

MOTH MUMBLINGS – FIELD TRIP REPORT AND MORE – JULY 2021

REPORT FROM OUR TRIP TO SPRINGWELL REEDBEDS – 10th JULY 2021

In spite of the threat of rain, about a dozen people turned up for this, our first group field excursion in several years. We locked ourselves inside the extensive Affinity Water compound, but the arrival of two of our members on foot other than via the access road soon made us aware that the site is not as secure as it was billed to be. That said, nobody bothered us and all went well. Unfortunately, physical access to the reed bed itself proved impossible (head height brambles) and we had to wander round via the canal towpath. This did cause some minor problems with the night fishermen along the towpath (again – the interpretation of “secure site” differs from my own), one of whom wandered over to complain about the noise of the generators, but the matter was rapidly resolved as we had permission to be there and they should not have left the towpath! Overall, 12 lights of various types were scattered across the site, including two more or less overlooking the reed bed area. In spite of there being relatively few moths (numbers) we had a reasonable species list by the end.

The full list is below. Many people were able to see a selection of species new to them and I think everyone went home happy as daybreak approached.

MOTHS AT SPRINGWELL REED BEDS NATURE RESERVE, MIDDLESEX, 10th JULY 2021

Nepticulidae

04.010 *Stigmella microtheriella* (Stainton, 1854) (leaf mine in Hazel leaf)

Yponomeutidae

16.001 *Yponomeuta evonymella* (Linnaeus, 1758) Bird-cherry Ermine

16.020 *Paraswammerdamia nebulella* (Goeze, 1783)

18.001 *Plutella xylostella* (Linnaeus, 1758)

Argyresthiidae

20.021 *Argyresthia pruniella* (Clerck, 1759) Cherry Fruit Moth

Oecophoridae

28.014 *Crassa unitella* (Hübner, 1796)

Peleopodidae

31.001 *Carcina quercana* (Fabricius, 1775)

Gelechiidae

35.028 *Brachmia blandella* (Fabricius, 1798)

35.031 *Helcystogramma rufescens* (Haworth, 1828)

35.141 *Teleiodes vulgella* ([Denis & Schiffermüller], 1775)

Coleophoridae

37.007 *Coleophora flavipennella* (Duponchel, [1843])

Blastobasidae

41.003 *Blastobasis lacticolella* Rebel, 1940

Pterophoridae

45.012 *Stenoptilia pterodactyla* (Linnaeus, 1761) Brown Plume

45.030 *Pterophorus pentadactyla* (Linnaeus, 1758) White Plume

Choreutidae

48.001 *Anthophila fabriciana* (Linnaeus, 1767)

Tortricidae

49.004 *Ditula angustiorana* (Haworth, 1811) Red-barred Tortrix

49.013 *Archips podana* (Scopoli, 1763) Large Fruit-tree Tortrix

49.015 *Archips xylosteanus* (Linnaeus, 1758) Variegated Golden Tortrix

49.026 *Pandemis heparana* ([Denis & Schiffermüller], 1775) Dark Fruit-tree Tortrix

49.037 *Clepsia spectrana* (Treitschke, 1830) Cyclamen Tortrix

49.038 *Clepsia consimilana* (Hübner, [1817])

49.039 *Epiphyas postvittana* (Walker, 1863) Light Brown Apple Moth

49.047 *Eana incanana* (Stephens, 1852)

49.050 *Cnephasia stephensiana* (Doubleday, [1849]) Grey Tortrix

49.136 *Cochylis hybridella* (Hübner, [1813])

49.166 *Celypha lacunana* ([Denis & Schiffermüller], 1775)

