

A Checklist of the Butterflies and larger Moths of Cumbria

Edited by
Bill Kydd and Stephen Hewitt

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Tullie House Museum and Art Gallery
Castle Street
Carlisle

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The Cumbria Biological Records Database at Tullie House Museum

Tullie House Museum maintains a database of wildlife sightings from across the county of Cumbria. Some 140,000 records from Cumbria are stored on computer, backed up by large collections of voucher and reference specimens. The Museum aims to record and monitor the status of wildlife in Cumbria. The information is used to increase the knowledge of the wildlife of the county and to inform decisions affecting the wildlife and countryside of Cumbria.

Tullie House welcomes information and records concerning the wildlife of Cumbria.

Provisional distribution atlases are available for the following groups:

Mammals in Cumbria 1999

Butterflies in Cumbria 2000

Dragonflies in Cumbria 1994

Grasshoppers and Crickets in Cumbria 1993

Ladybirds in Cumbria 1998

Reptiles in Cumbria 1992

Amphibians in Cumbria 1995

Please send your wildlife sightings to the

Keeper of Natural Sciences,

Tullie House Museum,

Castle Street, Carlisle CA3 8TP.

Tel: 01228 534781 ext. 248. Fax: 01228 810249.

E-mail: SteveH@carlisle-city.gov.uk

Introduction

The purpose of this checklist is to assist local moth recorders in assessing their own records and captures. We hope that it will enable recorders to identify unusual and important records as they occur and further stimulate the study of moths in Cumbria.

Bill Kydd acted as County Lepidoptera Recorder for Cumbria Naturalists' Union from 1979 to 1997. Tullie House Museum began computerising records of butterflies and moths in Cumbria in 1991. Historical and contemporary sources of information have been used, including literature sources, the collections at Tullie House Museum and reports of sightings and records received from local naturalists. To date some 50,000 records have been entered and distribution maps of the butterflies of the county have been published by the Museum. The records have been refereed as far as is possible by the County Recorder.

This is very much a draft list. Much work has gone into checking and correcting the list, however there will be errors, omissions and inconsistencies. We would be pleased to receive your comments, criticisms and corrections so that we can improve on this list in future versions.

Specimens of unusual or difficult species should be retained as voucher specimens, or shown to an expert before release. Most butterflies and some moths can be readily identified from a good photograph. However, examination of the genitalia will be necessary to identify some species of moth.

Please note that it is illegal to catch or kill High Brown Fritillary and Marsh Fritillary butterflies.

Specimens of moths requiring confirmation of identity should be referred to a local expert - for contact names and addresses please contact:

Mr Rob Petley-Jones
Cumbria Moth Recorder
Hagg Hill Top
Hill Top
New Hutton
Kendal
Cumbria LA8 0AE
Tel: 01573 5526

Acknowledgements

We are grateful to the many naturalists, both local and from further afield, who have sent in their records to this recording scheme. Geoff Naylor and Dorothy Iveson extracted and data-based records from the collections at Tullie House and have input many thousands of records received from naturalists operating in the county. They have also given helpful comments and criticisms on early drafts of the checklist, as have David Clarke of Tullie House Museum, Rob Petley-Jones (the present Moth Recorder for the Cumbria Naturalists Union), Mike Clementson and Richard Little. The Biological Records Centre at Monks Wood has been very helpful in providing a printout of butterfly records for Cumbria and additional information on request.

We would particularly like to thank Dr. Neville Birkett who has been collating information on the Lepidoptera of Cumbria for over 50 years and who has been very helpful in correcting early drafts of the checklist and in providing much additional information from his own records.

The Checklist

B.&F. No.: The checklist is arranged according to Bradley & Fletcher (1998) and the species numbers also correspond to that publication.

Species Name/English Name: The scientific binomials and the English names are those given by the RECORDER biological records database version 3.2.1.

The definition of the various status codes is given below:

RDB1	Endangered)
RDB2	Vulnerable) occur in fewer than 15 10km squares in Britain
RDB3	Rare)
Notable/A	Nationally Scarce (occurring in 15-29 10km squares in Britain)	
Notable/B	Nationally Scarce (occurring in 30-99 10km squares in Britain)	
Notable/R	Regionally Scarce	

Cumbrian Status: The local status given is not based on a rigorous classification system since there are insufficient data available for this purpose. Instead, it is the informed opinion of Bill Kydd and Neville Birkett (very few decisions went to arbitration!).

VC65/69/70: The year of the last record for each species in vice-counties 69, 70 and the Cumbrian part of V.C.65 (see Fig. 1) is given. The very small part of V.C.60 that lies in Cumbria is not taken into account.

Cumbrian species listed in the National and Local Biodiversity Action Plans are shaded in the checklist.

Species which are considered to require confirmation, before being fully included in the county list, are *italicised*. Where a species has certainly been recorded in the past but the most recent record is unconfirmed, the most recent confirmed date is given. Where a species is confirmed in one vice-county but there is only an unconfirmed record from another – the unconfirmed record is *italicised*.

Species which are difficult to identify and for which voucher specimens are requested are asterisked (*) in the 'Notes' column. Species which are doubtfully listed for Cumbria and for which voucher material is required are marked “#” in the 'Notes' column. A voucher specimen should be provided for any proposed addition to the county list.

The checklist is complete to the end of 1997. Although some information is also included for 1998 (and significant updates or additions from 1999) this is not comprehensive. There are presently 587 species on the Cumbria list, excluding 29 'doubtful' species.

Indexes of scientific and common names follow the checklist.

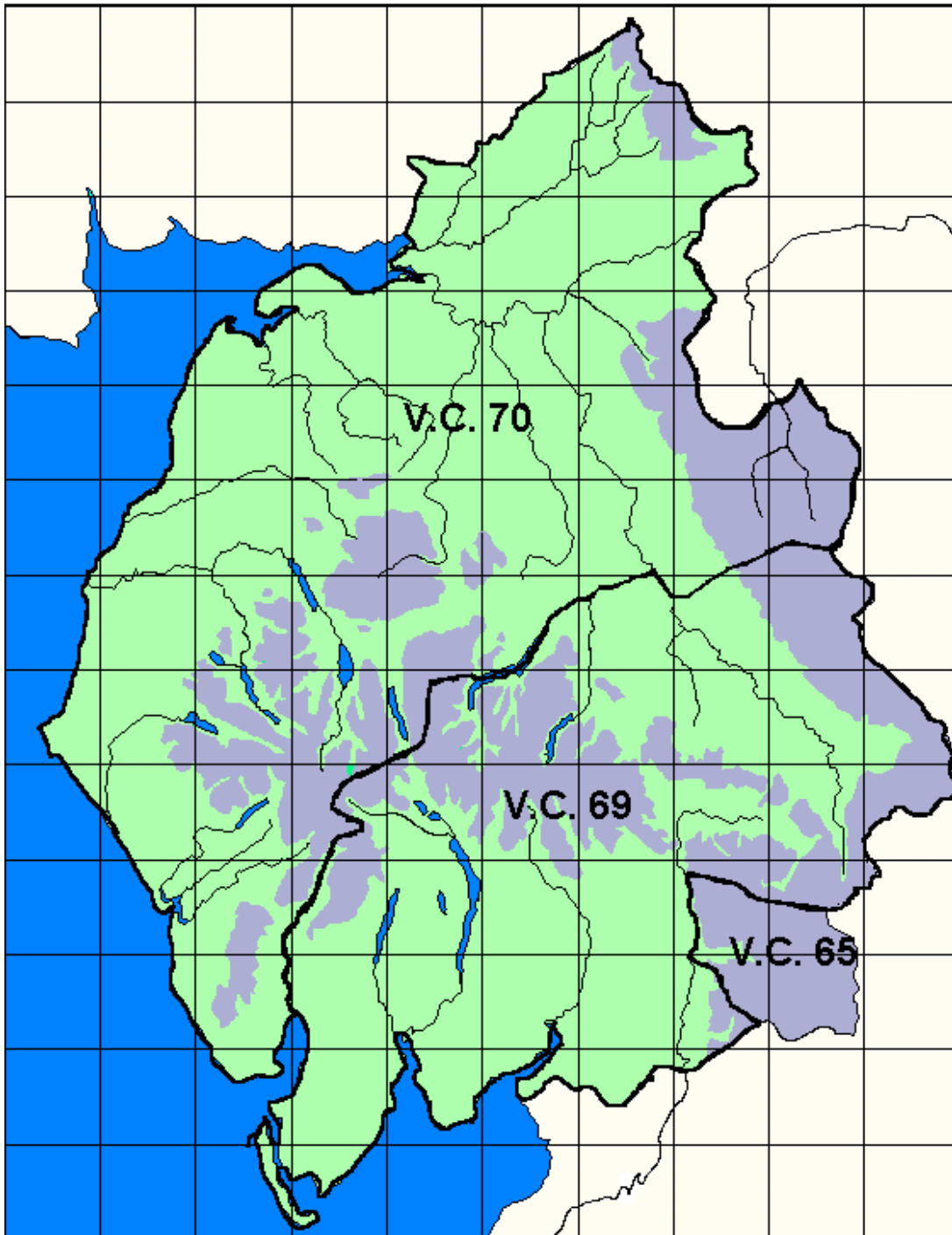


Figure 1

Cumbria - vice-counties 69, 70 and part 65

Omitted species

A few previously published records of species in Cumbria are considered so unlikely that, in the absence of voucher material, they have been omitted from the checklist. A number of species published by Mawson (1883) were questioned in Routledge (1912) and these are not included in the list. Other published species omitted are:

B&F Species	Reference(s)
165 Scarce Forester	Dawson (1881)
1529 Silver-spotted Skipper	Dawson (1879), Heath & Emmet (1989)
1539 Swallowtail	Marshall (1903), considered doubtful by Routledge (1909)
1584 White Admiral	Routledge (1909) considered doubtful by Routledge
1603 Queen of Spain Fritillary	Routledge (1909) considered doubtful by Routledge
1682 Blood-vein	Kydd (1980) – published in error for Small Blood-vein (1690)
1701 Dotted-border Wave	Skinner (1984) withdrawn Skinner (1987, pers. com. to N.L.B.)
1783 Cumbrian Umber	Routledge (1923)
1847 Scarce Pug	Marshall (1903)
1848 Angle-barred Pug	Vine-Hall (1974) – now synonymous with Ash Pug (1849)
1968 Yellow Belle	Routledge (1923) – withdrawn Routledge (1933)
2062 Water Ermine	Marshall (1903)
2097 Purple Cloud	Marshall (1903), Porter (1973) later withdrawn
2144 Broad-brdrd White Underwing	Porter (1973) later withdrawn
2191 Double Line	Key & Parsons (1989)
2455 Dark Crimson Underwing	Marshall (1903)
2488 Common Fan-foot	Marshall (1903)
2493 Dotted Fan-foot	Beadle (1895), considered doubtful by Routledge (1912)

B.&F. No.	Species Name	English Name	National Status	Cumbrian Status	VC65	VC69	VC70	Notes
	Hepialidae							
14	Hepialus humuli	Ghost Moth	Common	C	.	1998	1998	
15	Hepialus sylvina	Orange Swift	Common	L	.	1996	1999	
16	Hepialus hecta	Gold Swift	Local	C	.	1997	1996	
17	Hepialus lupulinus	Common Swift	Common	C	1997	1998	1999	
18	Hepialus fusconebulosa	Map-winged Swift	Local	C	1997	1997	1998	
	Cossidae							
161	Zeuzera pyrina	Leopard Moth	Notable/R	accidental	.	1931	.	single record only
162	Cossus cossus	Goat Moth	Notable/B	Rare	.	1956	1983	
	Zygaenidae							
163	Adscita statices	Forester	Notable/B	Scarce	.	1993	1996	
164	Adscita geryon	Cistus Forester	Notable/B	Scarce	.	1998	.	
169	Zygaena filipendulae	Six-spot Burnet	Common	C	.	1997	1996	
171	Zygaena lonicerae	Narrow-bordered Five-spot Burnet	Common	C	1994	1997	1995	
	Sesiidae							
370	Sesia apiformis	Hornet Moth	Notable/B	Extinct?	.	1938	-1912	
371	Sesia bembeciformis	Lunar Hornet Moth	Common	Rare	.	1987	1972	
373	Synanthedon tipuliformis	Currant Clearwing	Notable/B	Rare	.	1978	1974	*
375	Synanthedon spheciformis	White-barred Clearwing	Notable/B	Rare	.	1958	.	*
379	<i>Synanthedon myopaeformis</i>	<i>Red-belted Clearwing</i>	<i>Notable/B</i>		.	1880	-1882	#
380	Synanthedon formicaeformis	Red-tipped Clearwing	Notable/B	Rare	.	1999	-1882	
381	Synanthedon culiciformis	Large Red-belted Clearwing	Notable/B	Rare	.	1984	1952	
383	Bembecia muscaeformis	Thrift Clearwing	Notable/B	Rare	.	.	1919	*
	Hesperiidae							
1526	Thymelicus sylvestris	Small Skipper	Common	Rare	.	1950	1905	
1531	Ochlodes venata	Large Skipper	Common	C	1994	1998	1998	
1532	Erynnis tages	Dingy Skipper	Local	L	.	1997	1997	

