

Micro-moths 2013

David Manning

Seven 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)

Niditinea striolella (Matsumura) (238)

One to MV light at Bromham on 9th July (PA).

Flight: June to August (week 27)*

Larval food: refuse of animal origin in birds' nests

Map TL05

Phyllonorycter mespilella (Hübner) (325)

Leaf-mine on cultivated pear at Upper Caldecote on 24th September (MB). Determined from the cremaster on pupal exuviae attached to the mine.

Flight: May, August.

Larval foodplants: Wayfaring Tree, and occasionally other rosaceous trees

Map TL14

Glyphipterix forsterella (Fabricius) (394)

One swept at Flitwick Moor on 22nd June (WP).

Flight: May, June (week 25)*

Larval foodplants: sedges

Map TL03

Coleophora silenella Herrich-Schäffer (550)

To MV light at Totternhoe Quarry on 6th July (AMB & MGB).

Flight: June, July (week 27)*

Larval foodplant: Bladder Campion

Map SP92

Note: in the *Checklist of the Lepidoptera of the British Isles*, published December 2013, this species is listed as *Coleophora nutantella* Mühlig & Frey. This amendment will be noted when the new checklist is adopted in future reports.

Bryotropha basaltinella (Zeller) (777)

One to MV light at Sharnbrook on 23rd July.

Flight: June to August (week 29)*

Larval foodplants: mosses

Map SP95

Eudemis porphyrana (Hübner) (1114)

To MV light at Biggleswade on 2nd and 11th August (LB).

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

Larval foodplants: apple, especially old crab-apple trees

Map TL14

Diaphania perspectalis Walker (1409a)

To MV light at Luton on 30th August (AG).

Flight: July to October (week 35)*

Larval foodplant: Box

Map TL02

One further notable record***Cydia strobilella*** (Linnaeus) (1254)

Andy and Melissa Banthorpe bred specimens from spruce cones collected at Chicksands Wood (TL1040) in early 2013. The first adult to emerge was on 5th May 2013. The only previous record of this species was listed in *The Victoria County History of Bedford* (1904).

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 2013. A few records from earlier years are marked with an asterisk (*).

6	<i>Eriocrania subpurpurella</i>	SP91	409a	<i>Argyresthia trifasciata</i>	TL05
10	<i>Eriocrania salopiella</i>	TL01	414	<i>Argyresthia curvella</i>	TL03
12	<i>Eriocrania sangii</i>	TL01	420	<i>Argyresthia pruniella</i>	TL04
36a	<i>Ectoedemia heringella</i>	TL03	425	<i>Yponomeuta padella</i>	TL01
70	<i>Stigmella obliquella</i>	TL06	447	<i>Roeslerstammia erxlebelli</i>	TL01
73	<i>Stigmella trimaculella</i>	TL01	461	<i>Ypsolopha ustella</i>	TL05
74	<i>Stigmella assimilella</i>	TL01	476	<i>Acrolepia autumnitella</i>	SP92, TL24
78	<i>Stigmella incognitella</i>	TL01	481	<i>Epermenia falciformis</i>	TL05
88	<i>Stigmella samiatella</i>	TL01, 06	493	<i>Coleophora serratella</i>	SP91
93	<i>Stigmella centifoliella</i>	TL14	512	<i>Coleophora binderella</i>	TL16
116	<i>Stigmella lapponica</i>	TL05	516	<i>Coleophora trifolii</i>	TL14
121	<i>Pseudopostega crepusculella</i>	TL05	518	<i>Coleophora mayrella</i>	TL05
153	<i>Adela fibulella</i>	TL13	537	<i>Coleophora kuehnella</i>	TL05
154	<i>Heliozela sericiella</i>	TL01	556	<i>Coleophora trochilella</i>	TL05
199	<i>Psychoides verhuella</i>	SP95, TL03	559	<i>Coleophora peribenanderi</i>	TL14
239	<i>Tinea columbariella</i>	TL05	563	<i>Coleophora argentula</i>	TL14
256	<i>Leucoptera spartifoliella</i>	TL02	565	<i>Coleophora saxicolella</i>	TL05
266	<i>Bucculatrix nigricomella</i>	TL14	595	<i>Elachista biatomella</i>	SP92, TL02
286	<i>Caloptilia alchimiella</i>	TL05	629	<i>Bisalachista utonella</i>	TL14
289	<i>Caloptilia falconipennella</i>	TL16	663	<i>Diurnea fagella</i>	SP92
321a	<i>Phyllonorycter platani</i>	SP96	674	<i>Depressaria badiella</i>	TL02, 13
331	<i>Phyllonorycter lantanella</i>	TL01	701	<i>Agonopterix ocellana</i>	TL03
332a	<i>Phyllonorycter leucographella</i>		718	<i>Ethmia dodecea</i>	TL02, 14
		SP92	727a	<i>Metzneria aprilella</i>	SP92
333	<i>Phyllonorycter salictella viminiella</i>		731	<i>Eulamprotes atrella</i>	TL05
		TL06	732	<i>Eulamprotes unicolorella</i>	SP92
359	<i>Phyllonorycter nicellii</i>	SP92	757	<i>Recurvaria nanella</i>	TL24
367	<i>Phyllocnistis saligna</i>	SP95	762	<i>Athrips mouffetella</i>	TL01
389	<i>Choreutis pariana</i>	TL16	765	<i>Teleiodes vulgella</i>	TL01

