

MOTH MUMBLINGS – BLAZING JUNE 2021

OOPS – I MEANT TO SAY

I suggested, stupidly, in the last Mumbblings that the longhorn moth on Black Horehound was *Adela croesella*. This is incorrect. The moth in question is the rather attractive *Nemophora fasciella* – which is likely still to be on the wing.

WHAT A DIFFERENCE A CLOUD MAKES!

Someone clearly threw “the switch” on 2nd June. The 100% cloud cover kept the air temperature up all night and for the first time in absolutely ages people started to catch moths in near sensible numbers. Normality may be on the way; we are not there yet – but certainly we are now making progress. Outstanding was a **Striped Hawk-moth** (*Hyles livornica*) at St Albans (Mark Stirling was the lucky recipient – my only immigrant at Bishops Stortford was a single **Diamond-backed Moth** (*Plutella xylostella*); there are several reports of this micro from across the county but only in low number. In Essex, to our east, there was a **Spurge Hawk-moth** (*Hyles euphorbiae*) last night. Exact location not yet known to me.

These records provide evidence of a small amount of immigrant moth activity at the moment. Nothing major but worth keeping the eyes open! Additionally, newcomer to our group Gail Ashton had a **White-point** (*Mythimna albipuncta*) in her garden trap in Bishops Stortford last night (5th June). Although this species is suspected to breed in southern England there is no reason to regard this record as relating to anything other than a primary immigrant from overseas.

I was rather pleased to get the micro *Bucculatrix nigricomella* at last during this warm night. This is long overdue here since there are masses of the foodplant (ox-eye daisy) on the “living roof” over my house extension. This foodplant is in abundance all over the place at the moment, especially on road verges and roundabouts s the moth should be everywhere... but it seems quite scarce?

OTHER REPORTS

Other good stuff, not connected to the same date has been reported. Most notable, perhaps, was a male of the tortrix *Grapholita internana* (male hind wings unmistakable – look it up) which Dick Middleton beat from Gorse bushes at Poor’s Field, Ruislip on 24th May (2021). This is **new to Middlesex** and brings that county’s overall moth total to 1527 species. This compares with an overall total of 1765 species in the vice-county of Hertfordshire.

Richard Ellis caught a very late **Small Brindled Beauty** (*Apocheima pilosaria*) at Chorleywood on 1st June. The rather beaten-up specimen was very active for a while but then expired. There is a record for another late example on 17th May in 2015 from Hitchin, but otherwise the flight period is over by the end of April (usually starting in the last week of January).

CLEARWINGS ... NOW

We are now into “clearwing season” so if you have pheromone lures it is time to thaw them out. I put my “MYO” lure out last night (knowing that I would not be up with the sun and so would miss the morning). When I looked inside the trap at 11am, there was a single male Red-belted Clearwing (*Synanthedon myopaeformis*) staring back at me! I later let it go so it could continue its attack on next door’s apple tree!

This was not unexpected at this date. However, Matthew Pierce in north London found a freshly emerged exuviae (or chrysalis case, to you and me) protruding from a hole at the base of a poplar tree

next to his garden. **Hornet Moth** (*Sesia apiformis*) is clearly out early this year. The date is not exceptional as the recorded flight period in our two counties covers all of June and July, though in most years the adults emerge in the third week of July. They usually emerge between about 05.00 and 07.00 hours and may sit on the lower trunk of the tree for an hour or so before walking up to the canopy to find a mate. Being bright yellow there are blindingly obvious on the trunk – even if driving past in a car. Sadly, many get killed by people who think they are large wasps!

I just (a few minutes ago) drove down the road to look at the famous poplars in Cemetery Road Bishops Stortford, where many people have been known to visit to see this spectacular moth for the first time. However, there was no sign yet of emerged adults. I put out the new “API” pheromone lure in a trap by the trees for half an hour but there were no takers. It is worth noting that most of the poplar trees here and now clad in ivy and their bases surrounded by bushes and tall herbs so that only minimal amount of exposed trunk is available. It is unclear if this makes them unsuitable for the moth or if it just makes it harder for humans to see them. Fact-based observations welcomed.

ASTONBURY WOOD

Moth Group members are asked to help save Astonbury Wood, which lies just south of Stevenage. The wood was due to be eradicated to make way for a new housing estate BUT an opportunity has now been created to save the wood. **The Herts & Middlesex Wildlife Trust have until the end of July to raise an outstanding balance of £104,000 in order to buy the wood outright and be able to manage it as a nature reserve.** Astonbury Wood is an area of ancient woodland (woodland that has persisted naturally in one form or another for a minimum of 400 years). It has a significantly diverse biodiversity. We looked at moths the wood in 2002 and 2003 and recorded 335 species over a very low number of visits. The true list is likely to be in excess of 500 species, possibly as many as 600 especially as the micro moths have scarcely been looked at. **The current species list is given at the end of this newsletter.**

YOU ARE ENCOURAGED TO DONATE.

