

Micro-moths 2010

David Manning

Seventeen new species were added to the county list during the year. These records are shown in the same format as in the Society's book *The Butterflies and Moths of Bedfordshire*.

New Species in VC30 (Bedfordshire)

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

Tenanted leaf-mines on Hornbeam at Chicksands Wood on 14th May 2010 (AMB & MGB), and on Hornbeam and Hazel at Maulden Wood on 16th May 2010 (AMB & MGB).

Flight: April, May

Larval foodplants: Hazel, Hornbeam

Map TL03, 14

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

One to MV light at Upper Alders on 6th August 2010 (AMB & MGB det. DVM). 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 18th August 2010 (DVM). Further records (AMB & MGB) at Lower Stondon, Maulden Wood and Biggleswade.

Flight: May, August

Larval foodplant: Apple

Map SP95, TL03, 13, 14

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

Vacated leaf-mines at Lower Stondon on 23rd August 2010 (MGB), Woburn Park on 26th August, The Lodge (RSPB Sandy) on 28th August and Ampthill Park on 29th August 2010 (AMB & MGB).

Flight: May to June, August

Larval foodplant: Lime

Map SP93, TL03, 13, 14

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

Vacated leaf-mines at Ampthill Park on 29th 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 30th May 2010 (AMB & MGB).

Flight: April, May

Larval foodplants: Apple, birch, Hazel, Hornbeam
Map TL03

Lampronia oehlmanniella (Hübner) (131)

Three to MV light at Stockgrove CP on 28th May 2010 (AMB & MGB) and daytime Maulden Wood on 30th May 2010 (SEB).

Flight: May, June (week 22)*

Larval foodplants: Dogwood, and *Prunus* species

Map SP92, TL03

Bucculatrix cidarella Zeller (272)

Leaf-mines and larvae at Lower Alders on 15th September 2010 (AMB & MGB) and at a further six sites later in the year.

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

Larval foodplant: Alder

Map SP93, TL03, 13

Bucculatrix demaryella (Duponchel) (276)

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

Flight: May, June.

Larval foodplant: Birches

Map TL14

Parornix carpinella (Frey) (302a)

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

Flight: May- June, August.

Larval foodplant: Hornbeam

Map TL14

Phyllocnistis saligna (Zeller) 367

One to MV light at Chicksands Wood on 8th August 2010 (AMB & MGB).

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

Larval foodplants: Purple Willow and Crack Willow

Map TL14

Coleophora frischella (Linnaeus) (517a)

One moth netted at Studham Common on 31st May 2010 (CRBB det. DVM).

Flight: Not yet confirmed. (week 22)*

Larval foodplants: In Europe, thistles, knapweed, scabious and others

Map TL01

Gelechia scotinella Herrich-Schäffer (801)

In the RIS trap at Cockayne Hatley in August 2010 (IPW det. DVM).

Flight: June to August (week 34)*

Larval foodplant: Blackthorn

Map TL24

Cochylidia heydeniana (Herrich-Schäffer) (957)

One in the RIS trap at Cockayne Hatley in May 2010 (IPW det. DVM).

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

Larval foodplant: Blue Fleabane and Canadian Fleabane

Map TL24

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

To MV light at Eaton Ford on 24th 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

Duponchelia fovealis Zeller (1403a)

To MV light at Upper Caldecote on 19th July 2010 (MBu).

Flight: May, June, October (week 29)

Larval foodplants: various cultivated plants

Map TL14

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.

The following are new 10km square records for micro-lepidoptera to add to the maps given in *The Butterflies and Moths of Bedfordshire*, and for species added in my reports from 1996 onwards. These new records were generally made during the year 2010. A few records from earlier years are marked with an asterisk (*).