1534	Pyrgus malvae	Grizzled Skipper	Notable/R	uncertain	.	1997	.	? Reintroduction
	Pieridae							
1541	Leptidea sinapis	Wood White	Notable/B	uncertain	.	1997	1909	? 1996 reintroduction
1543	Colias hyale	Pale Clouded Yellow	Migrant	Migrant	.	.	1900	
1545	Colias croceus	Clouded Yellow	Migrant	Migrant	.	1998	1998	
1546	Gonepteryx rhamni	Brimstone	Common	Common	.	1998	1992	
1549	Pieris brassicae	Large White	Common	Common	1997	1998	1998	
1550	Pieris rapae	Small White	Common	Common	1997	1998	1998	
1551	Pieris napi	Green-veined White	Common	Common	1997	1998	1998	
1553	Anthocharis cardamines	Orange Tip	Common	Common	1997	1998	1998	
	Lycaenidae							
1555	Callophrys rubi	Green Hairstreak	Local	Local	1995	1998	1998	
1556	Thecla betulae	Brown Hairstreak	Notable/B	Extinct?	.	1920	1909	
1557	Quercusia quercus	Purple Hairstreak	Local	Local	.	1998	1998	
1558	<i>Satyrrium w-album</i>	<i>White-letter Hairstreak</i>	<i>Notable/B</i>		.	1984	.	# single report only
1561	Lycaena phlaeas	Small Copper	Common	Common	1992	1998	1998	
1569	Cupido minimus	Small Blue	Notable/R	Scarce	.	1991	1996	
1571	Plebejus argus	Silver-studded Blue	Notable/B	Extinct	.	1939	.	
1573	Aricia artaxerxes	Northern Brown Argus	Notable/B	Local	.	1998	.	
1574	Polyommatus icarus	Common Blue	Common	Common	1995	1998	1998	
1575	<i>Lysandra coridon</i>	<i>Chalk-hill Blue</i>	<i>Local</i>		.	1923	1903	#
1580	Celastrina argiolus	Holly Blue	Local	Local	.	1998	1997	
	Nemeobiidae							
1582	Hamearis lucina	Duke of Burgundy	Notable/B	Scarce	.	1997	-1903	
1590	Vanessa atalanta	Red Admiral	Migrant	Migrant	1997	1997	1998	
1591	Cynthia cardui	Painted Lady	Migrant	Migrant	1996	1997	1997	
1593	Aglais urticae	Small Tortoiseshell	Common	Common	1997	1997	1998	
1594	Nymphalis polychloros	Large Tortoiseshell	RDB1	Extinct	.	1945	-1909	
1596	Nymphalis antiopa	Camberwell Beauty	Migrant	Migrant	.	1996	1997	
1597	Inachis io	Peacock	Common	Common	1997	1998	1998	
1598	Polygonia c-album	Comma	Notable/R	Scarce	1997	1998	1997	Spreading
1600	Boloria selene	Small Pearl-bordered Fritillary	Local	Local	1996	1997	1998	

B.&F. No.	Species Name	English Name	National Status	Cumbrian Status	VC65	VC69	VC70	Notes
1601	<i>Boloria euphrosyne</i>	Pearl Bordered Fritillary	Notable/B	Local	.	1999	1981	
1606	<i>Argynnis adippe</i>	High Brown Fritillary	RDB2	Local	.	1999	-1901	
1607	<i>Argynnis aglaja</i>	Dark Green Fritillary	Local	Common	.	1998	1997	
1608	<i>Argynnis paphia</i>	Silver-washed Fritillary	Local	Local	.	1997	1909	
1610	<i>Eurodryas aurinia</i>	Marsh Fritillary	Notable/B	Rare	.	.	1999	
	Satyridae							
1614	<i>Pararge aegeria</i>	Speckled Wood	Notable/R	Local	.	1997	1982	Reintr'd. VC 69, 1981
1615	<i>Lasiommata megera</i>	Wall	Common	Common	1992	1998	1998	
1617	<i>Erebia epiphron</i>	Mountain Ringlet	Notable/A	Local	.	1997	1997	
1618	<i>Erebia aethiops</i>	Scotch Argus	Notable/R	Local	.	1997	1903	
1621	<i>Hipparchia semele</i>	Grayling	Local	Local	.	1997	1997	
1625	<i>Pyronia tithonus</i>	Gatekeeper	Common	Local	.	1997	1997	Spreading
1626	<i>Maniola jurtina</i>	Meadow Brown	Common	Common	1997	1997	1998	
1627	<i>Coenonympha pamphilus</i>	Small Heath	Common	Common	1997	1998	1998	
1628	<i>Coenonympha tullia</i>	Large Heath	Notable/R	Local	.	1997	1998	
1629	<i>Aphantopus hyperantus</i>	Ringlet	Local	Common	.	1997	1998	
	Danaidae							
1630	<i>Danaus plexippus</i>	Milkweed	Vagrant	Vagrant	.	1995	1997	
	Lasiocampidae							
1631	<i>Poecilocampa populi</i>	December Moth	Common	Common	1994	1997	1999	
1632	<i>Trichiura crataegi</i>	Pale Eggar	Local	Local	.	1986	1996	
1633	<i>Eriogaster lanestris</i>	Small Eggar	Notable/B	Rare	.	1993	.	
1634	<i>Malacosoma neustria</i>	Lackey	Common		.	1996	1990	#
1636	<i>Lasiocampa trifolii</i>	Grass Eggar	Notable/A		.	1923	.	#
1637	<i>Lasiocampa quercus callunae</i>	Northern Eggar	Common	Common	1995	1999	1997	
1638	<i>Macrothylacia rubi</i>	Fox Moth	Common	Common	.	1997	1996	
1640	<i>Euthrix potatoria</i>	Drinker	Common	Common	.	1998	1997	
1642	<i>Gastropacha quercifolia</i>	Lappet	Notable/R		.	1969	1970	#
	Saturniidae							
1643	<i>Pavonia pavonia</i>	Emperor Moth	Common	Common	.	1998	1994	

	Drepanidae							
1645	<i>Falcaria lacertinaria</i>	Scalloped Hook-tip	Local	Local	.	1997	1999	
1646	<i>Drepana binaria</i>	Oak Hook-tip	Common	Common	.	1997	1951	
1647	<i>Drepana cultraria</i>	<i>Barred Hook-tip</i>	<i>Local</i>		.	1976	.	# single record
1648	<i>Drepana falcataria</i>	Pebble Hook-tip	Common	Common	.	1997	1998	
1651	<i>Cilix glaucata</i>	Chinese Character	Common	Common	.	1998	1999	
	Thyatiridae							
1652	<i>Thyatira batis</i>	Peach Blossom	Common	Common	.	1999	1999	
1653	<i>Habrosyne pyritoides</i>	Buff Arches	Common	Common	.	1999	1972	
1654	<i>Tethea ocularis</i>	Figure of Eighty	Common	Scarce	.	1998	.	
1655	<i>Tethea or</i>	Poplar Lutestring	Local	Extinct?	.	.	1955	
1656	<i>Tetheella fluctuosa</i>	Satin Lutestring	Notable/B	Local	.	1997	-1912	
1657	<i>Ochropacha duplaris</i>	Common Lutestring	Common	Common	.	1996	1999	
1658	<i>Cymatophorima diluta</i>	Oak Lutestring	Notable/R	Scarce	.	1984	1995	
1659	<i>Achlya flavicornis</i>	Yellow Horned	Common	Common	.	1997	1996	
1660	<i>Polyplocia ridens</i>	Frosted Green	Notable/R	Scarce	.	-1940	1999	
	Geometridae							
1661	<i>Archiearis parthenias</i>	Orange Underwing	Local	Local	.	1997	1997	
1662	<i>Archiearis notha</i>	<i>Light Orange Underwing</i>	<i>Notable/B</i>		.	.	-1912	#
1663	<i>Alsophila aescularia</i>	March Moth	Common	Common	1995	1997	1998	
1665	<i>Pseudoterpna pruinata</i>	Grass Emerald	Local	Local	.	1999	1995	
1666	<i>Geometra papilionaria</i>	Large Emerald	Common	Common	.	1999	1998	
1669	<i>Hemithea aestivaria</i>	Common Emerald	Common	Common	.	1998	1990	
1670	<i>Chlorissa viridata</i>	Small Grass Emerald	Notable/A	Rare	.	1950	1857	*
1673	<i>Hemistola chrysoprasaria</i>	<i>Small Emerald</i>	<i>Notable/R</i>				1900	#
1674	<i>Jodis lactearia</i>	Little Emerald	Common	Common	.	1984	-1933	
1675	<i>Cyclophora pendularia</i>	Dingy Mocha	RDB3	Extinct?	.	.	1913	
1676	<i>Cyclophora annulata</i>	Mocha	Notable/B	Extinct?	.	.	1857	
1677	<i>Cyclophora albipunctata</i>	Birch Mocha	Notable/R	Rare	.	1978	1882	
1680	<i>Cyclophora punctaria</i>	Maiden's Blush	Notable/R	Extinct?	.	.	-1923	
1681	<i>Cyclophora linearia</i>	Clay triple-lines	Notable/R	Rare	.	1999	.	first record 1999
1684	<i>Scopula nigropunctata</i>	<i>Sub-angled Wave</i>	<i>RDB2</i>		.	.	1857	#

B.&F. No.	Species Name	English Name	National Status	Cumbrian Status	VC65	VC69	VC70	Notes
1687	<i>Scopula ornata</i>	Lace Border	Notable/A		.	.	1903	#
1689	<i>Scopula marginepunctata</i>	Mullein Wave	Notable/R	Local	.	1998	1993	
1690	<i>Scopula imitaria</i>	Small Blood-vein	Common	Rare	.	1987	1979	
1692	<i>Scopula immutata</i>	Lesser Cream Wave	Notable/R	Scarce	.	1997	1995	
1693	<i>Scopula floslactata</i>	Cream Wave	Local	Local	.	1996	1995	
1694	<i>Scopula ternata</i>	Smoky Wave	Local	Local	.	1994	1999	
1698	<i>Idaea muricata</i>	Purple-bordered Gold	Notable/A	Scarce	.	1998	1992	
1702	<i>Idaea biselata</i>	Small Fan-footed Wave	Common	Common	.	1998	1999	
1705	<i>Idaea fuscovenosa</i>	Dwarf Cream Wave	Notable/R	Scarce	.	1997	1972	
1707	<i>Idaea seriata</i>	Small Dusty Wave	Common	Scarce	.	1999	1990	
1708	<i>Idaea dimidiata</i>	Single-dotted Wave	Common	Common	.	1998	1999	
1709	<i>Idaea subsericeata</i>	Satin Wave	Notable/R	Scarce	.	1987	-1923	
1711	<i>Idaea trigeminata</i>	Treble Brown Spot	Local		.	1900	-1923	#
1713	<i>Idaea aversata</i>	Riband Wave	Common	Common	.	1998	1998	
1715	<i>Idaea straminata</i>	Plain Wave	Local	Common	.	1997	1997	
1716	<i>Rhodometra sacraria</i>	Vestal	Migrant	Migrant	.	1995	.	
1718	<i>Phibalapteryx virgata</i>	Oblique Striped	Notable/B	Local	.	1997	1980	
1719	<i>Orthonama vittata</i>	Oblique Carpet	Local	Local	.	1999	1998	
1720	<i>Orthonama obstipata</i>	Gem	Migrant	Migrant	.	1998	1958	
1722	<i>Xanthorhoe designata</i>	Flame Carpet	Common	Common	.	1997	1999	
1723	<i>Xanthorhoe munitata</i>	Red Carpet	Local	Local	.	1997	1993	
1724	<i>Xanthorhoe spadicearia</i>	Red Twin-spot Carpet	Local	Common	.	1998	1976	
1725	<i>Xanthorhoe ferrugata</i>	Dark-barred Twin-spot Carpet	Common	Common	.	1998	1972	
1726	<i>Xanthorhoe quadrifasciata</i>	Large Twin-spot Carpet	Local		.	.	-1923	#
1727	<i>Xanthorhoe montanata</i>	Silver-ground Carpet	Common	Common	1994	1998	1999	
1728	<i>Xanthorhoe fluctuata</i>	Garden Carpet	Common	Common	1994	1998	1998	
1729	<i>Scotopteryx moeniata</i>	Fortified Carpet	Vagrant		.	.	-1855	#
1732	<i>Scotopteryx chenopodiata</i>	Shaded Broad-bar	Common	Common	.	1998	1999	
1733	<i>Scotopteryx mucronata</i>	Lead Belle	Local	Local	.	1995	1994	*) separate by
1734	<i>Scotopteryx luridata</i>	July Belle	Local	Local	.	1997	1992	*) genitalia