Pay by Cash – cheque – Visa card, master card etc

- **On line** at: hertswildlifetrust.org.uk/astonburywood
- **By telephone** at: 01727 858901 (Covid rules– office not manned – leave a message and they will call back);
- **By post:** Herts & Middx Wildlife Trust, Grebe House, St Michaels Street, St Albans, AL3 4SN

You can claim Gift Aid on donations, allowing the Trust to claim an additional 25p for every pound note you give them! Ask them how when you contact them.

The wildlife trust states that £50 buys 100 square metres; £200 buys 500 metres (the maths seems odd, but I suppose they get a discount?); to protect a whole acre (younger members look it up!), they would need £1926.

The range of disposable income across moth group members is significant, so I am not making any recommendation for amount. Whatever you can give will help. I strongly urge you all to give something, at least. There are about 250 moth group members at June 2021 so potentially we could make a significant difference.

NOT A MOTH BUT ...

Moth group member **Gail Ashton (Bishops Stortford)** needs several live **cockchafers** for an educational project. These large beetles often visit moth traps at this time of year (though more so in “the woods” than in domestic gardens). She also needs live rose chafers, though these are scarcer than hen’s teeth in Herts and Middlesex. I just realised that I did not seek permission to circulate her contact details, so the best thing is to tell **me** if you have material (or simply deliver it to the black box by my front door) and I will make sure she gets it (we live just around the corner from each other).

That’s all I know of, though usually something interesting comes in just after I have sent these messages! Keep me posted on any noteworthy captures or observations and if anyone else feels the urge to write a contribution to this newsletter please feel free to send it to me for consideration.

Happy mothing,

Colin

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ASTONBURY WOOD: SPECIES LIST – MOTHS (all time – all records)

Source: Herts Moth Database, accessed 6th June 2021.

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335 species.

ERIOCRANIIDAE

02.001 *Dyseriocrania subpurpurella* (Haworth, 1828)

HEPIALIDAE

03.002 *Korscheltellus lupulina* (Linnaeus, 1758)

03.003 *Korscheltellus fuscobulosa* (De Geer, 1778)

03.005 *Hepialus humuli* (Linnaeus, 1758)

Common Swift
Map-winged Swift
Ghost Moth

NEPTICULIDAE

04.007 *Stigmella luteella* (Stainton, 1857)

04.010 *Stigmella microtheriella* (Stainton, 1854)

04.032 *Stigmella floslactella* (Haworth, 1828)

04.035 *Stigmella salicis* (Stainton, 1854)

04.038 *Stigmella obliquella* (Heinemann, 1862)

04.045 *Stigmella aurella* (Fabricius, 1775)

04.054 *Stigmella perpygmaeella* (Doubleday, 1859)

ADELIODAE

07.001 *Nemophora degeerella* (Linnaeus, 1758)

07.010 *Cauchas rufimitrella* (Scopoli, 1763)

TISCHERIIDAE

10.003 *Coptotriche marginea* (Haworth, 1828)