49.223	<i>Rhopobota naevana</i> (Hübner, [1817])	Holly Tortrix
49.265	<i>Eucosma cana</i> (Haworth, 1811)	
49.266	<i>Eucosma hohenwartiana</i> ([Denis & Schiffermüller], 1775)	
49.294	<i>Notocelia uddmanniana</i> (Linnaeus, 1758)	Bramble Shoot Moth
49.367	<i>Pammene fasciana</i> (Linnaeus, 1761)	
Pyralidae		
62.035	<i>Acrobasis advenella</i> (Zincken, 1818)	
62.048	<i>Euzophera pinguis</i> (Haworth, 1811)	
62.065	<i>Ephestia woodiella</i> Richards & Thomson, 1932	
Crambidae		
63.017	<i>Anania lancealis</i> ([Denis & Schiffermüller], 1775)	
63.018	<i>Anania coronata</i> (Hufnagel, 1767)	
63.025	<i>Anania hortulata</i> (Linnaeus, 1758)	Small Magpie
63.037	<i>Udea olivalis</i> ([Denis & Schiffermüller], 1775)	
63.038	<i>Patania ruralis</i> (Scopoli, 1763)	Mother of Pearl
63.067	<i>Eudonia lacustrata</i> (Panzer, 1804)	
63.079	<i>Calamotropha paludella</i> (Hübner, [1824])	
63.080	<i>Chrysoteuchia culmella</i> (Linnaeus, 1758)	Garden Grass-venerer
63.081	<i>Crambus pascuella</i> (Linnaeus, 1758)	
63.115	<i>Acentria ephemerella</i> ([Denis & Schiffermüller], 1775)	Water Venerer
Drepanidae		
65.007	<i>Cilix glaucata</i> (Scopoli, 1763)	Chinese Character
65.008	<i>Thyatira batis</i> (Linnaeus, 1758)	Peach Blossom
65.009	<i>Habrosyne pyritoides</i> (Hufnagel, 1766)	Buff Arches
Lasiocampidae		
66.010	<i>Euthrix potatoria</i> (Linnaeus, 1758)	Drinker
Sphingidae		
69.003	<i>Laothoe populi</i> (Linnaeus, 1758)	Poplar Hawk-moth
69.016	<i>Deilephila elpenor</i> (Linnaeus, 1758)	Elephant Hawk-moth
69.017	<i>Deilephila porcellus</i> (Linnaeus, 1758)	Small Elephant Hawk-moth
Geometridae		
70.004	<i>Idaea rusticata</i> ([Denis & Schiffermüller], 1775)	Least Carpet
70.006	<i>Idaea fuscovenosa</i> (Goeze, 1781)	Dwarf Cream Wave
70.011	<i>Idaea dimidiata</i> (Hufnagel, 1767)	Single-dotted Wave
70.013	<i>Idaea biselata</i> (Hufnagel, 1767)	Small Fan-footed Wave
70.016	<i>Idaea aversata</i> (Linnaeus, 1758)	Riband Wave
70.024	<i>Scopula imitaria</i> (Hübner, [1799])	Small Blood-vein
70.045	<i>Scotopteryx chenopodiata</i> (Linnaeus, 1758)	Shaded Broad-bar
70.059	<i>Camptogramma bilineata</i> (Linnaeus, 1758)	Yellow Shell
70.074	<i>Hydriomena furcata</i> (Thunberg, 1784)	July Highflyer
70.093	<i>Gandaritis pyraliata</i> ([Denis & Schiffermüller], 1775)	Barred Straw
70.144	<i>Pasiphila rectangulata</i> (Linnaeus, 1758)	Green Pug
70.147	<i>Eupithecia tenuiata</i> (Hübner, [1813])	Slender Pug
70.199	<i>Pterapherapteryx sexalata</i> (Retzius, 1783)	Small Seraphim
70.207	<i>Lomaspilis marginata</i> (Linnaeus, 1758)	Clouded Border
70.226	<i>Opisthograptis luteolata</i> (Linnaeus, 1758)	Brimstone Moth
70.236	<i>Ennomos erosaria</i> ([Denis & Schiffermüller], 1775)	September Thorn
70.243	<i>Ourapteryx sambucaria</i> (Linnaeus, 1758)	Swallow-tailed Moth
70.252	<i>Biston betularia</i> (Linnaeus, 1758)	Peppered Moth
70.258	<i>Peribatodes rhomboidaria</i> ([Denis & Schiffermüller], 1775)	Willow Beauty
70.265	<i>Alcis repandata</i> (Linnaeus, 1758)	Mottled Beauty
70.277	<i>Cabera pusaria</i> (Linnaeus, 1758)	Common White Wave
70.278	<i>Cabera exanthemata</i> (Scopoli, 1763)	Common Wave
70.283	<i>Campaea margaritaria</i> (Linnaeus, 1761)	Light Emerald
70.299	<i>Geometra papilionaria</i> (Linnaeus, 1758)	Large Emerald
70.305	<i>Hemithea aestivaria</i> (Hübner, 1789)	Common Emerald
Notodontidae		
71.020	<i>Pterostoma palpina</i> (Clerck, 1759)	Pale Prominent
71.025	<i>Phalera bucephala</i> (Linnaeus, 1758)	Buff-tip
Erebidae		

