Meyrick) (200)**

Bred from pupa on Hart's-tongue fern at Sharnbrook, 9 April 2014 (emerged 1 May 2014)

Flight: May to September(week 18)*

Larval Foodplant: Hart's-tongue fern and other ferns

Map SP95

***Haplotinea insectella* (Fabricius) (212)**

In RIS traps at Eaton Bray in August 1997, and Cockayne Hatley in July 2009,

and at Great Early Grove on 13 August 2002.

Flight: June to August (weeks 30,32,33)*

Larval Food: Stored animal and vegetable products. Fungi out of doors.

Map SP92,95, TL05, 24

***Niditinea striolella* (Matsumura) (238)**

One to Mv light at Bromham on 9 July 2013 (PA).

Flight: June to August (week 27)*

Larval Food: Refuse of animal origin in birds' nests.

Map TL05

***Tinea columbariella* Wocke (239)**

One in the RIS trap at Cockayne Hatley in July 1999, at Eaton Ford on 7 June 2006 (AAL),

and Bromham on 4 July 2013 (MH.)

Flight: June to October (weeks 23,27,29)*

Larval Food: Refuse of animal origin, in birds' nests, poultry houses, on owl pellets, etc.

Map 05,16,24

***Tinea dubiella* Stainton (243)**

One in the RIS trap at Cockayne Hatley in August 2009.

Flight: May to September (week 35)*

Larval Food: Stored animal and vegetable products. Also in birds' nests and on owl pellets.

Map TL24

***Bucculatrix cidarella* Zeller (272)**

Leaf-mines and larvae at Lower Alders on 15 September 2010, and six additional sites

later in the year. (AMB & MGB)

Flight: May, June. An occasional second generation in August.

Larval Foodplant: Alder

Map SP93, TL03,04,13,15,23

***Bucculatrix demaryella* (Duponchel) (276)**

Vacated leaf-mines at Rowney Warren on 15 September 2010 (AMB & MGB)

Flight: May, June.

Larval Foodplant: Birches

Map SP92, TL14

***Caloptilia populetorum* (Zeller) (281)**

In the RIS trap at Cockayne Hatley in October 1991 and August 2003.

Flight: August to May (week 31)*

Larval Foodplants: Birches.

Map TL24

***Caloptilia azaleella* (Brants) (285)**

To Mv light at Lower Stondon, 9 August 2009 (AMB & MGB)

Flight: May, August (week 32)*

Larval Foodplants: Azalea (Rhododendron species)

Map TL13

***Caloptilia falconipennella* (Hübner) (289)**

In the RIS trap at Cockayne Hatley in April and November 2004, March 2005 and April 2006.
At Eaton Ford in October 2013 (AAL, genitalia det. KR.). Larval feeding signs at Arlesey,
Lower Alders and Woburn Park in 2010 (AMB & MGB)

Flight: September to May (weeks 12,14,17,41,47)*

Larval Foodplant: Alder

Map SP93, TL04,13,15,16,23,24

***Caloptilia semifascia* (Haworth) (290)**

Larval spinings at Ravensden, 18 October 2003 (GD), Sharnbrook, 5 October 2004 and
Turvey, 11 June 2005. Additional sites in 2010 (AMB & MGB)

One moth in the RIS trap at Cockayne Hatley in the week from 24 September 2009.

Flight: August to May (weeks 14-16,19,30-44)*

Larval Foodplants: Field maple and Sycamore.

Map SP92,94-96, TL01-06,11-16,23,24

***Parectopa ononidis* (Zeller) (299)**

In the RIS trap at Cockayne Hatley, 9-11 July and 13-20 August 2003. At Potton,
1 August 2004 (JEC). In the RIS trap at Ampthill during 2005.

To Mv light at Eaton Ford on 23 July 2006 (AAL).

Flight: May to September (weeks 28,31,33,37)*

Larval Foodplants: Clover and restharrow.

Map SP92, TL03, 13,16, 24

***Parornix carpinella* (Frey) (302a)**

Vacated leaf-mines at Chicksands Wood on 2 October 2010 (AMB & MGB)

Flight: May- June, August.

Larval Foodplant: Hornbeam

Map TL11,14

***Phyllonorycter kuehlweiniella* (Zeller) (319)**

One photographed at The Lodge, RSPB, Sandy on 30 April 2014 (IKD)

Flight: May, August. (week 18)*

Larval Foodplant: Oaks

Map TL14

***Phyllonorycter platani* (Staudinger) (321a)**

Several mines in fallen leaves at The Embankment, Bedford, in November 1998.

Further records since 2001 at Bedford, Carlton, Ravensden, Luton and Lower Stondon.

Flight: late April, May and August.

Larval Foodplant: London plane

Map SP92,93,95,96, TL02, 04, 05, 13

***Phyllonorycter mespilella* (Hübner) (325)**

Leaf-mines on cultivated pear at Upper Caldecote on 24 September 2014 (MBu)

Flight: May, August.

Larval Foodplant: Wayfaring tree, and occasionally other rosaceous trees

Map TL14

***Phyllonorycter strigulatella* (Lienig & Zeller) (344)**

Tenanted mines common on planted alders at riverside meadows, Eaton Ford, on 18 October 2004.