TINEIDAE

12.010	<i>Morophaga choragella</i>	([Denis & Schiffermüller], 1775)	
12.012	<i>Triaxomera parasitella</i>	(Hübner, 1796)	
12.032	<i>Tinea semifulvella</i>	Haworth, 1828	
GRACILLARIIDAE			
15.028	<i>Parornix anglicella</i>	(Stainton, 1850)	
15.037	<i>Phyllonorycter tenerella</i>	(Joannis, 1915)	
15.039	<i>Phyllonorycter quercifoliella</i>	(Zeller, 1839)	
15.052	<i>Phyllonorycter corylifoliella</i>	(Hübner, 1796)	
15.053	<i>Phyllonorycter leucographella</i>	(Zeller, 1850)	Firethorn Leaf Miner
15.054	<i>Phyllonorycter viminiella</i>	(Sircom, 1848)	
15.064	<i>Phyllonorycter coryli</i>	(Nicelli, 1851)	Nut Leaf Blister Moth
15.065	<i>Phyllonorycter esperella</i>	(Goeze, 1783)	
15.075	<i>Phyllonorycter ulmifoliella</i>	(Hübner, [1817])	
15.081	<i>Phyllonorycter nicellii</i>	(Stainton, 1851)	
15.083	<i>Phyllonorycter trifasciella</i>	(Haworth, 1828)	
YPONOMEUTIDAE			
16.002	<i>Yponomeuta padella</i>	(Linnaeus, 1758)	Orchard Ermine
16.02	<i>Paraswammerdamia nebulella</i>	(Goeze, 1783)	
YPSOLOPHIDAE			
17.01	<i>Ypsolopha parenthesesella</i>	(Linnaeus, 1761)	
17.011	<i>Ypsolopha ustella</i>	(Clerck, 1759)	
PLUTELLIDAE			
18.001	<i>Plutella xylostella</i>	(Linnaeus, 1758)	Diamond-back Moth
ARGYRESTHIIDAE			
20.012	<i>Argyresthia goedartella</i>	(Linnaeus, 1758)	
LYONETIIDAE			
21.001	<i>Lyonetia clerkella</i>	(Linnaeus, 1758)	Apple Leaf Miner
PRAYDIDAE			
22.002	<i>Prays fraxinella</i>	(Bjerkander, 1784)	Ash Bud Moth
OECOPHORIDAE			
28.014	<i>Crassa unitella</i>	(Hübner, 1796)	
28.019	<i>Esperia sulphurella</i>	(Fabricius, 1775)	
CHIMABACHIDAE			
29.001	<i>Diurnea fagella</i>	([Denis & Schiffermüller], 1775)	
PELEOPODIDAE			
31.001	<i>Carcina quercana</i>	(Fabricius, 1775)	
DEPRESSARIIDAE			
32.018	<i>Agonopterix heracliana</i>	(Linnaeus, 1758)	
32.019	<i>Agonopterix ciliella</i>	(Stainton, 1849)	
GELECHIIDAE			
35.018	<i>Hypatima rhomboidella</i>	(Linnaeus, 1758)	
35.058	<i>Metzneria metzneriella</i>	(Stainton, 1851)	
35.141	<i>Teleiodes vulgella</i>	([Denis & Schiffermüller], 1775)	
35.143	<i>Teleiodes luculella</i>	(Hübner, [1813])	
35.148	<i>Carpatolechia fugitivella</i>	(Zeller, 1839)	
COLEOPHORIDAE			
37.099	<i>Coleophora striatipennella</i>	Nylander [1848]	
PARAMETRIOTIDAE			
39.001	<i>Blastodacna hellerella</i>	(Duponchel, 1838)	
BLASTOBASIDAE			
41.002	<i>Blastobasis adustella</i>	Walsingham, 1894	
41.003	<i>Blastobasis lacticolella</i>	Rebel, 1940	
ALUCITIDAE			
44.001	<i>Alucita hexadactyla</i>	Linnaeus, 1758	Many-plumed Moth
PTEROPHORIDAE			
45.009	<i>Gillmeria ochrodactyla</i>	([Denis & Schiffermüller], 1775)	Tansy Plume
45.011	<i>Amblyptilia punctidactyla</i>	(Haworth, 1811)	Brindled Plume
45.03	<i>Pterophorus pentadactyla</i>	(Linnaeus, 1758)	White Plume
45.044	<i>Emmelina monodactyla</i>	(Linnaeus, 1758)	Common Plume
CHOREUTIDAE			