		80	<i>Stigmella ulmivora</i>	TL03, 15	
1	<i>Micropterix tunbergella</i>	TL03	81	<i>Stigmella hemargyrella</i>	SP95
8	<i>Eriocrania unimaculella</i>	TL04	88	<i>Stigmella samiatella</i>	SP93, TL14*
11	<i>Eriocrania cicatricella</i>	TL04	89	<i>Stigmella basiguttella</i>	TL01
12	<i>Eriocrania sangii</i>	TL04	93	<i>Stigmella centifoliella</i>	TL05
13	<i>Eriocrania semipurpurella</i>	TL04	98	<i>Stigmella catharticella</i>	TL14
20	<i>Ectoedemia decentella</i>	TL16	99	<i>Stigmella hybnerella</i>	TL11
21	<i>Ectoedemia sericopeza</i>	TL02, 03, 13, 14	111	<i>Stigmella microtheriella</i>	TL15
22	<i>Ectoedemia louisella</i>	TL04, 13, 14, 15	112	<i>Stigmella luteella</i>	TL01
24a	<i>Ectoedemia hannoverella</i>	TL14	113	<i>Stigmella sakhalinella</i>	SP93, 95, TL01, 13, 24
25	<i>Ectoedemia intimella</i>	TL16	116	<i>Stigmella lapponica</i>	TL01, 04
35	<i>Ectoedemia minimella</i>	TL01	117	<i>Stigmella confusella</i>	TL01
37	<i>Ectoedemia albifasciella</i>	TL01, 16	123	<i>Tischeria ekebladella</i>	SP93, TL15
40	<i>Bohemannia pulverosella</i>	SP93, TL04, 13, 14, 16	125	<i>Emmetia marginea</i>	TL01
42	<i>Ectoedemia septembrella</i>	SP92, TL14	128	<i>Phylloporia bistrigella</i>	SP93, TL01
46	<i>Trifurcula immundella</i>	TL13	130	<i>Incurvaria masculella</i>	TL15
53	<i>Stigmella splendidissimella</i>	TL14	141	<i>Nematopogon schwarziellus</i>	TL14*
64	<i>Stigmella continuella</i>	TL01, 02, 04, 13	148	<i>Nemophora degeerella</i>	TL23
65	<i>Stigmella speciosa</i>	SP92, 95	151	<i>Adela croesella</i>	TL06
70	<i>Stigmella obliquella</i>	SP93	154	<i>Heliozela sericiella</i>	SP93, 95, TL13
73	<i>Stigmella trimaculella</i>	TL03	156	<i>Heliozela resplendella</i>	SP93, TL04, 13
74	<i>Stigmella assimilella</i>	TL14	157	<i>Heliozela hammoniella</i>	TL03
75	<i>Stigmella floslactella</i>	TL15	158	<i>Antispila metallella</i>	SP92, TL03, 04, 13, 14
79	<i>Stigmella perpygmaeella</i>	TL01, 13	159	<i>Antispila treitschkiella</i>	TL04

