

**REPORT ON MOTHS SURVEY  
LLANGARRON CHURCHYARD  
HEREFORDSHIRE**



*Lime Hawk*

by Ray Birchenough

The site of the Church is elevated and surrounded mainly by mixed arable and grazing farmland. Trees such as Oak, Ash, Hawthorn, Birch, Blackthorn and Cherry were in the churchyard or nearby. A section of the hedge consisted mainly of elm – a very important food plant now that the mature elms have been lost to dutch elm disease.

Seven visits were made to Llangarron and the churchyard surveyed using an MV light. During this time 176 moth species were recorded.

It was intended to try to cover the whole year but due to the cold, wet or windy weather this was not possible so a number of insects that were undoubtedly present were not recorded i.e. Feathered Thorn, December moth, Winter moth, November moth, Green Brindled Crescent and Mottled Umber.

The visits were very enjoyable with spectators young and old taking an interesting in the proceedings.

If a visit in January and February had been made such species as the Early Moth, Spring Usher, and Dotted Border would certainly have been seen.

On two occasions the trees and hedges were examined for leaf miners and a number were found, these are indicated in the main list.

Seven butterflies were also recorded during daytime visits.

Although results were quite good it has to be understood that some species do not come to light at all and others very rarely. To get a more accurate picture of the insects present other methods can be used as well as lights. These involve sugaring or wine roping and also searching for larvae. Sugar consists of a mixture of black treacle and brown sugar, with a few drops of rum added, this is painted on the trunks of trees and the moths imbibe from it. A search with a torch is made several times during the night. This method is best used during late summer and autumn when nectar sources are not as available as earlier in the year.

<b>Ref. No.</b>	<b>Species</b>	<b>Common name (where existing)</b>
17	<i>Hepialus lupulinus</i>	Common Swift
18	<i>Hepialus fusconebulosa</i>	Map-winged Swift
50	<i>Stigmella aurella</i>	leaf mine (larva)
63	<i>Stigmella marginicolella</i>	leaf mine (larva)
80	<i>Stigmella ulmivora</i>	leaf mine (larva)
100	<i>Stigmella oxyacanthella</i>	leaf mine (larva)
152	<i>Adela rufimitrella</i>	
323	<i>Phyllonorycter oxyacanthae</i>	leaf mine (larva)
332	<i>Phyllonorycter corylifoliella</i>	leaf mine (larva)
352	<i>Phyllonorycter schreberella</i>	leaf mine (larva)
385	<i>Anthophila fabricana</i>	
411	<i>Argyresthia goedartella</i>	
455	<i>Ypsolopha scabrella</i>	
663	<i>Diurnea fagella</i>	
969	<i>Pandemis corylana</i>	
1001	<i>Lozotaeniodes formosanus</i>	
1011	<i>Pseudargyrotoza conwagana</i>	
1024	<i>Cnephasia incertana</i>	
1030	<i>Eana incanana</i>	
1042	<i>Acleris rhombana</i>	
1076	<i>Olethreutes lacunana</i>	
1293	<i>Chrysoteuchia culmella</i>	
1301	<i>Crambus lathoniellus</i>	
1303	<i>Agriphila selasella</i>	
1305	<i>Agriphila tristella</i>	
1331	<i>Acentria ephemerella</i>	
1334	<i>Scoparia ambigualis</i>	
1338	<i>Eudonia crataegella</i>	
1344	<i>Eudonia mercurella</i>	
1356	<i>Evergestis forficalis</i>	Garden Pebble
1361	<i>Pyrausta aurata</i>	
1376	<i>Eurrhyncha hortulata</i>	Small Magpie
1390	<i>Udea prunalis</i>	
1392	<i>Udea olivalis</i>	
1405	<i>Pleuroptya ruralis</i>	Mother of Pearl
1413	<i>Hypsopygia costalis</i>	Gold Triangle
1428	<i>Aphomia sociella</i>	Bee Moth
1452	<i>Phycita roborella</i>	

