

Micro-Moths 2012

David Manning

Seven new species were added to the county list during the year. One additional species is listed here, as the earlier record was not in VC30 (see *Syncopacma taeniolella*). 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)

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

To MV light at Eaton Ford on 27th July (AAL, gendet KR).

Flight: July, August (week 30)*

Larval foodplants: Yarrow, Sneezewort, Mugwort and Sea Wormwood

Map TL16

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

Two netted at Flitwick Moor on 4th June and one at the River Ivel Navigation, Clifton on 5th June (ARO).

Flight: June, July

Larval foodplants: Wood Sedge, and possibly other sedges

Map TL03, 13

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

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

Obtained by sweeping, in 2012, at Sharpenhoe (9th July – AMB), Houghton Regis Chalk Pit (10th July – AMB), Pegsdon Hills NR (19th July – AMB & MGB) and Totternhoe Quarry (22nd July – AMB). These 2012 records are the first for VC30.

Flight: July (week 28–30)*

Larval foodplants: Bird's-foot Trefoil, clovers and medicks.

Map SP92, TL01, 02, 12

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

One to MV light at Biggleswade on 24th July (LB).

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

Larval foodplant: Rosebay Willowherb

Map TL14

***Capua vulgana* (Frölich) (1007)**

To MV light at King's Wood, Heath & Reach, 26th 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 12th August (AMB & MGB) and Biggleswade 14th August (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 recognised 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.

Pseudococcyx posticana (Zetterstedt) (1208)

To MV light at Kempston on 21st May (MJP).

Flight: May, June (week 21)*

Larval foodplant: Scots Pine

Map TL04

Cydia servillana (Duponchel) (1256)

To MV light at Eaton Ford on 25th May (AAL, gendet KR)

Flight: May, June (week 21)*

Larval foodplant: Sallows

Map TL16

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 2012. A few records from earlier years are marked with an asterisk (*).

| | | | | | |
|-----|-----------------------------------|----------------|------|---------------------------------|--------------|
| 1 | <i>Micropterix tumbergella</i> | SP92 | 251 | <i>Ochsenheimeria taurella</i> | TL01 |
| 36 | <i>Ectoedemia quinquella</i> | TL04 | 266 | <i>Bucculatrix nigricomella</i> | SP92 |
| 78 | <i>Stigmella incognitella</i> | TL04 | 286 | <i>Caloptilia alchimiella</i> | SP92 |
| 107 | <i>Stigmella regiella</i> | SP92 | 287 | <i>Caloptilia robustella</i> | SP94 |
| 140 | <i>Nematopogon swammerdamella</i> | TL04 | 288 | <i>Caloptilia stigmatella</i> | TL04 |
| | | TL04 | 290 | <i>Caloptilia semifascia</i> | TL14 |
| 143 | <i>Nematopogon metaxella</i> | TL05 | 333 | <i>Phyllonorycter salicella</i> | TL04 |
| 150 | <i>Adela reaumurilla</i> | TL04,16 | 343 | <i>Phyllonorycter esperella</i> | SP92 |
| 151 | <i>Adela croesella</i> | TL04* | 389 | <i>Choreutis pariana</i> | TL02 |
| 227 | <i>Monopis laevigella</i> | SP94, TL02 | 409a | <i>Argyresthia trifasciata</i> | SP92 |
| 229 | <i>Monopis obviella</i> | SP92, TL03, 05 | 410 | <i>Argyresthia brockeella</i> | TL04, 05, 13 |
| | | TL01 | 415 | <i>Argyresthia retinella</i> | TL04 |
| 246 | <i>Tinea semifulvella</i> | TL01 | 417 | <i>Argyresthia spinosella</i> | TL16 |

