



Moth trapping at Stillingfleet Lodge Nurseries (SE 589409) from June 2012 Onwards

Following a request from Mrs Vanessa Cook for representatives of Butterfly Conservation, Yorkshire Branch to attend a "Conservation Day" in the grounds of Stillingfleet Lodge it was agreed to install moth traps within the grounds and to display the catches to the visiting public at the event. As with much of the early summer in 2012 the weather was not very conducive to flying insects, although a reasonable number of specimens were caught and retained in small see-through containers to enable them to be viewed by the visitors. In spite of the damp conditions a good number of visitors did attend to support the stall set up by Butterfly Conservation, alongside several other attendee conservation groups. The following reports are written by David Baker who was accompanied on all the visits, unless noted otherwise, by David Laughlin.

The word "trap" alarms some people who associate the word with killing etc. However, no moths were harmed in the exercise and all were released after counting and, in this instance, displaying to other interested parties during the afternoon.

At the end of the day we agreed to carry out further trapping later on in the year and, perhaps in following years, to try to assess the species of moths flying in the area of the Lodge and the following lists show the results of further trapping at the site. The three 2012 sessions, separated by several weeks, showed a great variety of moths with repeat species being very few and a total of 94 species were recorded. 65 of these were macro-moths with a smaller number, i.e. 29, being micro-moths. 2012 results follow:-

Night 2012/1

The following results are of moths taken from 2 x MV moth traps set-up on the evening of **15 June** 2012 by David Baker and David Laughlin in the grounds of Stillingfleet Lodge.

<u>B/F NO.</u>	<u>Scientific Name</u>	<u>Vernacular Name</u>	<u>Number</u>
1133	Epinotia bilunana		1
1074	Celypha lacunana		4
1174	Epiblema cynosbatella		2
1334	Scoparia ambigualis		1
1356	Evergestis forficalis	Garden Pebble	2
1376	Eurrhpara hortulata	Small Magpie	2
0014	Hepialus humuli	Ghost Moth (fem)	1
0017	Hepialus lupulinus	Common Swift	6
1727	Xanthorhoe montanata	Silver-ground Carpet	2
1817	Eupithecia pulchellata	Foxglove Pug	1
1819	Eupithecia exiguata	Mottled Pug	1
1834	Eupithecia vulgata	Common Pug	1
1931	Biston betularia	Peppered Moth	2
1958	Lomographa temerata	Clouded Silver	2
1980	Smerinthus ocellata	Eyed Hawk-moth	1
2060	Spilosoma lubricipeda	White Ermine	1
2089	Agrotis exclamationis	Heart and Dart	2
2092	Agrotis puta puta	Shuttle-shaped Dart	1
2120	Diarsia mendica	Ingrailed Clay	2

2126	Xestia c-nigrum	Setaceous Hebrew Character	1
2306	Phlogophora meticulosa	Angle Shades	1
2337	Oligia strigilis	Marbled Minor	1
2340	Oligia fasciuncula	Middle-barred Minor	5
2441	Autographa gamma	Silver Y	3
2474	Rivula sericealis	Straw Dot	2

As this is our initial catch all are marked in **red** as newcomers.

Night 2012/2.

The following results are of moths taken from 2 x MV moth traps set up on the evening of Saturday **4 August 2012** in the grounds of Stillingfleet Lodge.

0411	Argyresthia goedartella		1
0873	Blastobasis adustella		1
0972	Pandemis heparana		4
0977	Archips podana		2
1036	Acleris forsskaleana		5
1063	Celypha striana		1
1076	Celypha lacunana		3
1175	Epiblema uddmaniana		1
1305	Agrophila tristella		6
1316	Catoptria falsella		4
1325	Platytes alpinella		1
1334	Scoparia ambigualis		1
1361	Pyrausta aurata		1
1388	Udea lutealis		3
1390	Udae prunalis		1
1405	Pleuroptya ruralis	Mother of Pearl	4
1413	Hypsopygia costalis	Gold Triangle	2
1417	Pylalis farinalis	Meal Moth	1
1424	Endotrycha flammealis		5
1439	Trachycera advenella		1
1470	Euzophera pinguis		2
1524	Emmelina monodacyla		<u>1</u>
1651	Cilix glaucata	Chinese Character	1
1702	Idaea biselata	Small Fan-footed Wave	12
1707	Idaea seriata	Small Dusty Wave	1
1708	Idaea dimidiata	Single-dotted Wave	5
1713	Idaea aversata	Riband Wave	12
1722	Xanthorhoe designata	Flame Carpet	4
1738	Epirrhoe alternata	Common Carpet	1
1887	Lomaspilis marginata	Clouded Border	2
1917	Selenia dentaria	Early Thorn	3
1937	Peribatodes rhomboidaria	Willow Beauty	1
1947	Ectropis bistortata	Engrailed	2
1955	Cabera pusaria	Common White Wave	1
1956	Cabera exanthemata	Common Wave	2
1991	Deilephila elpenor	Elephant hawk-moth	1
2030	Euproctis similis	Yellow-tail	2
2044	Eilema griseola	Dingy Footman	4
2049	Eilema depressa	Buff Footman	2
2050	Eilema lurideola	Common Footman	
2064	Phragmatobia fuliginosa	Ruby Tiger	1
2089	Agrotis exclamationis	Heart and Dart	5

2107	Noctua pronuba	Large Yellow Underwing	16
2109	Noctua comes	Lesser Yellow Underwing	1
2111	Noctua janthe	Lesser Broad-bordered Y U/wing	22
2128	Xestia triangulum	Double Square-spot	5
2160	Lacanobia oleracea	Bright-line Brown-eye	2
2193	Mythimna ferrago	Clay	1
2198	Mythimna impura	Smoky Wainscot	11
2321	Apamea monoglypha	Dark Arches	5
2322	Apamea lithoxylea	Light Arches	1
2335	Apamea scolopacina	Slender Brindle	3
2343x	Oligia strigilis	Common Rustic agg.	16
2381	Hoplodrina alsines	Uncertain	24
2489	Zanclognatha tirsipennalis	Fan-foot	2

As with the previous list, the majority of moths, being seasonal, are marked as "newcomers" in our first year.

Night 2012/3.

The following results are of moths taken from 2 x MV moth traps set up on the evening of Wednesday **5th September 2012** in the grounds of Stillingfleet Lodge.

0411	Argyresthia goedartella		1
1048	Acleris variegana		1
1279	Dichropampha acuminatana		1
1708	Idaea dimidiata	Single-dotted Wave	1
1722	Xanthorhoe designata	Flame Carpet	1
1768	Thera obeliscata	Grey Pine Carpet	1
1769	Thera brittanica	Spruce Carpet	1
1776	Colostygia pectinataria	Green Carpet	11
1914	Ennomos fuscantaria	Dusky Thorn	2
2087	Agrotis segetum	Turnip Moth	1
2102	Ochropleura plecta	Flame Shoulder	4
2107	Noctua pronuba	Large Yellow Underwing	19
2109	Noctua comes	Lesser Yellow Underwing	7
2123	Diarsia rubi	Small Square-spot	1
2126	Xestia c-nigrum	Setaceous Hebrew Character	10
2134	Xestia xanthographa	Square-spot Rustic	21
2198	Mythimna impura	Smoky Wainscot	1
2232	Aporophyla nigra	Black Rustic	1
2266	Agrochola litura	Brown-spot Pinion	3
2269	Atethmia centrago	Centre-barred Sallow	2
2274	Xanthia icteritia	Sallow	1
2297	Amphipyra pyramidea	Copper Underwing	2
2299	Amphipyra trogopoginis	Mouse Moth	2
2306	Phlogophera meticulosa	Angle Shades	2
2353	Luperina testacea	Flounced Rustic	1
2441	Autographa gamma	Silver Y	11
2474	Rivula sericealis	Straw Dot	3

Night 2013/1.

An initial session (2013/1) was carried out in April 2013 after the very cold winter/spring with a further 7 spring species being caught and the following results are of moths taken from 2 x MV moth traps set up on the evening of Tuesday **30th April 2013** in the grounds of Stillingfleet Lodge.

0006	Eriocrania subpurpurella		1
2139	Cerastis rubricosa	Red Chestnut	2
2182	Orthosia cruda	Small Quaker	4
2186	Orthosia gracilis	Powdered Quaker	2
2187	Orthosia cerasi	Clouded Drab	3
2190	Orthosia gothica	Hebrew Character	5
2243	Xylocampa areola	Early Grey	<u>2</u>

All the above moth species were new to the Stillingfleet list, being specifically spring species not living through to our 14 June date as adults.

Night 2013/2.

A second "Conservation Day" was held on 15th June 2013 when the moth-trapping sessions were repeated (2013/2). 11 new species of moth were recorded but overall numbers were slightly down on the 2012 results. A further species was found day-flying, see note! The following results are of moths taken from 2 x 125w MV moth traps and 1 x 15w actinic trap set on the evening of **14 June 2013** in the grounds of Stillingfleet Lodge.

0609	Elachista maculicerusella		1
1074	Celypha lacunana		5
1184	Hedya pruniana		1
1376	Eurrhpara hortulata	Small Magpie	4
0017	Hepialus lupulinus	Common Swift	4
1722	Xanthorhoe designata	Flame Carpet	1
1776	Colostygia pectinataria	Green Carpet	3
1870	Odezia atrata	Chimney Sweeper	**** 5
1904	Pogodis dolabraria	Scorched Wing	1
1920	Odoptera bidentata	Scalloped Hazel	3
1931	Biston betularia	Peppered Moth	1
1958	Lomographa temerata	Clouded Silver	2
1981	Laothoe populi	Poplar Hawk-moth	1
1991	Deilephila elpenor	Elephant Hawk-moth	1
2077	Pheosia tremula	Swallow Prominent	1
2011	Pterastoma palpina	Pale Prominent	1
2029	Calliteara pudibunda	Pale Tussock	1
2061	Spilosoma luteum	Buff Ermine	1
2089	Agrotis exclamationis	Heart and Dart	2
2102	Ochropleura plecta	Flame Shoulder	2
2120	Diarsia mendica	Ingrailed Clay	2
2326	Apamea crenata	Clouded Bordered Brindle	2
2340	Oligia fasciuncula	Middle-barred Minor	4
2450	Abrostola tripartita	Spectacle	1

******** The Chimney Sweeper is a regular day-time flyer in the grasses near to the pond.

Night 2013/3.

After such a poor spring the summer turned out much better and trapping session 2013/3 was held on the **10th August**. This was the best night yet with 32 new species (15micro, 17 macro) amongst the 233 specimens and the following are the results from 2 x 125w MV moth traps and 1x15w actinic trap set on the evening of 10 August 2013 in the grounds of Stillingfleet Lodge.

0294	Aspilapterix tringipennella		1
0411	Argyresthia goedartella		1
0425x	Yponomeuta padella/mallinellus		2
0453	Ypsolopha dentella	Honeysuckle Moth	3
0464	Plutella xylostella	Diamond-back Moth	2
0609	Elachista maculicerusella		1
0647	Hofmannophila pseudospretella	Brown House Moth	1
0888	Mompha propinquella		1
0970	Pandemis cerasana	Barred Fruit-tree Tortrix	2
0972	Pandemis heparana	Dark Fruit-tree Tortrix	4
1010	Ditula angustiorana	Red-barred Tortrix	2
1020	Cnephasia stephensiana	Grey Tortrix	4
1038	Acleris laterana		3
1048	Acleris variegana	Garden Rose Tortrix	2
1093	Apotomis betuletana		1
1134	Epinotia ramella		1
1294	Crambus pascuella		1
1304	Agriphila straminella		4
1305	Agriphila tristella		11
1316	Catoptria falsella		2
1358	Evergestis pallidata		1
1388	Udea lutealis		7
1390	Udea prunalis		4
1405	Pleuroptya ruralis		13
1439	Trachycera advenella		5
0015	Hepialus sylvina	Orange Swift	4
1646	Watsonalla binaria	Oak Hook-tip	1
1702	Idaea biselata	Small Fan-footed Wave	1
1713	Idaea aversata	Riband Wave	2
1722	Xanthorhoe designata	Flame Carpet	3
1725	Xanthorhoe ferrugata	Dark-barred Twin-spot Carpet	6
1726	Xanthorhoe quadrifasiata	Large Twin-spot Carpet	1
1738	Epirrhoe alternata	Common Carpet	1
1754	Eulithis prunata	Phoenix	1
1759	Ecliptopera silaceata	Small Phoenix	1
1825	Eupithecia centaureata	Lime-speck Pug	1
1913	Enommos alniaria	Canary-shouldered Thorn	1
1914	Ennomos fuscantaria	Dusky Thorn	2
1917	Selenia dentaria	Early Thorn	1
1937	Peribatoides rhomboidaria	Willow Beauty	2
1940	Deileptenia ribeata	Satin Beauty	1
1947	Ectropis bistortata	Engrailed	1
1956	Cabera examthemata	Common Wave	1
2000	Notodonta dromedarius	Iron Prominent	1
2006	Pheosia gnoma	Lesser Swallow Prominent	3
2007	Pheosia tremula	Swallow Prominent	1
2011	Pterostoma palpina	Pale Prominent	1
2044	Eilema griseola	Dingy Footman	3
2049	Eilema depressa	Buff Footman	1
2050	Eilema lurideola	Common Footman	1
2064	Phragmatobia fuliginosa	Ruby Tiger	3
2102	Ochropleura plecta	Flame Shoulder	3
2107	Noctua pronuba	Large Yellow Underwing	16
2110	Noctua fimbriata	Broad-bordered Yellow Underwing	1
2111	Noctua janthe	Lesser Bd-bord Yellow Underwing	31
2130	Xestia baja	Dotted Clay	1
2133	Xestia sexstrigata	Six-striped Rustic	17
2134	Xestia xanthographa	Square-spot Rustic	1
2198	Mythimna impura	Smoky Wainscot	1

2269	Atethmia centrigo	Centre-barred Sallow	1
2297	Amphipyra pyramidea	Copper Underwing	3
2318	Cosmia trapezina	Dun-bar	9
2321	Apamea monoglypha	Dark Arches	5
2343x	Apamea secalis agg	Common Rustic	7
2353	Luperina testacea	Flounced Rustic	1
2361	Hydraecia micacea	Rosy Rustic	3
2439	Plusia festucae	Gold Spot	3
2441	Autographa gamma	Silver Y	7

Night 2013/4.

Our final session of the year was on a cool and moonlit night of **14th September** and only 21 moths were caught. However, four of these were new to the site bringing the total species catch to 150 from 7 nights trapping.

0015	Hepialus sylvina	Orange Swift	1
1769	Thera brittanica	Spruce Carpet	1
1776	Colostygia pectinataria	Green Carpet	1
2102	Ochroleura plecta	Flame Shoulder	1
2107	Noctua pronuba	Large Yellow Underwing	4
2126	Xestia c-nigrum	Setaceous Hebrew Character	3
2134	Xestia xanthographa	Square-spot Rustic	1
2247	Dichinia aprilina	Merveille du Jour	1
2248	Dryobotes eremita	Brindled Green	1
2266	Agrochola litura	Brown-spot Pinion	2
2270	Omphloscelis lunosa	Lunar Underwing	3
2273	Xanthia togata	Pink-barred Sallow	2
2306	Phlogophera meticulosa	Angle Shades	2

Addendum

Mrs Cook found a single Herald moth on 9th August in a store room.

2469	Scoliopteryx libatrix	Herald	1
------	------------------------------	---------------	----------

Night 2014/1.