72.001	<i>Scoliopteryx libatrix</i> (Linnaeus, 1758)	Herald
72.003	<i>Hypena proboscidalis</i> (Linnaeus, 1758)	Snout
72.009	<i>Leucoma salicis</i> (Linnaeus, 1758)	White Satin
72.013	<i>Euproctis similis</i> (Fuessly, 1775)	Yellow-tail
72.031	<i>Tyria jacobaeae</i> (Linnaeus, 1758)	Cinnabar (caterpillars on Ragwort)
72.037	<i>Thumatha senex</i> (Hübner, [1808])	Round-winged Muslin
72.045	<i>Eilema lurideola</i> (Zincken, 1817)	Common Footman
72.046	<i>Eilema complana</i> (Linnaeus, 1758)	Scarce Footman
72.052	<i>Macrochilo cribrumalis</i> (Hübner, 1793)	Dotted Fan-foot
72.053	<i>Herminia tarsipennalis</i> Treitschke, 1835	Fan-foot
Noctuidae		
73.001	<i>Abrostola tripartita</i> (Hufnagel, 1766)	Spectacle
73.012	<i>Diachrysia chrysitis</i> (Linnaeus, 1758)	Burnished Brass
73.016	<i>Autographa pulchrina</i> (Haworth, 1809)	Beautiful Golden Y
73.040	<i>Acronicta leporina</i> (Linnaeus, 1758)	Miller
73.047	<i>Craniophora ligustri</i> ([Denis & Schiffermüller], 1775)	Coronet
73.096	<i>Hoplodrina octogenaria</i> (Goeze, 1781)	Uncertain
73.097	<i>Hoplodrina blanda</i> ([Denis & Schiffermüller], 1775)	Rustic
73.100	<i>Chilodes maritima</i> (Tauscher, 1806)	Silky Wainscot
73.113	<i>Phlogophora meticulosa</i> (Linnaeus, 1758)	Angle Shades
73.141	<i>Archanara dissoluta</i> (Treitschke, 1825)	Brown-veined Wainscot
73.155	<i>Apamea epomidion</i> (Haworth, 1809)	Clouded Brindle
73.162	<i>Apamea monoglypha</i> (Hufnagel, 1766)	Dark Arches
73.163	<i>Apamea lithoxylaea</i> ([Denis & Schiffermüller], 1775)	Light Arches
73.174	<i>Oligia latruncula</i> ([Denis & Schiffermüller], 1775)	Tawny Marbled Minor
73.216	<i>Cosmia trapezina</i> (Linnaeus, 1758)	Dun-bar
73.221	<i>Parastichtis suspecta</i> (Hübner, [1817])	Suspected
73.222	<i>Apterogenum ypsilon</i> ([Denis & Schiffermüller], 1775)	Dingy Shears
73.267	<i>Lacanobia oleracea</i> (Linnaeus, 1758)	Bright-line Brown-eye
73.270	<i>Melanchra persicariae</i> (Linnaeus, 1761)	Dot Moth
73.291	<i>Mythimna pallens</i> (Linnaeus, 1758)	Common Wainscot
73.293	<i>Mythimna impura</i> (Hübner, [1808])	Smoky Wainscot
73.294	<i>Mythimna straminea</i> (Treitschke, 1825)	Southern Wainscot
73.297	<i>Mythimna albipuncta</i> ([Denis & Schiffermüller], 1775)	White-point
73.298	<i>Mythimna ferrago</i> (Fabricius, 1787)	Clay
73.302	<i>Leucania obsoleta</i> (Hübner, [1803])	Obscure Wainscot
73.317	<i>Agrotis exclamationis</i> (Linnaeus, 1758)	Heart and Dart
73.328	<i>Axylia putris</i> (Linnaeus, 1761)	Flame
73.342	<i>Noctua pronuba</i> (Linnaeus, 1758)	Large Yellow Underwing
73.343	<i>Noctua fimbriata</i> (Schreber, 1759)	Broad-bordered Yellow Underwing
73.345	<i>Noctua comes</i> Hübner, [1813]	Lesser Yellow Underwing
73.352	<i>Anaplectoides prasina</i> ([Denis & Schiffermüller], 1775)	Green Arches
73.359	<i>Xestia c-nigrum</i> (Linnaeus, 1758)	Setaceous Hebrew Character
Nolidae		
74.002	<i>Meganola albula</i> ([Denis & Schiffermüller], 1775)	Kent Black Arches
74.009	<i>Nycteola revayana</i> (Scopoli, 1772)	Oak Nycteoline

MOTH RECORDING AT PANSHANGER PARK, HERTFORD

Moth group members may visit this site with moth traps as individuals if they wish. If this is your desire you **must** first contact me both to be shown the various health & safety documents **and to be given the combination code for the access gate**. I will need to let the people on site know who you are and when you will be going.

Ben Sale made an initial visit last week: to whet your appetites and also as a further guide to what is flying at the moment, here is his provisional list.

MOTHS AT PANSHANGER PARK, HERTFORDSHIRE, 8th JULY 2021

Hepialidae

03.005 *Hepialus humuli* (Linnaeus, 1758) Ghost Moth

Opostegidae

05.001 *Opostega salaciella* (Treitschke, 1833)

Tischeriidae

10.003 *Coptotriche marginea* (Haworth, 1828)

Yponomeutidae

16.001 *Yponomeuta evonymella* (Linnaeus, 1758) Bird-cherry Ermine

16.005 *Yponomeuta rorrella* (Hübner, 1796) Willow Ermine

16.020 *Paraswammerdamia nebulella* (Goeze, 1783)

Ypsolophidae

17.011 *Ypsolopha ustella* (Clerck, 1759)

Argyresthiidae

20.012 *Argyresthia goedartella* (Linnaeus, 1758)

20.021 *Argyresthia pruniella* (Clerck, 1759) Cherry Fruit Moth

22.002 *Prays fraxinella* (Bjerkander, 1784) Ash Bud Moth

Scythropiidae

25.001 *Scythropia crataegella* (Linnaeus, 1767) Hawthorn Moth

Oecophoridae

28.010 *Hofmannophila pseudospretella* (Stainton, 1849) Brown House-moth

28.015 *Batia lunaris* (Haworth, 1828)

Gelechiidae

35.0191 *Anarsia innoxia* Gregersen & Karsholt, 2017

35.032 *Pexicopia malvella* (Hübner, [1805]) Hollyhock Seed Moth

35.056 *Metzneria lappella* (Linnaeus, 1758)

35.058 *Metzneria metzneriella* (Stainton, 1851)

35.071 *Monochroa lucidella* (Stephens, 1834)

35.073 *Monochroa palustrellus* (Douglas, 1850)

35.141 *Teleiodes vulgella* ([Denis & Schiffermüller], 1775)

35.143 *Teleiodes luculella* (Hübner, [1813])

35.148 *Carpatolechia fugitivella* (Zeller, 1839)

35.156 *Recurvaria nanella* ([Denis & Schiffermüller], 1775)

35.159 *Exoteleia dodecella* (Linnaeus, 1758)

Batrachedridae

36.002 *Batrachedra pinicolella* (Zeller, 1839)