| | | | | | |
|------|--------------------------------------|------------|-------|---------------------------------------|--------------------|
| 419 | <i>Argyresthia semifusca</i> | TL04 | 1015 | <i>Eulia ministrana</i> | SP92, TL02 |
| 426 | <i>Yponomeuta malinellus</i> | SP94 | 1027 | <i>Neosphaleroptera nubilana</i> | TL04 |
| 430 | <i>Yponomeuta plumbella</i> | TL04 | 1030 | <i>Eana incanana</i> | TL05 |
| 435 | <i>Zelleria hepariella</i> | TL02 | 1044 | <i>Acleris ferrugana</i> | TL05 |
| 436 | <i>Pseudoswammerdamia combinella</i> | TL04 | 1045 | <i>Acleris notana</i> | TL05 |
| | | TL04 | 1047 | <i>Acleris schalleriana</i> | TL05, 14 |
| 451 | <i>Ypsolopha mucronella</i> | TL05 | 1061 | <i>Acleris literana</i> | TL05 |
| 465 | <i>Plutella porrectella</i> | TL05 | 1079 | <i>Piniphila bifasciana</i> | TL04 |
| 473 | <i>Acrolepiopsis assectella</i> | TL02, 05 | 1097 | <i>Endothenia gentianaeanana</i> | TL13 |
| 519 | <i>Coleophora deauratella</i> | TL02 | 1103 | <i>Endothenia ericetana</i> | SP92 |
| 521 | <i>Coleophora conyzae</i> | TL14 | 1106 | <i>Lobesia reliquana</i> | SP92 |
| 523 | <i>Coleophora hemerobiella</i> | SP94 | 1108 | <i>Lobesia abscisana</i> | TL14 |
| 553 | <i>Coleophora striatipennella</i> | TL16 | 1135 | <i>Epinotia demarniana</i> | SP92 |
| 556 | <i>Coleophora trochilella</i> | TL13 | 1137 | <i>Epinotia tetraquetra</i> | SP92 |
| 565 | <i>Coleophora saxicolella</i> | SP92, TL14 | 1165 | <i>Zeiraphera isertana</i> | TL05 |
| 566 | <i>Coleophora sternipennella</i> | TL14 | 1183 | <i>Epiblema foenella</i> | TL16 |
| 567 | <i>Coleophora adpersella</i> | TL05 | 1184a | <i>Epiblema cirsiata</i> | TL04,12 |
| 602 | <i>Elachista apicipunctella</i> | SP92 | 1187 | <i>Epiblema costipunctana</i> | TL13 |
| 607 | <i>Elachista canapennella</i> | TL14 | 1200 | <i>Eucosma hohenwartiana</i> | TL02, 25 |
| 642a | <i>Metalampira italica</i> | SP92, TL14 | 1205a | <i>Spilonota laricana</i> | TL05 |
| 701 | <i>Agonopterix ocellana</i> | SP94 | 1207 | <i>Clavigesta purdeyi</i> | SP94 |
| 702 | <i>Agonopterix assimilella</i> | SP96, TL05 | 1210 | <i>Rhyacionia buoliana</i> | TL01, 13 |
| 718 | <i>Ethmia dodecea</i> | TL01 | 1236 | <i>Pammene fasciana</i> | TL02, 05 |
| 719 | <i>Ethmia quadrillella</i> | TL13 | 1241 | <i>Grapholita compositella</i> | TL02 |
| 756 | <i>Parachronistis albiceps</i> | TL05, 14 | 1243 | <i>Grapholita pallifrontana</i> | SP95, TL04, 05, 14 |
| 765 | <i>Teleiodes vulgella</i> | SP92 | | | |
| 774 | <i>Teleiodes luculella</i> | TL05 | 1257 | <i>Cydia nigricana</i> | SP92 |
| 800 | <i>Gelechia rhombella</i> | SP94 | 1259 | <i>Cydia fagiglandana</i> | SP92 |
| 801a | <i>Gelechia senticetella</i> | TL05 | 1261 | <i>Cydia pomonella</i> | TL06 |
| 843 | <i>Aproaerema anthyllidella</i> | TL05 | 1273 | <i>Dichrorampha petiverella</i> | TL13 |
| 853 | <i>Anacamptis populella</i> | TL02 | 1281 | <i>Dichrorampha simpliciana</i> | SP92 |
| 854 | <i>Anacamptis blattariella</i> | SP94 | 1284 | <i>Dichrorampha vancouverana</i> | TL05, 13 |
| 855 | <i>Acompsia cinerella</i> | TL16 | | | |
| 870 | <i>Oegoconia quadripuncta</i> | SP92 | 1287 | <i>Dichrorampha aeratana</i> | TL04, 16 |
| 871a | <i>Oegoconia caradjai</i> | TL13 | 1316 | <i>Catoptria falsella</i> | SP94 |
| 890 | <i>Mompha jurassicella</i> | TL14 | 1328 | <i>Schoenobius gigantella</i> | SP95, TL04* |
| 915 | <i>Scythris picaepennis</i> | SP92 | 1375 | <i>Ostrinia nubilalis</i> | TL16 |
| 925 | <i>Phtheochroa rugosana</i> | SP92 | 1415 | <i>Orthopygia glaucinalis</i> | TL01 |
| 936 | <i>Cochylimorpha straminea</i> | SP92 | 1417 | <i>Pyralis farinalis</i> | TL01 |
| 939 | <i>Aethes tesserana</i> | TL04 | 1421 | <i>Aglossa pinguinalis</i> | SP92 |
| 941 | <i>Aethes hartmanniana</i> | TL02 | 1438 | <i>Trachycera suavella</i> | TL01 |
| 951 | <i>Aethes beatricella</i> | TL13 | 1461 | <i>Assara terebrella</i> | TL14 |
| 965 | <i>Cochylis hybridella</i> | SP92 | 1474 | <i>Ephestia parasitella unicolora</i> | SP92 |
| 974 | <i>Argyrotaenia ljunghiana</i> | TL01 | | | |
| 981 | <i>Archips rosana</i> | SP92 | 1481 | <i>Homoeosoma sinuella</i> | TL01 |
| 986 | <i>Syndemis musculana</i> | SP92 | 1485 | <i>Phycitodes maritima</i> | SP96 |
| 993 | <i>Clepsis spectrana</i> | TL01 | 1490 | <i>Oxyptilus parvidactylus</i> | TL02 |
| 1000 | <i>Ptycholoma lecheana</i> | TL14 | 1498 | <i>Amblyptilia punctidactyla</i> | TL24 |
| 1001 | <i>Lozotaeniodes populosanus</i> | TL01 | 1504 | <i>Platyptilia pallidactyla</i> | SP93* |

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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.

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