1737	<i>Epirrhoe tristata</i>	Small Argent & Sable	Common	Local	.	1993	1998	
1738	<i>Epirrhoe alternata</i>	Common Carpet	Common	Common	.	1998	1998	
1739	<i>Epirrhoe rivata</i>	Wood Carpet	Notable/R	Rare	.	1985	-1933	*
1740	<i>Epirrhoe galiata</i>	Galium Carpet	Local	Scarce	.	1993	1993	*
1742	<i>Camptogramma bilineata</i>	Yellow Shell	Common	Common	.	1998	1997	
1743	<i>Entephria flavicinctata</i>	Yellow-ringed Carpet	Notable/A	Scarce	.	1995	1979	
1744	<i>Entephria caesiata</i>	Grey Mountain Moth	Common	Scarce	.	1991	1983	
1745	<i>Larentia clavaria</i>	Mallow	Common	Rare	.	1998	1956	
1746	<i>Anticlea badiata</i>	Shoulder Stripe	Common	Common	.	1997	1999	
1747	<i>Anticlea derivata</i>	Streamer	Local	Common	.	1997	1998	
1748	<i>Mesoleuca albicillata</i>	Beautiful Carpet	Common	Local	.	1993	1990	
1749	<i>Pelurga comitata</i>	Dark Spinach	Common	Local	.	1998	-1923	
1750	<i>Lampropteryx suffumata</i>	Water Carpet	Common	Common	.	1997	1998	
1751	<i>Lampropteryx otregiata</i>	Devon Carpet	Notable/B	Once only	.	1991	.	* single record 4.7.91
1752	<i>Cosmorhoe ocellata</i>	Purple Bar	Common	Common	.	1998	1998	
1753	<i>Nebula salicata latentaria</i>	Striped Twin-spot Carpet	Local	Local	.	1996	1997	
1754	<i>Eulithis prunata</i>	Phoenix	Common	Common	1997	1997	1997	
1755	<i>Eulithis testata</i>	Chevron	Common	Common	.	1998	1997	
1756	<i>Eulithis populata</i>	Northern Spinach	Common	Common	.	1998	1998	
1757	<i>Eulithis mellinata</i>	Spinach	Common	Common	.	1997	1996	
1758	<i>Eulithis pyraliata</i>	Barred Straw	Common	Common	.	1997	1998	
1759	<i>Ecliptopera silaceata</i>	Small Phoenix	Common	Common	.	1997	1997	
1760	<i>Chloroclysta siterata</i>	Red-green Carpet	Common	Local	1994	1997	1997	
1761	<i>Chloroclysta miata</i>	Autumn Green Carpet	Common	Common	.	1997	1997	
1762	<i>Chloroclysta citrata</i>	Dark Marbled Carpet	Common	Common	.	1997	1997	
1764	<i>Chloroclysta truncata</i>	Common Marbled Carpet	Common	Common	1982	1998	1998	
1765	<i>Cidaria fulvata</i>	Barred Yellow	Common	Common	.	1997	1998	
1766	<i>Plemyria rubiginata</i>	Blue-bordered Carpet	Common	Common	.	1997	1997	
1767	<i>Thera firmata</i>	Pine Carpet	Common	Common	.	1994	1997	
1768	<i>Thera obeliscata</i>	Grey Pine Carpet	Common	Common	.	1998	1997	
1769	<i>Thera britannica</i>	Spruce Carpet	Common	Common	.	1998	1997	
1770	<i>Thera cognata</i>	Chestnut-coloured Carpet	Notable/B	Scarce	.	1993	1957	

B.&F. No.	Species Name	English Name	National Status	Cumbrian Status	VC65	VC69	VC70	Notes
1771	<i>Thera juniperata</i>	Juniper Carpet	Notable/B	Local	.	1996	1997	
1772	<i>Eustroma reticulata</i>	Netted Carpet	RDB2	Rare	.	1999	1999	
1773	<i>Electrophaes corylata</i>	Broken-barred Carpet	Common	Common	.	1997	1998	
1774	<i>Colostygia olivata</i>	Beech-green Carpet	Local	Local	.	1997	1993	
1775	<i>Colostygia multistrigaria</i>	Mottled Grey	Local	Common	.	1996	1997	
1776	<i>Colostygia pectinataria</i>	Green Carpet	Common	Common	.	1997	1998	
1777	<i>Hydriomena furcata</i>	July Highflyer	Common	Common	1997	1997	1997	
1778	<i>Hydriomena impluviata</i>	May Highflyer	Common	Local	.	1998	1995	
1779	<i>Hydriomena ruberata</i>	Ruddy Highflyer	Local	Scarce	.	1990	1998	
1780	<i>Coenocalpe lapidata</i>	<i>Slender-striped Rufous</i>	RDB3		.	-1907	.	#
1781	<i>Horisme vitalbata</i>	Small Waved Umber	Common	Rare	.	1952	.	
1784	<i>Melanthia procellata</i>	Pretty Chalk Carpet	Local	Scarce	.	1999	.	
1787	<i>Rheumaptera hastata</i>	Argent and Sable	Notable/B	Scarce	.	1998	-1923	
1788	<i>Rheumaptera cervinalis</i>	Scarce Tissue	Local	Rare	.	1948	1999	*
1789	<i>Rheumaptera undulata</i>	Scallop Shell	Local	Local	.	1998	1974	
1790	<i>Triphosa dubitata</i>	Tissue	Notable/R	Scarce	.	1997	1976	
1791	<i>Philereme vetulata</i>	Brown Scallop	Local	Rare	.	1993	.	
1792	<i>Philereme transversata</i>	Dark Umber	Local	Scarce	.	1993	.	
1794	<i>Euphyia unangulata</i>	<i>Sharp-angled Carpet</i>	Local		.	1918	1972	#
1795	<i>Epirrita dilutata</i>	November Moth	Common	Common	1995	1997	1996) Confirm
1796	<i>Epirrita christyi</i>	Pale November Moth	Local	Local	.	1996	1997) identity by
1797	<i>Epirrita autumnata</i>	Autumnal Moth	Common	Common	.	1991	1997) genitalia
1798	<i>Epirrita filigrammaria</i>	Small Autumnal Moth	Local	Local	.	1996	1997	
1799	<i>Operophtera brumata</i>	Winter Moth	Common	Common	1995	1997	1997	
1800	<i>Operophtera fagata</i>	Northern Winter Moth	Common	Common	.	1997	1997	
1801	<i>Perizoma taeniata</i>	Barred Carpet	Notable/A	Rare	.	1993	1971	
1802	<i>Perizoma affinitata</i>	Rivulet	Common	Common	.	1996	1996	
1803	<i>Perizoma alchemillata</i>	Small Rivulet	Common	Common	.	1998	1998	
1804	<i>Perizoma bifaciata</i>	Barred Rivulet	Local	Scarce	.	1998	1990	
1805	<i>Perizoma minorata</i>	Heath Rivulet	Notable/B	Rare	.	-1907	1979	*

1806	<i>Perizoma blandiata</i>	Pretty Pinion	Notable/B	Rare	.	.	1973	*
1807	<i>Perizoma albulata</i>	Grass Rivulet	Local	Local	.	1997	1996	
1808	<i>Perizoma flavofasciata</i>	Sandy Carpet	Common	Common	.	1997	1998	
1809	<i>Perizoma didymata</i>	Twin-spot Carpet	Common	Common	.	1998	1998	
1811	<i>Eupithecia tenuiata</i>	Slender Pug	Local	Local	.	1996	-1923	
1813	<i>Eupithecia haworthiata</i>	Haworth's Pug	Notable/R	Scarce	.	1984	.	*
1814	<i>Eupithecia plumbeolata</i>	Lead-coloured Pug	Notable/B	Rare	.	1922	-1933	*
1815	<i>Eupithecia abietaria</i>	Cloaked Pug	Local	Rare	.	1984	1889	*
1816	<i>Eupithecia linariata</i>	Toadflax Pug	Common	Local	.	1990	1996	
1817	<i>Eupithecia pulchellata</i>	Foxglove Pug	Common	Common	.	1999	1997	
1819	<i>Eupithecia exiguata</i>	Mottled Pug	Local	Local	.	1997	1996	
1821	<i>Eupithecia valerianata</i>	Valerian Pug	Notable/B	Rare	.	1952	1955	*
1822	<i>Eupithecia pygmaeata</i>	Marsh Pug	Local	Scarce	.	1990	-1923	*
1823	<i>Eupithecia venosata</i>	Netted Pug	Local	Scarce	.	1984	1973	
1825	<i>Eupithecia centaureata</i>	Lime-speck Pug	Common	Common	.	1998	1999	
1826	<i>Eupithecia trisignaria</i>	Triple-spotted Pug	Local	Rare	.	1997	.	*
1827	<i>Eupithecia intricata</i>	Edinburgh Pug	Common	Local	.	1986	c.1980	*
1828	<i>Eupithecia satyrata</i>	Satyr Pug	Local	Scarce	.	1984	-1933	*
1830	<i>Eupithecia absinthiata</i>	Wormwood Pug	Common	Common	.	1998	1997	*
1831	<i>Eupithecia goossensiata</i>	Ling Pug	Local	Local	.	1996	1996	*
1832	<i>Eupithecia assimilata</i>	Currant Pug	Local	Local	.	1996	1999	
1833	<i>Eupithecia expallidata</i>	Bleached Pug	Notable/B	Scarce	.	1993	.	
1834	<i>Eupithecia vulgata</i>	Common Pug	Common	Common	.	1998	1998	
1835	<i>Eupithecia tripunctaria</i>	White-spotted Pug	Local	Scarce	.	1991	1990	*
1837	<i>Eupithecia subfuscata</i>	Grey Pug	Common	Common	.	1997	1997	*
1838	<i>Eupithecia icterata</i>	Tawny-speckled Pug	Common	Common	.	1998	1998	
1839	<i>Eupithecia succenturiata</i>	Bordered Pug	Local	Local	.	1998	.	
1840	<i>Eupithecia subumbrata</i>	Shaded Pug	Local	Scarce	.	1984	-1923	
1842	<i>Eupithecia simpliciata</i>	Plain Pug	Local	Scarce	.	1992	.	*
1843	<i>Eupithecia distinctaria</i>	Thyme Pug	Notable/B	Rare	.	1973	.	*
1844	<i>Eupithecia indigata</i>	Ochreous Pug	Common	Scarce	.	1984	-1923	
1845	<i>Eupithecia pimpinellata</i>	Pimpinell Pug	Notable/B	Scarce	.	1995	.	*

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1846	<i>Eupithecia nanata angusta</i>	Narrow-winged Pug	Local	Local	.	1998	1997	
1848	<i>Eupithecia fraxinata</i>	Ash Pug	Local	Scarce	.	1975	1993	*
1851	<i>Eupithecia virgaureata</i>	Golden-rod Pug	Local	Local	.	1996	.	*
1852	<i>Eupithecia abbreviata</i>	Brindled Pug	Common	Common	.	1997	1998	*
1853	<i>Eupithecia dodoneata</i>	Oak-tree Pug	Common	Rare	.	.	1965	*
1854	<i>Eupithecia pusillata</i>	Juniper Pug	Local	Common	.	1997	1998	*
1856	<i>Eupithecia lariciata</i>	Larch Pug	Local	Local	.	1996	1996	*
1857	<i>Eupithecia tantillaria</i>	Dwarf Pug	Local	Scarce	.	1984	1955	*
1858	<i>Chloroclystis v-ata</i>	V-Pug	Local	Common	.	1997	1999	
1859	<i>Chloroclystis chloerata</i>	Sloe Pug	Common	Scarce	.	1984	.	*
1860	<i>Chloroclystis rectangulata</i>	Green Pug	Common	Common	.	1999	1998	
1862	<i>Gymnoscelis rufifasciata</i>	Double-striped Pug	Common	Common	.	1998	1998	
1864	<i>Chesias legatella</i>	Streak	Local	Local	.	1996	1996	
1865	<i>Chesias rufata</i>	Broom-tip	Notable/R	Extinct?	.	1894	1951	
1866	<i>Carsia sororiata anglica</i>	Manchester Treble-bar	Notable/B	Scarce	.	1998	1994	
1867	<i>Aplocera plagiata</i>	Treble Bar	Local	Common	.	1998	1998	
1868	<i>Aplocera efformata</i>	Lesser Treble-bar	Local		.	.	1968	#
1870	<i>Odezia atrata</i>	Chimney Sweeper	Common	Common	1995	1998	1998	
1872	<i>Discoloxia blomeri</i>	Blomer's Rivulet	Notable/B	Scarce	.	1993	1859	
1873	<i>Venusia cambrica</i>	Welsh Wave	Local	Local	.	1997	1997	
1874	<i>Euchoeca nebulata</i>	Dingy Shell	Local	Local	.	1984	-1923	
1875	<i>Asthena albulata</i>	Small White Wave	Common	Common	.	1997	1993	
1876	<i>Hydrelia flammeolaria</i>	Small Yellow Wave	Common	Local	.	1994	1997	
1877	<i>Hydrelia sylvata</i>	Waved Carpet	Notable/B	Rare	.	1989	1857	
1879	<i>Lobophora halterata</i>	Seraphim	Local	Scarce	.	1983	1996	
1880	<i>Trichopteryx polycommata</i>	Barred Tooth-striped	Notable/A	Scarce	.	1997	1953	
1881	<i>Trichopteryx carpinata</i>	Early Tooth-striped	Local	Local	.	1990	1997	
1882	<i>Pterapherapteryx sexalata</i>	Small Seraphim	Notable/R	Rare	.	1984	-1923	*
1883	<i>Acasis viretata</i>	Yellow-barred Brindle	Notable/R	Scarce	.	1998	c.1970s	
1884	<i>Abraxas grossulariata</i>	Magpie Moth	Common	Common	.	1998	1997	