1470	<i>Euzophera pinguis</i>	Small White
1550	<i>Pieris rapae</i>	Green-veined White
1551	<i>Pieris napi</i>	Orange-Tip
1553	<i>Anthocharis cardamines</i>	Holly Blue
1580	<i>Celastrina argiolus</i>	Red Admiral
1590	<i>Vanessa atalanta</i>	Small Tortoiseshell
1593	<i>Aglais urticae</i>	Meadow Brown
1626	<i>Maniola jurtina</i>	Drinker
1640	<i>Philudoria potatoia</i>	Oak Hook-Tip
1646	<i>Drepana binaria</i>	Pebble Hook-Tip
1648	<i>Drepana falcataria</i>	Chinese Character
1651	<i>Cilix glaucata</i>	Buff Arches
1653	<i>Habrosyne pyritoides</i>	Figure of Eighty
1654	<i>Thethea ocularis</i>	March Moth
1663	<i>Alsophila aescularia</i>	Large Emerald
1666	<i>Geometra papilionaria</i>	Small Emerald
1673	<i>Hemistola chrysoprasaria</i>	Blood-vein
1682	<i>Timandra griseata</i>	Small Fan-footed Wave
1702	<i>Idaea biselata</i>	Single-dotted Wave
1708	<i>Idaea dimidiata</i>	Riband Wave
1713	<i>Idaea aversata</i>	Flame Carpet
1722	<i>Xanthorhoe designata</i>	Red twin-spot Carpet
1724	<i>Xanthorhoe spadicearia</i>	Silver-ground Carpet
1727	<i>Xanthorhoe montanata</i>	Garden Carpet
1728	<i>Xanthorhoe fluctuata</i>	Common Carpet
1738	<i>Epirrhoe alternata</i>	Yellow Shell
1742	<i>Campptogramma bilineata</i>	Barred Straw
1758	<i>Eulithis pyraliata</i>	Small Phoenix
1759	<i>Ecliptopera silaceata</i>	Common Marbled Carpet
1764	<i>Chloroclysta truncata</i>	Spruce Carpet
1769	<i>Thera variata</i>	Green Carpet
1776	<i>Colostygia pectinataria</i>	July Highflyer
1777	<i>Hydriomena furcata</i>	The Rivulet
1802	<i>Perizoma affinitatum</i>	Small Rivulet
1803	<i>Perizoma alchemillata</i>	Foxglove Pug
1817	<i>Eupithecia pulchellata</i>	Mottled Pug
1819	<i>Eupithecia exiguata</i>	Wormwood Pug
1830	<i>Eupithecia absinthiata</i>	Currant Pug
1832	<i>Eupithecia assimilata</i>	Common Pug
1834	<i>Eupithecia vulgata</i>	Tawny Speckled Pug
1838	<i>Eupithecia icterata</i>	Brindled Pug
1852	<i>Eupithecia abbreviata</i>	

1853	<i>Eupithecia dodoneata</i>	Oak-tree Pug
1856	<i>Eupithecia lariciata</i>	Larch Pug
1858	<i>Chloroclystis v~ata</i>	The V-Pug
1860	<i>Chloroclystis rectangulata</i>	Green Pug
1862	<i>Gymnoscelis rufifasciata</i>	Double-striped Pug
1884	<i>Abraxas grossulariata</i>	The Magpie
1887	<i>Lomaspilis marginata</i>	Clouded Border
1888	<i>Ligdia adustata</i>	Scorched Carpet
1893	<i>Semiorthosa liturata</i>	Tawny-berrred Angle
1904	<i>Plagodis dolabraria</i>	Scorched Wing
1906	<i>Opisthograptis luteolata</i>	Brimstone Moth
1913	<i>Ennomos alniaria</i>	Canary-shouldered Thorn
1914	<i>Ennomos fuscantaria</i>	Dusky Thorn
1917	<i>Selenia dentaria</i>	Early Thorn
1919	<i>Selenia tetralunaria</i>	Purple Thorn
1920	<i>Odontopera bidentata</i>	Scalloped Hazel
1921	<i>Crocallis eliuquaria</i>	Scalloped Oak
1922	<i>Ourapteryx sambucaria</i>	Swallow-tailed Moth
1926	<i>Apochemia pilosaria</i>	Pale Brindled Beauty
1930	<i>Biston strataria</i>	Oak Beauty
1931	<i>Biston betularia</i>	Peppered Moth
1936	<i>Menophra abruptaria</i>	Waved Umber
1937	<i>Peribatodes rhomboidaria</i>	Willow Beauty
1955	<i>Cabera pusaria</i>	Common White Wave
1961	<i>Campaea margaritata</i>	Light Emerald
1979	<i>Mimas tilae</i>	Lime Hawk
1991	<i>Deilephila elpenor</i>	Elephant Hawk
1992	<i>Deilephia porcellus</i>	Small Elephant Hawk
1996	<i>Furcula bicuspis</i>	Alder Kitten
2000	<i>Notodonta dromedarius</i>	Iron Prominent
2003	<i>Eligmodonta ziczac</i>	Pebble Prominent
2006	<i>Pheosia gnoma</i>	Lesser Swallow Prominent
2007	<i>Pheosia tremula</i>	Swallow Prominent
2008	<i>Ptilodon capucina</i>	Coxcomb prominent
2011	<i>Pterostoma palpina</i>	Pale Prominent
2028	<i>Dasychira pudibunda</i>	Pale Tussock
2030	<i>Euproctis similis</i>	Yellow -tail
2035	<i>Thumatha senex</i>	Round-winged Muslin
2044	<i>Eilema griseola</i>	Dingy Footman
2049	<i>Eilema deplana</i>	Buff Footman
2050	<i>Eilema lurideola</i>	Common Footman
2060	<i>Spilosoma lubricipeda</i>	White Ermine