48.001	<i>Anthophila fabriciana</i>	(Linnaeus, 1767)	
TORTRICIDAE			
49.001	<i>Olindia schumacherana</i>	(Fabricius, 1787)	
49.004	<i>Ditula angustiorana</i>	(Haworth, 1811)	Red-barred Tortrix
49.005	<i>Epagoge grotiana</i>	(Fabricius, 1781)	a moth
49.013	<i>Archips podana</i>	(Scopoli, 1763)	Large Fruit-tree Tortrix
49.014	<i>Archips crataegana</i>	(Hübner, [1799])	Brown Oak Tortrix
49.015	<i>Archips xylosteana</i>	(Linnaeus, 1758)	Variegated Golden Tortrix
49.022	<i>Ptycholoma lecheana</i>	(Linnaeus, 1758)	a moth
49.024	<i>Pandemis corylana</i>	(Fabricius, 1794)	Chequered Fruit-tree Tortrix
49.025	<i>Pandemis cerasana</i>	(Hübner, 1786)	Barred Fruit-tree Tortrix
49.026	<i>Pandemis heparana</i>	([Denis & Schiffermüller], 1775)	Dark Fruit-tree Tortrix
49.028	<i>Syndemis musculana</i>	(Hübner, [1799])	a moth
49.031	<i>Zelothereses paleana</i>	(Hübner, 1793)	Timothy Tortrix
49.037	<i>Clepsis spectrana</i>	(Treitschke, 1830)	Cyclamen Tortrix
49.04	<i>Lozotaeniodes formosana</i>	(Frölich, 1830)	
49.044	<i>Tortricodes alternella</i>	([Denis & Schiffermüller], 1775)	
49.049	<i>Cnephasia incertana</i>	(Treitschke, 1835)	Light Grey Tortrix
49.05	<i>Cnephasia stephensiana</i>	(Doubleday, [1849])	Grey Tortrix
49.054	<i>Cnephasia genitalana</i>	Pierce & Metcalfe, 1922	
49.059	<i>Tortrix viridana</i>	Linnaeus, 1758	Green Oak Tortrix
49.060	<i>Aleimma loeflingiana</i>	(Linnaeus, 1758)	
49.062	<i>Acleris forsskaleana</i>	(Linnaeus, 1758)	
49.069	<i>Acleris sparsana</i>	([Denis & Schiffermüller], 1775)	
49.070	<i>Acleris rhombana</i>	([Denis & Schiffermüller], 1775)	Rhomboid Tortrix
49.085	<i>Acleris kochiella</i>	(Goeze, 1783)	
49.091	<i>Pseudargyrotoza conwagana</i>	(Fabricius, 1775)	
49.109	<i>Agapeta hamana</i>	(Linnaeus, 1758)	
49.110	<i>Agapeta zoegana</i>	(Linnaeus, 1767)	
49.127	<i>Aethes cnicana</i>	(Westwood, 1854)	
49.128	<i>Aethes rubigana</i>	(Treitschke, 1830)	
49.134	<i>Cochylis roseana</i>	(Haworth, 1811)	
49.148	<i>Apotomis lineana</i>	([Denis & Schiffermüller], 1775)	
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)	
49.183	<i>Lobesia abscisana</i>	(Doubleday, [1849])	
49.223	<i>Rhopobota naevana</i>	(Hübner, [1817])	Holly Tortrix
49.224	<i>Spilonota ocellana</i>	([Denis & Schiffermüller], 1775)	Bud Moth
49.231	<i>Epinotia brunnichana</i>	(Linnaeus, 1767)	
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
49.298	<i>Notocelia trimaculana</i>	(Haworth, 1811)	
49.307	<i>Rhyacionia pinivorana</i>	(Lienig & Zeller, 1846)	Spotted Shoot Moth
49.338	<i>Cydia pomonella</i>	(Linnaeus, 1758)	Codling Moth
49.341	<i>Cydia splendana</i>	(Hübner, [1799])	
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
62.007	<i>Cryptoblabes bistriga</i>	(Haworth, 1811)	
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])	
62.042	<i>Myelois circumvoluta</i>	(Fourcroy, 1785)	Thistle Ermine
62.048	<i>Euzophera pinguis</i>	(Haworth, 1811)	
62.075	<i>Hypsopygia costalis</i>	(Fabricius, 1775)	Gold Triangle