Coleophoridae

37.035 *Coleophora alcyonipennella* (Kollar, 1832) Clover Case-bearer

Elachistidae

38.004 *Elachista argentella* (Clerck, 1759)

Blastobasidae

41.003 *Blastobasis lacticolella* Rebel, 1940

Pterophoridae

45.004 *Platyptilia gonodactyla* ([Denis & Schiffermüller], 1775) Triangle Plume

45.008 *Gillmeria pallidactyla* (Haworth, 1811) Yarrow Plume

45.012 *Stenoptilia pterodactyla* (Linnaeus, 1761) Brown Plume

45.030 *Pterophorus pentadactyla* (Linnaeus, 1758) White Plume

Tortricidae

49.004 *Ditula angustiorana* (Haworth, 1811) Red-barred Tortrix

49.013 *Archips podana* (Scopoli, 1763) Large Fruit-tree Tortrix

49.014 *Archips crataegana* (Hübner, [1799]) Brown Oak Tortrix

49.015 *Archips xylosteana* (Linnaeus, 1758) Variegated Golden Tortrix

49.025 *Pandemis cerasana* (Hübner, 1786) Barred Fruit-tree Tortrix

49.038 *Clepsis consimilana* (Hübner, [1817])

49.047 *Eana incanana* (Stephens, 1852)

49.059 *Tortrix viridana* Linnaeus, 1758

Green Oak Tortrix

49.060 *Aleimma loeflingiana* (Linnaeus, 1758)

49.062 *Acleris forsskaleana* (Linnaeus, 1758)

49.091 *Pseudargyrotoza conwagana* (Fabricius, 1775)

49.109	<i>Agapeta hamana</i> (Linnaeus, 1758)	
49.123	<i>Aethes beatricella</i> (Walsingham, 1898)	
49.136	<i>Cochylis hybridella</i> (Hübner, [1813])	
49.138	<i>Cochylis molliculana</i> Zeller, 1847	
49.139	<i>Cochylis atricapitana</i> (Stephens, 1852)	
49.155	<i>Hedya salicella</i> (Linnaeus, 1758)	
49.156	<i>Hedya nubiferana</i> (Haworth, 1811)	Marbled Orchard Tortrix
49.157	<i>Hedya pruniana</i> (Hübner, [1799])	Plum Tortrix
49.161	<i>Celypha striana</i> ([Denis & Schiffermüller], 1775)	
49.166	<i>Celypha lacunana</i> ([Denis & Schiffermüller], 1775)	
49.195	<i>Bactra furfurana</i> (Haworth, 1811)	
49.215	<i>Ancylis achatana</i> ([Denis & Schiffermüller], 1775)	
49.224	<i>Spilonota ocellana</i> ([Denis & Schiffermüller], 1775)	Bud Moth
49.234	<i>Epinotia abbreviana</i> (Fabricius, 1794)	
49.260	<i>Zeiraphera isertana</i> (Fabricius, 1794)	
49.265	<i>Eucosma cana</i> (Haworth, 1811)	
49.266	<i>Eucosma hohenwartiana</i> ([Denis & Schiffermüller], 1775)	
49.269	<i>Eucosma campoliliana</i> ([Denis & Schiffermüller], 1775)	
49.275	<i>Eucosma conterminana</i> (Guenée, 1845)	
49.279	<i>Gypsonoma dealbana</i> (Frölich, 1828)	
49.294	<i>Notocelia uddmanniana</i> (Linnaeus, 1758)	Bramble Shoot Moth
49.341	<i>Cydia splendana</i> (Hübner, [1799])	
49.342	<i>Cydia fagiglandana</i> (Zeller, 1841)	
49.345	<i>Lathronympha strigana</i> (Fabricius, 1775)	
49.367	<i>Pammene fasciana</i> (Linnaeus, 1761)	
Cossidae		
50.002	<i>Zeuzera pyrina</i> (Linnaeus, 1761)	Leopard Moth
Pyralidae		
62.001	<i>Aphomia sociella</i> (Linnaeus, 1758)	Bee Moth
62.029	<i>Phycita roborella</i> ([Denis & Schiffermüller], 1775)	
62.034	<i>Acrobasis repandana</i> (Fabricius, 1798)	
62.038	<i>Acrobasis consociella</i> (Hübner, [1813])	
62.047	<i>Assara terebrella</i> (Zincken, 1818)	
62.048	<i>Euzophera pinguis</i> (Haworth, 1811)	
62.054	<i>Homoeosoma sinuella</i> (Fabricius, 1794)	
62.058	<i>Phycitodes binaevella</i> (Hübner, [1813])	
62.065	<i>Ephestia woodiella</i> Richards & Thomson, 1932	
Crambidae		
63.018	<i>Anania coronata</i> (Hufnagel, 1767)	
63.020	<i>Anania perlucidalis</i> (Hübner, [1809])	
63.025	<i>Anania hortulata</i> (Linnaeus, 1758)	Small Magpie
63.037	<i>Udea olivalis</i> ([Denis & Schiffermüller], 1775)	
63.066	<i>Scoparia pyralella</i> ([Denis & Schiffermüller], 1775)	
63.067	<i>Eudonia lacustrata</i> (Panzer, 1804)	
63.079	<i>Calamotropha paludella</i> (Hübner, [1824])	
63.081	<i>Crambus pascuella</i> (Linnaeus, 1758)	
63.086	<i>Crambus lathoniellus</i> (Zincken, 1817)	
63.088	<i>Crambus perlella</i> (Scopoli, 1763)	
63.099	<i>Catoptria pinella</i> (Linnaeus, 1758)	
63.109	<i>Pediasia contaminella</i> (Hübner, 1796)	
63.115	<i>Acentria ephemerella</i> ([Denis & Schiffermüller], 1775)	Water Veneer
Drepanidae		
65.005	<i>Drepana falcataria</i> (Linnaeus, 1758)	Pebble Hook-tip
65.008	<i>Thyatira batis</i> (Linnaeus, 1758)	Peach Blossom
Sphingidae		
69.016	<i>Deilephila elpenor</i> (Linnaeus, 1758)	Elephant Hawk-moth
69.017	<i>Deilephila porcellus</i> (Linnaeus, 1758)	Small Elephant Hawk-moth
Geometridae		
70.013	<i>Idaea biselata</i> (Hufnagel, 1767)	Small Fan-footed Wave
70.016	<i>Idaea aversata</i> (Linnaeus, 1758)	Riband Wave