1885	<i>Abraxas sylvata</i>	Clouded Magpie	Local	Local	.	1996	1997	
1887	<i>Lomaspilis marginata</i>	Clouded Border	Common	Common	1982	1997	1998	
1888	<i>Ligdia adustata</i>	Scorched Carpet	Local	Local	.	1996	-1923	
1889	<i>Semiothisa notata</i>	Peacock Moth	Notable/R	Rare	.	1997	-1857	*
1890	<i>Semiothisa alternaria</i>	Sharp-angled Peacock	Notable/R	Scarce	.	1990	.	
1893	<i>Semiothisa liturata</i>	Tawny-barred Angle	Common	Common	.	1997	1997	
1894	<i>Semiothisa clathrata</i>	Latticed Heath	Common	Common	.	1998	1998	
1896	<i>Semiothisa brunneata</i>	Rannoch Looper	Notable/A	Rare	.	1920	.	
1897	<i>Semiothisa wauaria</i>	V-Moth	Local	Local	.	1996	1997	
1902	<i>Petrophora chlorosata</i>	Brown Silver-line	Common	Common	.	1998	1997	
1903	<i>Plagodis pulveraria</i>	Barred Umber	Local	Local	.	1997	-1923	
1904	<i>Plagodis dolabraria</i>	Scorched Wing	Local	Local	.	1997	1999	
1906	<i>Opisthograptis luteolata</i>	Brimstone Moth	Common	Common	1995	1998	1998	
1907	<i>Epione repandaria</i>	Bordered Beauty	Local	Scarce	.	1991	-1923	
1908	<i>Epione paralellaria</i>	<i>Dark Bordered Beauty</i>	<i>RDB3</i>		.	.	-1882	#
1909	<i>Pseudopanthera macularia</i>	Speckled Yellow	Notable/R	Common	.	1997	1998	
1910	<i>Apeira syringaria</i>	Lilac Beauty	Local	Local	.	1995	1997	
1912	<i>Ennomos quercinaria</i>	<i>August Thorn</i>	<i>Local</i>		.	1952	-1923	#
1913	<i>Ennomos alniaria</i>	Canary-shouldered Thorn	Common	Common	.	1998	1997	
1914	<i>Ennomos fuscantaria</i>	Dusky Thorn	Common	Rare	.	1977	.	
1915	<i>Ennomos erosaria</i>	September Thorn	Local	Common	1993	1998	1997	
1917	<i>Selenia dentaria</i>	Early Thorn	Common	Common	1985	1998	1998	
1918	<i>Selenia lunularia</i>	Lunar Thorn	Local	Local	.	1997	1998	
1919	<i>Selenia tetralunaria</i>	<i>Purple Thorn</i>	<i>Local</i>		.	1984	1995	#
1920	<i>Odontopera bidentata</i>	Scalloped Hazel	Common	Common	.	1998	1998	
1921	<i>Crocallis elinguaris</i>	Scalloped Oak	Common	Common	1997	1998	1998	
1922	<i>Ourapteryx sambucaria</i>	Swallow-tailed Moth	Common	Common	.	1998	1997	
1923	<i>Colotois pennaria</i>	Feathered Thorn	Common	Common	1990	1997	1997	
1925	<i>Apocheima hispidaria</i>	Small Brindled Beauty	Notable/R	Local	.	1993	1986	
1926	<i>Apocheima pilosaria</i>	Pale Brindled Beauty	Common	Local	1993	1997	1998	
1927	<i>Lycia hirtaria</i>	Brindled Beauty	Local	Rare	.	1971	1997	*
1930	<i>Biston strataria</i>	Oak Beauty	Local	Local	.	1997	1998	

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1931	<i>Biston betularia</i>	Peppered Moth	Common	Common	.	1998	1998	
1932	<i>Agriopis leucophaearia</i>	Spring Usher	Common	Common	.	1991	1994	
1933	<i>Agriopis aurantiaria</i>	Scarce Umber	Common	Common		1996	1998	
1934	<i>Agriopis marginaria</i>	Dotted Border	Common	Common	1997	1997	1998	
1935	<i>Erannis defoliaria</i>	Mottled Umber	Common	Common	1994	1997	1997	
1936	<i>Menophra abruptaria</i>	Waved Umber	Local	Local	.	1997	.	
1937	<i>Peribatodes rhomboidaria</i>	Willow Beauty	Common	Common	.	1998	1998	
1938	<i>Selidosema brunnearia</i>	Bordered Grey	Notable/A	Scarce	.	1998	.	
1940	<i>Deileptenia ribeata</i>	Satin Beauty	Local	Local	.	1994	1882	
1941	<i>Alcis repandata</i>	Mottled Beauty	Common	Common	1997	1997	1998	
1942	<i>Alcis jubata</i>	Dotted Carpet	Notable/B	Rare	.	1931	1955	*
1945	<i>Cleorodes lichenaria</i>	Brussels Lace	Notable/R	Scarce	.	1978	1996	
1947	<i>Ectropis bistortata</i>	Engrailed	Common	Common	.	1997	1998	
1948	<i>Ectropis crepuscularia</i>	Small Engrailed	Local	Local	.	1990	1996	*
1949	<i>Paradarisa consonaria</i>	Square Spot	Local	Scarce	.	1997	.	
1951	<i>Aethalura punctulata</i>	Grey Birch	Common	Common	.	1997	1991	
1952	<i>Ematurga atomaria</i>	Common Heath	Common	Common	1995	1998	1997	
1954	<i>Bupalus piniaria</i>	Bordered White	Common	Common	.	1997	1997	
1955	<i>Cabera pusaria</i>	Common White Wave	Common	Common	.	1998	1998	
1956	<i>Cabera exanthemata</i>	Common Wave	Common	Common	.	1998	1998	
1957	<i>Lomographa bimaculata</i>	White-pinion Spotted	Common	Common	.	1997	1990	
1958	<i>Lomographa temerata</i>	Clouded Silver	Local	Common	.	1997	1996	
1960	<i>Theria primaria</i>	Early Moth	Common	Common	1987	1996	1998	
1961	<i>Campaea margaritata</i>	Light Emerald	Common	Common	.	1999	1998	
1962	<i>Hylaea fasciaria</i>	Barred Red	Common	Common	.	1999	1998	
1964	<i>Gnophos obscurata</i>	Annulet	Notable/R	Local	.	1997	-1923	
1969	<i>Dyscia fagaria</i>	Grey Scalloped Bar	Local	Scarce	.	1984	1989	
1970	<i>Perconia strigillaria</i>	Grass Wave	Notable/B	Local	.	1998	1969	
	Sphingidae							
1972	<i>Agrius convolvuli</i>	Convolvulus Hawk-moth	Migrant	Migrant	.	1998	1997	

1973	<i>Acherontia atropos</i>	Death's-head Hawk-moth	Migrant	Migrant	.	1990	1992	
1976	<i>Sphinx ligustri</i>	Privet Hawk-moth	Notable/R		.	.	-1912	#
1978	<i>Hyloicus pinastri</i>	Pine Hawk-moth	Migrant		.	.	1988	#
1980	<i>Smerinthus ocellata</i>	Eyed Hawk-moth	Common	Common	.	1998	1972	
1981	<i>Laothoe populi</i>	Poplar Hawk-moth	Common	Common	1986	1998	1998	
1982	<i>Hemaris tityus</i>	Narrow-bordered Bee Hawk-moth	Notable/A	Rare	.	1996	1990	
1984	<i>Macroglossum stellatarum</i>	Humming-bird Hawk-moth	Migrant	Migrant	.	1996	1997	
1985	<i>Daphnis nerii</i>	Oleander Hawk-moth	Migrant	Migrant	.	1947	1953	
1986	<i>Hyles euphorbiae</i>	Spurge Hawk-moth	Migrant	Migrant	.	1871	.	single record only
1987	<i>Hyles galii</i>	Bedstraw Hawk-moth	Migrant	Migrant	.	1997	1991	
1990	<i>Hyles lineata</i>	Striped Hawk-moth	Migrant	Migrant	.	1949	1960	
1991	<i>Deilephila elpenor</i>	Elephant Hawk-moth	Common	Common	.	1997	1997	
1992	<i>Deilephila porcellus</i>	Small Elephant Hawk-moth	Local	Local	.	1998	1997	
1993	<i>Hippotion celerio</i>	Silver-striped Hawk-moth	Migrant	Migrant	.	1922	1958	
	Notodontidae							
1994	<i>Phalera bucephala</i>	Buff-tip	Common	Common	.	1997	1998	
1995	<i>Cerura vinula</i>	Puss Moth	Common	Common	.	1998	1999	
1996	<i>Furcula bicuspis</i>	Alder Kitten	Notable/B		.	1905	.	#
1997	<i>Furcula furcula</i>	Sallow Kitten	Local	Scarce	.	1997	1999	
1998	<i>Furcula bifida</i>	Poplar Kitten	Notable/R	Rare	.	1976	-1912	
2000	<i>Notodonta dromedarius</i>	Iron Prominent	Common	Common	.	1997	1998	
2003	<i>Eligmodonta ziczac</i>	Pebble Prominent	Common	Common	.	1998	1998	
2005	<i>Peridea anceps</i>	Great Prominent	Local	Local	.	1997	1974	
2006	<i>Pheosia gnoma</i>	Lesser Swallow Prominent	Common	Common	.	1998	1998	
2007	<i>Pheosia tremula</i>	Swallow Prominent	Common	Local	.	1996	1996	
2008	<i>Ptilodon capucina</i>	Coxcomb Prominent	Common	Common	.	1998	1998	
2010	<i>Odontosia carmelita</i>	Scarce Prominent	Local	Local	.	1990	1997	
2011	<i>Pterostoma palpina</i>	Pale Prominent	Common	Common	.	1997	1997	
2014	<i>Drymonia dodonaea</i>	Marbled Brown	Notable/R	Scarce	.	1997	1997	
2015	<i>Drymonia ruficornis</i>	Lunar Marbled Brown	Local	Local	.	1993	1997	
2017	<i>Clostera pigra</i>	Small Chocolate-tip	Notable/B	Extinct?	.	1933	-1933	