Also at River Ivel, Broom, on 10 December 2005 (JEC).

Flight: May, August.

Larval Foodplant: Grey alder.

Map TL14, 16

***Cameraria ohridella* Deschka & Dimic (366a)**

Tenanted mines at Milton Ernest and Oakley on 7 August 2005 (JEC).

The rapid spread of this recent immigrant is such that by September 2006
it had been recorded throughout the county.

Flight: probably three broods between May and September.

Larval Foodplants: Horse chestnut (*Aesculus hippocastanum* only).

Map: throughout the county

***Phyllocnistis saligna* (Zeller) (367)**

One to Mv light at Chicksands Wood on 8 August 2010. Mines at several sites from 2011. (AMB & MGB).

Flight: July, August (week 32)*, September to April

Larval Foodplants: Purple willow and crack willow

Map SP92,95, TL02-04,13-16,24

***Phyllocnistis xenia* Hering (369)**

Mines on *Populus alba* at Upper Stondon on 22 August 2014. (MGB)

Flight: July, August, September to April

Larval Foodplants: White and Grey Poplar.

Map TL13

***Glyphipterix forsterella* (Fabricius) (394)**

One swept at Flitwick Moor on 22 June 2013 (W. Powell).

Flight: May, June (week 25)*

Larval Foodplants: Sedges

Map TL03

***Argyresthia trifasciata* Staudinger (409a)**

To Mv light at Eaton Ford, Clophill and Studham in May and June 2004. At further sites from 2005.

Flight: May to July (weeks 16,18-26,29-33,38,40)*

Larval Foodplants: Juniper and cypress cultivars.

Map SP92, TL01-05,13-16,24

***Argyresthia cupressella* Walsingham (409b)**

To Mv light at Biggleswade on 1 and 6 June 2011 (LB).

Flight: June, July (weeks 22,23)*

Larval Foodplants: Juniper and cypress cultivars.

Map TL14

***Argyresthia glaucinella* Zeller (416)**

Signs of larval feeding on oak trunks, late April 1998, at Studham, Sharnbrook and Great Hayes Wood.

Other sites since then.

Flight: June to August (weeks 25,26)*

Larval Foodplants: Oaks, in the bark

Map SP92,93,95,96 TL01-03,06,14,24

***Yponomeuta sedella* Treischke (431)**

To Mv light at Carlton on 5 July 2014 (HAS) – an unusual date

Flight: April-May, August (week 27)*

Larval Foodplants: Orpine, and possibly other sedums

Map SP95

***Ocnerostoma piniariella* Zeller (444)**

One to Mv light at Eaton Ford on 23 June 2008 (AAL).

Flight: June (week 25)*

Larval Foodplant: Scots pine

Map TL16

***Ypsolopha horridella* (Treitsche) (456)**

One to Mv light at Maulden Wood on 6 August 2003 (CWP) and in the RIS trap

at Cockayne Hatley (week 20-26 August 2003)

Flight: July, August (weeks 32,34)*

Larval Foodplants: Blackthorn, apple.

Map TL03, 24

***Ochsenheimeria taurella* ([Denis & Schiffmüller]) (251)**

Maulden Wood on 6 August 2003. Upper Sundon and Houghton Regis Quarries, 2007 (CWP)

Studham Common CWS in 2012 (CB)

Flight: June to August (week 32)*

Larval Foodplants: Grasses.

Map TL01, 02, 03

***Acrolepiopsis assectella* (Zeller) (473)**

One to Mv light at Eaton Ford on 14 August 2006 (AAL).

Flight: October to April, June to August (week 31,33,36)*

Larval Foodplants: Onion, leek, garlic

Map TL02,05,14,16

***Phaulernis dentella* (Zeller) (477)**

To Mv light at Sharnbrook on 9 and 16 July 1975. One netted at Sewell on 9 June 2005 (LJH)

RSPB, Sandy on 11 August 2007 (MBo)

Flight: June, July (weeks 23,28,29,33)*

Larval Foodplants: Rough chervil, burnet saxifrage and ground-elder.

Map SP95, TL02, 14

***Coleophora prunifoliae* Doets (494a)**

In the RIS trap at Cockayne Hatley, 11-13 July 2003.

Flight: June, July (week 28)*

Larval Foodplant: Blackthorn.

Map TL24

***Coleophora alcyonipennella* (Kollar) (517)**

This species is included in the book, named as *Coleophora frischella* (Linnaeus).

Since publication, confusion between these two species has been resolved and it is clear that the species normally found in Britain is *Coleophora alcyonipennella*. At the time (2000) no specimens of *Coleophora frischella* had been identified, but since then it has occurred, confirmed by dissection.

Records of both species can therefore only be accepted where confirmed by dissection.

Flight: May to September (weeks 21, 24-37)*

Larval Foodplant: White clover, in larval case.

Map TL01, 03, 04, 13, 16, 24

***Coleophora frischella* (Linnaeus) (517a)**

One moth netted at Studham Common on 31 May 2010 (CB)

Flight: Not yet confirmed. (week 22)*

Larval Foodplants: In Europe, thistles, knapweed, scabious and others.