70.061	<i>Epirrhoe alternata</i> (Müller, 1764)	Common Carpet
70.065	<i>Euphyia unangulata</i> (Haworth, 1809)	Sharp-angled Carpet
70.077	<i>Pennithera firmata</i> (Hübner, [1822])	Pine Carpet
70.084	<i>Plemyria rubiginata</i> ([Denis & Schiffermüller], 1775)	Blue-bordered Carpet
70.093	<i>Gandaritis pyraliata</i> ([Denis & Schiffermüller], 1775)	Barred Straw
70.097	<i>Dysstroma truncata</i> (Hufnagel, 1767)	Common Marbled Carpet
70.118	<i>Philereme vetulata</i> ([Denis & Schiffermüller], 1775)	Brown Scallop
70.142	<i>Chloroclystis v-ata</i> (Haworth, 1809)	V-Pug
70.144	<i>Pasiphila rectangulata</i> (Linnaeus, 1758)	Green Pug
70.146	<i>Eupithecia haworthiata</i> Doubleday, 1856	Haworth's Pug
70.173	<i>Eupithecia centaureata</i> ([Denis & Schiffermüller], 1775)	Lime-speck Pug
70.190	<i>Eupithecia subfuscata</i> (Haworth, 1809)	Grey Pug
70.207	<i>Lomaspilis marginata</i> (Linnaeus, 1758)	Clouded Border
70.214	<i>Macaria liturata</i> (Clerck, 1759)	Tawny-barred Angle
70.226	<i>Opisthograptis luteolata</i> (Linnaeus, 1758)	Brimstone Moth
70.241	<i>Crocallis elinguarua</i> (Linnaeus, 1758)	Scalloped Oak
70.243	<i>Ourapteryx sambucaria</i> (Linnaeus, 1758)	Swallow-tailed Moth
70.252	<i>Biston betularia</i> (Linnaeus, 1758)	Peppered Moth
70.258	<i>Peribatodes rhomboidaria</i> ([Denis & Schiffermüller], 1775)	Willow Beauty
70.265	<i>Alcis repandata</i> (Linnaeus, 1758)	Mottled Beauty
70.270	<i>Ectropis crepuscularia</i> ([Denis & Schiffermüller], 1775)	Engrailed
70.276	<i>Bupalus piniaria</i> (Linnaeus, 1758)	Bordered White
70.280	<i>Lomographa temerata</i> ([Denis & Schiffermüller], 1775)	Clouded Silver
70.283	<i>Campaea margaritaria</i> (Linnaeus, 1761)	Light Emerald
70.300	<i>Comibaena bajularia</i> ([Denis & Schiffermüller], 1775)	Blotched Emerald
70.305	<i>Hemithea aestivaria</i> (Hübner, 1789)	Common Emerald
Notodontidae		
71.010	<i>Drymonia dodonaea</i> ([Denis & Schiffermüller], 1775)	Marbled Brown
71.012	<i>Notodonta dromedarius</i> (Linnaeus, 1767)	Iron Prominent
71.013	<i>Notodonta ziczac</i> (Linnaeus, 1758)	Pebble Prominent
71.018	<i>Pheosia gnoma</i> (Fabricius, [1777])	Lesser Swallow Prominent
71.025	<i>Phalera bucephala</i> (Linnaeus, 1758)	Buff-tip
Erebidae		
72.002	<i>Rivula sericealis</i> (Scopoli, 1763)	Straw Dot
72.003	<i>Hypena proboscidalis</i> (Linnaeus, 1758)	Snout
72.024	<i>Phragmatobia fuliginosa</i> (Linnaeus, 1758)	Ruby Tiger
72.031	<i>Tyria jacobaeae</i> (Linnaeus, 1758)	Cinnabar
72.035	<i>Miltochrista miniata</i> (Forster, 1771)	Rosy Footman
72.037	<i>Thumatha senex</i> (Hübner, [1808])	Round-winged Muslin
72.044	<i>Eilema griseola</i> (Hübner, [1803])	Dingy Footman
72.045	<i>Eilema lurideola</i> (Zincken, 1817)	Common Footman
72.046	<i>Eilema complana</i> (Linnaeus, 1758)	Scarce Footman
72.053	<i>Herminia tarsipennalis</i> Treitschke, 1835	Fan-foot
72.055	<i>Herminia grisealis</i> ([Denis & Schiffermüller], 1775)	Small Fan-foot
72.063	<i>Lygephila pastinum</i> (Treitschke, 1826)	Blackneck
72.069	<i>Laspeyria flexula</i> ([Denis & Schiffermüller], 1775)	Beautiful Hook-tip
Noctuidae		
73.001	<i>Abrostola tripartita</i> (Hufnagel, 1766)	Spectacle
73.012	<i>Diachrysia chrysis</i> (Linnaeus, 1758)	Burnished Brass
73.015	<i>Autographa gamma</i> (Linnaeus, 1758)	Silver Y
73.016	<i>Autographa pulchrina</i> (Haworth, 1809)	Beautiful Golden Y
73.024	<i>Deltote pygarga</i> (Hufnagel, 1766)	Marbled White Spot
73.040	<i>Acronicta leporina</i> (Linnaeus, 1758)	Miller
73.047	<i>Craniophora ligustri</i> ([Denis & Schiffermüller], 1775)	Coronet
73.092	<i>Caradrina morpheus</i> (Hufnagel, 1766)	Mottled Rustic
73.096	<i>Hoplodrina octogenaria</i> (Goeze, 1781)	Uncertain
73.097	<i>Hoplodrina blanda</i> ([Denis & Schiffermüller], 1775)	Rustic
73.101	<i>Charanyca trigrammica</i> (Hufnagel, 1766)	Treble Lines
73.102	<i>Rusina ferruginea</i> (Esper, 1785)	Brown Rustic
73.113	<i>Phlogophora meticulosa</i> (Linnaeus, 1758)	Angle Shades