62.076	<i>Hypsopygia glaucinalis</i>	(Linnaeus, 1758)	
62.077	<i>Endotricha flammealis</i>	([Denis & Schiffermüller], 1775)	
CRAMBIDAE			
63.006	<i>Pyrausta aurata</i>	(Scopoli, 1763)	
63.007	<i>Pyrausta purpuralis</i>	(Linnaeus, 1758)	
63.018	<i>Anania coronata</i>	(Hufnagel, 1767)	
63.025	<i>Anania hortulata</i>	(Linnaeus, 1758)	Small Magpie
63.031	<i>Udea ferrugalis</i>	(Hübner, 1796)	Rusty-dot Pearl
63.033	<i>Udea lutealis</i>	(Hübner, [1809])	
63.034	<i>Udea prunalis</i>	([Denis & Schiffermüller], 1775)	
63.037	<i>Udea olivalis</i>	([Denis & Schiffermüller], 1775)	
63.038	<i>Patania ruralis</i>	(Scopoli, 1763)	Mother of Pearl
63.062	<i>Scoparia subfusca</i>	Haworth, 1811	
63.064	<i>Scoparia ambigualis</i>	(Treitschke, 1829)	
63.066	<i>Scoparia pyralella</i>	([Denis & Schiffermüller], 1775)	
63.067	<i>Eudonia lacustrata</i>	(Panzer, 1804)	
63.074	<i>Eudonia mercurella</i>	(Linnaeus, 1758)	
63.080	<i>Chrysoteuchia culmella</i>	(Linnaeus, 1758)	Garden Grass-veneer
63.081	<i>Crambus pascuella</i>	(Linnaeus, 1758)	
63.086	<i>Crambus lathoniellus</i>	(Zincken, 1817)	
63.088	<i>Crambus perlella</i>	(Scopoli, 1763)	
63.089	<i>Agriphila tristella</i>	([Denis & Schiffermüller], 1775)	
63.093	<i>Agriphila straminella</i>	([Denis & Schiffermüller], 1775)	
63.114	<i>Elophila nymphaeata</i>	(Linnaeus, 1758)	Brown China-mark
63.115	<i>Acentria ephemerella</i>	([Denis & Schiffermüller], 1775)	Water Veneer
63.118	<i>Nymphula nitidulata</i>	(Hufnagel, 1767)	Beautiful China-mark
DREPANIDAE			
65.002	<i>Watsonalla binaria</i>	(Hufnagel, 1767)	Oak Hook-tip
65.005	<i>Drepana falcataria</i>	(Linnaeus, 1758)	Pebble Hook-tip
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
65.010	<i>Tethea ocularis</i>	(Linnaeus, 1767)	Figure of Eighty
65.015	<i>Polyplocia ridens</i>	(Fabricius, 1787)	Frosted Green
65.016	<i>Achlya flavicornis</i>	(Linnaeus, 1758)	Yellow Horned
LASIOCAMPIDAE			
66.001	<i>Poecilocampa populi</i>	(Linnaeus, 1758)	December Moth
66.010	<i>Euthrix potatoria</i>	(Linnaeus, 1758)	Drinker
SPHINGIDAE			
69.001	<i>Mimas tiliae</i>	(Linnaeus, 1758)	Lime Hawk-moth
69.002	<i>Smerinthus ocellata</i>	(Linnaeus, 1758)	Eyed Hawk-moth
69.003	<i>Laothoe populi</i>	(Linnaeus, 1758)	Poplar Hawk-moth
69.006	<i>Sphinx ligustri</i>	Linnaeus, 1758	Privet Hawk-moth
69.016	<i>Deilephila elpenor</i>	(Linnaeus, 1758)	Elephant Hawk-moth
GEOMETRIDAE			
70.004	<i>Idaea rusticata</i>	([Denis & Schiffermüller], 1775)	Least Carpet
70.008	<i>Idaea seriata</i>	(Schrank, 1802)	Small Dusty Wave
70.011	<i>Idaea dimidiata</i>	(Hufnagel, 1767)	Single-dotted Wave
70.012	<i>Idaea trigeminata</i>	(Haworth, 1809)	Treble Brown Spot
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
70.029	<i>Timandra comae</i>	Schmidt, 1931	Blood-Vein
70.036	<i>Cyclophora punctaria</i>	(Linnaeus, 1758)	Maiden's Blush
70.051	<i>Xanthorhoe spadicearia</i>	([Denis & Schiffermüller], 1775)	Red Twin-spot Carpet
70.054	<i>Xanthorhoe montanata</i>	([Denis & Schiffermüller], 1775)	Silver-ground Carpet
70.055	<i>Xanthorhoe quadrifasiata</i>	(Clerck, 1759)	Large Twin-spot Carpet
70.059	<i>Camptogramma bilineata</i>	(Linnaeus, 1758)	Yellow Shell
70.061	<i>Epirrhoe alternata</i>	(Müller, 1764)	Common Carpet
70.066	<i>Earophila badiata</i>	([Denis & Schiffermüller], 1775)	Shoulder Stripe