Map TL01

***Coleophora conyzae* Zeller (521)**

In the RIS trap at Cockayne Hatley in July 1996, Potton in 2002 (JEC), Eaton Ford in 2010 (AAL), and Biggleswade in 2012 (LB)

Flight: July (weeks 27-29,32)*

Larval Foodplants: Ploughman's spikenard and Common fleabane

Map TL14,16,24

***Coleophora genistae* Stainton (546)**

To Mv light at Clophill on 14 July 2004 (LJH)

Flight: June to August (week 30)*

Larval Foodplant: Petty whin

Map TL03

***Coleophora silenella* Herrich-Schäffer (550)**

To Mv light at Totternhoe Quarry on 6 July 2013 (AMB & MGB)

Flight: June, July (week 27)*

Larval Foodplant: Bladder campion

Map SP92

***Coleophora lassella* Staudinger (552)**

Two in the RIS trap at Cockayne Hatley, May / June 2003 and at Eaton Ford in 2008 (AAL)

Flight: June (weeks 22,23)*

Larval Foodplant: Toad rush

Map TL16,24

***Coleophora trochilella* (Duponchel) (556)**

In the RIS trap at Cockayne Hatley in July 1999. At Biggleswade in 2002, Sandhouse Lane NR and Eaton Ford in 2004, Lower Stondon in 2012 (AMB & MGB) and Wilden in 2013 (NW.)

Flight: July, August (weeks 27-32,34)*

Larval Foodplants: Mugwort, wormwood, yarrow, tansy and ox-eye daisy.

Map SP92, TL05,13,14,16,24.

***Coleophora gardesanella* Toll (557)**

To Mv light at Eaton Ford on 27 July 2012 (AAL, KR)

Flight: July, August (week 30)*

Larval Foodplants: Yarrow, sneezewort, mugwort and sea-wormwood

Map TL16

***Coleophora asteris* Mühlig (562)**

One specimen of this coastal species to Mv light at Sharnbrook on 20 August 1997.

Flight: July, August (week 34)*

Larval Foodplant: Sea aster.

Map SP95

***Elachista alpinella* Stainton (599)**

To Mv light at Sharnbrook on 18 July 1997 and in the RIS trap at Cockayne Hatley in the week 20-26 August 1997. Eaton Ford, 22 April 2009 (AAL)

Flight: July to September (weeks 16,29,34)*

Larval Foodplant: Sedges.

Map SP95, TL16,24

***Elachista adscitella* Stainton (622)**

One netted at Chicksands Wood on 14 June 1997 (CB). In RIS traps at Cockayne Hatley (July 2004) and Ampthill (2004). Dedmansey Wood on 27 July 2007 (AMB & MGB)

Flight: May to August (weeks 24,25,28-31)*

Larval Foodplants: Tufted hair-grass and Blue moor-grass.

Map TL01,03,14,24

***Biselachista serricornis* (Stainton) (626)**

Two netted at Flitwick Moor on 4 June 2012, and one at Clifton, River Ivel Navigation on 5 June 2012 (AO).

Flight: June, July

Larval Foodplants: Wood-sedge, and possibly other sedges

Map TL03, 13

***Denisia albimaculea* (Haworth) (638a)**

One to Mv light at Ampthill Park 28 May 2011 (AMB & MGB)

Flight: May, June (week 22)*

Larval Food: bark of various trees

Map TL03

***Metalampra italica* Baldizzone (642a)**

To light Studham on 27 June 2006 and 5 August 2012 (CB). Seen in a garden in Biggleswade on 4 and 11 July 2012 (RL). In the RIS trap at Houghton Regis in August 2012 (AMB)

Flight: not yet confirmed in UK. (weeks 26-28,31)*

Larval Foodplants: unknown.

Map SP92, TL01,14

***Telechrysis tripunctana* (Haworth) (646)**

One found indoors at Studham on 24 June 2001 (CB).

Flight: May, June (week 26)*

Larval Food: probably rotten wood.

Map TL01

***Pseudatemelia josephinae* (Toll) (660)**

One found indoors at Studham on 24 July 1998 (CB).

Flight: June to August (week 30)*

Larval Food: probably leaf-litter and lichens.

Map TL01

***Agonopterix pallorella* (Zeller) (700)**

To Mv light at Barton Hills NR on 11 August 2007

Flight: September to May (week 32)*

Larval Foodplants: Knapweed, greater and lesser.

Map TL03

***Agonopterix curvipunctosa* (Haworth) (711)**

One netted at Totternhoe Knolls on 14 May 2006 (JEC)

Flight: August to May (week 20)*

Larval Foodplants: Bur chervil, Rough chervil and Cow parsley.

Map SP92

***Paltodora cytisella* (Curtis) (728)**

Coopers Hill, Ampthill, caught 26 July 1992. Identified in 1998.

Flight: July (week 30)*

Larval Foodplant: Bracken.

Map TL03

***Apodia bifractella* (Duponchel) (730)**

In the RIS trap at Cockayne Hatley in August 1997. Also in 1998, 1999 and 2009

Flight: July, August (weeks 31,32)*

Larval Foodplants: Common fleabane, Inula spp. And sea aster.