We were invited to repeat the exercise throughout 2014 and made a start on a cool April evening with session 2014/1. Unfortunately, problems with the trapping equipment meant that the results were very poor, although still comparable with my home catches. One new micro-moth was recorded, however.

The following results are of moths taken from 1 x MV moth trap set up on the evening of Saturday **26th April 2014** in the grounds of Stillingfleet Lodge. The new-to-site micro-moth (**in red**) was a bonus and brings the total species recorded at our moth-traps to a round figure of 150.

0320	Phyllonorycter quercifoliella		1
1722	Xanthorhoe designata	Flame Carpet	1
2187	Orthosia cerasi	Common Quaker	2
2188	Orthosia incerta	Clouded Drab	1
2190	Orthosia gothica	Hebrew Character	<u>6</u>

Night 2014/2

The warmer weather in May tempted us to try again on Saturday **31st May 2014** and this time we had more success with another new micro and seven new macros.

1036	Celypha lacunana		2
1133	Epinotia bilunana		1
1174	Epiblema cynosbatella		4
1176	Epiblema trimaculana		1
1654	Tethea ocularis	Figure of Eighty	2
1722	Xanthorhoe designata	Flame Carpet	1
1727	Xanthorhoe montanata	Silver-ground Carpet	2
1817	Eupithecia pulchatella	Foxglove Pug	1
1852	Eupithecia abbreviata	Brindled Pug	2
1887	Lomaspilis marginata	Clouded Border	1
1904	Plagodis dolabriaria	Scorched Wing	2
1906	Opisthograptis luteolata	Brimstone Moth	3
1931	Biston betularia	Peppered Moth	1
1956	Cabera exanthinata	Common Wave	2
1958	Lomographa temerata	Clouded Silver	2
1991	Deilephila elpenor	Elephant Hawk-moth	3
1994	Phalera bucephala	Buff-tip	1
1997	Furcula furcula	Sallow Kitten	1
2006	Pheosa gnoma	Lesser Swallow Prominent	1
2008	Ptilodon capucina	Coxcomb Prominent	1
2028	Calliteara pudibunda	Pale Tussock	2
2060	Spilosoma lubricipeda	White Ermine	2
2061	Spilosoma luteum	Buff Ermine	1
2089	Agrotis exclamationis	Heart and Dart	3
2092	Agrotis puta puta	Shuttle-shaped Dart	1
2098	Axylia putris	Flame	2
2102	Ochropleura plecta	Flame Shoulder	3
2120	Diarsia rubi	Small Square-spot	12
2126	estia c-nigrum	Setaceous Hebrew Character	1
2306	Phlogophora meticulosa	Angle Shades	1
2326	Apamea crenata	Clouded-bordered Brindle	3
2442	Autographa pulchrina	Beautiful Golden Y	1
2450	Abrostola tripartita	Spectacle	<u>2</u>

Night 2014/3

Vanessa had organised another event to coincide with National Insect Week on 29th June and we sallied forth once more (2014/3) to set the traps on the previous evening. Very disappointing indeed! We had to supplement our catches with home-caught specimens in order to show the visitors anything worth while. The following are the results of one evening's moth trapping on Saturday **28th June 2104** with 2 x 125w MV traps and 1 x 15w actinic trap. The trapping was carried out on the Saturday evening before the "Wildlife Day" held on Sunday 29th June which turned out to be a very poor night for moths. Specimens of the moths were with-held to show the visitors during the day and these were supplemented by a few species caught in our home traps during the same evening.

1076	Celypha lacunana		1
1293	Chrysoteuchia culmella	Garden Grass-veneer	1
1356	Evergestis forficalis	Garden Pebble	1
1513	Pterophorus pentadactyla	White Plume Moth	1
0014	Hepialus humuli	Ghost Moth	1
1708	Idaea dimidiata	Single-dotted Wave	1

1931	Biston betularia	Peppered Moth	3
1941	Alcis repandata	Mottled Beauty	3
2050	Eilema lurideola	Common Footman	3
2061	Spilosoma luteum	Buff Ermine	3
2089	Agrotis exclamationis	Heart and Dart	9
2098	Axylia putris	Flame	1
2107	Noctua pronuba	Large Yellow Underwing	6
2128	Xestia triangulum	Double Square-spot	2
2160	Lacanobia oleracea	Bright-line Brown-eye	3
2321	Apamea monoglypha	Dark Arches	1
2340	Oligia fasciuncula	Middle-barred Minor	1
2381	Hoplodrina alsines	Uncertain	5
2434	Diachrysia chrysitis	Burnished Brass	1

A very poor moth-night but, thankfully, the day's event was well attended and successful. I would like to thank my friend Lawrie King, a Butterfly Conservation member, for finding the White Plume Moth within the garden and bringing it to our attention. Not only a new find for the garden but the first I had seen for many years.

Night 2014/4

A spell of hot weather throughout most of July enticed us out again and after our respective holidays we turned up again on the evening of **26 July 2014**. WOW! We were inundated with moths, a total of 757 specimens were recorded and who knows how many got away. Suffice to say, we recorded 17 new species of Micros and 25 new species of macros. This was our first session in the month of July and the favourable weather certainly enabled us to catch many high summer moths as shown below.

0286	Caloptilia alchimiella		1
0293	Caloptilia syringella		1
0411	Argyresthia goedartella		5
0424	Yponomeuta evonymella		9
0453	Ypsolopha dentella	Honeysuckle Moth	2
0455	Ypsolopha scabrella		1
0464	Plutella xylostella	Diamond-back Moth	5
0658	Carcina quercana		2
0789	Bryotropha domestica		2
0873	Blastobasis adustella		5
0874	Blastobasis lacticolella		1
0905	Blastodacna hellerella		1
0969	Pandemis corylana	Chequered Fruit-tree Tortrix	1
0972	Pandemis heparana		2
1011	Pseodargyrotoza conwagana		4
1036	Acleris forsskaleana		2
1037	Acleris holmiana		2
1082	Hedya pruniana		1
1138	Epinotia nisella f.cineriana		1
1260	Cydia splendana		2
1261	Cydia pomonella	Codling Moth	5
1292	Calamotropha paludella		1
1293	Chrysoteucha culmella		4
1304	Agriphila straminella		3
1313	Catoptria pinella		1
1316	Catoptria falsella		5
1331	Acentria ephemerella	Water Veneer	3
1354	Cataclysta lemnata	Small China-mark	8
1358	Evergestis pallidata		4
1361	Pyrausta aurata		1

1405	Pleuroptya ruralis	Mother of Pearl	27
1413	Hypsopygia costalis	Gold Triangle	2
1415	Orthopygia glaucinalis		1
1424	Endotricha flammealis		6
1439	Trachycera advenella		2
1470	Euzophera pinguis		5
1645	Falcaria lacertiaria	Scalloped Hook-tip	1
1648	Drepana falcatoria	Pebble Hook-tip	4
1681	Cyclophora linearia	Clay Triple-lines	1
1682	Timandra comae	Blood-vein	2
1690	Scopula imitaria	Small Blood-vein	1
1702	Idaea biselata	Small fan-footed Wave	2
1708	Idaea dimidiata	Single-dotted Wave	4
1713	Idaea aversata	Riband Wave	9
1722	Xanthorhoe deignata	Flame Carpet	8
1725	Xanthorhoe ferrugata	Dark-barred Twin-spot Carpet	3
1726	Xanthorhoe quadrifasiata	Large Twin-spot Carpet	1
1738	Epirrhoe alternata	Common Carpet	6
1754	Eulithis prunata	Phoenix	3
1769	Thera britannica	Spruce Carpet	1
1802	Perizoma affinitata	Rivulet	1
1803	Perizoma alchimillata	Small Rivulet	2
1809	Perizoma didymata	Twin-spot Carpet	1
1839	Eupithecia succenturiata	Bordered Pug	1
1887	Lomospilis marginata	Clouded Border	1
1937	Peribatodes rhomboidaaria	Willow Beauty	2
1947	Ectropis bistortata	Engrailed	1
1956	Cabera exanthenata	Common Wave	1
1958	Lomographa temerata	Clouded Silver	1
1978	Hyloicus pinastri	Pine Hawk-moth	3
1981	Laothoe populi	Poplar Hawk-moth	1
1991	Deilephila elpenor	Elephant Hawk-moth	2
1997	Furcula furcula	Sallow Kitten	1
2000	Notodonta dromedarius	Iron Prominent	2
2003	Notodonta ziczac	Pebble Prominent	1
2011	Pterostoma palpina	Pale Prominent	2
2030	Euproctis similis	Yellow Tail	1
2031	Leucoma salisis	White Satin	2
2040	Cybosia mesomella	Four-dotted Footman	1
2044	Eilema griseola	Dingy Footman	47
2049	Eilema depressa	Buff Footman	8
2049	Eilema lurideola	Common Footman	9
2064	Phragmatoboa fuliginosa	Ruby Tiger	11
2089	Agrotis exclamationis	Heart and Dart	9
2092	Agrotis puta puta	Shuttle-shaped Dart	4
2102	Ochropleura plecta	Flame Shoulder	14
2107	Noctua pronuba	Large Yellow Underwing	263
2109	Noctua comes	Lesser Yellow Underwing	9
2110	Noctua fimbriata	Broad-bordered Yellow Underwing	1
2111	Noctua janthe	Lesser Broad-bordered Y.Underwing	24
2118	Lycophotia porphyrea	True Lover's Knot	1
2123	Diarsia rubi	Small Square-spot	19
2145	Dicestra trifolii	Nutmeg	3
2154	Mamestra brassicae	Cabbage	1
2198	Mythimna impura	Smoky Wainscot	2
2199	Mythimna pallens	Common Wainscot	1
2284x	Acronicta tridens/psi	Dark/Grey Dagger agg.	1
2293	Cryphia domestica	Marbled Beauty	3
2297	Amphipyra pyramidae...	Copper Underwing agg	4
2299	Amphipyra tragopogonis	Mouse Moth	2

2318	Cosmia trapezina	Dun-bar	9
2321	Apamea monoglypha	Dark Arches	7
2336	Apamea ophiogramma	Double Lobed	3
2341	Mesoligia furuncula	Cloaked Minor	2
2343x	Mesapamea secalis agg.	Common Rustic	73
2361	Hydraecia micacea	Rosy Rustic	1
2381	Hoplodrina alsines	Uncertain	15
2423	Nycteola revayana	Oak Nycteoline	1
2439	Plusia fesstucae	Gold Spot	3
2441	Autographa gamma	Silver Y	1
2449	Abrostola triplasia	Dark Spectacle	1
2450	Abrostola tripartita	Spectacle	1
2473	Laspeyria flexula	Beautiful Hook-tip	1
2474	Rivula sericalis	Straw Dot	2
2477	Hypena proboscidalis	Snout	1

Night 2014/5

After the spell of hot weather throughout most of July we were enticed out again with some trepidation on a cooler evening of **16th August 2014** and although we recorded 206 specimens there were only 3 new species this time. The following results show the moths caught and recorded using the 2 x 125w MV and 1x 15w actinic traps.

0411	Argyresthia goedartella		5
0455	Ypsolopha scabrella		1
0464	Plutella xylostella	Diamond-back Moth	5
0609	Elachista maculicerusella		1
0779	Bryotropha affinis		1
0873	Blastobasis adustella		5
0938	Agapeta zoegana		1
1011	Pseodargyrotoza conwagana		1
1076	Celypha lacunana		2
1134	Epinotia ramella		4
1260	Cydia splendana		2
1304	Agriphila straminella		1
1305	Agriphila tristella		3
1316	Catoptria falsella		1
1405	Pleuroptya ruralis	Mother of Pearl	1
1682	Timandra comae	Blood-vein	1
1722	Xanthorhoe deignata	Flame Carpet	2
1776	Colstygia pectinataria	Green Carpet	1
1893	Macaria liturata	Tawny-barred Angle	1
1913	Ennomos alniana	Canary-shouldered Thorn	2
1914	Ennomos fuscantaria	Dusky Thorn	2
1937	Peribatodes rhomboidaaria	Willow Beauty	1
2092	Agrotis puta puta	Shuttle-shaped Dart	2
2102	Ochropleura plecta	Flame Shoulder	43
2107	Noctua pronuba	Large Yellow Underwing	57
2109	Noctua comes	Lesser Yellow Underwing	1
2110	Noctua fimbriata	Broad-bordered Yellow Underwing	3
2111	Noctua janthe	Lesser Broad-bordered Y.Underwing	8
2011	Pterostoma palpina	Pale Prominent	1
2123	Diarsia rubi	Small Square-spot	10
2126	Xestia c-nigrum	Setaceous Hebrew Character	9
2133	Xestia sexstrigata	Six-striped Rustic	17
2134	Xestia xanthographa	Square-spot Rustic	3
2297	Amphipyra pyramidae...	Copper Underwings agg.	2
2299	Amphipyra tragopogonis	Mouse Moth	1
2321	Apamea monoglypha	Dark Arches	1

2343x	Mesapamea secalis agg.	Common Rustic	6
2439	Plusia fessutcae	Gold Spot	1
2450	Abrostola tripartita	Spectacle	1
2474	Rivula sericialis	Straw Dot	5

Night 2014/6

After the hot weather throughout most of July and then the cooler August we tried again at the end of a warmer first week of September. However, the night was cool and damp and the following results show the moths caught and recorded by on the evening of **6th September 2014**. Only the two 125w MV traps were used.

0411	Argyresthia goedartella		5
0970	Pandemis cerasana	Barred Fruit-tree Tortrix	1
1316	Catoptria falsella		1
1776	Colstygia pectinataria	Green Carpet	2
1825	Eupithecia centaureata	Lime-speck Pug	1
1914	Ennomos fuscantaria	Dusky Thorn	2
2102	Ochropleura plecta	Flame Shoulder	4
2107	Noctua pronuba	Large Yellow Underwing	3
2109	Noctua comes	Lesser Yellow Underwing	2
2126	Xestia c-nigrum	Setaceous Hebrew Character	5
2134	Xestia xanthographa	Square-spot Rustic	12
2274	Xanthia icteritia	Sallow	1
2299	Amphipyra tragopogonis	Mouse Moth	1
2306	Phlogophora meticulosa	Angle Shades	1
2353	Luperina testacea	Flounced Rustic	1
2474	Rivula sericealis	Straw Dot	1
2477	Hypena proboscidalis	Snout	4

Night 2014/7

After our sessions throughout the spring and summer we were enticed out again on a cold, open skied, October evening to try to record some of the late autumnal moths. The following results show the moths caught and recorded on the evening of **4th October 2014**. Again just the 2 x 125w MV traps were used. As expected on such a cool, open night the catch was small.

1760	Chloroclysta siterata	Red-green Carpet	1
2240	Lithophane leautieri	Blair's Shoulder-knot	2
2264	Agrochola macilenta	Yellow-line Quaker	1
2267	Agrochola lychnidis	Beaded Chestnut	1
2272	Tiliaecia aurago	Barred Sallow	<u>1</u>

Although only six specimens were recorded all five species were new to the site.

The running totals at the end of 2014 are now 70 micros and 143 macro species, i.e 213 species in our 14 sessions.

Night 2015/1

The following are the results of a fourth year's moth trapping at Swillington Lodge Nurseries. We commenced our trapping on **25th April 2015** with two 125w MV traps. After only counting a single moth in my trap at home I was wondering if the journey would be really necessary. However, although a small catch at least we had two newcomers.