70.074	<i>Hydriomena furcata</i>	(Thunberg, 1784)	July Highflyer
70.081	<i>Thera obeliscata</i>	(Hübner, [1787])	Grey Pine Carpet
70.085	<i>Cidaria fulvata</i>	(Forster, 1771)	Barred Yellow
70.086	<i>Electrophaes corylata</i>	(Thunberg, 1792)	Broken-barred Carpet
70.093	<i>Gandaritis pyraliata</i>	([Denis & Schiffermüller], 1775)	Barred Straw
70.094	<i>Ecliptopera silaceata</i>	([Denis & Schiffermüller], 1775)	Small Phoenix
70.095	<i>Chloroclysta siterata</i>	(Hufnagel, 1767)	Red-Green Carpet
70.097	<i>Dysstroma truncata</i>	(Hufnagel, 1767)	Common Marbled Carpet
70.100	<i>Colostygia pectinataria</i>	(Knoch, 1781)	Green Carpet
70.106	<i>Operophtera brumata</i>	(Linnaeus, 1758)	Winter Moth
70.107	<i>Epirrita dilutata</i>	([Denis & Schiffermüller], 1775)	November Moth
70.108	<i>Epirrita christyi</i>	(Allen, 1906)	Pale November Moth
70.111	<i>Asthena albulata</i>	(Hufnagel, 1767)	Small White Wave
70.114	<i>Hydrelia flammeolaria</i>	(Hufnagel, 1767)	Small Yellow Wave
70.127	<i>Horisme tersata</i>	([Denis & Schiffermüller], 1775)	Fern
70.133	<i>Perizoma alchemillata</i>	(Linnaeus, 1758)	Small Rivulet
70.138	<i>Perizoma flavofasciata</i>	(Thunberg, 1792)	Sandy Carpet
70.141	<i>Gymnoscelis rufifasciata</i>	(Haworth, 1809)	Double-striped Pug
70.143	<i>Pasiphila chloerata</i>	(Mabille, 1870)	Sloe Pug
70.144	<i>Pasiphila rectangulata</i>	(Linnaeus, 1758)	Green Pug
70.147	<i>Eupithecia tenuiata</i>	(Hübner, [1813])	Slender Pug
70.148	<i>Eupithecia inturbata</i>	(Hübner, [1817])	Maple Pug
70.150	<i>Eupithecia linariata</i>	([Denis & Schiffermüller], 1775)	Toadflax Pug
70.156	<i>Eupithecia abbreviata</i>	Stephens, 1831	Brindled Pug
70.157	<i>Eupithecia dodoneata</i>	Guenée, [1858]	Oak-tree Pug
70.158	<i>Eupithecia pusillata</i>	([Denis & Schiffermüller], 1775)	Juniper Pug
70.173	<i>Eupithecia centaureata</i>	([Denis & Schiffermüller], 1775)	Lime-speck Pug
70.176	<i>Eupithecia intricata</i>	(Zetterstedt, 1839)	Freyer's Pug
70.179	<i>Eupithecia absinthiata</i>	(Clerck, 1759)	Wormwood Pug
70.183	<i>Eupithecia vulgata</i>	(Haworth, 1809)	Common Pug
70.190	<i>Eupithecia subfuscata</i>	(Haworth, 1809)	Grey Pug
70.192	<i>Aplocera plagiata</i>	(Linnaeus, 1758)	Treble-bar
70.205	<i>Abraxas grossulariata</i>	(Linnaeus, 1758)	Magpie Moth
70.207	<i>Lomaspilis marginata</i>	(Linnaeus, 1758)	Clouded Border
70.214	<i>Macaria liturata</i>	(Clerck, 1759)	Tawny-barred Angle
70.222	<i>Petrophora chlorosata</i>	(Scopoli, 1763)	Brown Silver-line
70.224	<i>Plagodis dolabraria</i>	(Linnaeus, 1767)	Scorched Wing
70.226	<i>Opisthograptis luteolata</i>	(Linnaeus, 1758)	Brimstone Moth
70.237	<i>Selenia dentaria</i>	(Fabricius, 1775)	Early Thorn
70.239	<i>Selenia tetralunaria</i>	(Hufnagel, 1767)	Purple Thorn
70.241	<i>Crocallis elinguaris</i>	(Linnaeus, 1758)	Scalloped Oak
70.243	<i>Ourapteryx sambucaria</i>	(Linnaeus, 1758)	Swallow-tailed Moth
70.244	<i>Colotois pennaria</i>	(Linnaeus, 1761)	Feathered Thorn
70.245	<i>Alsophila aescularia</i>	([Denis & Schiffermüller], 1775)	March Moth
70.247	<i>Phigalia pilosaria</i>	([Denis & Schiffermüller], 1775)	Pale Brindled Beauty
70.251	<i>Biston strataria</i>	(Hufnagel, 1767)	Oak Beauty
70.252	<i>Biston betularia</i>	(Linnaeus, 1758)	Peppered Moth
70.253	<i>Agriopsis leucophaearia</i>	([Denis & Schiffermüller], 1775)	Spring Usher
70.255	<i>Agriopsis marginaria</i>	(Fabricius, [1777])	Dotted Border
70.256	<i>Erannis defoliaria</i>	(Clerck, 1759)	Mottled Umber
70.258	<i>Peribatodes rhomboidaria</i>	([Denis & Schiffermüller], 1775)	Willow Beauty
70.265	<i>Alcis repandata</i>	(Linnaeus, 1758)	Mottled Beauty
70.268	<i>Hypomecis punctinalis</i>	(Scopoli, 1763)	Pale Oak Beauty
70.270	<i>Ectropis bistortata</i>	(Goeze, 1781)	Engrailed
70.273	<i>Parectropis similaria</i>	(Hufnagel, 1767)	Brindled White-spot
70.277	<i>Cabera pusaria</i>	(Linnaeus, 1758)	Common White Wave
70.278	<i>Cabera exanthemata</i>	(Scopoli, 1763)	Common Wave
70.280	<i>Lomographa temerata</i>	([Denis & Schiffermüller], 1775)	Clouded Silver
70.283	<i>Campaea margaritaria</i>	(Linnaeus, 1761)	Light Emerald
70.284	<i>Hylaea fasciaria</i>	(Linnaeus, 1758)	Barred Red