Map TL24

***Eulamprotes wilkella* (Linnaeus) (733)**

To Mv light at Eaton Ford on 25 July 2014 (AAL, genitalia det. KR)

Flight: June to August (week 30)*

Larval Foodplants: Common mouse-ear

Map TL16

***Monochroa conspersella* (Herrich-Schäffer) (739)**

mis-identified. This entry should be deleted and replaced by :

***Monochroa lutulentella* (Zeller) (742)**

Post VCH: Recorded from RIS traps at Cockayne Hatley (July 1995)

and Eaton Bray (July 1997). Forty Acre Wood (June 2004). Eaton Ford, 2010 (AAL)

Flight: June to August (weeks 24,26-29)*

Larval Foodplant: Dropwort.

Map SP92,95 TL16,24

***Monochroa hornigi* (Staudinger) (740)**

Several specimens in the RIS trap at Cockayne Hatley in 1996.

To Mv light at Eaton Ford, 20 July 2004 (AAL).

Flight: June to August (weeks 26-29,33)*

Larval Foodplants: Polygonum spp.

Map TL16,24

***Recurvaria leucatella* (Clerck) (758)**

One to Mv light at Lower Stondon on 11 July 2011 (AMB & MGB).

Waterloo Thorns, 17 July 2011 (DB)

Flight: July (week 29)*

Larval Foodplants: Hawthorn, apple

Map TL13, 15

***Bryotropha basaltinella* (Zeller) (777)**

One to Mv light at Sharnbrook on 23 July 2013

Flight: June to August (week 29)*

Larval Foodplant: Mosses

Map SP95

***Bryotropha similis* (Stainton) (780)**

In the RIS trap at Cockayne Hatley in July 1989. (Genitalia slide identified May 2002).

To Mv light at Eaton Ford, August and September 2003.

Flight: June to September (weeks 34-36)*

Larval Foodplants: Mosses on walls.

Map TL16,24

***Aroga velocella* (Zeller) (796)**

Swept from heather at Coopers Hill on 11 July 1997. To Mv light at RSPB Sandy, 10 May 2008 (AMB & MGB)

and in the RIS trap at Cockayne Hatley in July 2009. Eaton Ford, June 2009 (AAL)

Flight: May, late June to August (weeks 19,26,28)*

Larval Foodplant: Sheep's sorrel.

Map TL03,14, 16, 24

***Gelechia scotinella* Herrich-Schäffer (801)**

In the RIS trap at Cockayne Hatley in August 2010

Flight: June to August (week 34)*

Larval Foodplant: Blackthorn

Map TL24

***Gelechia senticetella* Staudinger (801a)**

In the RIS traps at Eaton Bray (1997), Cockayne Hatley (2006) and Ampthill (2006). To Mv light

at Lower Stondon, 28 July 2004 (AMB & MGB) and Eaton Ford, 20 July 2006 (AAL).

Further sites from 2007.

Flight: July, August (weeks 27-34)*

Larval Foodplant: Junipers, including garden varieties.

Map SP92, TL02-05,13,14,16,24

***Gelechia nigra* (Haworth) (806)**

To Mv light at Maulden Wood on 9 July 2003 (CWP) and Sharnbrook on 5 July 2014.

Flight: June, July (week 28)*

Larval Foodplants: Aspen, white and grey poplar.

Map SP95, TL03

***Platyedra subcinerea* (Haworth) (808)**

To Mv light at Eaton Ford, 26 April 2004 (AAL), Clophill, 29 May 2004 (LJH)

and Lower Stondon, 17 August 2004 (AMB & MGB). Further records to 2013.

Flight: August to June (weeks 15,17,20-22,24,32,33)*

Larval Foodplant: Common mallow.

Map TL03,13,14,16,24

***Reuttia subocellea* (Stephens) (840)**

Larva in case made of thyme seed-pods at Knocking Hoe on 5 September 1999 (RWU).

To Mv light at Lower Stondon, 19 July 2010 (AMB & MGB)

Flight: July, August. (week 29)*

Larval Foodplants: Marjoram, water-mint, thyme.

Map TL13

***Syncopacma larseniella* (Gozmány) (844)**

Netted at Double Arches Quarry (Heath and Reach) on 22 June 2001 (CB) and Bison Hill,

Whipsnade on 9 July 2005 (AMB & MGB). To Mv light at Maulden Wood on 9 July 2003 (CWP).

Chicksands Wood on 11 July 2010 (AMB & MGB). In the RIS trap at Ampthill in 2006.

Flight: June, July (weeks 24,28)*

Larval Foodplant: Greater bird's foot trefoil.

Map SP92, TL01,03,13,14

***Syncopacma taeniolella* (Zeller) (847)**

One netted on chalk grassland at Ravensdell Wood and Meadows, Studham (VC20) on 23 July 1997.

Obtained by sweeping at Sharpenhoe, Houghton Regis Chalk Pit, Pegsdon Hills NR and

Totternhoe Quarry in 2012 – (AMB & MGB). These 2012 records are the first for VC30.

Eaton Ford, to Mv light on 31 July 2013 (AAL, genitalia det. KR.).

Flight: July (week 28-31)*

Larval Foodplants: Bird's foot trefoil, clovers and medicks.