73.156	<i>Apamea crenata</i> (Hufnagel, 1766)	Clouded-bordered Brindle
73.157	<i>Apamea anceps</i> ([Denis & Schiffermüller], 1775)	Large Nutmeg
73.163	<i>Apamea lithoxyloa</i> ([Denis & Schiffermüller], 1775)	Light Arches
73.174	<i>Oligia latruncula</i> ([Denis & Schiffermüller], 1775)	Tawny Marbled Minor
73.216	<i>Cosmia trapezina</i> (Linnaeus, 1758)	Dun-bar
73.217	<i>Cosmia pyralina</i> ([Denis & Schiffermüller], 1775)	Lunar-spotted Pinion
73.267	<i>Lacanobia oleracea</i> (Linnaeus, 1758)	Bright-line Brown-eye
73.290	<i>Mythimna conigera</i> ([Denis & Schiffermüller], 1775)	Brown-line Bright-eye
73.291	<i>Mythimna pallens</i> (Linnaeus, 1758)	Common Wainscot
73.293	<i>Mythimna impura</i> (Hübner, [1808])	Smoky Wainscot
73.297	<i>Mythimna albipuncta</i> ([Denis & Schiffermüller], 1775)	White-point
73.298	<i>Mythimna ferrago</i> (Fabricius, 1787)	Clay
73.317	<i>Agrotis exclamationis</i> (Linnaeus, 1758)	Heart and Dart
73.319	<i>Agrotis segetum</i> ([Denis & Schiffermüller], 1775)	Turnip Moth
73.320	<i>Agrotis clavis</i> (Hufnagel, 1766)	Heart and Club
73.328	<i>Axylia putris</i> (Linnaeus, 1761)	Flame
73.329	<i>Ochropleura plecta</i> (Linnaeus, 1761)	Flame Shoulder
73.342	<i>Noctua pronuba</i> (Linnaeus, 1758)	Large Yellow Underwing
73.343	<i>Noctua fimbriata</i> (Schreber, 1759)	Broad-bordered Yellow Underwing
73.345	<i>Noctua comes</i> Hübner, [1813]	Lesser Yellow Underwing
73.357	<i>Xestia xanthographa</i> ([Denis & Schiffermüller], 1775)	Square-spot Rustic
73.359	<i>Xestia c-nigrum</i> (Linnaeus, 1758)	Setaceous Hebrew Character
Nolidae		
74.002	<i>Meganola albula</i> ([Denis & Schiffermüller], 1775)	Kent Black Arches
74.003	<i>Nola cucullatella</i> (Linnaeus, 1758)	Short-cloaked Moth
74.011	<i>Earias clorana</i> (Linnaeus, 1761)	Cream-bordered Green Pea

MOTH SURVEYING AT BEAN MARSH, HERTFORD

Regrettably, the owner of the dry field in the south-east corner (not part of the wildlife trust's nature reserve), has refused to allow vehicle access. There is no parking in the general area and the few residential streets without yellow lines are both some distance away and likely to be occupied in the evening. Getting equipment onto this site would require a herculean effort and we would need to work without a vehicle as an on-site base camp. Sadly, therefore, we have had to withdraw our offer of light trapping at this site.

However, access on foot is entirely possible, so if anyone wants to wander about there, then feel free. There are bound to be some daytime moths to find. The marsh is literally just across the road from Hertford North station – on the north side of the road and the east bank of the river.

CORRECTION

In the last "Mumblings", I commented that *Argyresthia cupressella* was absent from Middlesex. This was, of course, a test!!! Martin Honey kindly pointed out to me that in a paper which I co-authored in the journal *The London Naturalist* I wrote

"20.007 (409b) *Argyresthia cupressella* Walsingham, 1890 Cypress Tip Moth 39 records, 1998 – 2018. A recent arrival in Middlesex, now quite widespread and common having adapted to feed on various Cupressaceae including Leyland Cypress."