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2019	<i>Clostera curtula</i>	<i>Chocolate-tip</i>	<i>Notable/R</i>		.	###	-1912	#
2020	<i>Diloba caeruleocephala</i>	Figure of Eight	Common	Common	.	1997	1997	
	Lymantriidae							
2026	<i>Orgyia antiqua</i>	Vapourer	Common	Local	.	1997	1997	
2027	<i>Dicallomera fascelina</i>	Dark Tussock	Local	Local	.	1998	1989	
2028	<i>Calliteara pudibunda</i>	Pale Tussock	Common	Common	.	1998	-1912	
2030	<i>Euproctis similis</i>	Yellow-tail	Common	Common	.	1998	1999	
2031	<i>Leucoma salicis</i>	White Satin	Local	Local	.	1998	1996	
	Arctiidae							
###	<i>Thumatha senex</i>	<i>Round-winged Muslin</i>	<i>Local</i>		.	.	-1879	#
2038	<i>Nudaria mundana</i>	Muslin Footman	Local	Common	.	1997	1997	
2039	<i>Atolmis rubricollis</i>	Red-necked Footman	Notable/B	Scarce	.	1991	-1912	
2040	<i>Cybosia mesomella</i>	Four-dotted Footman	Local	Local	.	1997	1998	
2047	<i>Eilema complana</i>	Scarce Footman	Notable/R	Rare	.	1985	1987	
2050	<i>Eilema lurideola</i>	Common Footman	Common	Common	1997	1998	1998	
2051	<i>Lithosia quadra</i>	Four-spotted Footman	Local	Migrant	.	1986	-1912	
2054	<i>Utetheisa pulchella</i>	Crimson Speckled	Migrant	Migrant		1892	1961	
2056	<i>Parasemia plantaginis</i>	Wood Tiger	Local	Local	1995	1996	1993	
2057	<i>Arctia caja</i>	Garden Tiger	Common	Common	.	1998	1998	
2059	<i>Diacrisia sannio</i>	Clouded Buff	Local	Local	.	1996	1972	
2060	<i>Spilosoma lubricipeda</i>	White Ermine	Common	Common	1995	1998	1998	
2061	<i>Spilosoma luteum</i>	Buff Ermine	Common	Common	1994	1998	1998	
2063	<i>Diaphora mendica</i>	Muslin Moth	Common	Common	.	1996	1998	
2064	<i>Phragmatobia fuliginosa</i>	Ruby Tiger	Common	Common	.	1998	1993	
2068	<i>Callimorpha dominula</i>	Scarlet Tiger	Local	Rare	.	1984	.	
2069	<i>Tyria jacobaeae</i>	Cinnabar	Common	Common	1997	1998	1997	
	Nolidae							
2077	<i>Nola cucullatella</i>	Short-cloaked Moth	Common	Local	.	1997	-1912	
2078	<i>Nola confusalis</i>	Least Black Arches	Local	Common	.	1997	1996	
	Noctuidae							

2081	<i>Euxoa tritici</i>	White-line Dart	Common	Common	.	1998	1997	
2082	<i>Euxoa nigricans</i>	Garden Dart	Common	Common	.	1995	1995	
2083	<i>Euxoa cursoria</i>	Coast Dart	Notable/B	Scarce	.	1998	1993	
2084	<i>Agrotis cinerea</i>	Light Feathered Rustic	Notable/B	Extinct?	.	.	-1912	
2085	<i>Agrotis vestigialis</i>	Archer's Dart	Local	Local	.	1998	1987	
2087	<i>Agrotis segetum</i>	Turnip Moth	Common	Common	.	1997	1998	
2088	<i>Agrotis clavis</i>	Heart and Club	Common	Local	.	1997	1990	
2089	<i>Agrotis exclamationis</i>	Heart and Dart	Common	Common	.	1998	1998	
2090	<i>Agrotis trux lunigera</i>	Crescent Dart	Notable/B	Rare	.	1989	.	
2091	<i>Agrotis ipsilon</i>	Dark Sword-grass	Migrant	Migrant	1990	1998	1998	
2092	<i>Agrotis puta</i>	Shuttle-shaped Dart	Common	Local	.	1998	1994	
2093	<i>Agrotis ripae</i>	Sand Dart	Notable/B	Scarce	.	1998	1987	
2098	<i>Axylia putris</i>	Flame	Common	Common	.	1998	1998	
2099	<i>Actebia praecox</i>	Portland Moth	Notable/B	Local	.	1998	1999	
2102	<i>Ochropleura plecta</i>	Flame Shoulder	Common	Common	.	1998	1998	
2103	<i>Eugnorisma depuncta</i>	Plain Clay	Local	Rare	.	.	1958	*
2104	<i>Standfussiana lucernea</i>	Northern Rustic	Local	Local	.	1996	1955	
2105	<i>Rhyacia simulans</i>	Dotted Rustic	Local	Local	.	1989	1990	
2107	<i>Noctua pronuba</i>	Large Yellow Underwing	Common	Common	1997	1998	1998	
2109	<i>Noctua comes</i>	Lesser Yellow Underwing	Common	Common	1993	1998	1997	
2110	<i>Noctua fimbriata</i>	Broad-bordered Yellow Underwing	Common	Common	.	1998	1999	
2111	<i>Noctua janthe</i>	Lsr. Brd. Bdrd. Yellow Underwing	Common	Common	.	1998	1997	
2112	<i>Noctua interjecta</i>	Least Yellow Underwing	Common	Common	.	1998	1997	
2113	<i>Spaelotis ravidata</i>	Stout Dart	Migrant	Migrant	.	1972	-1933	
2114	<i>Graphiphora augur</i>	Double Dart	Common	Common	.	1991	1997	
2117	<i>Paradiarsia glareosa</i>	Autumnal Rustic	Common	Common	.	1997	1997	
2118	<i>Lycophotia porphyria</i>	True Lover's Knot	Common	Common	.	1998	1998	
2119	<i>Peridromia saucia</i>	Pearly Underwing	Migrant	Migrant	.	1998	1996	
2120	<i>Diarsia mendica mendica</i>	Ingrailed Clay	Common	Common	1994	1998	1997	
2121	<i>Diarsia dahlii</i>	Barred Chestnut	Local	Local	.	1997	1995	
2122	<i>Diarsia brunnea</i>	Purple Clay	Common	Common	.	1997	1997	
2123	<i>Diarsia rubi</i>	Small Square-spot	Common	Common	.	1998	1998	

B.&F. No.	Species Name	English Name	National Status	Cumbrian Status	VC65	VC69	VC70	Notes
2124	<i>Diarsia florida</i>	<i>Fen Square-spot</i>	<i>Local</i>			1959	1974	#
2125	<i>Xestia alpicola alpina</i>	Northern Dart	Notable/A	Rare	.	.	1981	
2126	<i>Xestia c-nigrum</i>	Setaceous Hebrew Character	Common	Common	.	1998	1997	
2127	<i>Xestia ditrapezium</i>	Triple-spotted Clay	Notable/R	Local	.	1997	1955	
2128	<i>Xestia triangulum</i>	Double Square-spot	Common	Common	1997	1997	1997	
2130	<i>Xestia baja</i>	Dotted Clay	Common	Common	1997	1998	1998	
2131	<i>Xestia rhomboidea</i>	Square-spotted Clay	Notable/B	Scarce	.	1996	1971	
2132	<i>Xestia castanea</i>	Neglected Rustic	Local	Local	.	1998	1995	
2133	<i>Xestia sexstrigata</i>	Six-striped Rustic	Common	Common	.	1998	1997	
2134	<i>Xestia xanthographa</i>	Square-spot Rustic	Common	Common	.	1998	1997	
2135	<i>Xestia agathina</i>	Heath Rustic	Local	Local	.	1998	1990	
2136	<i>Naenia typica</i>	Gothic	Local	Local	.	1996	1997	
2137	<i>Eurois occulta</i>	Great Brocade	Notable/A	Migrant	.	1995	1996	
2138	<i>Anaplectoides prasina</i>	Green Arches	Common	Common	.	1999	1997	
2139	<i>Cerastis rubricosa</i>	Red Chestnut	Common	Common	1997	1997	1998	
2140	<i>Cerastis leucographa</i>	White-marked	Notable/B	Scarce	.	1984	1953	
2142	<i>Anarta myrtilli</i>	Beautiful Yellow Underwing	Common	Local	.	1998	1991	
2145	<i>Discestra trifolii</i>	Nutmeg	Local	Local	.	1998	1978	
2147	<i>Hada nana</i>	Shears	Local	Common	.	1998	1997	
2148	<i>Polia bombycina</i>	<i>Pale Shining Brown</i>	<i>Local</i>		.	.	-1912	#
2149	<i>Polia trimaculosa</i>	Silvery Arches	Notable/B	Scarce	.	1984	1985	
2150	<i>Polia nebulosa</i>	Grey Arches	Common	Common	.	1997	1994	
2152	<i>Sideridis albicolon</i>	White Colon	Notable/B	Scarce	.	1998	.	
2154	<i>Mamestra brassicae</i>	Cabbage Moth	Common	Common	.	1998	1997	
2155	<i>Melanchnra persicariae</i>	Dot Moth	Common	Common	.	1998	1997	
2156	<i>Lacanobia contigua</i>	Beautiful Brocade	Local	Scarce	.	1996	1996	
2157	<i>Lacanobia w-latinum</i>	<i>Light Brocade</i>	<i>Notable/R</i>		.	1936	-1912	#
2158	<i>Lacanobia thalassina</i>	Pale-shouldered Brocade	Common	Common	.	1998	1998	
2159	<i>Lacanobia suasa</i>	Dog's Tooth	Notable/R	Local	.	1998	1997	
2160	<i>Lacanobia oleracea</i>	Bright-line Brown-eye	Common	Common	.	1998	1997	

2162	Papestra biren	Glaucous Shears	Local	Local	1996	1998	1976	
2163	Ceramica pisi	Broom Moth	Common	Common	.	1998	1998	
2164	Hecatera bicolorata	Broad-barred White	Local	Local	.	1995	1971	
2166	Hadena rivularis	Campion	Common	Common	.	1998	1993	
2167	Hadena perplexa	Tawny Shears	Local	Local	.	1998	1991	
2171	Hadena confusa	Marbled Coronet	Local	Local	.	1998	1983	
2173	Hadena bicurris	Lychnis	Common	Common	.	1998	1998	
2176	Cerapteryx graminis	Antler Moth	Common	Common	1997	1998	1997	
2177	Tholera cespitis	Hedge Rustic	Common	Common	.	1998	1999	
2178	Tholera decimalis	Feathered Gothic	Common	Common	.	1998	1995	
2179	Panolis flammea	Pine Beauty	Common	Common	.	1998	1999	
2182	Orthosia cruda	Small Quaker	Common	Common	.	1997	1998	
2183	Orthosia miniosa	Blossom Underwing	Notable/R	Scarce	.	1980	1953	
2184	Orthosia opima	Northern Drab	Local	Scarce	.	1990	1953	
2185	Orthosia populeti	Lead-coloured Drab	Local	Rare	.	1953	-1933	*
2186	Orthosia gracilis	Powdered Quaker	Common	Common	.	1998	1998	
2187	Orthosia cerasi	Common Quaker	Common	Common	1997	1997	1998	
2188	Orthosia incerta	Clouded Drab	Common	Common	1995	1998	1997	
2189	Orthosia munda	Twin-spotted Quaker	Local	Common	1990	1997	1998	
2190	Orthosia gothica	Hebrew Character	Common	Common	1997	1998	1998	
2192	Mythimna conigera	Brown-line Bright Eye	Common	Common	.	1998	1987	
2193	Mythimna ferrago	Clay	Common	Common	.	1998	1998	
2195	Mythimna vitellina	Delicate	Migrant	Migrant	.	1992	.	
2196	Mythimna pudorina	Striped Wainscot	Notable/R	Extinct?	.	.	1857	
2197	Mythimna straminea	Southern Wainscot	Local	Scarce	.	1997	.	
2198	Mythimna impura	Smoky Wainscot	Common	Common	1997	1998	1997	
2199	Mythimna pallens	Common Wainscot	Common	Common	.	1998	1997	
2201	Mythimna litoralis	Shore Wainscot	Notable/B	Local	.	1998	1987	
2203	Mythimna unipuncta	White-speck	Migrant	Migrant	.	1996	.	rare
2204	Mythimna obsoleta	Obscure Wainscot	Local	Rare	.	1984	.	*
2205	Mythimna comma	Shoulder-striped Wainscot	Common	Common	.	1998	1998	
2211	Cucullia absinthii	Wormwood	Notable/B	Rare	.	.	1970	*