1853	Eupithecia dodoneata	Oak-tree Pug	1
2015	Drymonia ruficornis	Lunar Marbled Brown	1
2182	Orthosia cruda	Small Quaker	1
2186	Orthosia gracilis	Powdered Quaker	6
2188	Orthosia incerta	Clouded Drab	3
2190	Orthosia gothica	Hebrew Character	7

Night 2015/2

We had agreed that a session per month through the season would be maintained if possible and turned up on 23rd May. The spring weather had not been very inviting for moths but we tried again and the results are as below.

1174	Notocelia cynosbatella		1
0017	Hepialus lupulinus	Common Swift	1
1727	Xanthorhoe montanata	Silver-ground Carpet	1
1802	Perizoma affinitata	Rivulet	1
1769	Thera britannica	Spruce Carpet	1
1904	Plagodis dolabraria	Scorched Wing	1
1981	Laothoe populi	Poplar Hawk-moth	3
2006	Pheosia gnoma	Lesser Swallow Prominent	1
2007	Pheosia tremula	Swallow Prominent	1
2060	Spilosoma lubricipeda	White Ermine	1
2092	Agrotis puta puta	Shuttle-shaped Dart	1
2102	Ochropleura plecta	Flame Shoulder	6
2123	Diarsia rubi	Small Square-spot	15
2243	Xyllocampa areola	Early Grey	1
2441	Autographa gamma	Silver Y	1

Night 2015/3

As was now usual, we set up our traps on the evening before the annual "Wildlife Day" event at Stillingfleet Nurseries to enable the best of the catches to be shown to the visitors on **Sunday 28 June**. The weather was favourable and a good catch was recorded, as shown below. We were rewarded with several new species and were able to show a very good representation of local moths to the visitors, both young and old. We were surprised to find moths such as Garden Carpet and Green Pug to be newcomers in our fifth year as they are very common at home.

0263	Lyonetia clerkella	Apple Leaf Miner	2
0647	Hofmannophila pseudospretella	Brown House Moth	1
0905	Blastodacna hellerella		1
0938	Agapeta zoegana		1
0970	Pandemis cerasana	Barred Fruit-tree Tortrix	4
0994	Clepsis consimilana		1
1076	Celypha lacunana		3
1083	Hedya nubiferana	Marbled Orchard Tortrix	2
1293	Chrysoteuchia culmella	Garden Grass-veneer	3
1316	Catoptria falsella		1
1376	Eurrhynx hortulana	Small Magpie	3
1483	Phycitodes binaevella		1
1657	Ochrapacha duplaris	Common Lutestring	1
1682	Timandra comae	Blood-vein	1
1702	Idaea biselata	Small Fan-footed Wave	1
1713	Idaea aversata ab.remutata	Riband Wave (non-banded)	6
1727	Xanthorhoe montanata	Silver-ground Carpet	6
1728	Xanthorhoe fluctuata fluctuata	Garden Carpet	2
1742	Campyogramma bilineata	Yellow Shell	1

1765	Cidaria fulvata	Barred Yellow	3
1819	Eupithecia exiguata	Mottled Pug	3
1834	Eupithecia vulgata	Common Pug	2
1860	Pasiphila rectangulata	Green Pug	2
1876	Hydrelia flammeolaria	Small Yellow Wave	1
1879	Lobophora halterata	Seraphim	1
1887	Lomaspilis marginata	Clouded Border	3
1904	Plagodis dolabraria	Scorched Wing	3
1906	Opisthograptis luteolata	Brimstone Moth	4
1931	Biston betularia	Peppered Moth	4
1937	Peribatodes rhomboidaria	Willow Beauty	3
1941	Alcis repandata	Mottled Beauty	3
1955	Cabera pusaria	Common White Wave	1
1958	Lomographa temerata	Clouded Silver	6
1981	Laothoe populi	Poplar Hawk-moth	2
1991	Deilephila elpenor	Elephant Hawk-moth	5
1994	Phalera bucephala	Buff-tip	4
2028	Callitera pudibunda	Pale Tussock	1
2044	Eilema griseola	Dingy Footman	1
2050	Eilema lurideola	Common Footman	3
2060	Spilosoma lubricipeda	White Ermine	3
2061	Spilosoma luteum	Buff Ermine	9
2087	Agrotis segetum	Turnip Moth	1
2089	Agrotis exclamationis	Heart and Dart	13
2098	Axylia putris	Flame	3
2102	Ochropleura plecta	Flame Shoulder	6
2107	Noctua pronuba	Large Yellow Underwing	1
2120	Diarsia mendica	Ingrailed Clay	3
2128	Xestia triangulum	Double Square-spot	9
2321	Apamea monoglypha	Dark Arches	2
2334	Apamea sordens	Rustic Shoulder-knot	1
2337x	Oligia strigilis agg.	Marbled Minor agg.	8
2340	Oligia fasciuncula	Middle-barred Minor	7
2343x	Mesapamea secalis agg.	Common Rustic agg.	1
2380	Charanyca trigrammica	Treble Lines	1
2381	Hoplodrina alsines	Uncertain	3
2397	Caradrina morpheus	Mottled Rustic	2
2410	Protodeltote pygarga	Marbled White Spot	1
2422	Pseudoips prasina	Green Silver-lines	2
2434	Diachrysis chrysis	Burnished Brass	1
2439	Plusia festucae	Gold Spot	1
2442	Autographa pulchrina	Beautiful Golden Y	1
2450	Abrostola tripartita	Spectacle	3
2469	Scoliopteryx libatrix	Herald	1
2473	Laspeyria flexula	Beautiful Hook-tip	1
2474	Rivula sericealis	Straw Dot	13

The newcomers are shown, as usual, in red. The colourful moths such as Green Silver-lines, Yellow Shell and Barred Yellow seem to catch the imagination of the visitors, particularly the children. Let's hope that some of them maintain an interest in our wonderful lepidoptera.

Night 2015/4

Now into July, hopefully now well into this recovery period for our Lepidopteran friends after a poor start to the year. The evening of **25th July** found us setting up again. Unfortunately our hopes were not fulfilled and the cool weather let us down. However, the relatively small catch did provide us with a few new species amongst the regulars.

0424	Yponomeuta evonymella	Bird-cherry Ermine	1
1302	Crambus perlella		1
1356	Evergestis forficalis	Garden Pebble	1
1708	Idaea dimidiata	Single-dotted Wave	2
1758	Eulithis pyraliata	Barred Straw	1
1921	Crocallis elinguaris	Scalloped Oak	1
1931	Biston betularia	Peppered Moth	1
2007	Pheosia tremula	Swallow Prominent	2
2058	Eilima lurideola	Common Footman	5
2089	Agrotis exclamationis	Heart and Dart	12
2098	Axylia putris	Flame	1
2107	Noctua pronuba	Large Yellow Underwing	18
2110	Noctua fimbriata	Broad-bordered Y/Underwing	2
2111	Noctua janthe	Lesser Br/bord. Y/Underwing	18
2128	Xestia triangulum	Double Square-spot	1
2130	Xestia baja	Dotted Clay	1
2155	Melanchra persicariae	Dot Moth	2
2160	Lacanobia oleracea	Bright-line Brown-eye	3
2173	Hadena bicruris	Lychnis	1
2193	Mythimna ferrago	Clay	3
2198	Mythimna impura	Smoky Wainscot	1
2199	Mythimna pallens	Common Wainscot	6
2216	Cucullia umbratica	Shark	1
2278	Acronicta magacephala	Poplar Grey	1
2318	Cosmia trapezina	Dun-bar	1
2321	Apamea monoglypha	Dark Arches	14
2322	Apamea lithoxylaea	Light Arches	3
2337x	Oligia strigilis agg.	Marbled Minor agg.	2
2343x	Mesapamea secalis agg.	Common Rustic agg.	23
2353	Luperina testacea	Flounced Rustic	1
2381	Hoplodrina alsines	Uncertain	31
2441	Autographa gamma	Silver Y	1
2474	Rivula sericealis	Straw Dot	1

Night 2015/5

Things had improved throughout the summer and our traps were set on the evening of **8th August** with hopes of a good recording session. The results below show that our hopes were not unfounded with some new species turning up amongst a large catch.

0411	Argyresthia goedartella		2
0424	Yponomeuta evonymella	Bird-cherry Ermine	8
0425x	Yponomeuta padella/malinellus		3
0453	Ypsolopha dentella	Honeysuckle Moth	2
0858	Hypatima rhomboidella		1
0938	Agapeta zoegana		9
0969	Pandemis corylana	Chequered Fruit-tree Tortrix	1
0970	Pandemis cerasana	Barred Fruit-tree Tortrix	1
0972	Pandemis heparana	Dark Fruit-tree Tortrix	6
1032	Aleimma loefligiana		1
1037	Acleris holmiana		2
1063	Celypha stirana		2
1205	Spilonota ocellana	Bud Moth	2
1260	Cydia splendana		1
1292	Calamotrpha paludella		1
1304	Agriphila straminella		2
1305	Agriphila tristella		6
1313	Catopria pinella		1

1316	Catoptria falsella		2
1358	Evergestis pallidata		1
1405	Pleuroptya ruralis	Mother of Pearl	33
1413	Hypsopygia costalis	Gold Triangle	5
1424	Endotricha flammealis		3
1439	Trachycera advenella		3
1479	Euzophera pinguis		2
0014	Hepalus humuli	Ghost Moth	2
1645	Falcaria lacertinaria	Scalloped Hook-tip	1
1648	Drepana falcatoria	Pebble Hook-tip	4
1690	Scopula imitaria	Small Blood-vein	1
1702	Idaea biselata	Small Fan-footed Wave	4
1708	Idaea dimideata	Single-dotted Wave	3
1713	Idaea aversata	Riband Wave	3
1713	Idaea aversata ab.remutata	Riband Wave (non banded)	14
1722	Xanthorhoe designata	Flame Carpet	1
1725	Xanthorhoe ferrugata	Dark-barred Twin-spot Carpet	4
1727	Xanthorhoe montanata	Silver-ground Carpet	1
1738	Epirrhoe alternata	Common Carpet	6
1759	Ecliptopera silaceata	Small Phoenix	1
1777	Hydriomena furcata	July Highflier	1
1803	Perizoma alchemillata	Small Rivulet	1
1887	Lomaspilis marginata	Clouded Border	5
1906	Orthiptograptis luteolata	Brimstone Moth	2
1917	Selenia dentaria	Early Thorn	1
1937	Peribatodes rhomboidaria	Willow Beauty	1
1956	Cabera exanthemata	Common Wave	2
2000	Notodonta dromedarius	Iron Prominent	1
2006	Pheosia gnoma	Lesser Swallow Prominent	4
2007	Pheosia tremula	Swallow Prominent	1
2013	Leucoma salicis	White Satin	1
2044	Eilema griseola	Dingy Footman	24
2047	Eilema complana	Scarce Footman	2
2050	Eilema lurideola	Common Footman	1
2064	Phragmatobia fuliginosa	Ruby Tiger	3
2089	Agrotis exclamationis	Heart and Dart	6
2089	Agrotis puta puta	Shuttle-shaped Dart	4
2102	Ochropleura plec ta	Flame Shoulder	14
2107	Noctua pronuba	Large Yellow Underwing	161
2109	Noctua comes	Lesser yellow Underwing	4
2110	Noctua fimbriata	Broad-bordered Y/Underwing	3
2111	Noctua janthe	Lesser Broad-bd. Y/Underwing	22
2112	Noctua interjecta	Least Yellow Underwing	1
2123	Diarsia rubi	Small Square-spot	14
2128	Xestia triangulum	Double Square-spot	4
2133	Xestia sexstrigata	Six-striped Rustic	26
2145	Discestra trifolii	Nutmeg	1
2160	Lanacobia oleracea	Bright-line Brown-eye	1
2166	Hadena rivularis	Campion	1
2193	Mythimna ferrago	Clay	1
2198	Mythimna impura	Smoky Wainscot	6
2199	Mythimna pallens	Common Wainscot	7
2216	Cucullia umbratica	Shark	1
2284x	Acronicta Tridens/psi	Dark/Grey Dagger agg.	1
2297	Amphipyra pyramidea agg,	Copper Underwing agg.	1
2318	Cosmia trapezina	Dun-bar	9
2321	Apamea monoglypha	Dark Arches	14
2340	Oligia fasciuncular	Middle-barred Minor	1
2343x	Mesapamea secalis agg	Common Rustic agg.	76
2352	Eremobia ochroleucha	Dusky Sallow	1

2353	Luperina testacea	Flounced Rustic	6
2381	Hoplodrina alsines	Uncertain	10
2384	Hoplodrina ambigua	Vine's Rustic	2
2439	Plusia festucae	Gold Spot	1
2449	Abrostola triplasia	Dark Spectacle	1
2474	Rivula sericealis	Straw Dot	1

Night 2015/6

On what we planned to be our final Saturday night's session of 2015 we set up on a slightly chilly evening of **26 September**. For the past few evenings our home catches had been very low after several cold nights and this evening seemed likely to follow the same trend. The results exceeded our expectations and even brought a couple of newcomers. There were no micros in the traps at all which was surprising. The results now follow:-

1760	Chloroclysta siterata	Red-green Carpet	1
1764	Chloroclysta truncata	Common Marbled Carpet	2
2107	Noctua pronuba	Large Yellow Underwing	1
2126	Xestia c-nigrum	Setaceous Hebrew Character	4
2134	Xestia xanthographa	Square-spot Rustic	8
2232	Aporophila nigra	Black Rustic	9
2248	Dryobotodes eremita	Brindled Green	1
2263	Agrochola lotta	Red-line Quaker	1
2266	Agrochola litura	Brown-spot Pinion	1
2267	Agrochola lychnidis	Beaded Chestnut	2
2270	Omphaloscelis lunosa	Lunar Underwing	4
2273	Xanthia togata	Pink-barred Sallow	6
2297	Amphipyra pyamidea	Copper Underwing	1
2306	Phlogophora meticulosa	Angle Shades	2
2361	Hydraecia micacea	Rosy Rustic	1
2441	Autographa gamma	Silver Y	6
2474	Rivula sericealis	Straw Dot	4

Whilst we appreciate that when visiting Stillingfleet Nurseries so sporadically we must miss many species of moths. Most of them have very short life-spans, possibly only one or two weeks, assuming they evade the many predators. Therefore our chances of catching them must, of course, be much less than our daily trapping sessions at home. However, we have increased our counts to 76 species of micro-moths and 169 species of macro-moths and hope to continue in 2016.

Night 2016/1

Once again it was our intention to carry out at least one visit per month throughout the mothing season of 2016 but because of the poor start to the year weather-wise the initial visit was not made until **23rd April**. With all due respect to William Shakespeare on the 400th anniversary of his death it was almost "Much ado about nothing" but with a total of 9 moths "All's well that ends well".

During 2015 a new numbering system was adopted by the mothing fraternity following a re-assessment of family groupings using modern identification techniques. Thus the Agassiz, Beavan and Heckford (ABH) system replaces the 16 year-old system of Bradley and Fletcher (BF).

73.242	Orthosia incerta	Clouded Drab	2
73.247	Orthosia gracilis	Powdered Quaker	1
73.249	Orthosia gothica	Hebrew Character	3
73.336	Cerastris rubicosa	Red Chestnut	3

Night 2016/2

The weather had improved a bit by the end of May and we turned up after a slightly warmer night to open the traps on Sunday **29th May** although our home traps had not been very forthcoming. The usual 125w traps were set in the greenhouse /garden area but a 3rd small 15w actinic was set up near the pond. The majority of the species caught were in the larger traps as was expected.