Map SP92, TL01,02,12,16

***Anacampsis blattariella* (Hübner) (854)**

To Mv light at Great Hayes Wood, 19 July 1999 (HAS). Also at Maulden Wood,

Millbrook, Flitwick Moor, the RIS trap at Cockayne Hatley, and other sites since 2007.

Flight: July to September (weeks 23,28-30,33,34)*

Larval Foodplant: Birch.

Map SP94,96, TL01,03,14,24

***Psoricoptera gibbosella* (Zeller) (859)**

To Mv light at Maulden Wood, 7 August 2002 (CWP)

Flight: July to October (week 32)*

Larval Foodplant: Oaks.

Map TL03

***Oegoconia quadripuncta* (Haworth) (870)**

To Mv light at Luton, 8-9 August 1998 (RW). Also at Eaton Ford and Lower Stondon in 2004, and the RIS trap at Ampthill in 2006. Other sites from 2007.

Flight: July, August (weeks 19,24-36)*

Larval Food: Decaying vegetable matter.

Map SP92,95,TL02,03,05,13,14,16,24

***Oegoconia caradjai* Popescu-Gorj & Capuse (871a)**

To Mv light at Potton, 27 July 2002 and 7 August 2003 (JEC). Biggleswade (LB) in 2011, and Lower Stondon in 2012 (AMB & MGB)

Flight: July, August (weeks 24-26,28,30,32,33)*

Larval Food: Leaf-litter.

Map TL13,14,24

***Mompha langiella* (Hübner) (880)**

Vacated mines on *Epilobium hirsutum* at Maulden Wood, 8 July 2005.

Flight: June, July.

Larval Foodplants: Enchanter's nightshade, great and broad-leaved willowherbs

Map TL03

***Mompha terminella* (Humphreys & Westwood) (881)**

Leaf-mines at Chicksands Wood and Maulden Wood, 4 September 2011, and Potton Wood, 5 September 2011 (AMB & MGB), Studham (CB) and Sharnbrook (DVM)

Flight: June.

Larval Foodplants: Enchanter's nightshade

Map SP 95, TL01,03,14,24,25

***Mompha bradleyi* Reidl (889a)**

Found indoors at Rifle Range Farm, Yelden in 2002. To Mv light at Upper Caldecote in 2011 (MBu)

Flight: July to September, and after hibernation until May. (weeks 8,39)*

Larval Foodplant: Great willowherb.

Map TL06,14

***Mompha jurassicella* (Frey) (890)**

One found indoors at Bromham on 30 October 2009 (PA) (female, dissected).

To Mv light at Biggleswade on 15 March 2012 (LB)

Flight: from September, and after hibernation until April (week 11,44)*

Larval Foodplant: Great willowherb.

Map TL05,14

***Mompha sturnipennella* (Treitschke) (891)**

One to Mv light at Biggleswade on 24 July 2010 (LB)

Flight: July, August (week 30)* then from September to May

Larval Foodplant: Rosebay willowherb.

Map TL14

***Cosmopterix zieglerella* (Hübner) (894)**

Leaf-mines at Ravensden on 7 September 2003, Bedford on 1 October 2003 and Stevington Marsh on 7 August 2005 (JEC). At Hobbs Green Spinney on 10 September 2003.

Lower Stondon and Biggleswade in 2010

Flight: May to July.

Larval Foodplant: Hop.

Map SP95, TL04,05,13,15,24

***Blastodacna atra* (Haworth) (906)**

In RIS traps at Cockayne Hatley in August 1998 and Ampthill in 2004.

To Mv light at Eaton Ford on 11 July 2004 and 19 July 2007 (AAL).

Flight: July, August (weeks 22,28,29,32,33)*

Larval Foodplant: Apple, in a shoot.

Map TL03,16,24

***Sorhagenia lophyrella* (Douglas) (909)**

In the RIS trap at Cockayne Hatley in August 1995 and July 2001 and 2003.

Flight: May to August (weeks 27,28,31)*

Larval Foodplant: Blackthorn.

Map TL24

***Scythris picaepennis* (Haworth) (915)**

Netted at Dunstable Downs on 9 July 2005, Sharpenhoe and Totternhoe Quarry in July 2012 (AMB)

Flight: July (week 28,30)*

Larval Foodplants: Bird's-foot trefoil and wild thyme.

Map SP92,TL02

***Scythris cicadella* (Zeller) (919)**

Netted at Coopers Hill on 25 June 2006.

Flight: June, July (week 26)*

Larval Foodplants: Knawel.

Map TL03

***Scythris inspersella* (Hübner) (920a)**

Netted at Sandy Heath Quarry on 4 July 2014 (DB)

Flight: July, August (week 27)*

Larval Foodplants: Rosebay willowherb

Map TL24

***Phtheochroa sodaliana* (Haworth) (923)**

One to Mv light at Blows Downs (VC20), 31 May 2008 (CWP)

Flight: June, July (week 22)*

Larval Foodplant: Buckthorn

Map TL02

***Hysterophora maculosana* (Haworth) (924)**

One to Mv light at Halsey Wood, 23 April 2007 (HAS)

Flight: April, May (week 17)*

Larval Foodplant: Bluebell

Map SP96

***Cochylidia heydeniana* (Herrich-Schäffer) (957)**

In the RIS trap at Cockayne Hatley in May and August 2010. Biggleswade, July 2011 (LB)

Houghton Regis Chalk Pit on 2 August 2013 (AMB & MGB)

Flight: April to May, July (week 20,27,31)*

Larval Foodplant: Blue fleabane and Canadian fleabane

Map TL 02,14,24

***Cochylidia rupicola* (Curtis) (959)**

One in the RIS trap at Cockayne Hatley in July 2008.