70.300	<i>Comibaena bajularia</i>	([Denis & Schiffermüller], 1775)	Blotched Emerald
70.305	<i>Hemithea aestivaria</i>	(Hübner, 1789)	Common Emerald
NOTODONTIDAE			
71.009	<i>Stauropus fagi</i>	(Linnaeus, 1758)	Lobster Moth
71.011	<i>Drymonia ruficornis</i>	(Hufnagel, 1766)	Lunar Marbled Brown
71.012	<i>Notodonta dromedarius</i>	(Linnaeus, 1767)	Iron Prominent
71.013	<i>Notodonta ziczac</i>	(Linnaeus, 1758)	Pebble Prominent
71.017	<i>Pheosia tremula</i>	(Clerck, 1759)	Swallow Prominent
71.020	<i>Pterostoma palpina</i>	(Clerck, 1759)	Pale Prominent
71.021	<i>Ptilodon capucina</i>	(Linnaeus, 1758)	Coxcomb Prominent
71.022	<i>Ptilodon cucullina</i>	([Denis & Schiffermüller], 1775)	Maple Prominent
71.025	<i>Phalera bucephala</i>	(Linnaeus, 1758)	Buff-tip
71.027	<i>Clostera curtula</i>	(Linnaeus, 1758)	Chocolate-tip
EREBIDAE			
72.002	<i>Rivula sericealis</i>	(Scopoli, 1763)	Straw Dot
72.003	<i>Hypena proboscidalis</i>	(Linnaeus, 1758)	Snout
72.009	<i>Leucoma salicis</i>	(Linnaeus, 1758)	White Satin
72.010	<i>Lymantria monacha</i>	(Linnaeus, 1758)	Black Arches
72.013	<i>Euproctis similis</i>	(Fuessly, 1775)	Yellow-tail
72.015	<i>Calliteara pudibunda</i>	(Linnaeus, 1758)	Pale Tussock
72.019	<i>Spilosoma lutea</i>	(Hufnagel, 1766)	Buff Ermine
72.020	<i>Spilosoma lubricipeda</i>	(Linnaeus, 1758)	White Ermine
72.024	<i>Phragmatobia fuliginosa</i>	(Linnaeus, 1758)	Ruby Tiger
72.031	<i>Tyria jacobaeae</i>	(Linnaeus, 1758)	Cinnabar
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
72.069	<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
73.014	<i>Polychrysia moneta</i>	(Fabricius, 1787)	Golden Plusia
73.015	<i>Autographa gamma</i>	(Linnaeus, 1758)	Silver Y
73.016	<i>Autographa pulchrina</i>	(Haworth, 1809)	Beautiful Golden Y
73.017	<i>Autographa jota</i>	(Linnaeus, 1758)	Plain Golden Y
73.024	<i>Deltote pygarga</i>	(Hufnagel, 1766)	Marbled White Spot
73.032	<i>Colocasia coryli</i>	(Linnaeus, 1758)	Nut-tree Tussock
73.037	<i>Acronicta tridens</i>	([Denis & Schiffermüller], 1775)	Dark Dagger
73.038	<i>Acronicta psi</i>	(Linnaeus, 1758)	Grey Dagger
73.039	<i>Acronicta aceris</i>	(Linnaeus, 1758)	Sycamore
73.046	<i>Subacronicta megacephala</i>	([Denis & Schiffermüller], 1775)	Poplar Grey
73.058	<i>Cucullia verbasci</i>	(Linnaeus, 1758)	Mullein
73.084	<i>Bryophila domestica</i>	(Hufnagel, 1766)	Marbled Beauty
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
73.099	<i>Hoplodrina ambigua</i>	([Denis & Schiffermüller], 1775)	Vine's 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
73.154	<i>Apamea remissa</i>	(Hübner, [1809])	Dusky Brocade
73.155	<i>Apamea epomidion</i>	(Haworth, 1809)	Clouded Brindle
73.157	<i>Apamea anceps</i>	([Denis & Schiffermüller], 1775)	Large Nutmeg
73.158	<i>Apamea sordens</i>	(Hufnagel, 1766)	Rustic Shoulder-knot
73.159	<i>Apamea unanimitis</i>	(Hübner, [1813])	Small Clouded Brindle
73.162	<i>Apamea monoglypha</i>	(Hufnagel, 1766)	Dark Arches
73.163	<i>Apamea lithoxyla</i>	([Denis & Schiffermüller], 1775)	Light Arches
73.169	<i>Mesapamea secalis</i>	(Linnaeus, 1758)	Common Rustic
73.170	<i>Mesapamea didyma</i>	(Esper, 1788)	Lesser Common Rustic