41.003	Blastobasis lacticolella		1
49.037	Clepsis spectrana	Cinnamon Tortrix	1
49.292	Notocelia cynosbatella		1
69.003	Laothao populi	Poplar Hawk-moth	1
70.053	Xanthorhoe designata	Flame Carpet	1
70.079	Thera brittanica	Spruce Carpet	1
70.183	Eupithecia vulgata	Common Pug	1
70.207	Lomaspilis marginata	Clouded Border	1
70.257	Menophra abruptaria	Waved Umber	2
72.015	Calliteara pudibunda	Pale Tussock	1
72.019	Spilosoma lutea	Buff Ermine	2
73.022	Plusia festucae	Gold Spot	1
73.264	Lacanobia phalssina	Pale-shouldered Brocade	1
73.267	Lacanobia oleracea	Bright-line Brown-eye	1
73.325	Agrotis puta puta	Shuttle-shaped Dart	4
73.333	Diarsia mendica	Ingrailed Clay	1
73.334	Diarsi rubi	Small Square-spot	6
74.004	Nola confusalis	Least Black Arches	1

So we captured and, of course, released one new micro-moth and 3 new macro-moths on the evening's trapping. The Least Black Arches being only the third specimen seen by me (DB) in 16 years of mothing, once at home, once in Scotland and now here at Stillingfleet.

Night 2016 /3

We returned a bit out of step on **10th June** because this year's "National Moth Nights" survey was scheduled for 9/10/11 June 2016 with a particular bias toward Hawk-moths. We were not disappointed and recorded 3 species of Hawk-moths as detailed below. Vanessa greeted us on the Saturday evening with a warning of a very poor weather forecast and, in fact, some rain did fall but not sufficient to dampen the spirits of many local moths.

18.001	Plutella xylostella	Diamond-back Moth	70
49.039	Epiphyas postvittana	Light Brown Apple Moth	2
49.166	Celypha lacunana		2
49.254	Epinotia bilunana		1
49.292	Notocelia cynosbatella		1
49.313	Dichrorampha acuminatana		1
03.002	Korscheltellus lupulina	Common Swift	4
63.025	Anania hortulata	Small Magpie	3
65.005	Drepana falcatoria	Pebble Hook-tip	1
65.010	Tethea ocularis	Figure of Eighty	1
65.013	Ochropacha duplaris	Common Lutestring	1
69.002	Smerinthus ocellata	Eyed Hawk-moth	1
69.003	Laothoe populi	Poplar Hawk-moth	4
69.016	Deilephila elpenor	Elephant Hawk-moth	1
70.053	Xanthorhoe designata	Flame Carpet	1
70.054	Xanthorhoe montanata	Silver-ground Carpet	3
70.079	Thera britannica	Spruce Carpet	2
70.100	Colostygia pectinataria	Green Carpet	3

70.133	Perizoma alchemillata	Small Rivulet	3
70.184	Eupithecia exiguata	Mottled Pug	1
70.222	Petrophora chlorosata	Brown Silver-line	1
70.224	Plagodis dolabraria	Scorched Wing	4
70.226	Opisthograptis luteolata	Brimstone Moth	1
70.252	Biston betularia	Peppered Moth	2
70.258	Peribatodes rhomboidaria	Willow Beauty	1
70.277	Cabera pusaria	Common White Wave	1
70.280	Lomographa temerata	Clouded Silver	6
71.012	Notodonta dromedarius	Iron Prominent	1
71.017	Pheosia tremula	Swallow Prominent	3
71.025	Phalera bucephala	Buff-tip	1
72.002	Rivula sericealis	Straw Dot	1
72.015	Calliteara pudibunda	Pale Tussock	4
72.019	Spilosoma lutea	Buff Ermine	3
72.020	Spilosoma lubricipeda	White Ermine	2
73.046	Subacronicta megacephala	Poplar Grey	1
73.101	Charanyca trigrammica	Treble Lines	1
73.156	Apamea crenata	Clouded-bordered Brindle	1
73.158	Apamea sordens	Rustic Shoulder-knot	3
73.173x	Oligia strigilis agg.	Marbled Minor agg.	4
73.176	Oligia fasciuncula	Middle-barred Minor	4
73.267	Lacanobia oleracea	Bright-line Brown-eye	1
73.317	Agrotis exclamationis	Heart and Dart	9
73.328	Axylia putris	Flame	3
73.329	Ochropleura plecta	Flame Shoulder	7
73.333	Diarsia mendica	Ingrailed Clay	3
73.334	Diarsia rubi	Small Square-spot	8
73.342	Noctua pronuba	Large Yellow Underwing	2
73.359	Xestia c-nigrum	Setaceous Hebrew Character	1

47 species were gathered in, and around, the 2 traps with 3 newcomers (in red), all of which are very common to the area and it was a surprise, when added to the list, to find that we had not seen them here before. We now look forward to the Wildlife Day on 26 June.

Night 2016 /4

Our three traps were set up in their usual spots on the night of **Saturday 25th June** prior to Wildlife Day. The evening was very wet on site following a storm around 1830 hrs and more rain was imminent but, hopefully, over a shorter period, then it was likely to remain fair throughout the night. In the morning it had faired up and we were treated to a very sunny and warm day for the arrival of around 200 visitors. The overall catch, although lower than hoped for, gave sufficient samples of species to show to the visitors, and around 70 children, with their respective guardians, examined the moths, mostly with a genuine and keen interest.

18.001	Plutella xylostella	Diamond-back Moth	1
28.010	Hofmannophila pseudospretella	Brown House-moth	1
49.026	Pandemis heparana	Dark Fruit-tree Tortrix	1
49.039	Epiphyas postvittana	Light Brown Apple Moth	2
49.156	Hedya nubiferana	Marbled Orchard Tortrix	1
49.157	Hedya pruniana	Plum Tortrix	1
49.161	Celypha striana		1
49.294	Notocelia uddmanniana	Bramble Shoot Moth	1
63.025	Anania hortulata	Small Magpie	1
63.037	Udea olivalis		1
63.064	Scoparia ambigualis		1
63.089	Agriphila tristella		1

69.002	Smerinthus ocellata	Eyed Hawk-moth	1
69.003	Laothoe populi	Poplar Hawk-moth	2
70.016	Idaea aversata	Riband Wave	2
70.029	Timandra comae	Blood-Vein	1
70.054	Xanthorhoe montanata	Silver-ground Carpet	6
70.079	Thera britannica	Spruce Carpet	1
70.151	Eupithecia pulchellata	Foxglove Pug	1
70.184	Eupithecia exiguata	Mottled Pug	1
70.207	Lomaspilis marginata	Clouded Border	3
70.224	Plagodis dolabraria	Scorched Wing	4
70.226	Opisthograptis luteolata	Brimstone Moth	2
70.252	Biston betularia	Peppered Moth	1
70.258	Peribatodes rhomboidaria	Willow Beauty	2
70.265	Alcis repandata	Mottled Beauty	3
70.280	Lomographa temerata	Clouded Silver	1
70.283	Campaea margaritaria	Light Emerald	3
71.017	Pheosia tremula	Swallow Prominent	1
71.020	Pterostoma palpina	Pale Prominent	1
71.025	Phalera bucephala	Buff-tip	1
72.002	Rivula sericealis	Straw Dot	1
72.019	Spilosoma lutea	Buff Ermine	9
72.020	Spilosoma lubricipeda	White Ermine	2
72.045	Eilema lurideola	Common Footman	2
72.055	Herminia grisealis	Small Fan-foot	1
73.012	Diachrysia chrysis	Burnished Brass	1
73.016	Autographa pulchrina	Beautiful Golden Y	1
73.162	Apamea monglypha	Dark Arches	1
73.173x	Oligia strigilis agg.	Marbled Minor agg.	2
73.176	Oligia fasciuncula	Middle-barred Minor	1
73.267	Lacanobia oleracea	Bright-line Brown-eye	3
73.291	Mythimna pallens	Common Wainscot	1
73.317	Agrotis exclamationis	Heart and Dart	13
73.328	Axylia putris	Flame	3
73.333	Diarsia mendica	Ingrailed Clay	4
73.342	Noctua pronuba	Large Yellow Underwing	9
73.359	Xestia c-nigrum	Setaceous Hebrew Character	4
73.361	Xestia triangulum	Double Square-spot	4

The session brought a further 3 newcomers to our lists, highlighted in red, but I will leave our full count-up until the end of the season.

Night 2016/5

At last we have a spell of warmer weather and Vanessa and John have had to travel down south. Well:- I suppose someone has to go down there at some time or other.

We two Davids stayed up here in God's Own County and set the 3 traps in their usual locations at around 1900 hrs. on **16th July**, returning at 0800 hrs on Sunday to check the results. Thus followed a fairly long counting and releasing session leading to the following results.

16.002x	Yponomeuta padella/malinellus		4
17.003	Ypsolopha dentella	Honeysuckle Moth	1
18.001	Plutella xylostella	Diamond-back Moth	1
28.014	Crassa unitella		1
31.001	Carcina quercana		2
49.004	Ditula angustiorana	Red-barred Tortrix	2
49.024	Pandemis corylana	Chequered Fruit-tree Tortrix	1
49.038	Clepsis consimilana		1
49.050	Cnephasia stephensiana	Grey Tortrix	1
49.061	Acleris holmiana		1

49.109	Agapeta hamana		2
49.156	Hedya nubiferana	Marbled Orchard Tortrix	3
49.158	Hedya ochroleucana		1
49.166	Celypha lacunana		4
50.002	Zeuzera pyrina	Leopard Moth	1
62.075	Hypsopygia costalis	Gold Triangle	6
63.025	Anania hortulata	Small Magpie	4
63.057	Evergestis forficalis	Garden Pebble	1
63.060	Evergestis pallidata		1
63.089	Agriphila tristella		2
63.093	Agriphila straminella		1
65.007	Cilix glaucata	Chinese Character	1
65.008	Thyatira batis	Peach Blossom	1
70.011	Idaea dimidiata	Single-dotted Wave	2
70.013	Idaea biselata	Small Fan-footed Wave	5
70.016	Idaea aversata	Riband Wave	11
70.049	Xanthorhoe fluctuata fl.	Garden Carpet	2
70.074	Hydriomena furcata	July Highflier	2
70.085	Cidaria fulvata	Barred Yellow	3
70.089	Eulithis prunata	Phoenix	2
70.093	Gandaritis pyraliata	Barred Straw	3
70.097	Dysstroma truncata	Common Marbled Carpet	1
70.133	Perizoma alchemillata	Small Rivulet	1
70.144	Pasiphila rectangulata	Green Pug	1
70.207	Lomaspilis marginata	Clouded Border	6
70.226	Gonepteryx rhamni	Brimstone	2
70.241	Crocallis elinguaris	Scalloped Oak	3
70.243	Ourapteryx sambucaria	Swallow-tailed Moth	1
70.252	Biston betularia	Peppered Moth	3
70.265	Alcis repandata	Mottled Beauty	5
70.270	Ectropis bistortata	Engrailed	1
70.280	Lomographa temerata	Clouded Silver	2
70.283	Campaea margaritaria	Light Emerald	1
70.299	Geometra papilionaria	Large Emerald	1
71.025	Phalera bucephala	Buff-tip	2
72.002	Rivula sericealis	Straw Dot	2
72.009	Leucoma salicis	White Satin	1
72.044	Eilema griseola	Dingy Footman	1
72.045	Eilema lurideola	Common Footman	29
72.053	Herminia tarsipennalis	Fan-foot	5
72.069	Laspeyria flexula	Beautiful Hook-tip	3
73.001	Abrostola tripartita	Spectacle	2
73.012	Diachrysis chrysis	Burnished Brass	4
73.015	Autographa gamma	Silver Y	2
73.037x	Acronicta tridens/psi	Dark Dagger / Grey Dagger	1
73.046	Subacronicta megacephala	Poplar Grey	1
73.092	Caradrina morpheus	Mottled Rustic	2
73.095	Caradrina clavipalpis	Pale Mottled Willow	1
73.096x	Hoplodrina alsines/blanda	Uncertain/Rustic agg.	27
73.160	Apamea scolopacina	Slender Brindle	1
73.162	Apamea monoglypha	Dark Arches	7
73.163	Apamea lithoxylaea	Light Arches	3
73.169x	Mesapamea secalis agg.	Common Rustic agg.	14
73.173x	Oligia strigilis agg.	Marbled Minor agg.	11
73.216	Cosmia trapezina	Dun-bar	2
73.267	Lacanobia oleracea	Bright-line Brown-eye	2
73.270	Melanchra persicariae	Dot Moth	4
73.291	Mythimna pallens	Common Wainscot	7
73.293	Mythimna impura	Smoky Wainscot	2

73.317	Agrotis exclamationis	Heart and Dart	12
73.329	Ochropleura plecta	Flame Shoulder	2
73.342	Noctua pronuba	Large Yellow Underwing	37
73.361	Xestia triangulum	Double Square-spot	2
73.368	Naenia typica	Gothic	1
74.003	Nola cucullatella	Short-cloaked Moth	1

As can be seen from the lists we managed to record 10 newcomers from amongst the 74 species (almost 300 specimens) in and around the traps. It seems a pity that Vanessa did not manage to see the Leopard and/or the Peach Blossom first hand as they are both very distinctive moths. Another visit is planned for August to continue our recording at the nursery site.

Night 2016/6

The **15th August** event turned out to be a "Royal Command" visit to enable the young Prince Casper and Prince Felix to be present at the opening. They were staying with Grandma for a few days and always look forward to the event. My usual pal Dave was on his holiday break and so I had to find a substitute. Who better than my own grand-daughter, Princess Trinny. The young ones worked together in carrying out the useful job of returning the moths to the safety of the nearby foliage. The safely returned moths made up the following list.

15.028	Parornix anglicella		4
35.018	Hypatima rhomboidella		1
49.024	Pandemis corylana	Chequered Fruit-tree Tortrix	1
49.039	Epiphyas postvittana	Light Brown Apple Moth	3
49.077	Acleris variegana	Garden Rose Tortrix	2
49.109	Agapeta hamana		1
49.110	Agapeta zoegana		1
49.214	Ancylis badiana		1
70.011	Idaea dimidiata	Single-dotted Wave	4
70.053	Xanthorhoe designata	Flame Carpet	3
70.205	Abraxas grossulariata	Magpie Moth	1
70.226	Opisthographa luteolata	Brimstone Moth	1
70.258	Peribatodes rhomboidaria	Willow Beauty	1
71.017	Pheosia tremula	Swallow Prominent	4
71.018	Pheosia gnoma	Lesser Swallow Prominent	7
72.002	Rivula sericealis	Straw Dot	4
72.044	Eilema griseola	Dingy Footman	2
73.001	Abrostola tripartita	Spectacle	1
73.022	Plusia festucae	Gold Spot	3
73.119	Helotropha leucostigma	Crescent	1
73.123	Hydraecia micacea	Rosy Rustic	2
73.128	Amphipoea oculatea	Ear Moth	1
73.131	Luperina testacea	Flounced Rustic	1
73.169x	Mesapamea secalis agg.	Common Rustic agg.	3
73.334	Diarsia rubi	Small Square-spot	3
73.342	Noctua pronuba	Large Yellow Underwing	19
73.348	Noctua janthe	Lesser Broad-bordered Y. Underwing	6
73.358	Xestia sexstrigata	Six-striped Rustic	7

Even though last evening's weather had not been too kind to us there were five new species to add to our list for the site, as shown in red.

Night 2016/7

After several warm evenings with some large home catches we set up 2 traps on the evening of **10th September**. The forecast was for a dry but cooler night. The forecast was correct

and we returned on the cool, (c.9 degrees), Sunday morning to find one trap with a failed bulb. Not knowing how long the bulb had been lit we opened up to find that it, thankfully, must have lasted well into the early morning. The main bonus was that the "questionable" trap contained a migrant moth which had not been recorded on-site, nor had either of us recorded it at home. The moth in question was a Small Mottled Willow. There was also a melanic White-spotted Pug in the same trap. So all was not lost and these two were the only newcomers in the catch. The majority of the usual few micro-moths refrained from venturing forth and only the Light Brown Apple Moth was recorded. The full list is shown below.