175	<i>Narycia duplicella</i>	TL05	494	<i>Coleophora coracipennella</i>	SP95
186	<i>Psyche casta</i>	SP93	497	<i>Coleophora badiipennella</i>	TL13
224	<i>Triaxomera parasitella</i>	TL14*	512	<i>Coleophora binderella</i>	TL01
227	<i>Monopis laevigella</i>	TL14	516	<i>Coleophora trifolii</i>	TL13
240	<i>Tinea pellionella</i>	TL14	518	<i>Coleophora mayrella</i>	TL02
247	<i>Tinea trinotella</i>	TL02	519	<i>Coleophora deauratella</i>	TL15
254	<i>Leucoptera laburnella</i>	SP93	521	<i>Coleophora conyzae</i>	TL16
266	<i>Bucculatrix nigricomella</i>	TL02	536	<i>Coleophora betulella</i>	TL13
271	<i>Bucculatrix albedinella</i>	TL13, 15	547	<i>Coleophora discordella</i>	TL03, 13, 14
273	<i>Bucculatrix thoracella</i>	SP93, TL01, 02, 04, 13, 14, 15, 16	560	<i>Coleophora paripennella</i>	TL03, 14
274	<i>Bucculatrix ulmella</i>	TL02	563	<i>Coleophora argentula</i>	TL13
289	<i>Caloptilia falconipennella</i>	SP93, TL13	582	<i>Coleophora glaucicolella</i>	TL14
290	<i>Caloptilia semifascia</i>	TL01, 02, 03, 04, 11, 13	594	<i>Elachista gleichenella</i>	TL03
293	<i>Caloptilia syringella</i>	SP93	606	<i>Elachista humilis</i>	TL16
297	<i>Eucalybites auroguttella</i>	TL14	610	<i>Elachista argentella</i>	TL14, 15
301	<i>Parornix betulae</i>	TL02, 16	667	<i>Semioscopis steinkellneriana</i>	TL03
305	<i>Parornix scoticella</i>	TL13, 16	674	<i>Depressaria badiella</i>	TL03
308	<i>Parornix finitimella</i>	TL04	682	<i>Depressaria chaerophylli</i>	TL14
309	<i>Deltaornix torquillella</i>	TL13, 14*	692	<i>Agonopterix subpropinquella</i>	SP96, TL02
310	<i>Callisto denticulella</i>	TL04	695	<i>Agonopterix alstromeriana</i>	TL15
314	<i>Leucospilapteryx omissella</i>	SP92, TL02, 13, 14	701	<i>Agonopterix ocellana</i>	TL13, 14*
317	<i>Phyllonorycter heegeriella</i>	TL14*	709	<i>Agonopterix liturosa</i>	TL03, 14
318	<i>Phyllonorycter tenerella</i>	TL01, 14, 15	718	<i>Ethmia dodecea</i>	TL24
324	<i>Phyllonorycter sorbi</i>	TL01	724	<i>Metzneria lappella</i>	TL02
332	<i>Phyllonorycter corylifoliella</i>	TL11	731	<i>Eulamprotes atrella</i>	TL14
332a	<i>Phyllonorycter leucographella</i>	SP96, TL06, 15	742	<i>Monochroa lutulentella</i>	TL16
336	<i>Phyllonorycter dubitella</i>	TL03	746	<i>Chrysoesthia drurella</i>	TL01, 03, 16
338	<i>Phyllonorycter cavella</i>	SP93	747	<i>Chrysoesthia sexguttella</i>	TL13
343	<i>Phyllonorycter esperella</i>	TL01, 15	755	<i>Stenolechia gemmella</i>	TL14
345	<i>Phyllonorycter rajella</i>	TL01	787	<i>Bryotropha terrella</i>	TL14
353	<i>Phyllonorycter ulmifoliella</i>	TL02	797	<i>Neofaculta ericetella</i>	TL14*
358	<i>Phyllonorycter froelichiella</i>	SP93, TL03	801a	<i>Gelechia senticetella</i>	TL02
359	<i>Phyllonorycter nicellii</i>	SP93	808	<i>Platyedra subcinerea</i>	TL14
360	<i>Phyllonorycter kleemannella</i>	TL05	809	<i>Pexicopia malvella</i>	TL03
361	<i>Phyllonorycter trifasciella</i>	TL14	822	<i>Scrobipalpa acuminatella</i>	TL14
363	<i>Phyllonorycter platanoidella</i>	SP93, TL14, 15	832	<i>Caryocolum blandella</i>	TL03
368	<i>Phyllocnistis unipunctella</i>	SP96, TL02, 03	844	<i>Syncopacma larseniella</i>	TL14
396	<i>Glyphipterix fuscoviridella</i>	TL14	853	<i>Anacamptis populella</i>	TL16
410	<i>Argyresthia brockeella</i>	TL24	858	<i>Hyapatima rhomboidella</i>	TL14*
422	<i>Argyresthia albistria</i>	TL13	870	<i>Oegoconia quadripuncta</i>	TL05, 14
426	<i>Yponomeuta malinellus</i>	TL04, 14	878	<i>Batrachedra praeangusta</i>	TL14
428	<i>Yponomeuta rorrella</i>	TL03, 04, 05, 14	879	<i>Batrachedra pinicolella</i>	TL13
430	<i>Yponomeuta plumbella</i>	TL05	883	<i>Mompha raschkiella</i>	TL13
436	<i>Pseudoswammerdamia combinella</i>	TL15	886	<i>Mompha ochraceella</i>	TL02
447	<i>Roeslerstammia erxlebelli</i>	TL24	888	<i>Mompha propinquella</i>	TL16
450	<i>Scythropia crataegella</i>	TL01	892	<i>Mompha subbistrigella</i>	TL02
458	<i>Ypsolopha alpella</i>	TL14*	893	<i>Mompha epilobiella</i>	TL13
461	<i>Ypsolopha ustella</i>	TL16	894	<i>Cosmopterix zieglerella</i>	TL13, 24
469	<i>Eidophasia messingiella</i>	TL01	898	<i>Limnaecia phragmitella</i>	SP96
			904	<i>Spuleria flavicaput</i>	TL14
			936	<i>Cochylimorpha straminea</i>	TL15
			963	<i>Cochylis flaviciliana</i>	TL03
			964a	<i>Cochylis molliculana</i>	TL13
			965	<i>Cochylis hybridella</i>	TL02
			981	<i>Archips rosana</i>	TL13
			983	<i>Choristoneura hebenstreitella</i>	TL14
			986	<i>Syndemis musculana</i>	TL13