808	<i>Platyedra subcinerea</i>	TL24	1163	<i>Zeiraphera ratzeburgiana</i>	TL05
843	<i>Aproaerema anthyllidella</i>	TL02	1167	<i>Gypsonoma aceriana</i>	TL01
847	<i>Syncopacma taenioloella</i>	TL16	1170	<i>Gypsonoma oppressana</i>	TL16, 24
856	<i>Anarsia spartiella</i>	TL16	1171	<i>Gypsonoma minutana</i>	TL14
870	<i>Oegoconia quadripuncta</i>	SP95	1183	<i>Epiblema foenella</i>	TL01
879	<i>Batrachedra pinicolella</i>	TL14	1197	<i>Eucosma campoliliana</i>	TL13
888	<i>Mompha propinquella</i>	TL02	1207	<i>Clavigesta purdeyi</i>	SP92
903	<i>Chrysoclista linneella</i>	TL13	1210	<i>Rhyacionia buoliana</i>	TL02
904	<i>Spuleria flavicaput</i>	SP92	1212	<i>Rhyacionia pinivorana</i>	TL02
946	<i>Aethes rubigana</i>	TL01	1247	<i>Grapholita funebrana</i>	TL14
954	<i>Eupoecilia angustana</i>	SP92	1254	<i>Cydia strobilella</i>	TL14
957	<i>Cochylidia heydeniana</i>	TL02	1257	<i>Cydia nigricana</i>	TL05
964a	<i>Cochylis molliculana</i>	TL03, 04, 05, 14*	1273	<i>Dichrorampha petiverella</i>	TL03, 05
966	<i>Cochylis atricapitana</i>	SP92	1276	<i>Dichrorampha plumbagana</i>	TL14
969	<i>Pandemis corylana</i>	SP91	1285	<i>Dichrorampha plumbana</i>	TL13
979	<i>Archips crataegana</i>	TL13	1287	<i>Dichrorampha aeratana</i>	SP95
1006	<i>Epagoge grotiana</i>	TL16	1290	<i>Chilo phragmitella</i>	TL24
1023	<i>Cnephasia genitalana</i>	SP91	1306	<i>Agriphila inquinatella</i>	TL02
1043	<i>Acleris aspersana</i>	TL05	1316	<i>Catoptria falsella</i>	TL02
1062	<i>Acleris emargana</i>	TL01, 05	1330	<i>Donacaula mucronellus</i>	TL16
1064	<i>Celypha rosaceana</i>	TL05	1354	<i>Cataclysta lemnata</i>	TL02
1086	<i>Hedya salicella</i>	TL01	1361	<i>Pyrausta aurata</i>	TL12
1087	<i>Orthotaenia undulana</i>	SP92	1362	<i>Pyrausta purpuralis</i>	TL01
1091	<i>Apotomis lineana</i>	TL24	1403a	<i>Duponchelia fovealis</i>	SP92
1093	<i>Apotomis betuletana</i>	TL02	1425	<i>Galleria mellonella</i>	SP92, TL01
1107	<i>Lobesia botrana</i>	TL02	1433	<i>Cryptoblabes bistriga</i>	SP92
1110	<i>Bactra furfurana</i>	TL14	1441	<i>Oncocera semirubella</i>	TL02
1113	<i>Eudemis profundana</i>	TL05	1478b	<i>Vitula bivella</i>	TL16
1126	<i>Ancylis badiana</i>	TL14	1495	<i>Marasmarcha lunaedactyla</i>	TL13
1132	<i>Epinotia subocellana</i>	TL02	1501	<i>Platyptilia gonodactyla</i>	TL03
1136	<i>Epinotia immundana</i>	TL05	1509	<i>Stenoptilia pterodactyla</i>	TL05
1152	<i>Epinotia maculana</i>	TL14	1510	<i>Merrifieldia leucodactyla</i>	TL03
1155	<i>Epinotia brunnichana</i>	SP96	1517	<i>Adaina microdactyla</i>	TL14
			1518	<i>Ovendenia lienigianus</i>	SP92

Acknowledgements

I would like to thank the following for records sent to me during the year:

P.Almond (PA), D.Anderson, C.R.B.Baker, K.Balmer, A.M.Banthorpe (AMB), M.G.Banthorpe (MGB), R.I.Bashford, D.Buckingham, K.Burgess, L.A.R.Burgess, L.R.Burgess (LB), M.Burgess (MB), C.Campbell, L.Carman, C.Carpenter, R.Christopher, I.K.Dawson, G.Dennis, A.Donnelly, W.George, D.Girvan, A.Green, S.Grey, A.Grimsey (AG), H.J.Griffiths, M.Harrison, P.Holden, M.Holloway, P.Howard, A.A.Lawrence, R.Lawrence, G.Manners, S.Martineau, Br.J.Mayhead, R.Murphy, D.Oakley-Martin, A.R.Outen, M.J.Palmer, J.Pitts, W.Powell (WP), R.C.Revels, K.Royles, H.A.Smith, B.Squires, A.Whitney, N.D.Willits, D.T.Withers, I.P.Woiwod, F. & R.Wynde.

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.

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.