49.039	<i>Epiphyas postvittana</i>	Light Brown Apple Moth	3
70.100	<i>Colostygia pectinataria</i>	Green Carpet	2
70.160	<i>Eupithecia tripunctaria(mel)</i>	White-spotted Pug	1
70.234	<i>Ennomos alniaria</i>	Canary-shouldered Thorn	1
72.002	<i>Rivula sericealis</i>	Straw Dot	1
73.015	<i>Autographa gamma</i>	Silver Y	1
73.087	<i>Spodoptera exigua</i>	Small Mottled Willow	1
73.186	<i>Agrochola lychnidis</i>	Beaded Chestnut	2
73.193	<i>Omphaloscelis lunosa</i>	Lunar Underwing	1
73.233	<i>Aporophyla nigra</i>	Black Rustic	2
73.291	<i>Mythimna pallens</i>	Common Wainscot	1
73.329	<i>Ochropleura plecta</i>	Flame Shoulder	1
73.334	<i>Diarsia rubi</i>	Small Square-spot	2
73.342	<i>Noctua pronuba</i>	Large Yellow Underwing	11
73.343	<i>Noctua fimbriata</i>	Broad-bordered Yellow U/wing	1
73.345	<i>Noctua comes</i>	Lesser Yellow Underwing	1
73.357	<i>Xestia xanthographa</i>	Square-spot Rustic	7
73.359	<i>Xestia c-nigrum</i>	Setaceous Hebrew Character	11

Night 2016/8

As hoped for at the start of the year, we did manage a visit per month throughout what we consider is generally the main mothing season and our final visit was on the **8th October**. From November until late February there are not many moths in flight and so no further visits are to be made in 2016. The evening temperature remained reasonable and was dry.

We had only made one October visit previously, this being on 4th October 2014 on a cool open night and had a small catch of 6 moths. We, therefore, hoped for a better result this time and were not disappointed. A catch of 55 specimens and 19 species was more than acceptable and a further 4 species, shown in red, were added to our Stillingfleet list.

49.077	<i>Acleris variegana</i>	Garden Rose Tortrix	1
70.079	<i>Thera britannica</i>	Spruce Carpet	1
70.095	<i>Chloroclysta siterata</i>	Red-Green Carpet	2
73.095	<i>Caradrina clavipalpis</i>	Pale Mottled Willow	2
70.107x	<i>Epirrita dilutata agg.</i>	November Moth agg.	4
73.113	<i>Phlogophora meticulosa</i>	Angle Shades	1
73.134	<i>Rhizedra lutosa</i>	Large Wainscot	1
73.180	<i>Tiliacea aurago</i>	Barred Sallow	2
73.181	<i>Xanthia togata</i>	Pink-barred Sallow	4
73.186	<i>Agrochola lychnidis</i>	Beaded Chestnut	11
73.189	<i>Agrochola lota</i>	Red-line Quaker	2
73.190	<i>Agrochola macilenta</i>	Yellow-line Quaker	9
73.193	<i>Omphaloscelis lunosa</i>	Lunar Underwing	2
73.195	<i>Conistra ligula</i>	Dark Chestnut	2
73.210	<i>Eupsilia transversa</i>	Satellite	2
73.224	<i>Gripesia aprilina</i>	Merveille du Jour	1

73.233	Aporophyla nigra	Black Rustic	6
73.342	Noctua pronuba	Large Yellow Underwing	1
73.357	Xestia xanthographa	Square-spot Rustic	1

The running totals are now 83 micros and 192 macros thus making a grand total of 275 species. As previously mentioned with such a small percentage of available nights being utilised for our recording there are many, many more species which we have missed. Perhaps 2017 will enable a good number of new additions, only time will tell.

Night 2017/1

We started in February for the first time at Stillingfleet in the hope of recording some early Spring moths and were pleased to catch a reasonable selection. On the morning of Sunday 26 February the following were recorded of which 5 were new species to the site list.

49.044	Tortricodes alternella		1
70.245	Alsophila aescularia	March Moth	1
70.247	Phigalia pilosaria	Pale Brindled Beauty	4
70.255	Agriopis marginaria	Dotted Border	1
73.194	Conistra vaccinii	Chestnut	5
73.244	Orthosia cerasi	Common Quaker	2
73.249	Orthosia gothica	Hebrew Character	2

Night 2017/2

After a very mild spell we set up on Saturday evening of **25th March** with the promise of a very cold, although shorter, night from the TV forecasters on the final day of "Winter-time".

They were correct: After scraping the car windscreen at home at 0730 on Sunday we then found a silvery frost on the grass in the car-park area at the Nurseries. However, moths do not acknowledge "British Summer Time" and know full well that there is no such thing as a lost, or even an extra, hour. Our catch was far better than we expected and we recorded 10 species of macro-moth, with a total of 78 specimens, two species of which were new to the site as shown below in red.

70.066	Earophila badiata	Shoulder Stripe	1
70.237	Selenia dentaria	Early Thorn	3
73.069	Xylocampa areola	Early Grey	2
73.210	Eupsilia transversa	Satellite	1
73.242	Orthosia incerta	Clouded Drab	18
73.244	Orthosia cerasi	Common Quaker	30
73.245	Orthosia cruda	Small Quaker	5
73.249	Orthosia gothica	Hebrew Character	15
73.250	Anorthoa munda	Twin-spotted Quaker	2
73.336	Cerastis rubricosa	Red Chestnut	1

Night 2017/3

Our objective of visiting every month through the season was quickly put on hold as April turned out to be a very cold and unproductive month for moths. We held off until Saturday 6th May hoping for a better evening. Although we only recorded 6 moths there were 6 separate species and two, Pine Beauty and the White-shouldered House Moth, were new to the site. Let's hope that the Bank Holiday weekend of 27th May is much warmer and conducive to moths.

02.001	Dyseriocrania subpurpurella		1
--------	-----------------------------	--	---

28.009	Endrosis sarcitrella	White-shouldered House Moth	1
65.007	Cilix glaucata	Chinese Character	1
70.052	Xanthoryoe ferrugata	Dark-barred Twin-spot Carpet	1
71.018	Pheosia gnoma	Lesser Swallow Prominent	1
73.241	Paneolis flammea	Pine Beauty	1

Night 2017/4

On this occasion, 27th May, we set up on warm but windy night and left for home wondering whether the moths would be put of by the wind. My catch at home next morning was certainly depleted and I picked David up to find that his was just the same. However, on arrival at Stillingfleet we checked the "greenhouse area" trap and found a goodly selection of resting specimens on the surrounding vegetation, fencing etc. and our spirits were lifted. As we tidied up the cabling etc. we were joined by Vanessa and her grandsons Casper and Felix to carry out the moth-count. We were soon introduced to "Percy", the Poplar Hawk-moth, and many of his friends. In total we recorded 11 species of micros of which 3 were new to site and 42 species of macros of which 6 species were newcomers.

12.016	Nemapogon cloacella	Cork Moth	1
15.009x	Caloptilia alchimiella/robustella		1
15.015	Aspilapteryx tringipennella		1
18.001	Plutella xylostella	Diamond-back Moth	1
20.005	Argyresthia trifasciata		1
49.091	Pseudargyrotoza conwagana		1
49.166	Celypha lacunana		2
49.254	Epinotia bilunana		1
49.292	Notocelia cynosbatella		3
62.028	Dioryctria abietella		1
63.025	Anania hortulata	Small Magpie	5
65.005	Drepana falcatoria	Pebble Hook-tip	1
65.007	Cilix glaucata	Chinese Character	1
65.010	Tethea ocularis	Figure of Eighty	1
69.002	Smerinthus ocellata	Eyed Hawk-moth	2
69.003	Laothoe populi	Poplar Hawk-moth	7
70.029	Timandra comae	Blood-vein	2
70.052	Xanthorhoe ferrugata	Dk-bd Twin-spot Carpet	2
70.054	Xanthorhoe montanata	Silver-ground Carpet	7
70.133	Perizoma alchemillata	Small Rivulet	1
70.184	Eupithecia exiguata	Mottled Pug	1
70.224	Plagodis dolabraria	Scorched Wing	3
70.226	Opisthograptis luteolata	Brimstone Moth	12
70.252	Biston betularia	Peppered Moth	3
70.277	Cabera pusaria	Common White Wave	1
70.279	Lomographa bimaculata	White-pinion Spotted	1
70.280	Lomographa temerata	Clouded Silver	8
71.010	Drymonia dodonaea	Marbled Brown	1
71.013	Notodonta ziczac	Pebble Prominent	2
71.017	Pheosia tremula	Swallow Prominent	1
72.002	Rivula sericealis	Straw Dot	6
72.015	Calliteara pudibunda	Pale Tussock	4
72.019	Spilosoma lutea	Buff Ermine	7
72.020	Spilosoma lubricipeda	White Ermine	9
72.049	Eilema sororcula	Orange Footman	2
73.015	Autographa gamma	Silver Y	9
73.022	Plusia festucae	Gold Spot	2
73.045	Acronicta rumicis	Knot Grass	1

73.113	Phlogophora meticulosa	Angle Shades	1
73.156	Apamea crenata ab. combusta	Clouded-bordered Brindle	2
73.158	Apamea sordens	Rustic Shoulder-knot	4
73.173x	Oligia strigilis agg.	Marbled Minor agg.	7
73.176	Oligia fasciuncula	Middle-barred Minor	7
73.264	Lacanobia thalassina	Pale-shouldered Brocade	1
73.267	Lacanobia oleracea	Bright-line Brown-eye	1
73.276	Sideridis rivularis	Campion	1
73.282	Hadena compta	Varied Coronet	1
73.317	Agrotis exclamationis	Heart and Dart	6
73.328	Axylia putris	Flame	4
73.329	Ochropleura plecta	Flame Shoulder	18
73.334	Diarsia rubi	Small Square-spot	9
73.359	Xestia c-nigrum	Setaceous Hebrew Character	5
74.008	Pseudoips prasinana britannica	Green Silver-lines	1

Night 2017/5

This year's Conservation Day was on the 18th June. We set up our on a warm evening of **17th June** looking forward to a good catch to show off on what promised to be a very warm day. And what a day it turned out to be; very, very hot and probably too hot for some of the prospective visitors.

The moth catch was good and we started the day with many specimens for display and discussion. However, we found it difficult to keep the moths cool, persevering until around 1500 hrs at which point we decided to release the moths into the cooler undergrowth. Unfortunately several had died and many seemed distressed. The catch is listed below and newcomers to the site are shown in red as usual.

20.012	Argyresthia goedartella		1
21.001	Lyonetia clerkella	Apple Leaf Miner	1
49.038	Clepsis consimilana		4
49.059	Tortrix viridana	Green Oak Tortrix	2
49.091	Pseudargyrotoza conwagana		4
49.109	Agapeta hamana		4
49.156	Hedya nubiferana	Marbled Orchard Tortrix	2
49.161	Celypha striana		1
49.166	Celypha lacunana		4
49.265	Eucosma cana		2
62.001	Aphomia sociella	Bee Moth	1
63.025	Anania hortulata	Small Magpie	5
63.037	Udea olivalis		2
63.080	Chrysoteuchia culmella	Garden Grass-veneer	2
65.008	Thyatira batis	Peach Blossom	1
65.010	Tethea ocularis	Figure of Eighty	1
69.003	Laothoe populi	Poplar Hawk-moth	3
69.016	Deilephila elpenor	Elephant Hawk-moth	1
70.016	Idaea aversata	Riband Wave	2
70.016	Idaea aversata ab. remutata	Riband Wave [non-banded form]	3
70.053	Xanthorhoe designata	Flame Carpet	2
70.054	Xanthorhoe montanata	Silver-ground Carpet	3
70.085	Cidaria fulvata	Barred Yellow	1
70.093	Gandaritis pyraliata	Barred Straw	1
70.138	Perizoma flavofasciata	Sandy Carpet	1
70.144	Pasiphila rectangulata	Green Pug	3
70.224	Plagodis dolabraria	Scorched Wing	2
70.226	Opisthograptis luteolata	Brimstone Moth	2
70.258	Peribatodes rhomboidaria	Willow Beauty	3
70.265	Alcis repandata	Mottled Beauty	3
70.277	Cabera pusaria	Common White Wave	1

70.280	Lomographa temerata	Clouded Silver	7
70.283	Campaea margaritaria	Light Emerald	2
72.002	Rivula sericealis	Straw Dot	4
72.003	Hypena proboscidalis	Snout	1
72.019	Spilosoma lutea	Buff Ermine	9
72.045	Eilema lurideola	Common Footman	1
72.053	Herminia tarsipennalis	Fan-foot	1
72.055	Herminia grisealis	Small Fan-foot	3
72.069	Laspeyria flexula	Beautiful Hook-tip	1
73.015	Autographa gamma	Silver Y	1
73.022	Plusia festucae	Gold Spot	1
73.024	Deltote pygarga	Marbled White Spot	1
73.114	Euplexia lucipara	Small Angle Shades	1
73.156	Apamea crenata	Clouded-bordered Brindle	4
73.158	Apamea sordens	Rustic Shoulder-knot	1
73.162	Apamea monoglypha	Dark Arches	2
73.173x	Oligia strigilis agg.	Marbled Minor agg	9
73.176	Oligia fasciuncula	Middle-barred Minor	5
73.264	Lacanobia thalassina	Pale-shouldered Brocade	1
73.267	Lacanobia oleracea	Bright-line Brown-eye	3
73.317	Agrotis exclamationis	Heart and Dart	22
73.328	Axylia putris	Flame	7
73.329	Ochropleura plecta	Flame Shoulder	1
73.332	Diarsia brunnea	Purple Clay	1
73.333	Diarsia mendica	Ingrailed Clay	18
73.342	Noctua pronuba	Large Yellow Underwing	7
73.359	Xestia c-nigrum	Setaceous Hebrew Character	3
73.361	Xestia triangulum	Double Square-spot	12
74.008	Pseudoips prasinana britannica	Green Silver-lines	1

The catch resulted in 14 species of micros and 46 species of macro-moths, three of each being new to site.

Night 2017/6

Things were going reasonably well on the mothing front when we set up on Saturday 15th July.

We, unfortunately, missed having the help of Caspar and Felix who were coming to stay with Gran on Sunday evening for a few days. Commitments at home on Monday morning and my very early start for Scotland on Tuesday meant that we could not hold back the moth-count for a day or so. However, I am sure we will get together before long. The catch was reasonable enough and is detailed below.