Sorry – I only write the stuff. I don't actually read it!

PHEROMONES

The truly poor season continues, with abysmally low moth numbers and some species conspicuous by their absence (at least so far). Nevertheless, there have been a few interesting reports. In particular, people have been getting good results with pheromone lures. In particular, many of us have recorded

the tortrix *Grapholita lobarzewskii* – often in double figures. Until very recently it was regarded as extremely rare and known only from Kent. I even got it in my own garden (on Friday 2nd July, I assembled 20 males). Then, weirdly, a few days later I recorded a free-flying adult at Marshall's Heath.

Several people are finding **Orange-tailed Clearwing** in number at the “AND” lure. In several cases the alleged foodplant (*Viburnum* sp.) may be absent. There is a suggestion that an alternative foodplant might be Dogwood (*Cornus sanguinea*). If this is present near where you catch the moth, please note that fact in your eventual report to me.

Some of the early-flying clearwings might now be finished? However, both **Six-belted** and **Raspberry** (they can look similar – check the antennae to separate them), should just be starting. Lures are also available for several summer-flying tortrix moths as well as some in other families. If you have these, it is well worth trying them out (but I strongly urge that you also purchase a suitable pheromone trap to put the lure in, so that you don't have to sit around all days watching it with a net!).

NEW TO HERTFORDSHIRE

In the last few days, two moth species have been recorded for the first time in Hertfordshire.

Evergestis limbata (Crambidae) was encountered by Mark Stirling at Marshalls Heath on 9th July 2021.

Sitotroga cerealella (Gelechiidae) was discovered breeding at Tring by Mick Bowles. The claim to Hertfordshire status is as follows: Mick's wife makes corn dollies and these are constructed from old strains of wheat with long stalks. She was given some wheat by another corn dolly maker who also lives in Tring and stored it in a garden shed; it originated from Staffordshire, where a small business grows old wheat strains. However, the other dolly maker owned it possibly for over a year at the Tring address and it was passed on as it wasn't going to be used. The wheat was harvested before autumn 2020. Opening the boxes in which completed dollies and some unused corn stalks (with ears) were stored, about thirty moths were found crawling around in the stems. They were eventually named by genitalia examination, undertaken by Peter Hall.

NO LONGER EXTINCT

Martin Parr was extremely fortunate to encounter a **Forester** *Adscita statices* at Maple Cross, on 12th July. Sadly, I am advised that the site where it was found is under threat from a development. Thanks to Matt Dodds for passing on this information.

NOTE: Many of us have pheromone lures for the Forester moth – clearly NOW would be a good time to dig them out of the freezer and take them for a walk. Other sites in the Colne Valley would be worth searching for this attractive moth – though please don't restrict yourself to this area.

OTHER GOODIES

Graeme Smith and myself caught a female **Dotted Rustic** *Rhyacia simulans* at a new woodland site in the middle of an intensely agricultural zone near Watton-at-Stone on 30th June. Check the Herts Moth Book (or the web site if you were too tight to buy one) for info on the status of this moth.

IMMIGRANTS

Gem *Nycterosea obstipata* There have been several reports in both Hertfordshire and Middlesex.

Rannoch Looper *Macaria brunneata* was noted at Welwyn by William Bishop on 29th June.

Bedstraw Hawk-moth *Hyles gallii* came to John Murray's garden light trap in Marshall's Heath on 9th July.

L-album Wainscot *Mythimna l-album* made a surprise appearance at my own trap in Bishop's Stortford on 10th July. The trap was an 8-watt actinic unit on the flat roof of my extension.

White Point *Mythimna albipuncta* has turned up in many places. Some examples are likely to be immigrants, but this species is now believed to be resident in parts of the county so confusion with the resident population is possible.

This is just a taster – inspiration for those who might decide not to trap because of the rain. Other immigrants have been reported but are not ready to be listed here.

SOME MOTHS BUCKING THE TREND

Oddly, some moth species seem to be doing well this year. The following are random observations and comments – not always my own.

Small Dusty Wave *Idaea seriata* – many new sites and increased numbers.

Suspected *Parastichtis suspecta* though not rare, is a seldom seen species, but this year there are widespread reports from sites where it has not been seen before, or from where it has not been seen for a few years or more.

Heart & Club *Agrotis clavis* is reported by many as outnumbering Heart & Dart *Agrotis exclamatoris* in some garden traps. This is unusual in our area.

The **Hollyhock Moth** *Pexicopia malvella* has turned up at a good number of sites in the last two weeks; usually it is quite scarce.

Again this is just a taster – apologies if I forgot to include your report.

HOW MANY MOTHS CAN BE EXPECTED IN YOUR GARDEN?

This is a question I am asked with regularity. Of course, all gardens will vary, but if you survey hard and long you could end up with around 400 macros and about the same number of micros.

To use my own garden as an example: I am situated in the suburban zone – not out in the country side and not in an urban conurbation – so probably fairly typical of most trap sites in Hertfordshire (the London bit of Middlesex is likely to give different numbers). It has been trapped since October 1986 and currently my list stands at 780 species, of which 384 are micros and 396 macros (I am counting clearwings as macros, which might be controversial). Of these, I have noted 723 species in the current millennium (i.e., 1st January 2000 onwards).