Flight: June, July (week 30)*

Larval Foodplant: Hemp agrimony

Map TL24

***Cochylis molliculana* Zeller (964a)**

To Mv light at Biggleswade, 10 June 2004.(RR) One to Actinic light at Luton, 29 Aug 2008 (HG).

Lower Stondon, 24 June 2010 (AMB & MGB). In the RIS trap at Cockayne Hatley in June 2011.

Other sites in 2013.

Flight: May, June and July to August (week 24-26,33-36)*

Larval Foodplant: Bristly ox-tongue

Map TL02-05,13,14,24

***Clepsis coriacana* (Rebel) (993a)**

One in the RIS trap at Ampthill between 13 August and 9 September 2006.

This is the first British record of a species resident in the Canary Islands and Morocco.

The only previous records in Europe are from Gibraltar during 2006.

A full account of this record is in *The Entomologist's Record*, 119, 235-7.

Map TL03

***Capua vulgana* (Frölich) (1007)**

To Mv light at King's Wood, Heath and Reach, 26 May (AMB & MGB)

Flight: May, June (week 21)*

Larval Foodplants: Hornbeam, alder, rowan, bilberry.

Map SP92

***Cnephasia pumicana* (Zeller) (1022a)**

In the RIS trap at Cockayne Hatley in July 2011 (confirmed by dissection during 2012),

with further records in 2012. To Mv light at Lower Stondon, 12 August 2012 (AMB and MGB)

and Biggleswade, 14 August 2012 (LB)

Flight: June to August (week 28-33)*

Larval Foodplants: Polyphagous in Europe, but not yet confirmed in Britain

Map TL13,14,24

***Cnephasia pasiuana* / *pumicana* (1022x)**

The previous species, *Cnephasia pumicana*, was recognized as British in 2010, and can only be separated from *Cnephasia pasiuana* by dissection.

See *Entomologist's Record and Journal of Variation* 122: 137-142. Earlier records of

Cnephasia pasiuana must therefore be deemed to belong to this species pair.

***Cnephasia genitalana* Pierce & Metcalfe (1023)**

Stotfold, 5 August 1988 (TH). In the RIS trap at Cockayne Hatley in 1996 and 1997.

Records throughout the county since 2000.

Flight: July, August (weeks 24,26-35,38)*

Larval Foodplants: Polyphagous on herbaceous plants.

Map SP91,95, TL01, 03-06, 13,14,16,23,24

***Acleris logiana* (Clerck) (1051)**

To light at RSPB, The Lodge, Sandy, 19 February 2009 (NW). One to Mv light at Flitwick Moor, 5 July 2009 (AMB & MGB), and at Upper Caldecote on 18 March 2010 (MBu).

Until recently this species was known in Britain only from the highlands of Scotland.

In 1991 it was found in Hampshire, and from 2000 onwards has been recorded in several southern and East Anglian counties.

Flight: in Scotland, September to April. In England also June to August (weeks 8,11,27,29,38)*

Larval Foodplant: Birches

Map TL03,05,14

***Endothenia ustulana* (Haworth) (1101)**

One to Mv light at Sharnbrook, 11 July 1998.

Flight: June, July (week 28)*

Larval Foodplant: Bugle.

Map SP95

***Endothenia ericetana* (Humphreys & Westwood) (1103)**

At Forty Acre Wood, 23 June 1998. In the RIS trap at Cockayne Hatley in 1996, 2005 and 2006, and the RIS trap at Eaton Bray in 2012.

Flight: June to September (weeks 29,31,35,36)*

Larval Foodplants: Marsh woundwort, corn mint.

Map SP92,95, TL24

***Bactra furfurana* (Haworth) (1110)**

In the RIS trap at Cockayne Hatley in 2000, 2004 and 2011 To Mv light at Harrold/Odell CP, 8 August 2005. Eaton Ford from 2008 (AAL). Biggleswade in 2013 (LB)

Flight: June to August (weeks 22,24,27,30-33)

Larval Foodplants: Common club-rush, compact rush.

Map SP95, TL14,16,24

***Eudemis porphyrana* (Hübner) (1114)**

To Mv light at Biggleswade, 2 and 11 August 2013 (LB)

Flight: July, August (weeks 31,32)*

Larval Foodplants: Apple, especially old crab-apple trees

Map TL14

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

Photographed at The Lodge, RSPB, Sandy on 30 May 2014 (D. Grundy)

Flight: May, June (week 22)*

Larval Foodplants: Heather and birch

Map TL14

***Ancylis upupana* (Treitschke) (1121)**

One to Mv light at Flitwick Moor, 6 May 2011 (AMB & MGB)

Flight: May, June (week 18)*

Larval Foodplants: Birch, elm

Map TL03

***Epinotia fraternana* (Haworth) (1143)**

To Mv light at Eaton Ford on 6 June 2006 (AAL).