B.&F. No.	Species Name	English Name	National Status	Cumbrian Status	VC65	VC69	VC70	Notes
2214	<i>Cucullia chamomillae</i>	Chamomile Shark	Local	Scarce	.	1998	1953	
2216	<i>Cucullia umbratica</i>	Shark	Local	Local	.	1998	1997	
2217	<i>Cucullia asteris</i>	Star-wort	Notable/B	Rare	.	1906	.	*
2221	<i>Cucullia verbasci</i>	Mullein	Common	Local	.	1990	.	
2225	<i>Brachylomia viminalis</i>	Minor Shoulder-knot	Common	Common	.	1997	1997	
2227	<i>Brachionycha sphinx</i>	Sprawler	Local	Local	.	1994	1997	
2229	<i>Dasypolia templi</i>	Brindled Ochre	Local	Scarce	.	1984	1993	
2231	<i>Aporophyla lutulenta</i>	Deep-brown Dart	Local	Rare	.	1989	-1933	
2232	<i>Aporophyla nigra</i>	Black Rustic	Common	Common	.	1998	1990	
2233	<i>Lithomoia solidaginis</i>	Golden-rod Brindle	Local	Scarce	.	1984	1976	
2236	<i>Lithophane hepatica</i>	Pale Pinion	Local	Scarce	.	1996	1999	1st record 1994
2237	<i>Lithophane ornitopus</i>	Grey Shoulder-knot	Notable/R	Rare	.	1957	.	
2240	<i>Lithophane leautieri</i>	Blair's Shoulder-knot	Common	Scarce	.	1998	1999	1st record 1996
2241	<i>Xylena vetusta</i>	Red Sword-grass	Local	Local	.	1998	1994	
2242	<i>Xylena exsoleta</i>	Sword-grass	Notable/B	Rare	.	1984	1965	
2243	<i>Xylocampa areola</i>	Early Grey	Common	Common	1995	1997	1998	
2245	<i>Allophyes oxyacanthae</i>	Green-brindled Crescent	Common	Common	.	1998	1997	
2247	<i>Dichonia aprilina</i>	Merveille du Jour	Local	Local	.	1997	1997	
2248	<i>Dryobotodes eremita</i>	Brindled Green	Common	Local	.	1996	1955	
2250	<i>Mniotype adusta</i>	Dark Brocade	Common	Common	.	1997	1996	
2254	<i>Antitype chi</i>	Grey Chi	Common	Common	1997	1997	1997	
2255	<i>Eumichtis lichenea</i>	Feathered Ranunculus	Local	Local	.	1998	1979	
2256	<i>Eupsilia transversa</i>	Satellite	Common	Local	.	1998	1997	
2258	<i>Conistra vaccinii</i>	Chestnut	Common	Common	1995	1997	1997	
2259	<i>Conistra ligula</i>	Dark Chestnut	Common	Local	.	1996	1999	
2262	<i>Agrochola circellaris</i>	Brick	Common	Common	1993	1997	1996	
2263	<i>Agrochola lota</i>	Red-line Quaker	Common	Common	.	1998	1997	
2264	<i>Agrochola macilenta</i>	Yellow-line Quaker	Common	Common	.	1996	1997	
2265	<i>Agrochola helvola</i>	Flounced Chestnut	Common	Common	.	1997	1999	
2266	<i>Agrochola litura</i>	Brown-spot Pinion	Common	Local	.	1995	1997	

2267	<i>Agrochola lychnidis</i>	Beaded Chestnut	Local	Scarce	.	1984	1995	
2268	<i>Parastichtis suspecta</i>	Suspected	Local	Local	.	1996	1997	
2269	<i>Atethmia centrigo</i>	Centre-barred Sallow	Common	Common	.	1997	1997	
2270	<i>Omphaloscelis lunosa</i>	Lunar Underwing	Common	Local	.	1998	1993	
2271	<i>Xanthia citrigo</i>	Orange Sallow	Common	Scarce	.	1996	1985	
###	<i>Xanthia aurago</i>	<i>Barred Sallow</i>	<i>Local</i>	<i>Rare</i>	.	1995	.	#
2273	<i>Xanthia togata</i>	Pink-barred Sallow	Common	Common	1993	1998	1998	
2274	<i>Xanthia icteritia</i>	Sallow	Common	Common	1990	1997	1997	
2275	<i>Xanthia gilvago</i>	Dusky-lemon Sallow	Local	Local	.	1996	1997	
2278	<i>Acronicta megacephala</i>	Poplar Grey	Common	Rare	.	1995	1998	
2280	<i>Acronicta leporina</i>	Miller	Common	Local	.	1998	1997	
2281	<i>Acronicta alni</i>	Alder Moth	Local	Local	.	1996	1994	
2283	<i>Acronicta tridens</i>	Dark Dagger	Local	Scarce	.	1996	1990	*
2284	<i>Acronicta psi</i>	Grey Dagger	Common	Common	1979	1999	1997	
2286	<i>Acronicta menyanthidis</i>	Light Knot Grass	Local	Local	.	1996	1994	
2289	<i>Acronicta rumicis</i>	Knot Grass	Common	Common	1985	1997	1997	
2291	<i>Craniophora ligustri</i>	Coronet	Local	Local	.	1997	1993	
2293	<i>Cryphia domestica</i>	Marbled Beauty	Common	Common	.	1998	1998	
2297	<i>Amphipyra pyramidea</i>	Copper Underwing	Local	Local	.	1996	1995	
2298	<i>Amphipyra berbera svenssoni</i>	Svensson's Copper Underwing	Local	Local	.	1997	1997	
2299	<i>Amphipyra tragopoginis</i>	Mouse Moth	Common	Common	.	1998	1997	
2300	<i>Mormo maura</i>	Old Lady	Local	Local	.	1996	1997	
2301	<i>Dypterygia scabriuscula</i>	Bird's Wing	Notable/R	Rare	.	1972	-1912	
2302	<i>Rusina ferruginea</i>	Brown Rustic	Common	Common	.	1996	1996	
2303	<i>Thalpophila matura</i>	Straw Underwing	Local	Local	.	1997	1987	
2305	<i>Euplexia lucipara</i>	Small Angle Shades	Common	Common	1995	1997	1997	
2306	<i>Phlogophora meticulosa</i>	Angle Shades	Common	Common	1997	1998	1998	
2312	<i>Ipimorpha subtusa</i>	Olive	Local	Local	.	1998	1994	
2313	<i>Enargia paleacea</i>	Angle-striped Sallow	Notable/B	Scarce	.	1990	1997	Migrant?
2314	<i>Parastichtis ypsilon</i>	Dingy Shears	Local	Rare	.	1973	1997	
2316	<i>Cosmia affinis</i>	Lesser -spotted Pinion	Notable/R	Extinct?	.	.	1955	
2318	<i>Cosmia trapezina</i>	Dun-bar	Common	Common	.	1997	1997	

B.&F. No.	Species Name	English Name	National Status	Cumbrian Status	VC65	VC69	VC70	Notes
2320	<i>Hyppa rectilinea</i>	Saxon	Notable/B	Scarce	.	1998	1939	
2321	<i>Apamea monoglypha</i>	Dark Arches	Common	Common	1997	1998	1998	
2322	<i>Apamea lithoxylea</i>	Light Arches	Common	Common	.	1998	1997	
2323	<i>Apamea sublustris</i>	Reddish Light Arches	Local	Rare	.	1999	-1912	
2325	<i>Apamea oblonga</i>	Crescent Striped	Notable/B	Scarce	.	1997	.	
2326	<i>Apamea crenata</i>	Clouded-bordered Brindle	Common	Common	.	1998	1997	
2327	<i>Apamea epomidion</i>	Clouded Brindle	Common	Local	.	1997	-1912	
2329	<i>Apamea furva britannica</i>	Confused	Local	Scarce	.	1990	1976	*
2330	<i>Apamea remissa</i>	Dusky Brocade	Common	Common	.	1998	1997	
2331	<i>Apamea unanimitis</i>	Small Clouded Brindle	Common	Local	.	1999	1995	
2333	<i>Apamea anceps</i>	Large Nutmeg	Notable/R	Extinct?	.	1905	-1912	*
2334	<i>Apamea sordens</i>	Rustic Shoulder-knot	Common	Common	.	1998	1998	
2335	<i>Apamea scolopacina</i>	Slender Brindle	Local	Local	.	1997	1997	
2336	<i>Apamea ophiogramma</i>	Double Lobed	Local	Local	.	1996	1995	
2337	<i>Oligia strigilis</i>	Marbled Minor	Common	Common	.	1998	1997) separation
2338	<i>Oligia versicolor</i>	Rufous Minor	Local	Local	.	1991	1998) by examining
2339	<i>Oligia latruncula</i>	Tawny Marbled Minor	Common	Common	.	1997	1998) genitalia
2340	<i>Oligia fasciuncula</i>	Middle-barred Minor	Common	Common	.	1998	1998) may be
2341	<i>Mesoligia furuncula</i>	Cloaked Minor	Common	Common	.	1998	1996) necessary
2342	<i>Mesoligia literosa</i>	Rosy Minor	Common	Common	.	1998	1997)
2343	<i>Mesapamea secalis</i>	Common Rustic	Common	Common	1997	1998	1998	
2343a	<i>Mesapamea didyma</i>	Lesser Common Rustic	Common	Common	.	1997	1987	*
2344	<i>Photedes captiuncula</i>	Least Minor	RDB3	Scarce	.	1994	.	
2345	<i>Photedes minima</i>	Small Dotted Buff	Common	Common	.	1997	1998	
2350	<i>Photedes pygmina</i>	Small Wainscot	Common	Common	.	1998	1998	
2353	<i>Luperina testacea</i>	Flounced Rustic	Common	Common	1997	1998	1997	
2357	<i>Amphipoea lucens</i>	Large Ear	Local	Local	.	1990	1997	*) separate
2359	<i>Amphipoea crinanensis</i>	Crinan Ear	Local	Local	.	1993	1976	*) by examining
2360	<i>Amphipoea oculatea</i>	Ear Moth	Common	Common	.	1997	1997	*) genitalia
2361	<i>Hydraecia micacea</i>	Rosy Rustic	Common	Common	1997	1998	1997	

2362	<i>Hydraecia petasitis</i>	Butterbur	Local	Scarce	.	1975	1994	
2364	<i>Gortyna flavago</i>	Frosted Orange	Common	Common	.	1998	1999	
2367	<i>Celaena haworthii</i>	Haworth's Minor	Local	Local	.	1995	1990	
2368	<i>Celaena leucostigma</i>	Crescent	Local	Local	.	1997	1995	
2369	<i>Nonagria typhae</i>	Bulrush Wainscot	Common	Local	.	1996	1992	
2375	<i>Rhizedra lutosa</i>	Large Wainscot	Common	Common	.	1998	1997	
2377	<i>Arenostola phragmitidis</i>	Fen Wainscot	Local	Local	.	1993	.	
2380	<i>Charanyca trigrammica</i>	Treble Lines	Local	Local	.	1998	1958	
2381	<i>Hoplodrina alsines</i>	Uncertain	Local	Common	.	1997	1990	
2382	<i>Hoplodrina blanda</i>	Rustic	Common	Common	.	1997	1997	
2385	<i>Spodoptera exigua</i>	Small Mottled Willow	Migrant	Migrant	.	1998	1990	
2387	<i>Caradrina morpheus</i>	Mottled Rustic	Common	Common	.	1998	1997	
2389	<i>Caradrina clavipalpis</i>	Pale Mottled Willow	Common	Common	.	1998	1997	
2391	<i>Chilodes maritimus</i>	Silky Wainscot	Notable/B	Rare	.	1994	.	
2392	<i>Athetis pallustris</i>	Marsh Moth	RDB3	Extinct?	.	.	1902	
2394	<i>Stilbia anomala</i>	Anomalous	Local	Common	.	1997	1997	
2397	<i>Panemeria tenebrata</i>	Small Yellow Underwing	Local	Local	.	1994	1990	
2399	<i>Pyrrhia umbra</i>	Bordered Sallow	Notable/R	Scarce	.	1998	1960	
2400	<i>Helicoverpa armigera</i>	Scarce Bordered Straw	Migrant	Migrant	.	1996	.	
2403	<i>Heliothis peltigera</i>	Bordered Straw	Migrant	Migrant	.	1996	1992	
2405	<i>Protoschinia scutosa</i>	Spotted Clover Moth	Unknown	Migrant	.	.	1835	
2407	<i>Eublemma ostrina</i>	Purple Marbled	Migrant	Migrant	.	1992	.	single record
2408	<i>Eublemma parva</i>	Small Marbled	Migrant	Migrant	.	1998	.	
2412	<i>Deltote uncula</i>	Silver Hook	Local	Local	.	1997	1994	
2422	<i>Pseudoips fagana britannica</i>	Green Silver-lines	Local	Local	.	1999	1994	
2423	<i>Nycteola revayana</i>	Oak Nycteoline	Notable/R	Scarce	.	1997	-1912	
2425	<i>Colocasia coryli</i>	Nut-tree Tussock	Common	Common	.	1998	1994	
2432	<i>Trichoplusia ni</i>	Ni Moth	Migrant	Migrant	.	1996	.	2 records
2434	<i>Diachrysia chrysitis</i>	Burnished Brass	Common	Common	1983	1998	1997	
2436	<i>Macdunnoughia confusa</i>	Dewick's Plusia	Migrant	Migrant	.	.	1954	single record
2437	<i>Polychrysia moneta</i>	Golden Plusia	Common	Local	.	1999	1996	