15.015	Aspilapteryx tringipennella		1
16.001	Yponomeuta evonymella	Bird-cherry Ermine	3
16.002x	Yponomeuta padella/malinellus		3
16.017	Swammerdamia pyrella		1
17.003	Ypsolopha dentella	Honeysuckle Moth	1
20.012	Argyresthia goedartella		1
31.001	Carcina quercana		1
32.018	Agonopterix heracliana		2
41.002	Blastobasis adustella		4
49.004	Ditula angustiorana	Red-barred Tortrix	1
49.013	Archips podana	Large Fruit-tree Tortrix	1
49.026	Pandemis heparana	Dark Fruit-tree Tortrix	6
49.061	Acleris holmiana		1
49.062	Acleris forsskalleana		2
49.109	Agapeta hamana		3
49.110	Agapeta zoegana		1
49.224	Spilota ocellana	Bud Moth	1

63.006	<i>Pyrausta aurata</i>		1
63.038	<i>Pleuroptya ruralis</i>	Mother of Pearl	17
63.060	<i>Evergestis pallidata</i>		1
63.079	<i>Calamotropha paludella</i>		2
63.080	<i>Chrysoteuchia culmella</i>	Garden Grass-veneer	21
63.089	<i>Agriphila tristella</i>		6
63.102	<i>Catoptria falsella</i>		1
65.009	Habrosyne pyritoides	Buff Arches	1
66.010	Euthrix potatoria	Drinker	1
69.003	<i>Laothoe populi</i>	Poplar Hawk-moth	4
69.016	<i>Deilephila elpenor</i>	Elephant Hawk-moth	3
70.011	<i>Idaea dimidiata</i>	Single-dotted Wave	3
70.016	<i>Idaea aversata</i> ab. <i>remutata</i>	Riband Wave	9
70.053	<i>Xanthorhoe designata</i>	Flame Carpet	1
70.084	Plemyria rubiginata rubiginata	Blue-bordered Carpet	1
70.093	<i>Gandaritis pyraliata</i>	Barred Straw	1
70.114	<i>Hydrelia flammeolaria</i>	Small Yellow Wave	1
70.207	<i>Lomaspilis marginata</i>	Clouded Border	1
70.226	<i>Opisthograptis luteolata</i>	Brimstone Moth	2
70.237	<i>Selenia dentaria</i>	Early Thorn	1
70.265	<i>Alcis repandata</i>	Mottled Beauty	1
70.280	<i>Lomographa temerata</i>	Clouded Silver	2
71.025	<i>Phalera bucephala</i>	Buff-tip	1
72.002	<i>Rivula sericealis</i>	Straw Dot	2
72.003	<i>Hypena proboscidalis</i>	Snout	1
72.024	<i>Phragmatobia fuliginosa</i>	Ruby Tiger	1
72.044	<i>Eilema griseola</i>	Dingy Footman	14
72.045	<i>Eilema lurideola</i>	Common Footman	15
72.046	<i>Eilema complana</i>	Scarce Footman	3
72.069	<i>Laspeyria flexula</i>	Beautiful Hook-tip	2
73.001	<i>Abrostola tripartita</i>	Spectacle	1
73.012	<i>Diachrysia chrysis</i>	Burnished Brass	2
73.037x	<i>Acronicta tridens</i> /psi	Dark Dagger / Grey Dagger	1
73.095	<i>Caradrina clavipalpis</i>	Pale Mottled Willow	1
73.096x	<i>Hoplodrina alsines</i> /blanda	Uncertain/Rustic agg.	21
73.131	<i>Luperina testacea</i>	Flounced Rustic	1
73.160	<i>Apamea scolopacina</i>	Slender Brindle	3
73.162	<i>Apamea monoglypha</i>	Dark Arches	8
73.163	<i>Apamea lithoxylaea</i>	Light Arches	1
73.169x	<i>Mesapamea secalis</i> agg.	Common Rustic agg.	5
73.173	<i>Oligia strigilis</i> agg.	Marbled Minor agg.	1
73.175	Oligia versicolor	Rufous Minor	2
73.216	<i>Cosmia trapezina</i>	Dun-bar	3
73.267	<i>Lacanobia oleracea</i>	Bright-line Brown-eye	3
73.293	<i>Mythimna impura</i>	Smoky Wainscot	11
73.298	<i>Mythimna ferrago</i>	Clay	1
73.317	<i>Agrotis exclamationis</i>	Heart and Dart	3
73.329	<i>Ochropleura plecta</i>	Flame Shoulder	1
73.342	<i>Noctua pronuba</i>	Large Yellow Underwing	83
73.343	<i>Noctua fimbriata</i>	Broad-bordered Y/Underwing	3
73.345	<i>Noctua comes</i>	Lesser Yellow Underwing	7
73.348	<i>Noctua janthe</i>	Lesser Bd-b/d Y/w U/wing	3
73.353	<i>Xestia baja</i>	Dotted Clay	1
73.361	<i>Xestia triangulum</i>	Double Square-spot	10

Two new micros and four macros were added to our list.

Night 2017/7

Wet, wet, wet! I seem to remember a popular song, or was it a group, some years ago with this title. However, the weather forecast did not predict a downpour on the evening of **Saturday August 12th**. Regardless, the traps were set in their usual positions and we sloped off for a welcome pint at the local ale-house. A fine and clear Sunday morning arrived and the emptying procedures were carried out. Not a brilliant catch but there were two new micro-moths on our final list.

16.001	Yponomeuta evonymella	Bird-cherry Ermine	1
21.001	Lyonetia clerkella	Apple Leaf Miner	1
41.002	Blastobasis adustella		2
45.010	Amblyptilia acanthadactyla	Beautiful Plume	1
49.026	Pandemis heparana	Dark Fruit-tree Tortrix	2
49.077	Acleris variegana	Garden Rose Tortrix	2
49.097	Cochylimorpha straminea		1
49.166	Celypha lacunana		3
63.006	Pyrausta aurata		1
63.038	Pleuroptya ruralis	Mother of Pearl	1
63.093	Agriphila straminella		1
70.016	Idaea aversata	Riband Wave	2
70.053	Xanthorhoe designata	Flame Carpet	2
70.100	Colostygia pectinataria	Green Carpet	1
70.235	Ennomos fuscantaria	Dusky Thorn	1
70.258	Peribatodes rhomboidaria	Willow Beauty	1
70.278	Cabera exanthemata	Common Wave	1
71.013	Notodonta ziczac	Pebble Prominent	1
71.017	Pheosia tremula	Swallow Prominent	2
71.018	Pheosia gnoma	Lesser Swallow Prominent	3
72.024	Phragmatobia fuliginosa	Ruby Tiger	1
72.044	Eilema griseola	Dingy Footman	1
73.001	Abrostola tripartita	Spectacle	1
73.022	Plusia festucae	Gold Spot	5
73.123	Hydraecia micacea	Rosy Rustic	2
73.169x	Mesapamea secalis agg.	Common Rustic agg.	3
73.329	Ochropleura plecta	Flame Shoulder	10
73.342	Noctua pronuba	Large Yellow Underwing	17
73.348	Noctua janthe	Lesser Bd-bd Yellow U/w	9
73.358	Xestia sexstrigata	Six-striped Rustic	3
73.359	Xestia c-nigrum	Setaceous Hebrew Character	1

All we can do now is hope for a warmer, and drier evening on our September evening choice.

Night 2017/8

The evening of Saturday **2nd September** was not the warmer one we had hoped for, but thankfully was a dry one. For the last five evenings my home catches had been considerably affected by the fall in temperature in late August. We did, however, still record 26 species of which 2 were new to the site.

03.001	Triodia sylvina	Orange Swift	1
49.066	Acleris laterana		1
49.077	Acleris variegana	Garden Rose Tortrix	1
49.166	Celypha lacunana		4
63.093	Agriphila straminella		1
70.046	Orthonama vittata	Oblique Carpet	1
70.097	Dysstroma truncata	Common Marbled Carpet	1
70.100	Colostygia pectinataria	Green Carpet	1
70.234	Ennomos alniaria	Canary-shouldered Thorn	1
70.235	Ennomos fuscantaria	Dusky Thorn	1

70.283	Campaea margaritaria	Light Emerald	1
72.002	Rivula sericealis	Straw Dot	1
72.003	Hypena proboscidalis	Snout	5
73.001	Abrostola tripartita	Spectacle	1
73.062x	Amphipyra pyramidea agg.	Copper Underwing agg.	1
73.099	Hoplodrina ambigua	Vine's Rustic	1
73.121	Gortyna flavago	Frosted Orange	1
73.123	Hydraecia micacea	Rosy Rustic	2
73.131	Luperina testacea	Flounced Rustic	2
73.187	Agrochola litura	Brown-spot Pinion	1
73.219	Atethmia centrargo	Centre-barred Sallow	1
73.291	Mythimna pallens	Common Wainscot	1
73.329	Ochropleura plecta	Flame Shoulder	2
73.342	Noctua pronuba	Large Yellow Underwing	20
73.357	Xestia xanthographa	Square-spot Rustic	13
73.359	Xestia c-nigrum	Setaceous Hebrew Character	18

I had recorded Oblique Carpet at Yorkshire Air Museum, Elvington, which is also in Vice-county 61 but never in VC 64. It is classified as "rare, but local". The Frosted Orange is a common flyer in autumn throughout the UK.

Night 2017/9

We chose the **7th October** for our final visit of 2017 as the weather forecast was reasonable and most of the autumnal moths had been seen around the area. Unfortunately Vanessa and John were sunning themselves in Crete and missed their early morning call on the Sunday. However, the only new species was a small grey micro which would not have encouraged "oohs and aahs" from Vanessa anyway.

49.069	Acleris sparsana		1
70.095	Chloroclysta siterata	Red-Green Carpet	2
70.107x	Epirrita dilutata agg.	November Moth agg.	4
72.003	Hypena proboscidalis	Snout	1
73.180	Tiliacea aurago	Barred Sallow	3
73.186	Agrochola lychnidis	Beaded Chestnut	1
73.190	Agrochola macilenta	Yellow-line Quaker	2
73.193	Omphaloscelis lunosa	Lunar Underwing	2
73.194	Conistra vaccinii	Chestnut	1
73.206	Lithophane leautieri hesperica	Blair's Shoulder-knot	1
73.224	Griposia aprilina	Merveille du Jour	4
73.233	Aporophyla nigra	Black Rustic	2

Well, now to the results for 2017. We recorded 13 new microds and 21 new macros throughout the year which brings our new totals to 96 micros and 213 macro species.

Night 2018 /1

The year started with terrible cold weather and February and March were very poor months for moths at home. The decision was, therefore, made to delay our start until things began to improve. We set up on the evening of 21 April 2018 and awaited results. Sunday dawned after a slight amount of rainfall during the night and our count commenced.

32.031	Agonopterix alstromeriana		1
--------	----------------------------------	--	----------

70.103	Lampropteryx suffumata f.piceata	Water Carpet	1
70.141	Gymnoscelis rufifasciata	Double-striped Pug	1
70.237	Selenia dentaria	Early Thorn	4
70.239	Selenia tetralunaria	Purple Thorn	1
71.011	Drymonia ruficornis	Lunar Marbled Brown	1
72.022	Diaphora mendica	Muslin Moth	1
73.210	Eupsilia transversa	Satellite	1
73.241	Panolis flammea	Pine Beauty	2
73.242	Orthosia incerta	Clouded Drab	6
73.244	Orthosia cerasi	Common Quaker	61
73.245	Orthosia cruda	Small Quaker	4
73.247	Orthosia gracilis	Powdered Quaker	3
73.249	Orthosia gothica	Hebrew Character	14
73.250	Anorthoa munda	Twin-spotted Quaker	2

5 new species were recorded for the site which included a dark form of Water Carpet, f. piceata.

Night 2018 /2

The weather was warming up a bit and a few more sopecies were flying at home so we made our May trip to Stillingfleet on the 19th May to see how things were going in VC61. A mixed catch of 14 species, only one of which was a micro, the "yellow nosed" *N.cynosbatella*.

49.292	Notocelia cynosbatella		1
65.001	Falcaria lacertinaria	Scalloped Hook-tip	1
69.003	Laothoe populi	Poplar Hawk-moth	2
70.094	Ecliptopera silaceata	Small Phoenix	1
71.013	Notodonta ziczac	Pebble Prominent	1
71.017	Pheosia tremula	Swallow Prominent	3
72.015	Calliteara pudibunda	Pale Tussock	3
72.019	Spilosoma lutea	Buff Ermine	1
72.020	Spilosoma lubricipeda	White Ermine	1
73.045	Acronicta rumicis	Knot Grass	1
73.242	Orthosia incerta	Clouded Drab	1
73.247	Orthosia gracilis	Powdered Quaker	2
73.325	Agrotis puta puta	Shuttle-shaped Dart	1
73.329	Ochropleura plecta	Flame Shoulder	1

Of the remaining macros only 4 appeared more than the once and we had no new species to add to the list.

Night 2018 /3

Things were getting back to normal after the poor start in the year and it was decided to add an early June session before the Conservation Day in a fortnight's time. It turned out to be a good decision! We had one new micro with a visit from a "Timothy Tortrix", one of the micros with a long-standing vernacular name.

Both Davids and Vanessa were surprised when encountering the large Privet Hawk-moth. It is a really splendid specimen with only just over a hundred sightings in the county, the majority being in VC 61 which is our Vice County. A new sighting for us all. The Dark Sword-grass was well worn but still discernable and is not a regular migrant sighting at this time of year.

49.031	Aphelia paleana	Timothy Tortrix	2
49.157	Hedya pruniana	Plum Tortrix	3
49.158	Hedya ochroleucana		1
49.166	Celypha lacunana		6
49.292	Notocelia cynosbatella		2
63.025	Anania hortulata	Small Magpie	7

65.010	Tethea ocularis	Figure of Eighty	2
69.002	Smerinthus ocellata	Eyed Hawk-moth	1
69.006	Sphinx ligustri	Privet Hawk-moth	1
69.016	Deilephila elpenor	Elephant Hawk-moth	5
70.016	Idaea aversata ab. remutata	Riband Wave [non-banded]	1
70.036	Cyclophora punctaria	Maiden's Blush	1
70.054	Xanthorhoe montanata	Silver-ground Carpet	2
70.079	Thera britannica	Spruce Carpet	1
70.100	Colostygia pectinataria	Green Carpet	1
70.207	Lomaspilis marginata	Clouded Border	1
70.222	Petrophora chlorosata	Brown Silver-line	1
70.224	Plagodis dolabraria	Scorched Wing	4
70.226	Opisthograptis luteolata	Brimstone Moth	3
70.252	Biston betularia	Peppered Moth	4
70.277	Cabera pusaria	Common White Wave	1
70.280	Lomographa temerata	Clouded Silver	1
70.283	Campaea margaritaria	Light Emerald	1
71.013	Notodonta ziczac	Pebble Prominent	1
71.017	Pheosia tremula	Swallow Prominent	1
71.025	Phalera bucephala	Buff-tip	1
72.002	Rivula sericealis	Straw Dot	9
72.003	Hypena proboscidalis	Snout	1
72.015	Calliteara pudibunda	Pale Tussock	1
72.019	Spilosoma lutea	Buff Ermine	8
72.049	Eilema sororcula	Orange Footman	1
72.055	Herminia grisealis	Small Fan-foot	1
73.001	Abrostola tripartita	Spectacle	2
73.015	Autographa gamma	Silver Y	2
73.046	Subacronicta megacephala	Poplar Grey	1
73.156	Apamea crenata	Clouded-bordered Brindle	2
73.173x	Oligia strigilis agg.	Marbled Minor agg.	9
73.176	Oligia fasciuncula	Middle-barred Minor	2
73.317	Agrotis exclamationis	Heart and Dart	5
73.327	Agrotis ipsilon	Dark Sword-grass	1
73.328	Axylia putris	Flame	1
73.329	Ochropleura plecta	Flame Shoulder	4
73.333	Diarsia mendica	Ingrailed Clay	1
73.359	Xestia c-nigrum	Setaceous Hebrew Character	1
73.361	Xestia triangulum	Double Square-spot	1

Night 2018 /4

The traps were set up on Saturday evening 23rd June, ready for the forthcoming Conservation Day on Sunday, and left overnight as per usual. However, on the Sunday morning only one of the bulbs was still alight. It was assumed that the second bulb had failed but the catch in the trap still working was minimal and so with an almost non-existent catch no record was kept. Thankfully I had taken some moth samples with me from home and managed to show these to the people attending the event at the Gardens.