This means that the micro to macro ratio is more or less 50:50. So if you are just dabbling in micros at the moment, this is what you can expect eventually if you trap more or less every night of the year. There are also 9 butterflies, but we try not to talk about those too loudly!

Elsewhere in the same town of Bishops Stortford, the two adjoining gardens owned by Jim Fish & Julian Reeves, have so far recorded 719 species - less than me, but a staggering 450 are macros! The micros are poorly studied in comparison.

In the Lea Valley at Cheshunt, Liz Goodyear added two new macros to her Cheshunt garden list this year bringing her list up to 623 species, of which 400 are macros and 263 are micros.

I hope these figures will serve to answer the question of how many species you might expect in your own garden. As for what these species might be – you have the web site and/or my book – so look them up!

His exercise made me wonder how many species are still in my garden. After all, I did start trapping over 30 years ago. So, just for fun at this stage (no analysis), here is a list:

Species not seen in my garden in Bishops Stortford since the start of year 2000 (with year of last record indicated)

Species name		Last seen
NEPTICULIDAE		
04.047	Stigmella splendidissima	1987
04.097	Ectoedemia rubivora	1987
ADELIDAE		
07.010	Cauchas rufimitrella	1988
07.012	Nematopogon schwarziellus	1987
GRACILLARIIDAE		
15.005	Caloptilia betulicola	1986
15.034	Phyllonorycter harrisella	1992
15.083	Phyllonorycter trifasciella	1992
YPONOMEUTIDAE		
16.021	Cedestis gyssemiella	1988
YPSOLOPHIDAE		
17.009	Ypsolopha sylvella	1987
17.01	Ypsolopha parenthesella	1987
DEPRESSARIIDAE		
32.002	Semioscopis steinkellneriana	1988
32.016	Agonopterix propinquella	1988
32.042	Depressaria pulcherrimella	1987
GELECHIIDAE		
35.018	Hypatima rhomboidella	1990
35.109	Scrobipalpa acuminatella	1987
35.129	Caryocolum viscariella	1987
BATRACHEDRIDAE		
36.001	Batrachedra praeangusta	1990
COLEOPHORIDAE		
37.046	Coleophora deauratella	1990
37.049	Coleophora anatipennella	1988
37.069	Coleophora caespititiella	1987
37.084	Coleophora sternipennella	1988
ELACHISTIDAE		
38.025	Elachista atricomella	1991
38.037	Elachista canapennella	1997
PTEROPHORIDAE		
45.004	Platyptilia gonodactyla	Triangle Plume 1987
TORTRICIDAE		
49.042	Neosphaleroptera nubilana	1987
49.132	Cochylidia implicitana	1990
49.194	Bactra lancealana	1988
49.214	Ancylis badiana	1988
49.233	Epinotia solandriana	1987
49.245	Epinotia tetraquetra	1989
49.251	Epinotia rubiginosana	1988
49.252	Epinotia tedella	1988
49.319	Dichrorampha flavidorsana	1999

PYRALIDAE		
62.028	Dioryctria abietella	1991
CRAMBIDAE		
63.015	Sitochroa verticalis	1988
63.033	Udea lutealis	1987
63.06	Evergestis pallidata	1991
DREPANIDAE		
65.011	Tethea or Poplar Lutestring	1987
65.015	Polyploca ridens Frosted Green	1992
GEOMETRIDAE		
70.009	Idaea subsericeata Satin Wave	1988
70.023	Scopula marginepunctata Mullein Wave	1999
70.062	Epirrhoe rivata Wood Carpet	1987
70.098	Dysstroma citrata Dark Marbled Carpet	1988
70.118	Philereme vetulata Brown Scallop	1987
70.158	Eupithecia pusillata Juniper Pug	1987
70.163	Eupithecia lariciata Larch Pug	1988
70.168	Eupithecia nanata Narrow-winged Pug	1991
70.177	Eupithecia satyrata Satyr Pug	1988
70.188	Eupithecia succenturiata Bordered Pug	1999
70.236	Ennomos erosaria September Thorn	1990
70.238	Selenia lunularia Lunar Thorn	1988
70.274	Aethalura punctulata Grey Birch	1988
NOTODONTIDAE		
71.003	Cerura vinula Puss Moth	1992
EREBIDAE		
72.026	Arctia caja Garden Tiger	1990
NOCTUIDAE		
73.033	Diloba caeruleocephala Figure of Eight	1990
73.036	Acronicta alni Alder Moth	1990
73.127	Amphipoea lucens Large Ear	1997
73.168	Lateroligia ophiogramma Double Lobed	1989
73.183	Cirrhia gilvago Dusky-lemon Sallow	1999
73.261	Polia nebulosa Grey Arches	1999
73.271	Ceramica pisi Broom Moth	1990
73.283	Hadena confusa Marbled Coronet	1997
73.286	Hadena perplexa Tawny Shears	1998
73.339	Rhyacia simulans Dotted Rustic	1991
73.351	Graphiphora augur Double Dart	1988

A few species were probably only trapped as casuals, passing through (e.g., the Large Ear) so are not truly "lost" species. However, it seems that something drastic may have happened at the end of the 1980s. In 1992 – 1996 there was only limited trapping, because I spent a lot of time working away from home, but the annual numbers returned to single figures for 4 years before this reduction in survey effort.

Hopefully food for thought, for others who want to look at their gains and losses?

All for now. Apologies for anything important that I missed.

Do keep me updated.

Happy mothing,

Colin