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<i>Abraxas grossulariata</i>	1884	<i>Amphipyra pyramidea</i>	2297
<i>Abraxas sylvata</i>	1885	<i>Amphipyra tragopoginis</i>	2299
<i>Abrostola trigemina</i>	2449	<i>Anaplectoides prasina</i>	2138
<i>Abrostola triplasia</i>	2450	<i>Anarta myrtilli</i>	2142
<i>Acasis viretata</i>	1883	<i>Anthocharis cardamines</i>	1553
<i>Acherontia atropos</i>	1973	<i>Anticlea badiata</i>	1746
<i>Achlya flavicornis</i>	1659	<i>Anticlea derivata</i>	1747
<i>Acronicta alni</i>	2281	<i>Antitype chi</i>	2254
<i>Acronicta leporina</i>	2280	<i>Apamea anceps</i>	2333
<i>Acronicta megacephala</i>	2278	<i>Apamea crenata</i>	2326
<i>Acronicta menyanthidis</i>	2286	<i>Apamea epomidion</i>	2327
<i>Acronicta psi</i>	2284	<i>Apamea furva britannica</i>	2329
<i>Acronicta rumicis</i>	2289	<i>Apamea lithoxylea</i>	2322
<i>Acronicta tridens</i>	2283	<i>Apamea monoglypha</i>	2321
<i>Actebia praecox</i>	2099	<i>Apamea oblonga</i>	2325
<i>Adscita geryon</i>	164	<i>Apamea ophiogramma</i>	2336
<i>Adscita statices</i>	163	<i>Apamea remissa</i>	2330
<i>Aethalura punctulata</i>	1951	<i>Apamea scolopacina</i>	2335
<i>Aglais urticae</i>	1593	<i>Apamea sordens</i>	2334
<i>Agriopis aurantiaria</i>	1933	<i>Apamea sublustris</i>	2323
<i>Agriopis leucophaearia</i>	1932	<i>Apamea unanimis</i>	2331
<i>Agriopis marginaria</i>	1934	<i>Apeira syringaria</i>	1910
<i>Agrius convolvuli</i>	1972	<i>Aphantopus hyperantus</i>	1629
<i>Agrochola circellaris</i>	2262	<i>Aplocera efformata</i>	1868
<i>Agrochola helvola</i>	2265	<i>Aplocera plagiata</i>	1867
<i>Agrochola litura</i>	2266	<i>Apocheima hispidaria</i>	1925
<i>Agrochola lota</i>	2263	<i>Apocheima pilosaria</i>	1926
<i>Agrochola lychnidis</i>	2267	<i>Aporophyla lutulenta</i>	2231
<i>Agrochola macilentata</i>	2264	<i>Aporophyla nigra</i>	2232
<i>Agrotis cinerea</i>	2084	<i>Archiearis notha</i>	1662
<i>Agrotis clavis</i>	2088	<i>Archiearis parthenias</i>	1661
<i>Agrotis exclamationis</i>	2089	<i>Arctia caja</i>	2057
<i>Agrotis ipsilon</i>	2091	<i>Arenostola phragmitidis</i>	2377
<i>Agrotis puta</i>	2092	<i>Argynnis adippe</i>	1606
<i>Agrotis ripae</i>	2093	<i>Argynnis aglaja</i>	1607
<i>Agrotis segetum</i>	2087	<i>Argynnis paphia</i>	1608
<i>Agrotis trux lunigera</i>	2090	<i>Aricia artaxerxes</i>	1573
<i>Agrotis vestigialis</i>	2085	<i>Asthena albulata</i>	1875
<i>Alcis jubata</i>	1942	<i>Atethmia centrago</i>	2269
<i>Alcis repandata</i>	1941	<i>Athetis pallustris</i>	2392
<i>Allophyes oxyacanthae</i>	2245	<i>Atolmis rubricollis</i>	2039
<i>Alsophila aescularia</i>	1663	<i>Autographa bractea</i>	2444
<i>Amphipoea crinanensis</i>	2359	<i>Autographa gamma</i>	2441
<i>Amphipoea lucens</i>	2357	<i>Autographa jota</i>	2443
<i>Amphipoea oculaea</i>	2360	<i>Autographa pulchrina</i>	2442
<i>Amphipyra berbera svenssoni</i>	2298	<i>Axylia putris</i>	2098
<i>Bembecia muscaeformis</i>	383	<i>Colias hyale</i>	1543

<i>Biston betularia</i>	1931	<i>Colocasia coryli</i>	2425
<i>Biston strataria</i>	1930	<i>Colostigia multistrigaria</i>	1775
<i>Boloria euphrosyne</i>	1601	<i>Colostygia olivata</i>	1774
<i>Boloria selene</i>	1600	<i>Colostygia pectinataria</i>	1776
<i>Brachionycha sphinx</i>	2227	<i>Colotois pennaria</i>	1923
<i>Brachylomia viminalis</i>	2225	<i>Conistra ligula</i>	2259
<i>Bupalus piniaria</i>	1954	<i>Conistra vaccinii</i>	2258
<i>Cabera exanthemata</i>	1956	<i>Cosmia affinis</i>	2316
<i>Cabera pusaria</i>	1955	<i>Cosmia trapezina</i>	2318
<i>Callimorpha dominula</i>	2068	<i>Cosmorhoe ocellata</i>	1752
<i>Callistege mi</i>	2462	<i>Cossus cossus</i>	162
<i>Calliteara pudibunda</i>	2028	<i>Craniophora ligustri</i>	2291
<i>Callophrys rubi</i>	1555	<i>Crocallis elinguarum</i>	1921
<i>Campaea margaritata</i>	1961	<i>Cryphia domestica</i>	2293
<i>Camptogramma bilineata</i>	1742	<i>Cucullia absinthii</i>	2211
<i>Caradrina clavipalpis</i>	2389	<i>Cucullia asteris</i>	2217
<i>Caradrina morpheus</i>	2387	<i>Cucullia chamomillae</i>	2214
<i>Carsia sororiata anglica</i>	1866	<i>Cucullia umbratica</i>	2216
<i>Catocala fraxini</i>	2451	<i>Cucullia verbasci</i>	2221
<i>Catocala nupta</i>	2452	<i>Cupido minimus</i>	1569
<i>Celaena haworthii</i>	2367	<i>Cybosia mesomella</i>	2040
<i>Celaena leucostigma</i>	2368	<i>Cyclophora albipunctata</i>	1677
<i>Celastrina argiolus</i>	1580	<i>Cyclophora annulata</i>	1676
<i>Ceramica pisi</i>	2163	<i>Cyclophora linearia</i>	1681
<i>Cerapteryx graminis</i>	2176	<i>Cyclophora pendularia</i>	1675
<i>Cerastis leucographa</i>	2140	<i>Cyclophora punctaria</i>	1680
<i>Cerastis rubricosa</i>	2139	<i>Cymatophorima diluta</i>	1658
<i>Cerura vinula</i>	1995	<i>Cynthia cardui</i>	1591
<i>Charanyca trigrammica</i>	2380	<i>Danaus plexippus</i>	1630
<i>Chesias legatella</i>	1864	<i>Daphnis nerii</i>	1985
<i>Chesias rufata</i>	1865	<i>Dasypolia templi</i>	2229
<i>Chilodes maritimus</i>	2391	<i>Deilephila elpenor</i>	1991
<i>Chlorissa viridata</i>	1670	<i>Deilephila porcellus</i>	1992
<i>Chloroclysta citrata</i>	1762	<i>Deileptenia ribeata</i>	1940
<i>Chloroclysta miata</i>	1761	<i>Deltote uncula</i>	2412
<i>Chloroclysta siterata</i>	1760	<i>Diachrysia chrysitis</i>	2434
<i>Chloroclysta truncata</i>	1764	<i>Diacrisia sannio</i>	2059
<i>Chloroclystis chloerata</i>	1859	<i>Diaphora mendica</i>	2063
<i>Chloroclystis rectangulata</i>	1860	<i>Diarsia brunnea</i>	2122
<i>Chloroclystis v-ata</i>	1858	<i>Diarsia dahlii</i>	2121
<i>Cidaria fulvata</i>	1765	<i>Diarsia florida</i>	2124
<i>Cilix glaucata</i>	1651	<i>Diarsia mendica mendica</i>	2120
<i>Cleorodes lichenaria</i>	1945	<i>Diarsia rubi</i>	2123
<i>Clostera curtula</i>	2019	<i>Dicallomera fascelina</i>	2027
<i>Clostera pigra</i>	2017	<i>Dichonia aprilina</i>	2247
<i>Coenocalpe lapidata</i>	1780	<i>Diloba caeruleocephala</i>	2020
<i>Coenonympha pamphilus</i>	1627	<i>Discestra trifolii</i>	2145
<i>Coenonympha tullia</i>	1628	<i>Discoloxia blomeri</i>	1872
<i>Colias croceus</i>	1545	<i>Drepana binaria</i>	1646
<i>Drepana cultraria</i>	1647	<i>Eupithecia abietaria</i>	1815

<i>Drepana falcataria</i>	1648	<i>Eupithecia absinthiata</i>	1830
<i>Drymonia dodonaea</i>	2014	<i>Eupithecia assimilata</i>	1832
<i>Drymonia ruficornis</i>	2015	<i>Eupithecia centaureata</i>	1825
<i>Dryobotodes eremita</i>	2248	<i>Eupithecia distinctaria</i>	1843
<i>Dypterygia scabriuscula</i>	2301	<i>Euoithecia dodoneata</i>	1853
<i>Dyscia fagara</i>	1969	<i>Eupithecia exigua</i>	1819
<i>Ecliptopera silaceata</i>	1759	<i>Eupithecia expallidata</i>	1833
<i>Ectropis bistortata</i>	1947	<i>Eupithecia fraxinata</i>	1849
<i>Ectropis crepuscularia</i>	1948	<i>Eupithecia goossensiata</i>	1831
<i>Eilema complana</i>	2047	<i>Eupithecia haworthiata</i>	1813
<i>Eilema lurideola</i>	2050	<i>Eupithecia icterata</i>	1838
<i>Electrophaes corylata</i>	1773	<i>Eupithecia indigata</i>	1844
<i>Eligmodonta ziczac</i>	2003	<i>Eupithecia intricata</i>	1827
<i>Ematurga atomaria</i>	1952	<i>Eupithecia lariciata</i>	1856
<i>Enargia paleacea</i>	2313	<i>Eupithecia linariata</i>	1816
<i>Ennomos alniaria</i>	1913	<i>Eupithecia nanata angusta</i>	1846
<i>Ennomos erosaria</i>	1915	<i>Eupithecia pimpinellata</i>	1845
<i>Ennomos fuscantaria</i>	1914	<i>Eupithecia plumbeolata</i>	1814
<i>Ennomos quercinaria</i>	1912	<i>Eupithecia pulchellata</i>	1817
<i>Entephria caesiata</i>	1744	<i>Eupithecia pusillata</i>	1854
<i>Entephria flavicinctata</i>	1743	<i>Eupithecia pygmaeata</i>	1822
<i>Epione paralellaria</i>	1908	<i>Eupithecia satyrata</i>	1828
<i>Epione repandaria</i>	1907	<i>Eupithecia simpliciatata</i>	1842
<i>Epirrhoe alternata</i>	1738	<i>Eupithecia subfuscata</i>	1837
<i>Epirrhoe galiata</i>	1740	<i>Eupithecia subumbrata</i>	1840
<i>Epirrhoe rivata</i>	1739	<i>Eupithecia succenturiata</i>	1839
<i>Epirrhoe tristata</i>	1737	<i>Eupithecia tantillaria</i>	1857
<i>Epirrita autumnata</i>	1797	<i>Eupithecia tenuiata</i>	1811
<i>Epirrita christyi</i>	1796	<i>Eupithecia tripunctaria</i>	1835
<i>Epirrita dilutata</i>	1795	<i>Eupithecia trisignaria</i>	1826
<i>Epirrita filigrammaria</i>	1798	<i>Eupithecia valerianata</i>	1821
<i>Erannis defoliaria</i>	1935	<i>Eupithecia venosata</i>	1823
<i>Erebia aethiops</i>	1618	<i>Eupithecia virgaureata</i>	1851
<i>Erebia epiphron</i>	1617	<i>Eupithecia vulgata</i>	1834
<i>Eriogaster lanestris</i>	1633	<i>Euplexia lucipara</i>	2305
<i>Erynnis tages</i>	1532	<i>Euproctis similis</i>	2030
<i>Eublemma ostrina</i>	2407	<i>Eupsilia transversa</i>	2256
<i>Eublemma parva</i>	2408	<i>Eurodryas aurinia</i>	1610
<i>Euchoeca nebulata</i>	1874	<i>Eurois occulta</i>	2137
<i>Euclidean glyphica</i>	2463	<i>Eustroma reticulata</i>	1772
<i>Eugnorisma depuncta</i>	2103	<i>Euthrix potatoria</i>	1640
<i>Eulithis mellinata</i>	1757	<i>Euxoa cursoria</i>	2083
<i>Eulithis populata</i>	1756	<i>Euxoa nigricans</i>	2082
<i>Eulithis prunata</i>	1754	<i>Euxoa tritici</i>	2081
<i>Eulithis pyraliata</i>	1758	<i>Falcaria lacertinaria</i>	1645
<i>Eulithis testata</i>	1755	<i>Furcula bicuspis</i>	1996
<i>Eumichtis lichenea</i>	2255	<i>Furcula bifida</i>	1998
<i>Euphyia unangulata</i>	1794	<i>Furcula furcula</i>	1997
<i>Eupithecia abbreviata</i>	1852	<i>Gastropacha quercifolia</i>	1642
<i>Geometra papilionaria</i>	1666	<i>Idaea fuscovenosa</i>	1705