Night 2018 /4a

To make up for the disappointment of last week which, it turned out, was a mistake on my part. I had not either removed, or re-set, the time-clocks I used at the Yorkshire Air Museum the previous week. Well, nobody's perfect!!

All went well and a very good night's recording on 30th June was managed. 59 species were recorded of which 5 were new to the site. The highlight, because of its size, was the Pine Hawk-moth which, at the time, we thought was a new sighting. However, the records showed that we had seen 3 in one night in July 2014.

For me the Suspected was the best newcomer. I have only recorded it at the Yorkshire Air Museum on a couple of occasions. It was surprising that the Garden Tiger and Common Emerald were new to site and it just shows that gaps of up to four weeks can make recording a bit hit and miss.

31.001	Carcina quercana		1
35.085	Athrips mouffetella		1
39.001	Blastodacna hellerella		1
41.003	Blastobasis lacticolella		3
49.109	Agapeta hamana		1
49.156	Hedya nubiferana	Marbled Orchard Tortrix	3
49.166	Celypha lacunana		3
63.025	Anania hortulata	Small Magpie	12
63.038	Pleuroptya ruralis	Mother of Pearl	1
63.062	Scoparia subfusca		1
63.067	Eudonia lacustrata		2
65.009	Habrosyne pyritoides	Buff Arches	2
66.010	Euthrix potatoria	Drinker (m)	1
69.003	Laothoe populi	Poplar Hawk-moth	1
69.007	Sphinx pinastri	Pine Hawk-moth	1
69.016	Deilephila elpenor	Elephant Hawk-moth	4
70.011	Idaea dimidiata	Single-dotted Wave	2
70.013	Idaea biselata	Small Fan-footed Wave	1
70.016	Idaea aversata	Riband Wave	11
70.084	Plemyria rubiginata rubiginata	Blue-bordered Carpet	1
70.089	Eulithis prunata	Phoenix	1
70.093	Gandaritis pyraliata	Barred Straw	1
70.097	Dysstroma truncata	Common Marbled Carpet	2
70.133	Perizoma alchemillata	Small Rivulet	1
70.144	Pasiphila rectangulata	Green Pug	2
70.207	Lomaspilis marginata	Clouded Border	7
70.243	Ourapteryx sambucaria	Swallow-tailed Moth	1
70.258	Peribatodes rhomboidaria	Willow Beauty	1
70.265	Alcis repandata	Mottled Beauty	6
70.270	Ectropis bistortata	Engrailed	2
70.277	Cabera pusaria	Common White Wave	1
70.283	Campaea margaritaria	Light Emerald	3
70.299	Geometra papilionaria	Large Emerald	1
70.305	Hemithea aestivaria	Common Emerald	2
71.025	Phalera bucephala	Buff-tip	2
72.002	Rivula sericealis	Straw Dot	1
72.003	Hypena proboscidalis	Snout	2
72.026	Arctia caja	Garden Tiger	1
72.045	Eilema lurideola	Common Footman	26
72.053	Herminia tarsipennalis	Fan-foot	2
72.069	Laspeyria flexula	Beautiful Hook-tip	3
73.001	Abrostola tripartita	Spectacle	1
73.015	Autographa gamma	Silver Y	1
73.096x	Hoplodrina octogenaria/blanda	Uncertain/Rustic agg.	6
73.162	Apamea monoglypha	Dark Arches	4
73.176	Oligia fasciuncula	Middle-barred Minor	1
73.173x	Oligia strigilis agg.	Marbled Minor agg.	2
73.221	Parastichtis suspecta	Suspected	1

73.267	Lacanobia oleracea	Bright-line Brown-eye	3
73.270	Melanchra persicariae	Dot Moth	2
73.293	Mythimna impura	Smoky Wainscot	2
73.317	Agrotis exclamationis	Heart and Dart	5
73.328	Axylia putris	Flame	1
73.329	Ochropleura plecta	Flame Shoulder	1
73.334	Diarsia rubi	Small Square-spot	1
73.342	Noctua pronuba	Large Yellow Underwing	1
73.359	Xestia c-nigrum	Setaceous Hebrew Character	1
73.361	Xestia triangulum	Double Square-spot	8
74.003	Nola cucullatella	Short-cloaked Moth	1

Night 2018 /5

We managed to fit in a session at the end of July and set up on the evening of the 28th. It gave a better result than I had at home and 26 species were recorded, although none were new to the site.

21.001	Lyonetia clerkella	Apple Leaf Miner	1
49.161	Celypha striana		2
63.038	Pleuroptya ruralis	Mother of Pearl	1
63.089	Agriphila tristella		1
63.093	Agriphila straminella		4
65.005	Drepana falcatoria	Pebble Hook-tip	1
70.016	Idaea aversata	Riband Wave	2
70.029	Timandra comae	Blood-Vein	1
70.052	Xanthorhoe ferrugata	Dark-barred Twin-spot Carpet	1
70.053	Xanthorhoe designata	Flame Carpet	1
71.012	Notodonta dromedarius	Iron Prominent	1
71.018	Pheosia gnoma	Lesser Swallow Prominent	2
72.002	Rivula sericealis	Straw Dot	3
72.024	Phragmatobia fuliginosa	Ruby Tiger	2
73.015	Autographa gamma	Silver Y	4
73.022	Plusia festucae	Gold Spot	3
73.096x	Hoplodrina octogenaria/blanda	Uncertain/Rustic agg.	1
73.162	Apamea monoglypha	Dark Arches	2
73.169x	Mesapamea secalis agg.	Common Rustic agg.	13
73.216	Cosmia trapezina	Dun-bar	8
73.255	Anarta trifolii	Nutmeg	1
73.281	Hadena bicurris	Lychnis	2
73.325	Agrotis puta puta	Shuttle-shaped Dart	1
73.329	Ochropleura plecta	Flame Shoulder	2
73.334	Diarsia rubi	Small Square-spot	1
73.348	Noctua janthe	Lesser Bd-bor/d Yellow U/wing	13

Night 2018 /6

Vanessa's grandchildren were staying with her for a few days at the end of August and we timed our visit to allow them to help empty the moth-traps in the morning. They are becoming very knowledgeable and enjoy releasing the specimens into the bushes. After a fairly cold evening we still managed to count 17 species only 2 of which were micro-moths. A preponderance of Setaceous Hebrew Characters led to a bit of tongue-twisting. Nothing new again but, of course, the chances of catching new species are diminishing over the years. Let's keep fingers crossed for September.

49.039	Epiphyas postvittana	Light Brown Apple Moth	3
63.102	Catoptria falsella		1

70.053	Xanthorhoe designata	Flame Carpet	1
73.012	Diachrysia chrysis	Burnished Brass	1
73.015	Autographa gamma	Silver Y	1
73.062x	Amphipyra pyramidea agg.	Copper Underwing agg.	1
73.095	Caradrina clavipalpis	Pale Mottled Willow	2
73.182	Cirrhia icteritia	Sallow	1
73.291	Mythimna pallens	Common Wainscot	2
73.317	Agrotis exclamationis	Heart and Dart	1
73.319	Agrotis segetum	Turnip Moth	1
73.329	Ochropleura plecta	Flame Shoulder	3
73.342	Noctua pronuba	Large Yellow Underwing	8
73.343	Noctua fimbriata	Broad-bordered Yellow Underwing	1
73.345	Noctua comes	Lesser Yellow Underwing	1
73.357	Xestia xanthographa	Square-spot Rustic	11
73.359	Xestia c-nigrum	Setaceous Hebrew Character	39

Night 2018 /7

Almost the end of September and the nights are colder and longer. We set the traps on the evening of 29th September in Vanessa's absence, as she was down in Shropshire visiting family. The temperature on previous night had been down to 6 degrees at home. However, things did warm up to around 11 degrees and we had a very reasonable catch. There was only one new-comer, a Green-brindled Crescent, amongst a good selection of autumn moths.

21.001	Lyonetia clerkella	Apple Leaf Miner	1
28.009	Endrosis sarcitrella	White-shouldered House-moth	1
49.077	Acleris variegana	Garden Rose Tortrix	1
70.024	Scopula imitaria	Small Blood-vein	1
73.068	Allophyes oxyacanthae	Green-brindled Crescent	1
73.180	Tiliacea aurago	Barred Sallow	2
73.181	Xanthia togata	Pink-barred Sallow	2
73.182	Cirrhia icteritia	Sallow	1
73.186	Agrochola lychnidis	Beaded Chestnut	14
73.187	Agrochola litura	Brown-spot Pinion	1
73.189	Agrochola lota	Red-line Quaker	1
73.190	Agrochola macilenta	Yellow-line Quaker	1
73.193	Omphaloscelis lunosa	Lunar Underwing	6
73.206	Lithophane leautieri hesperica	Blair's Shoulder-knot	1
73.224	Gripesia aprilina	Merveille du Jour	1
73.233	Aporophyla nigra	Black Rustic	2
73.319	Agrotis segetum	Turnip Moth	1
73.325	Agrotis puta puta	Shuttle-shaped Dart	1
73.327	Agrotis ipsilon	Dark Sword-grass	1
73.342	Noctua pronuba	Large Yellow Underwing	6
73.357	Xestia xanthographa	Square-spot Rustic	1

However, this turned out to be our last session in the year as unfortunately the season was curtailed by illness and, so, this September visit completed the year of 2018. During the year we recorded a further 5 new micromoths and 11 new macromoths. Our site totals are now 101 micros and 224 macros.

Night 2019/1

Let's start 2019 as we did on Saturday **20th April** and were rewarded with a steady catch of early fliers, although nothing new to site. Home catches had been slightly above normal as the late winter had been reasonably mild.

70.066	Earophila badiata	Shoulder Stripe	1
70.141	Gymnoscelis rufifasciata	Double-striped Pug	1
70.156	Eupithecia abbreviata	Brindled Pug	1
70.239	Selenia tetralunaria	Purple Thorn	
71.011	Drymonia ruficornis	Lunar Marbled Brown	1
71.012	Notodonta dromedarius	Iron Prominent	2
71.013	Notodonta ziczac	Pebble Prominent	2
71.018	Pheosia gnoma	Lesser Swallow Prominent	3
72.022	Diaphora mendica	Muslin Moth	1
73.241	Panolis flammea	Pine Beauty	1
73.242	Orthosia incerta	Clouded Drab	4
73.244	Orthosia cerasi	Common Quaker	4
73.247	Orthosia gracilis	Powdered Quaker	3
73.249	Orthosia gothica	Hebrew Character	9
73.250	Anorthoa munda	Twin-spotted Quaker	5

Night 2019/2

Our next visit was made on the **16th May** at a time when the catches at home were falling much below average due to a cooler start to the spring. We did, however, have a newcomer. This was surprising as the Many-plumed Moth has been a very common visitor to home.

44.001	Alucita hexadactyla	Many-plumed Moth	1
49.292	Notocelia cynosbatella		1
69.003	Laothoe populi	Poplar Hawk-moth	2
70.052	Xanthorhoe ferrugata	Dark-barred Twin-spot Carpet	1
70.053	Xanthorhoe designata	Flame Carpet	1
70.100	Colostygia pectinataria	Green Carpet	1
70.141	Gymnoscelis rufifasciata	Double-striped Pug	1
70.151	Eupithecia pulchellata	Foxglove Pug	1
71.017	Pheosia tremula	Swallow Prominent	1
71.020	Pterostoma palpina	Pale Prominent	1
72.015	Calliteara pudibunda	Pale Tussock	1
72.022	Diaphora mendica	Muslin Moth	1
73.095	Caradrina clavipalpis	Pale Mottled Willow	1

Night 2019/3

Our next session was on the evening of **1st June** during a period when I was really "scratching the barrel" for moths at home. The temperatures had been low throughout May and my catches were around 50% of usual. Things were a bit better at Stillingfleet because of the woodland environment so we did not do too badly and even had 3 newcomers on the macro-list.

49.166	Celypha lacunana		3
49.292	Notocelia cynosbatella		1
62.001	Aphomia sociella	Bee Moth	1
63.025	Anania hortulata	Small Magpie	4
03.002	Korscheltellus lupulina	Common Swift	2
69.003	Laothoe populi	Poplar Hawk-moth	9
69.016	Deilephila elpenor	Elephant Hawk-moth	3
69.017	Deilephila porcellus	Small Elephant Hawk-moth	1
70.029	Timandra comae	Blood-Vein	4
70.036	Cyclophora punctaria	Maiden's Blush	1

70.052	Xanthorhoe ferrugata	Dark-barred Twin-spot Carpet	2
70.054	Xanthorhoe montanata	Silver-ground Carpet	3
70.079	Thera britannica	Spruce Carpet	1
70.094	Ecliptopera silaceata	Small Phoenix	1
70.144	Pasiphila rectangulata	Green Pug	1
70.151	Eupithecia pulchellata	Foxglove Pug	1
70.156	Eupithecia abbreviata	Brindled Pug	2
70.173	Eupithecia centaureata	Lime-speck Pug	1
70.222	Petrophora chlorosata	Brown Silver-line	4
70.224	Plagodis dolabraria	Scorched Wing	3
70.226	Opisthograptis luteolata	Brimstone Moth	9
70.252	Biston betularia	Peppered Moth	1
70.277	Cabera pusaria	Common White Wave	2
70.278	Cabera exanthemata	Common Wave	1
70.279	Lomographa bimaculata	White-pinion Spotted	2
70.280	Lomographa temerata	Clouded Silver	8
71.012	Notodonta dromedarius	Iron Prominent	1
71.017	Pheosia tremula	Swallow Prominent	1
71.018	Pheosia gnoma	Lesser Swallow Prominent	1
71.020	Pterostoma palpina	Pale Prominent	2
72.001	Scoliopteryx libatrix	Herald	1
72.002	Rivula sericealis	Straw Dot	3
72.015	Calliteara pudibunda	Pale Tussock	16
72.019	Spilosoma lutea	Buff Ermine	4
72.020	Spilosoma lubricipeda	White Ermine	6
72.049	Eilema sororcula	Orange Footman	1
72.069	Laspeyria flexula	Beautiful Hook-tip	1
73.001	Abrostola tripartita	Spectacle	3
73.015	Autographa gamma	Silver Y	3
73.022	Plusia festucae	Gold Spot	1
73.045	Acronicta rumicis	Knot Grass	4
73.101	Charanyca trigrammica	Treble Lines	1
73.114	Euplexia lucipara	Small Angle Shades	1
73.156	Apamea crenata	Clouded-bordered Brindle	4
73.158	Apamea sordens	Rustic Shoulder-knot	2
73.173	Oligia strigilis agg.	Marbled Minor agg.	16
73.176	Oligia fasciuncula	Middle-barred Minor	4
73.255	Anarta trifolii	Nutmeg	1
73.264	Lacanobia thalassina	Pale-shouldered Brocade	4
73.267	Lacanobia oleracea	Bright-line Brown-eye	1
73.301	Leucania comma	Shoulder-striped Wainscot	1
73.317	Agrotis exclamationis	Heart and Dart	19
73.325	Agrotis puta puta	Shuttle-shaped Dart	7
73.328	Axylia putris	Flame	1
73.329	Ochropleura plecta	Flame Shoulder	7
73.333	Diarsia mendica	Ingrailed Clay	1
73.359	Xestia c-nigrum	Setaceous Hebrew Character	11
74.011	Earias clorana	Cream-bordered Green Pea	2

Night 2019/4

The annual night this year was organised for a weekend date which I could not attend because of a family event and so we attended the Nurseries a week earlier on the **15th June**. Unfortunately things still hadn't improved and the moth counts were very low, both here and at home. Surely things must change soon?