989	<i>Aphelia paleana</i>	TL15	1184a	<i>Epiblema cirsiana</i>	TL02
1013	<i>Olindia schumacherana</i>	TL14	1187	<i>Epiblema costipunctana</i>	TL03
1021	<i>Cnephasia asseclana</i>	TL02	1202	<i>Eucosma obumbratana</i>	TL02, 05, 14
1027	<i>Neosphaleroptera nubilana</i>	TL01, 24	1212	<i>Rhyacionia pinivorana</i>	SP92
1037	<i>Acleris holmiana</i>	TL05	1216	<i>Enarmonia formosana</i>	TL16
1038	<i>Acleris laterana</i>	TL13, 14*	1245	<i>Grapholita janthinana</i>	TL02, 14
1041	<i>Acleris sparsana</i>	TL14*	1251	<i>Grapholita jungiella</i>	TL15
1047	<i>Acleris schalleriana</i>	TL13	1257	<i>Cydia nigricana</i>	TL01
1051	<i>Acleris logiana</i>	TL14	1259	<i>Cydia fagiglandana</i>	TL14
1053	<i>Acleris hastiana</i>	TL14	1279	<i>Dichrorampha acuminatana</i>	TL02, 14
1064	<i>Celypha rosaceana</i>	TL03	1290	<i>Chilo phragmitella</i>	TL14
1079	<i>Piniphila bifasciana</i>	TL13*	1329	<i>Donacaula forficella</i>	SP96
1086	<i>Hedya salicella</i>	TL13, 14*	1334a	<i>Scoparia basistrigalis</i>	TL05
1088	<i>Pseudosciaphila branderiana</i>	TL14	1336	<i>Eudonia pallida</i>	TL02, 13, 14
1091	<i>Apotomis lineana</i>	TL13, 14	1362	<i>Pyrausta purpuralis</i>	SP96, TL05, 25
1108	<i>Lobesia abscisana</i>	TL02	1365	<i>Pyrausta despicata</i>	TL03
1109	<i>Lobesia littoralis</i>	TL02	1366	<i>Pyrausta nigrata</i>	TL13
1134	<i>Epinotia ramella</i>	TL02, 13, 16	1380	<i>Phlyctaenia perlucidalis</i>	TL03
1136	<i>Epinotia immundana</i>	TL14	1417	<i>Pyralis farinalis</i>	TL02
1138	<i>Epinotia nisella</i>	TL14	1421	<i>Aglossa pinguinalis</i>	TL02
1139	<i>Epinotia tenerana</i>	TL13	1436	<i>Conobathra repandana</i>	TL13
1142	<i>Epinotia tedella</i>	TL01, 13	1445	<i>Pempelia formosa</i>	TL13
1144	<i>Epinotia signatana</i>	TL03	1465	<i>Nephoterix angustella</i>	TL14
1150	<i>Epinotia abbreviana</i>	TL01, 04, 14	1481	<i>Homoeosoma sinuella</i>	TL02
1155	<i>Epinotia brunnichana</i>	TL14	1508	<i>Stenoptilia bipunctidactyla</i>	TL16
1169	<i>Gypsonoma dealbana</i>	TL13			
1170	<i>Gypsonoma oppressana</i>	TL13			
1176	<i>Epiblema trimaculana</i>	TL14			

Acknowledgements

I would like to thank the following for records sent to me during the year: P.Almond, C.R.B.Baker (CRBB), K.Balmer, A.M.Banthorpe (AMB), M.G.Banthorpe (MGB), R.Bellamy, J.Bellamy, S.E.Brooke (SEB), L.Burgess, M.Burgess (MBu), L.Carman, C.Carpenter, J.Childs, R.Christopher, J.Clark, I.K.Dawson, B.Dickerson, J.England, E.Goodyear, M.J.Green, H.Griffiths, M.Harrison, M.Holloway, M.Jones, S.Knight, W.Kolek, A.A.Lawrence (AAL), C.Matthews, Br.J.Mayhead, A.R.Outen, J.Pitts, M.J.Palmer, J.Pitts, C.W.Plant (CWP), S.R.Plummer, K.Royles (KR), H.A.Smith, M.Strange, E.Taylor, D.Trim, A.Whitney, N.D.Willits, D.T.Withers, I.P.Woiwod (IPW).

References

- Arnold, V.W., Baker, C.R.B., Manning, D.V. & WOIWOD, I.P. 1997 *The Butterflies and Moths of Bedfordshire*. Bedfordshire Natural History Society.
- Manning, D.V. & Dickerson, B. 2010 *Ectoedemia amani* Svensson (Lep.: Nepticulidae) in Bedfordshire (VC30), and a review of the current British records. *The Entomologist's Record & Journal of Variation*. **122** 207-208.

David Manning is the Society's Recorder for Micro-moths, a position he has held in an honorary capacity since 1986. He is co-author of the BNHS publication *The Butterflies and Moths of Bedfordshire*.