2061	<i>Spilosoma luteum</i>	Buff Ermine
2064	<i>Phragmatobia fuliginosa</i>	Ruby Tiger
2078	<i>Nola confusalis</i>	Least Black Arches
2089	<i>Agrotis exclamationis</i>	Heart and Dart
2092	<i>Agrotis puta</i>	Shuttle-shaped Dart
2098	<i>Axylia putris</i>	The Flame
2102	<i>Ochropleura plecta</i>	Flame Shoulder
2107	<i>Noctua pronuba</i>	Large Yellow Underwing
2109	<i>Noctua comes</i>	Lesser Yellow Underwing
2111	<i>Noctua janthe</i>	Lesser Broad-bordered Yellow Underwing
2112	<i>Noctua interjecta</i>	Least Yellow Underwing
2120	<i>Diarsia mendica</i>	Ingrailed Clay
2122	<i>Diarsia brunnea</i>	Purple Clay
2123	<i>Diarsia rubi</i>	Small Square-spot
2126	<i>Xestia c-nigrum</i>	Sectaceous Hebrew Character
2127	<i>Xestia ditrapezium</i>	Triple -spotted Clay
2128	<i>Xestia triangulum</i>	Double Square-spot
2133	<i>Xestia sexstrigata</i>	Six-striped Rustic
2134	<i>Xestia xanthographa</i>	Square-spot Rustic
2154	<i>Mamestra brassicae</i>	Cabbage Moth
2182	<i>Orthosia cruda</i>	Small Quaker
2187	<i>Orthosia stabilis</i>	Common Quaker
2188	<i>Orthosia incerta</i>	Clouded Drab
2189	<i>Orthosia munda</i>	Twin-spotted Quaker
2190	<i>Orthosia gothica</i>	Hebrew Character
2193	<i>Mythimna ferrago</i>	The Clay
2198	<i>Mythimna impura</i>	Smoky Wainscot
2199	<i>Mythimna pallens</i>	Common Wainscot
2205	<i>Mythimna comma</i>	Shoulder-striped Wainscot
2232	<i>Aporophyla nigra</i>	Black Rustic
2243	<i>Xylocampa areola</i>	Early Grey
2256	<i>Eupsilia transversa</i>	The Satellite
2258	<i>Conistra vaccinii</i>	The Chestnut
2259	<i>Conistra ligula</i>	Dark Chestnut
2266	<i>Agrochola litura</i>	Brown-spot Pinion
2267	<i>Agrochola lychnidis</i>	Beaded Chestnut
2269	<i>Atethmia centrigo</i>	Centre-barred Sallow
2270	<i>Omphaloscelis lunosa</i>	Lunar Underwing
2272	<i>Xanthia aurago</i>	Barred Sallow
2274	<i>Xanthia ictertia</i>	The Sallow
2278	<i>Acronicta megacephala</i>	Poplar Grey

2284	<i>Acronicta psi</i>	Grey Dagger
2289	<i>Acronicta rumicis</i>	Knotgrass
2303	<i>Thalophila matura</i>	Straw Underwing
2306	<i>Phlogophora meticulosa</i>	Angle Shades
2318	<i>Cosmia trapezina</i>	The Dun-bar
2321	<i>Apamea monoglypha</i>	Dark Arches
2337	<i>Oligia strigilis</i>	Marbled Minor
2340	<i>Oligia fasciuncula</i>	Middle-barred Minor
2341	<i>Mesoligia furuncula</i>	Cloaked Minor
2343	<i>Mesapamea secalis</i>	Common Rustic
2353	<i>Luperina testacea</i>	Flounced Rustic
2381	<i>Hoplodrina alsines</i>	The Uncertain
2382	<i>Hoplodrina blanda</i>	The Rustic
2425	<i>Colocasia coryli</i>	Nut-tree Tussock
2434	<i>Diachrysa chrysis</i>	Burnished Brass
2441	<i>Autographa gamma</i>	Silver Y
2450	<i>Abrostola triplasia</i>	The Spectacle
2469	<i>Scoliopteryx libatrix</i>	The Herald
2474	<i>Rivula sericealis</i>	Straw Dot

Some of the moths we saw are reproduced in the following photographs.



**Elephant Hawk**



**Spectacle**