<i>Gnophos obscurata</i>	1964	<i>Idaea muricata</i>	1698
<i>Gonepteryx rhamni</i>	1546	<i>Idaea seriata</i>	1707
<i>Gortyna flavago</i>	2364	<i>Idaea straminata</i>	1715
<i>Graphiphora augur</i>	2114	<i>Idaea subsericeata</i>	1709
<i>Gymnoscelis rufifasciata</i>	1862	<i>Idaea trigeminata</i>	1711
<i>Habrosyne pyritoides</i>	1653	<i>Inachis io</i>	1597
<i>Hada nana</i>	2147	<i>Ipimorpha subtusa</i>	2312
<i>Hadena bicruris</i>	2173	<i>Jodis lactearia</i>	1674
<i>Hadena confusa</i>	2171	<i>Lacanobia contigua</i>	2156
<i>Hadena perplexa</i>	2167	<i>Lacanobia oleracea</i>	2160
<i>Hadena rivularis</i>	2166	<i>Lacanobia suasa</i>	2159
<i>Hamearis lucina</i>	1582	<i>Lacanobia thalassina</i>	2158
<i>Hecatera bicolorata</i>	2164	<i>Lacanobia w-latinum</i>	2157
<i>Helicoverpa armigera</i>	2400	<i>Lampropteryx otregiata</i>	1751
<i>Heliothis peltigera</i>	2403	<i>Lampropteryx suffumata</i>	1750
<i>Hemaris tityus</i>	1982	<i>Laothoe populi</i>	1981
<i>Hemistola chrysoprasaria</i>	1673	<i>Larentia clavaria</i>	1745
<i>Hemithea aestivaria</i>	1669	<i>Lasiocampa quercus callunae</i>	1637
<i>Hepialus fusconebulosa</i>	18	<i>Lasiocampa trifolii</i>	1636
<i>Hepialus hecta</i>	16	<i>Lasiommata megera</i>	1615
<i>Hepialus humuli</i>	14	<i>Leptidea sinapis</i>	1541
<i>Hepialus lupulinus</i>	17	<i>Leucoma salicis</i>	2031
<i>Hepialus sylvina</i>	15	<i>Ligdia adustata</i>	1888
<i>Herminea tarsipennalis</i>	2489	<i>Lithomoia solidaginis</i>	2233
<i>Herminia grisealis</i>	2492	<i>Lithophane hepatica</i>	2236
<i>Hipparchia semele</i>	1621	<i>Lithophane leautieri</i>	2240
<i>Hippotion celerio</i>	1993	<i>Lithophane ornitopus</i>	2237
<i>Hoplodrina alsines</i>	2381	<i>Lithosia quadra</i>	2051
<i>Hoplodrina blanda</i>	2382	<i>Lobophora halterata</i>	1879
<i>Horisme vitalbata</i>	1781	<i>Lomaspilis marginata</i>	1887
<i>Hydraecia micacea</i>	2361	<i>Lomographa bimaculata</i>	1957
<i>Hydraecia petasitis</i>	2362	<i>Lomographa temerata</i>	1958
<i>Hydrelia flammeolaria</i>	1876	<i>Luperina testacea</i>	2353
<i>Hydrelia sylvata</i>	1877	<i>Lycaena phlaeas</i>	1561
<i>Hydriomena furcata</i>	1777	<i>Lycia hirtaria</i>	1927
<i>Hydriomena impluviata</i>	1778	<i>Lycophotia porphyria</i>	2118
<i>Hydriomena ruberata</i>	1779	<i>Lysandra coridon</i>	1575
<i>Hylaea fasciaria</i>	1962	<i>Macdunnoughia confusa</i>	2436
<i>Hyles euphorbiae</i>	1986	<i>Macroglossum stellatarum</i>	1984
<i>Hyles galii</i>	1987	<i>Macrothylacia rubi</i>	1638
<i>Hyles lineata</i>	1990	<i>Malacosoma neustria</i>	1634
<i>Hyloicus pinastri</i>	1978	<i>Mamestra brassicae</i>	2154
<i>Hypena crassalis</i>	2476	<i>Maniola jurtina</i>	1626
<i>Hypena proboscidalis</i>	2477	<i>Melanchra persicariae</i>	2155
<i>Hypenodes humidialis</i>	2485	<i>Melanthia procellata</i>	1784
<i>Hyppa rectilinea</i>	2320	<i>Menophra abruptaria</i>	1936
<i>Idaea aversata</i>	1713	<i>Mesapamea didyma</i>	2343
		a	
<i>Idaea biselata</i>	1702	<i>Mesapamea secalis</i>	2343
<i>Idaea dimidiata</i>	1708	<i>Mesoleuca albicillata</i>	1748

Mesoligia furuncula	2341	Orthosia gracilis	2186
Mesoligia literosa	2342	Orthosia incerta	2188
Mniotype adusta	2250	Orthosia miniosa	2183
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Mythimna comma	2205	Orthosia opima	2184
Mythimna conigera	2192	Orthosia populeti	2185
Mythimna ferrago	2193	Ourapteryx sambucaria	1922
Mythimna impura	2198	Panemeria tenebrata	2397
Mythimna litoralis	2201	Panolis flammea	2179
Mythimna obsoleta	2204	Papestra biren	2162
Mythimna pallens	2199	Paradarisa consonaria	1949
Mythimna pudorina	2196	Paradiarsia glareosa	2117
Mythimna straminea	2197	Pararge aegeria	1614
Mythimna unipuncta	2203	Parasemia plantaginis	2056
Mythimna vitellina	2195	Parastichtis suspecta	2268
Naenia typica	2136	Parastichtis ypsilon	2314
Nebula salicata latentaria	1753	Pavonia pavonia	1643
Noctua comes	2109	Pelurga comitata	1749
Noctua fimbriata	2110	Perconia strigillaria	1970
Noctua interjecta	2112	Peribatodes rhomboidaria	1937
Noctua janthe	2111	Peridea anceps	2005
Noctua pronuba	2107	Peridromia saucia	2119
Nola confusalis	2078	Perizoma affinitata	1802
Nola cucullatella	2077	Perizoma albulata	1807
Nonagria typhae	2369	Perizoma alchemillata	1803
Notodonta dromedarius	2000	Perizoma bifaciata	1804
Nudaria mundana	2038	Perizoma blandiata	1806
Nycteola revayana	2423	Perizoma didymata	1809
Nymphalis antiopa	1596	Perizoma flavofasciata	1808
Nymphalis polychloros	1594	Perizoma minorata	1805
Ochlodes venata	1531	Perizoma taeniata	1801
Ochropacha duplaris	1657	Petrophora chlorosata	1902
Ochropleura plecta	2102	Phalera bucephala	1994
Odezia atrata	1870	Pheosia gnoma	2006
Odontopera bidentata	1920	Pheosia tremula	2007
Odontosia carmelita	2010	Phibalapteryx virgata	1718
Oligia fasciuncula	2340	Philereme transversata	1792
Oligia latruncula	2339	Philereme vetulata	1791
Oligia strigilis	2337	Phlogophora meticulosa	2306
Oligia versicolor	2338	Photodes captiuncula	2344
Omphaloscelis lunosa	2270	Photodes minima	2345
Operophtera brumata	1799	Photodes pygmina	2350
Operophtera fagata	1800	Phragmatobia fuliginosa	2064
Opisthograptis luteolata	1906	Phytometra viridaria	2470
Orgyia antiqua	2026	Pieris brassicae	1549
Orthonama obstipata	1720	Pieris napi	1551
Orthonama vittata	1719	Pieris rapae	1550
Orthosia cerasi	2187	Plagodis dolabraria	1904
Orthosia cruda	2182	Plagodis pulveraria	1903
Orthosia gothica	2190	Plebejus argus	1571

<i>Plemyria rubiginata</i>	1766	<i>Semiothisa clathrata</i>	1894
<i>Plusia festucae</i>	2439	<i>Semiothisa liturata</i>	1893
<i>Plusia putnami gracilis</i>	2440	<i>Semiothisa notata</i>	1889
<i>Poecilocampa populi</i>	1631	<i>Semiothisa wauaria</i>	1897
<i>Polia bombycina</i>	2148	<i>Sesia apiformis</i>	370
<i>Polia nebulosa</i>	2150	<i>Sesia bembeciformis</i>	371
<i>Polia trimaculosa</i>	2149	<i>Sideridis albicolon</i>	2152
<i>Polychrysia moneta</i>	2437	<i>Smerinthus ocellata</i>	1980
<i>Polygonia c-album</i>	1598	<i>Spaelotis ravidata</i>	2113
<i>Polyommatus icarus</i>	1574	<i>Sphinx ligustri</i>	1976
<i>Polyploca ridens</i>	1660	<i>Spilosoma lubricipeda</i>	2060
<i>Protoschinia scutosa</i>	2405	<i>Spilosoma luteum</i>	2061
<i>Pseudoips fagana britannica</i>	2422	<i>Spodoptera exigua</i>	2385
<i>Pseudopanthera macularia</i>	1909	<i>Standfussiana lucernea</i>	2104
<i>Pseudoterpna pruinata</i>	1665	<i>Stilbia anomala</i>	2394
<i>Pterapherapteryx sexualata</i>	1882	<i>Synanthedon culiciformis</i>	381
<i>Pterostoma palpina</i>	2011	<i>Synanthedon formicaeformis</i>	380
<i>Ptilodon capucina</i>	2008	<i>Synanthedon myopaeformis</i>	379
<i>Pyrgus malvae</i>	1534	<i>Synanthedon spheciformis</i>	375
<i>Pyronia tithonus</i>	1625	<i>Synanthedon tipuliformis</i>	373
<i>Pyrrhia umbra</i>	2399	<i>Syngrapha interrogationis</i>	2447
<i>Quercusia quercus</i>	1557	<i>Tethea ocularis</i>	1654
<i>Rheumaptera cervinalis</i>	1788	<i>Tethea or</i>	1655
<i>Rheumaptera hastata</i>	1787	<i>Tetheella fluctuosa</i>	1656
<i>Rheumaptera undulata</i>	1789	<i>Thalpophila matura</i>	2303
<i>Rhizedra lutosa</i>	2375	<i>Thecla betulae</i>	1556
<i>Rhodometra sacraria</i>	1716	<i>Thera britannica</i>	1769
<i>Rhyacia simulans</i>	2105	<i>Thera cognata</i>	1770
<i>Rivula sericealis</i>	2474	<i>Thera firmata</i>	1767
<i>Rusina ferruginea</i>	2302	<i>Thera juniperata</i>	1771
<i>Satyrium w-album</i>	1558	<i>Thera obeliscata</i>	1768
<i>Schrankia costaestrigalis</i>	2484	<i>Theria primaria</i>	1960
<i>Scoliopteryx libatrix</i>	2469	<i>Tholera cespitis</i>	2177
<i>Scopula floslactata</i>	1693	<i>Tholera decimalis</i>	2178
<i>Scopula imitaria</i>	1690	<i>Thumatha senex</i>	2035
<i>Scopula immutata</i>	1692	<i>Thyatira batis</i>	1652
<i>Scopula marginepunctata</i>	1689	<i>Thymelicus sylvestris</i>	1526
<i>Scopula nigropunctata</i>	1684	<i>Trichiura crataegi</i>	1632
<i>Scopula ornata</i>	1687	<i>Trichoplusia ni</i>	2432
<i>Scopula ternata</i>	1694	<i>Trichopteryx carpinata</i>	1881
<i>Scotopteryx chenopodiata</i>	1732	<i>Trichopteryx polycommata</i>	1880
<i>Scotopteryx luridata</i>	1734	<i>Triphosa dubitata</i>	1790
<i>Scotopteryx moeniata</i>	1729	<i>Tyria jacobaeae</i>	2069
<i>Scotopteryx mucronata</i>	1733	<i>Utetheisa pulchella</i>	2054
<i>Selenia dentaria</i>	1917	<i>Vanessa atalanta</i>	1590
<i>Selenia lunularia</i>	1918	<i>Venusia cambrica</i>	1873
<i>Selenia tetralunaria</i>	1919	<i>Xanthia aurago</i>	2272
<i>Selidosema brunnearia</i>	1938	<i>Xanthia citrigo</i>	2271
<i>Semiothisa alternaria</i>	1890	<i>Xanthia gilvago</i>	2275
<i>Semiothisa brunneata</i>	1896	<i>Xanthia icteritia</i>	2274

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Anomalous	2394	Brindled Green	2248
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Waved Umber

1936|

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