Flight: May to July (week 23)*

Larval Foodplants: Fir (*Abies* spp.)

Map TL16

***Epinotia caprana* (Fabricius) (1154)**

To Mv light at Biggleswade on 20 July 2011 (LB).

Flight: May to July (week 23)*

Larval Foodplants: Willow and bog-myrtle

Map TL14

***Crociosema plebejana* Zeller (1157)**

In the RIS trap at Cockayne Hatley in 1996, and subsequent years.

Flight: June to October (weeks 23,31-35,43,44)*

Larval Foodplants: Mallows, tree-mallow.

Map TL24

***Rhopobota stagnana* ([Denis & Schiffermüller]) (1161)**

To Mv light at Eaton Ford on 24 July 2010 (AAL), confirmed by dissection (KR).

Flight: April to June, July to September (week 30)*

Larval Foodplants: Scabious and devil's-bit scabious

Map TL16

***Gypsonoma sociana* (Haworth) (1168)**

To Mv light at Duck End NR Maulden on 3 July 2004 (LJH). In the RIS trap at Cockayne Hatley from 2006. Sandhouse Lane NR in 2007. Other sites from 2009.

Flight: June to August (week 25-29)*

Larval Foodplants: Poplar, aspen, sallows.

Map SP92,94, TL03,14-16,24

***Gypsonoma minutana* (Hübner) (1171)**

To Mv light at Eaton Ford on 18 July 2004 and 8 August 2005 (AAL).

Clophill, 31 July 2004 (LJH). Biggleswade, 17 August 2013 (LB)

Flight: July, August (weeks 29-33)*

Larval Foodplants: Poplars.

Map TL03,14,16

***Eucosma tripoliana* (Barrett) (1193)**

In the RIS trap at Cockayne Hatley in August 2004. This is a coastal species, usually found in salt-marshes.

Flight: July, August (week 32)*

Larval Foodplant: Sea-aster.

Map TL24

***Eucosma metzneriana* (Treitschke) (1196)**

In the RIS trap at Cockayne Hatley in June 2011.

Flight: July, August (week 26)*

Larval Foodplant: Wormwood and mugwort.

Map TL24

***Spilonota laricana* (Heinemann) (1205a)**

Since 1999 this species has been separated by dissection from *Spilonota ocellana*.

Confirmed sites are at Marston Thrift, Luton, Bromham, Eaton Ford and

Rothamsted Traps at Cockayne Hatley and Ampthill.

Flight: June to August (weeks 27-34)*

Larval Foodplant: Larch

Map SP94, TL02,03,05,16,24

***Pseudococcyx posticana* (Zetterstedt) (1208)**

To Mv light at Kempston on 21 May 2012 (MP)

Flight: May, June (week 21)*

Larval Foodplant: Scots pine

Map TL04

***Grapholita caecana* (Schläger) (1240)**

Netted at Totternhoe quarry on 2 June 2009 (DW)

Flight: end of May to July (week 22)*

Larval Foodplant: Sainfoin

Map SP92

***Cydia pallifrontana* (Lienig & Zeller) (1243)**

Swept from foodplant at Souldrop on 3 June 1997 and in 2002. In 2012 found at Bedford (Mowsbury Hill),

Cardington and Dungee Wood (KB), and at Sharnbrook Summit (Br. JM)

Flight: June, July (weeks 22-28)*

Larval Foodplant: Wild liquorice.

Map SP95,96, TL04,05,14

***Cydia servillana* (Duponchel) (1256)**

To Mv light at Eaton Ford on 25 May 2012 (AAL, genitalia det. KR)

Flight: May, June (week 21)*

Larval Foodplant: Sallows

Map TL16

***Cydia cosmophorana* (Treitschke) (1267)**

Netted at New Wavendon Heath (VC24) on 14 June 2008 (M. Harvey)

Flight: May to July (week 24)*

Larval Foodplant: Scots pine

Map SP93

***Crambus pratella* (Linnaeus) (1300)**

To Mv light at Eaton Ford on 5 June 2004 (AAL, genitalia checked by BD).

This rare species is established at the nearby Little Paxton Gravel Pits (Huntingdonshire, VC31)

Flight: June, July (week 23)*

Larval Foodplants: Grasses, especially hair-grass.

Map TL16

***Schoenobius gigantella* ([Denis & Schiffermüller]) (1328)**

To Mv light at Eaton Ford on 5 and 15 June 2004 and in 2006 (AAL). Other sites from 2007.

Flight: June to August (weeks 21,23,24,26-30)*

Larval Foodplants: Common reed and reed sweet-grass.

Map SP95,TL03,04,14-16, 24

***Sclerocona acutellus* (Eversmann) (1374a)**

To Mv light at Bromham on 5 July 2014 (MH)

Flight: June, July (week 27)*

Larval Foodplants: Common reed.

Map TL05

***Diploseustis perieresalis* (Walker) (1397a)**

To Mv light at Biggleswade on 3 August and 15 September 2011 (LB).