73.172	<i>Mesoligia furuncula</i>	([Denis & Schiffermüller], 1775)	Cloaked Minor
73.173	<i>Oligia strigilis</i>	(Linnaeus, 1758)	Marbled Minor
73.174	<i>Oligia latruncula</i>	([Denis & Schiffermüller], 1775)	Tawny Marbled Minor
73.176	<i>Oligia fasciuncula</i>	(Haworth, 1809)	Middle-barred Minor
73.180	<i>Tiliacea aurago</i>	([Denis & Schiffermüller], 1775)	Barred Sallow
73.189	<i>Agrochola lota</i>	(Clerck, 1759)	Red-line Quaker
73.19	<i>Agrochola macilenta</i>	(Hübner, [1809])	Yellow-line Quaker
73.192	<i>Agrochola circellaris</i>	(Hufnagel, 1766)	Brick
73.193	<i>Omphaloscelis lunosa</i>	(Haworth, 1809)	Lunar Underwing
73.194	<i>Conistra vaccinii</i>	(Linnaeus, 1761)	Chestnut
73.210	<i>Eupsilia transversa</i>	(Hufnagel, 1766)	Satellite
73.213	<i>Ipimorpha subtusa</i>	([Denis & Schiffermüller], 1775)	Olive
73.216	<i>Cosmia trapezina</i>	(Linnaeus, 1758)	Dun-bar
73.217	<i>Cosmia pyralina</i>	([Denis & Schiffermüller], 1775)	Lunar-spotted Pinion
73.220	<i>Brachylomia viminalis</i>	(Fabricius, [1777])	Minor Shoulder-knot
73.222	<i>Apterogenum ypsilon</i>	([Denis & Schiffermüller], 1775)	Dingy Shears
73.242	<i>Orthosia incerta</i>	(Hufnagel, 1766)	Clouded Drab
73.244	<i>Orthosia cerasi</i>	(Fabricius, 1775)	Common Quaker
73.245	<i>Orthosia cruda</i>	([Denis & Schiffermüller], 1775)	Small Quaker
73.249	<i>Orthosia gothica</i>	(Linnaeus, 1758)	Hebrew Character
73.250	<i>Anorthoa munda</i>	([Denis & Schiffermüller], 1775)	Twin-spotted Quaker
73.267	<i>Lacanobia oleracea</i>	(Linnaeus, 1758)	Bright-line Brown-eye
73.270	<i>Melanchra persicariae</i>	(Linnaeus, 1761)	Dot Moth
73.274	<i>Mamestra brassicae</i>	(Linnaeus, 1758)	Cabbage Moth
73.279	<i>Hecatera bicolorata</i>	(Hufnagel, 1766)	Broad-barred White
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
73.298	<i>Mythimna ferrago</i>	(Fabricius, 1787)	Clay
73.301	<i>Leucania comma</i>	(Linnaeus, 1761)	Shoulder-striped Wainscot
73.317	<i>Agrotis exclamationis</i>	(Linnaeus, 1758)	Heart and Dart
73.320	<i>Agrotis clavis</i>	(Hufnagel, 1766)	Heart and Club
73.325	<i>Agrotis puta</i>	(Hübner, [1803])	Shuttle-shaped Dart
73.328	<i>Axyليا putris</i>	(Linnaeus, 1761)	Flame
73.329	<i>Ochropleura plecta</i>	(Linnaeus, 1761)	Flame Shoulder
73.333	<i>Diarsia mendica</i>	(Fabricius, 1775)	Ingrailed Clay
73.334	<i>Diarsia rubi</i>	(Vieweg, 1790)	Small Square-spot
73.336	<i>Cerastis rubricosa</i>	([Denis & Schiffermüller], 1775)	Red Chestnut
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
73.346	<i>Noctua interjecta</i>	Hübner, [1803]	Least Yellow Underwing
73.348	<i>Noctua janthe</i>	(Borkhausen, 1792)	Lesser Broad-bordered Yellow Underwing
73.359	<i>Xestia c-nigrum</i>	(Linnaeus, 1758)	Setaceous Hebrew Character
73.361	<i>Xestia triangulum</i>	(Hufnagel, 1766)	Double Square-spot
NOLIDAE			
74.003	<i>Nola cucullatella</i>	(Linnaeus, 1758)	Short-cloaked Moth
74.004	<i>Nola confusalis</i>	(Herrich-Schäffer, 1847)	Least Black Arches
74.007	<i>Bena bicolorana</i>	(Fuessly, 1775)	Scarce Silver-lines
74.008	<i>Pseudoips prasinana</i>	(Linnaeus, 1758)	Green Silver-lines
74.009	<i>Nycteola revayana</i>	(Scopoli, 1772)	Oak Nycteoline