49.037	Clepsia spectrana	Cyclamen Tortrix	1
49.166	Celypha lacunana		2

70.054	Xanthorhoe montanata	Silver-ground Carpet	2
70.207	Lomaspilis marginata	Clouded Border	2
72.019	Spilosoma lutea	Buff Ermine	9
72.020	Spilosoma lubricipeda	White Ermine	2
73.012	Diachrysia chrysis	Burnished Brass	1
73.176	Oligia fasciuncula	Middle-barred Minor	1
73.317	Agrotis exclamationis	Heart and Dart	7
73.333	Diarsia mendica	Ingrailed Clay	5
73.342	Noctua pronuba	Large Yellow Underwing	2

Night 2019/5

After that poor night of "no return" in June we tried again on 13th July when moths had returned to their usual pattern. We had a very good return with 3 new micros and 2 new macros. As can be seen there was a large influx of Large Yellow Underwings which were almost absent the previous year. Our home traps had similar explosions of this large moth.

41.002	Blastobasis adustella		1
49.026	Pandemis heparana	Dark Fruit-tree Tortrix	2
49.061	Acleris holmiana		1
49.109	Agapeta hamana		3
49.158	Hedya ochroleucana		1
49.159	Hedya atropunctana		1
49.166	Celypha lacunana		2
62.007	Cryptoblabes bistriga		1
62.029	Phycita roborella		1
63.025	Anania hortulata	Small Magpie	4
63.038	Pleuroptya ruralis	Mother of Pearl	1
63.064	Scoparia ambigualis		1
63.102	Catoptria falsella		1
69.016	Deilephila elpenor	Elephant Hawk-moth	21
70.013	Idaea biselata	Small Fan-footed Wave	1
70.016	Idaea aversata ab. remutata	Riband Wave [non-banded form]	5
70.045	Scotopteryx chenopodiata	Shaded Broad-bar	1
70.053	Xanthorhoe designata	Flame Carpet	1
70.093	Gandaritis pyraliata	Barred Straw	4
70.207	Lomaspilis marginata	Clouded Border	5
70.237	Selenia dentaria	Early Thorn	1
70.241	Crocallis elinguaris	Scalloped Oak	4
70.252	Biston betularia	Peppered Moth	4
70.258	Peribatodes rhomboidaria	Willow Beauty	1
70.280	Lomographa temerata	Clouded Silver	2
71.018	Pheosia gnoma	Lesser Swallow Prominent	1
71.025	Phalera bucephala	Buff-tip	1
72.002	Rivula sericealis	Straw Dot	1
72.003	Hypena proboscidalis	Snout	1
72.009	Leucoma salicis	White Satin	1
72.026	Arctia caja	Garden Tiger	1
72.044	Eilema griseola	Dingy Footman	5
72.045	Eilema lurideola	Common Footman	22
72.046	Eilema complana	Scarce Footman	3
72.069	Laspeyria flexula	Beautiful Hook-tip	3
73.001	Abrostola tripartita	Spectacle	1
73.012	Diachrysia chrysis	Burnished Brass	2
73.092	Caradrina morpheus	Mottled Rustic	1
73.037x	Acronicta tridens/psi	Dark Dagger / Grey Dagger	1
73.160	Apamea scolopacina	Slender Brindle	1
73.162	Apamea monoglypha	Dark Arches	12

73.163	Apamea lithoxylaea	Light Arches	5
73.096 x	Hoplodrina octogenaria/blanda	Uncertain/Rustic agg.	54
73.169x	Mesapamea secalis agg.	Common Rustic agg.	4
73.173x	Oligia strigilis agg.	Marbled Minor agg.	7
73.211	Enargia paleacea	Angle-striped Sallow	1
73.216	Cosmia trapezina	Dun-bar	5
73.267	Lacanobia oleracea	Bright-line Brown-eye	2
73.270	Melanchra persicariae	Dot Moth	1
73.291	Mythimna pallens	Common Wainscot	1
73.293	Mythimna impura	Smoky Wainscot	3
73.317	Agrotis exclamationis	Heart and Dart	31
73.319	Agrotis segetum	Turnip Moth	1
73.328	Axylia putris	Flame	1
73.338	Lycophotia porphyrea	True Lover's Knot	1
73.342	Noctua pronuba	Large Yellow Underwing	79
73.343	Noctua fimbriata	Broad-bordered Yellow Underwing	4
73.348	Noctua janthe	Lesser Bd-bordered Yellow U/wing	1
73.359	Xestia c-nigrum	Setaceous Hebrew Character	1
73.361	Xestia triangulum	Double Square-spot	8

Night 2019/6

Temperatures were still reasonably high when we set up on **3rd August** and we spent a long time in emptying the traps, counting specimens and releasing them into the adjacent foliage. In all we had 76 species of moth which included 3 newcomers to the site. Better still 2 of the newcomers were scarce migrants. The micro-moth *Loxostege sticticalis* is rarely seen in Yorkshire and after a few sightings during the 1990's the latest was at Beverley in 2012. The **Bedstraw Hawk-moth** is seen more regularly in Yorkshire and the closest to this site was in the Riccall area several years ago.

18.001	Plutella xylostella	Diamond-back Moth	3
21.001	Lyonetia clerkella	Apple Leaf Miner	1
28.014	Crassa unitella a moth		1
49.025	Pandemis cerasana	Barred Fruit-tree Tortrix	1
49.039	Epiphyas postvittana	Light Brown Apple Moth	2
49.091	Pseudargyrotoza conwagana		1
49.166	Celypha lacunana		1
62.028	Dioryctria abietella		1
62.035	Acrobasis advenella		4
62.048	Euzophera pinguis		6
62.075	Hypsopygia costalis	Gold Triangle	1
63.002	Loxostege sticticalis		1
63.006	Pyrausta aurata		2
63.031	Udea ferrugalis	Rusty-dot Pearl	1
63.038	Pleuroptya ruralis	Mother of Pearl	27
63.060	Evergestis pallidata		3
63.079	Calamotropha paludella		1
63.080	Chrysoteuchia culmella	Garden Grass-veneer	40
63.102	Catoptria falsella		1
50.002	Zeuzera pyrina	Leopard Moth	2
65.005	Drepana falcatoria	Pebble Hook-tip	9
65.007	Cilix glaucata	Chinese Character	1
69.003	Laothoe populi	Poplar Hawk-moth	4
69.014	Hyles gallii	Bedstraw Hawk-moth	1
69.016	Deilephila elpenor	Elephant Hawk-moth	1
70.013	Idaea biselata	Small Fan-footed Wave	1
70.016	Idaea aversata ab.remutata	Riband Wave [non-banded form]	6
70.029	Timandra comae	Blood-Vein	3
70.036	Cyclophora punctaria	Maiden's Blush	1

70.052	Xanthorhoe ferrugata	Dark-barred Twin-spot Carpet	1
70.053	Xanthorhoe designata	Flame Carpet	1
70.061	Epirrhoe alternata	Common Carpet	1
70.089	Eulithis prunata	Phoenix	1
70.205	Abraxas grossulariata	Magpie Moth	1
70.207	Lomaspilis marginata	Clouded Border	1
70.214	Macaria liturata	Tawny-barred Angle	1
70.235	Ennomos fuscantaria	Dusky Thorn	7
70.239	Selenia tetralunaria	Purple Thorn	1
70.258	Peribatodes rhomboidaria	Willow Beauty	1
70.265	Alcis repandata	Mottled Beauty	1
70.270	Ectropis bistortata	Engrailed	1
71.012	Notodonta dromedarius	Iron Prominent	1
71.013	Notodonta ziczac	Pebble Prominent	3
71.017	Pheosia tremula	Swallow Prominent	1
71.018	Pheosia gnoma	Lesser Swallow Prominent	4
72.002	Rivula sericealis	Straw Dot	2
72.009	Leucoma salicis	White Satin	1
72.013	Euproctis similis	Yellow-tail	3
72.024	Phragmatobia fuliginosa	Ruby Tiger	3
72.043	Eilema depressa	Buff Footman	1
72.044	Eilema griseola	Dingy Footman	21
72.045	Eilema lurideola	Common Footman	1
72.046	Eilema complana	Scarce Footman	1
73.015	Autographa gamma	Silver Y	8
73.022	Plusia festucae	Gold Spot	5
73.037x	Acronicta tridens/psi	Dark Dagger / Grey Dagger	2
73.045	Acronicta rumicis	Knot Grass	4
73.062x	Amphipyra pyramidea agg.	Copper Underwing agg.	1
73.084	Bryophila domestica	Marbled Beauty	1
73.096x	Hoplodrina octogenaria/blanda	Uncertain/Rustic agg.	3
73.162	Apamea monoglypha	Dark Arches	1
73.168	Lateroligia ophiogramma	Double Lobed	4
73.169x	Mesapamea secalis agg.	Common Rustic agg.	37
73.216	Cosmia trapezina	Dun-bar	3
73.291	Mythimna pallens	Common Wainscot	4
73.293	Mythimna impura	Smoky Wainscot	1
73.317	Agrotis exclamationis	Heart and Dart	3
73.325	Agrotis puta puta	Shuttle-shaped Dart	5
73.329	Ochropleura plecta	Flame Shoulder	8
73.342	Noctua pronuba	Large Yellow Underwing	183
73.343	Noctua fimbriata	Bd-bordered Y/w Underwing	6
73.345	Noctua comes	Lesser Yellow Underwing	5
73.346	Noctua interjecta	Least Yellow Underwing	3
73.348	Noctua janthe	Lesser Bd-brd Yellow U/wing	28
73.358	Xestia sexstrigata	Six-striped Rustic	3
73.359	Xestia c-nigrum	Setaceous Hebrew Character	3

Night 2019/7

After setting the traps on the **24th August** I set off for Stillingfleet on the following mild morning wondering how things would be as I only had a low number of species at home. However, my worries were allayed and a good nights catch ensued. We had one newcomer to add to our slowly growing list, this being a lovely **Feathered Gothic**.

21.001	Lyonetia clerkella	Apple Leaf Miner	1
31.001	Carcina quercana		1
49.024	Pandemis corylana	Chequered Fruit-tree Tortrix	1
49.039	Epiphyas postvittana	Light Brown Apple Moth	5
49.166	Celypha lacunana		5

63.006	Pyrausta aurata		4
63.038	Pleuroptya ruralis	Mother of Pearl	2
63.102	Catoptria falsella		1
63.115	Acentria ephemerella	Water Veneer	1
65.010	Tethea ocularis	Figure of Eighty	1
70.016	Idaea aversata ab. remutata	Riband Wave [non-banded form]	3
70.053	Xanthorhoe designata	Flame Carpet	3
70.100	Colostygia pectinataria	Green Carpet	3
70.173	Eupithecia centaureata	Lime-speck Pug	1
70.234	Ennomos alniaria	Canary-shouldered Thorn	1
70.235	Ennomos fuscantaria	Dusky Thorn	4
70.258	Peribatodes rhomboidaria	Willow Beauty	2
70.278	Cabera exanthemata	Common Wave	1
71.012	Notodonta dromedarius	Iron Prominent	3
71.013	Notodonta ziczac	Pebble Prominent	2
71.017	Pheosia tremula	Swallow Prominent	2
71.018	Pheosia gnoma	Lesser Swallow Prominent	1
72.002	Rivula sericealis	Straw Dot	9
72.044	Eilema griseola	Dingy Footman	1
73.015	Autographa gamma	Silver Y	1
73.037x	Acronicta tridens/psi	Dark Dagger / Grey Dagger	1
73.062x	Amphipyra pyramidea agg.	Copper Underwing agg.	3
73.113	Phlogophora meticulosa	Angle Shades	1
73.123	Hydraecia micacea	Rosy Rustic	2
73.131	Luperina testacea	Flounced Rustic	1
73.169x	Mesapamea secalis agg.	Common Rustic agg.	1
73.182	Cirrhia icteritia	Sallow	1
73.187	Agrochola litura	Brown-spot Pinion	1
73.211	Enargia paleacea	Angle-striped Sallow	1
73.219	Atethmia centrargo	Centre-barred Sallow	1
73.253	Tholera decimalis	Feathered Gothic	1
73.255	Anarta trifolii	Nutmeg	1
73.291	Mythimna pallens	Common Wainscot	2
73.319	Agrotis segetum	Turnip Moth	1
73.329	Ochropleura plecta	Flame Shoulder	20
73.342	Noctua pronuba	Large Yellow Underwing	89
73.343	Noctua fimbriata	Broad-bordered Yellow Underwing	6
73.345	Noctua comes	Lesser Yellow Underwing	9
73.348	Noctua janthe	Lesser Bd-bordered Yellow U/wing	6
73.357	Xestia xanthographa	Square-spot Rustic	51
73.358	Xestia sexstrigata	Six-striped Rustic	2
73.359	Xestia c-nigrum	Setaceous Hebrew Character	93

Night 2019/8

After a mild evening on the **28th September** we found a good number of specimens in the traps although 3 species outnumbered the others. I had never seen 22 Black Rustics at one time before but we did manage to see have a newcomer, the Feathered Thorn.

49.077	Acleris variegana	Garden Rose Tortrix	1
49.166	Celypha lacunana		1
70.079	Thera britannica	Spruce Carpet	2
70.081	Thera obeliscata	Grey Pine Carpet	1
70.095	Chloroclysta siterata	Red-Green Carpet	1
70.244	Colotois pennaria	Feathered Thorn	1
72.003	Hypena proboscidalis	Snout	3
72.024	Phragmatobia fuliginosa	Ruby Tiger	1

72.069	Laspeyria flexula	Beautiful Hook-tip	1
73.015	Autographa gamma	Silver Y	1
73.099	Hoplodrina ambigua	Vine's Rustic	1
73.180	Tiliacea aurago	Barred Sallow	3
73.181	Xanthia togata	Pink-barred Sallow	2
73.186	Agrochola lychnidis	Beaded Chestnut	36
73.193	Omphaloscelis lunosa	Lunar Underwing	6
73.206	Lithophane leautieri hesperica	Blair's Shoulder-knot	1
73.225	Dryobotodes eremita	Brindled Green	1
73.233	Aporophyla nigra	Black Rustic	22
73.325	Agrotis puta puta	Shuttle-shaped Dart	1
73.342	Noctua pronuba	Large Yellow Underwing	2
73.345	Noctua comes	Lesser Yellow Underwing	2
73.357	Xestia xanthographa	Square-spot Rustic	6
73.359	Xestia c-nigrum	Setaceous Hebrew Character	38

Night 2019/9

We decided to try for our latest ever session on **Saturday 2nd November** and wondered whether we had done the correct thing when driving to Stillingfleet. The day had been very wet and rain was still falling, but now only lightly, as we set up a single trap. Leaving home in the morning the weather was cool and very misty but things had cleared nicely when we arrived at the Nurseries. We recorded 7 species, all singletons, including a newcomer, the Brick.

70.107x	Epirrita dilutata agg.	November Moth agg.	1
70.244	Colotois pennaria	Feathered Thorn	1
73.068	Allophyas oxyacanthae	Green-brindled Crescen	1
73.190	Agrochola macilenta	Yellow-line Quaker	1
73.192	Agrochola circellaris	Brick	1
73.224	Griposia aprilina	Merveille du Jour	1
73.233	Aporophyla nigra	Black Rustic	1

This was our final 2019 visit and we look forward to starting again in spring 2020, hoping to add to our new total sightings of 107 micros and 234 Macros.