Indoors at Upper Stondon, 21 October 2011 (JE)

Flight: July, August, October, November (weeks 31,37,42)*

Larval Foodplants: probably *Carex* species

Map TL13,14

***Duponchelia fovealis* Zeller (1403a)**

To Mv light at Upper Caldecote on 19 July 2010 (MBu). Indoors at Toddington,

30 September 2011 (JP). Leighton Buzzard on 7 June 2013 (AW)

Flight: May, June, October (week 23,29,39)*

Larval Foodplants: various cultivated plants

Map SP92, TL02,14

***Palpita vitrealis* (Rossi) (1408)**

To Mv light at Eaton Ford on 24 October 2014 (AAL).

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

Larval Foodplants: Unconfirmed

Map TL16

***Diaphania perspectalis* Walker (1409a)**

To Mv light at Luton on 30 August 2013 (AG)

Flight: July to October (week 35)*

Larval Foodplants: Box.

Map TL02

***Oncocera semirubella* (Scopoli) (1441)**

To Mv light at Studham on 24 July 2006 (CB) and Toddington on 31 July 2013 (J P.)

Flight: July, August (weeks 30,31)*

Larval Foodplants: Bird's-foot trefoil, white clover and rest-harrow.

Map TL01,02

***Pempelia palumbella* ([Denis & Schiffermüller]) (1442)**

To Mv light at The Lodge, RSPB, Sandy on 2 June 2011 (SB) and 9 June 2011 (LB & MBu)

Flight: June to August (weeks 22,23)*

Larval Foodplants: Heathers, milkwort and thyme

Map TL14

***Dioryctria sylvestrella* (Ratzeburg) (1454b)**

A newly recognised species in Britain (Entomologist's Gazette (2002) Vol 53: 137-142).

One to Mv light at Maulden Wood on 9 July 2003, confirmed by genitalia (CWP)

At RSPB, The Lodge, Sandy in August 2009 (DB and AMB & MGB). Chicksands Wood on

8 August 2010 (AMB & MGB), and Home Wood, Northill on 28 July 2011 (LB and MBu)

Flight: June to September (weeks 28,30-32,34)*

Larval Foodplants: Continental records include Scots pine and related species.

Map TL03,14

***Pempeliella dilutella* (Haworth) (1462)**

In RIS traps at Eaton Bray (1996) and Cockayne Hatley (2004). At several other sites since 2004.

Flight: June to August (weeks 22-32)*

Larval Foodplant: Wild thyme.

Map SP91,92, TL01-03,14,24

***Nephopterix angustella* (Hübner) (1465)**

To Mv light at Luton, 5 August 1999 (RW). At Lower Stondon from 2004 (AMB & MGB)

and Eaton Ford from 2004 (AAL). In the RIS trap at Cockayne Hatley (2006).

At Upper Caldecote in 2010 (MBu).

Flight: June to September (weeks 24-27, 31-32,34-36)*

Larval Foodplant: Spindle.

Map TL02,13-16,24

***Euzophera cinerosella* (Zeller) (1469)**

In RIS trap at Cockayne Hatley in August 2014.

Flight: June to August (week 31)*

Larval Foodplant: Wormwood.

Map TL24

***Vitula biviella* (Zeller) (1478b)**

To Mv light at Biggleswade on 4 July 2011 (SB) and 20 July 2011 (LB).

At The Lodge, RSPB, Sandy on 11 July 2011 (DB) and Lower Stondon on 19 July 2011 (AMB & MGB).

To Mv light at Eaton Ford on 20 July 2013 (AAL, genitalia det. KR.)

Flight: June to August (weeks 27-29)*

Larval Foodplant: Pine

Map TL13,14,16,24

***Homoeosoma nebulella* ([Denis & Schiffermüller]) (1480)**

To Mv light at Ampthill Park, 21 September 2001.

Flight: June to August, occasionally September (week 38)*

Larval Foodplants: Spear-thistle, common ragwort, tansy, ox-eye daisy.

Map TL03

***Phycitodes maritima* (Tengström) (1485)**

To Mv light at Sharnbrook, 2 August 1999, Studham, June 2005 (CB), Eaton Ford, May 2011 (AAL)
 And Great Hayes Wood, August 2012 (HAS).

Flight: May to August (weeks 20,23,31,34)*

Larval Foodplants: Yarrow, common ragwort, tansy.

Map SP95,96 TL01,16

***Platyptilia ochrodactyla* (Denis & Schiffermüller) (1503)**

Found dead indoors at The Lodge, RSPB, Sandy on 11 July 2011 (DB)

Flight: July, August (week 29)*

Larval Foodplant: Tansy

Map TL14

***Ovendenia lienigianus* (Zeller) (1518)**

Two specimens in malaise trap at Luton Airport between 15 June and 5 July 1999 (CWP).

One in the RIS trap at Cockayne Hatley between 25 June and 1 July 1999. At Totternhoe Old Quarry, netted by MH on 6 July 2013 (AMB & MGB)

Flight: June, July (weeks 26,27)*

Larval Foodplants: Mugwort, ox-eye daisy

Map SP62 TL12,24

References

Arnold, V.W., Baker, C.R.B., Manning, D.V. and Woiwod, I.P. 1997 *The Butterflies and Moths of Bedfordshire*
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