

Checklist of the Lepidoptera (Moths and Butterflies)

Introduction

This list was started in the Spring of 2011. As far as is known, no *systematic* recording of the Lepidoptera (moths and butterflies) of the Reserve has been published since about the year 2000, when a list was compiled for the newly-formed Nature Reserve Five-Year Management Plan. (referred to on the systematic list as 'NRMP 2000'). This list up-dates and greatly extends these earlier records, (particularly for the moths), and will be further added to as recording continues.

The list of about 20 butterflies is provisional and this sub-group needs further work to be done to assess their current actual status on the Reserve.

In total, over 150 species of moth have been recorded since April 2011 and the latest version of this list on 26.05.2012. A few additional species appear on the 'NRMP 2000' list but have yet to be

confirmed by more recent moth-catching work. Overall, the number is sure to grow.

The systematic list below is largely self-explanatory but note that:

Vernacular:

English name, but note that most of the *micro-moths* do not have widely - accepted English names

B. No.:

Bradley number, from the nationally-accepted checklist of Lepidoptera

Date:

The date the species was first recorded on the Reserve. Dates are sometimes not included for the butterflies – these records are based on existing knowledge of the area)

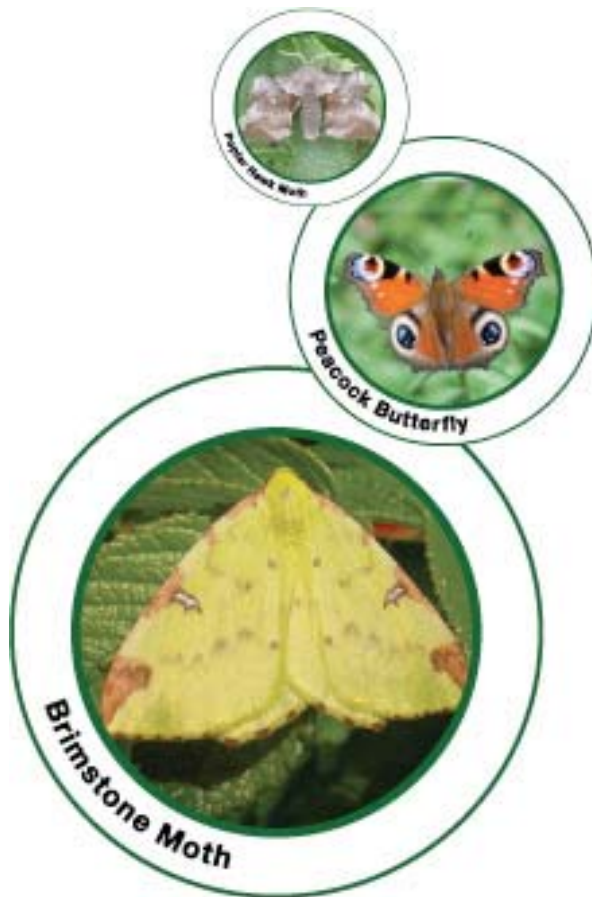
Recorded:

Initials of the person who first recorded and identified the species, where known. Full names are given at the end of the systematic list.

Comments:

R = nationally rare
L = nationally local
C = nationally common

Recorded by Paul Fallon and Ken Chapman



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Family	Scientific name	Vernacular name	B. No	Date	Rec.	Comments
MICRO-MOTHS						
ARGYRESTHIINAE	<i>Argyresthia goedartella</i>		411	27.08.11	DG	C
YPSOLOPHINAE	<i>Ypsolopha sequella</i>		462	25.09.11	PF	L
OECOPHORIDAE	<i>Diurnea fagella</i>		663	13.03.12	PF	C
	<i>Agonopterix heracliana</i>		688	01.03.12	PF	C
GELECHIIDAE	<i>Teleiopsis diffinis</i>		776	27.08.11	DG	C
BLASTOBASIIDAE	<i>Blastobasis adustella</i>		873	27.08.11	DG	C
MOMPHIDAE	<i>Mompha raschkiella</i>		883	27.08.11	DG	C
COSMopterigidae	<i>Limnaecia phragmitella</i>		898	01.08.11	PF	C
TORTRICIDAE	<i>Eidophasia messingiella</i>		469	21.06.11	PF	L
	<i>Syndemis musculana</i>		986	08.05.11	PF	C
	<i>Clepsis spectrana</i>	Cyclamen Tortix	993	21.06.11	PF	C

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TORTRICIDAE CONTINUED	<i>Epiphyas posyvitana</i>	Light Brown Apple Moth	998	27.08.11	DG	C
	<i>Cnephasia asseclana</i>	Flax Tortrix	1021	20.07.11	PF	L
	<i>Tortricodes alternella</i>		1025	06.03.2012	DG	C
	<i>Acleris laterana / comariana</i>		1038x	27.08.11	DG	C
	<i>Celypha lacunana</i>		1076	21.06.11	PF	C
	<i>Ancylis achatana</i>		1115	05.07.11	PF	C
	<i>Epinotia nisella</i>		1138	27.08.11	DG	C
	<i>Epiblema udmanniana</i>	Bramble Shoot Moth	1175	21.06.11	PF	C
	<i>Lathronympha strigana</i>		1219	27.08.11	DG	
PYRALIDAE	<i>Chrysoteuchia culmella</i>	Garden Grass-veneer	1293	05.07.11	PF	C
	<i>Crambus pascuella</i>		1294	21.06.11	PF	C



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	<i>Agriphila straminella</i>		1304	01.08.11	PF	C
PYRALIDAE CONTINUED	<i>Agriphila tristella</i>		1305	01.08.11	PF	C
	<i>A. geniculea</i>		1309	27.08.11	KC/PF	C
	<i>Scoparia ambigualis</i>		1334	21.06.11	PF	C
	<i>Eudonia angustea</i>		1342	04.09.11	KC	C
	<i>Eudonia mercurella</i>		1344	07.06.11	PF	C
	<i>Evergestis forficalis</i>	Garden Pebble	1356	05.07.11	PF	C
	<i>Dipleurina lacustrata</i>		1338	21.06.11	PF	C
	<i>Evergestis pallidata</i>		1358	19.07.11	PF	L
	<i>Eurrhypara hortulata</i>	Small Magpie	1376	21.06.11	PF	C
	<i>Udea lutealis</i>		1388	01.08.11	PF	C
	<i>Udea prunalis</i>		1390	05.07.11	PF	C



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	<i>Udea olivalis</i>		1392	21.06.11	PF	C
	<i>Pleuroptya ruralis</i>	Mother of Pearl	1405	19.07.11	PF	C
	<i>Aphomia sociella</i>	Bee Moth	1428	07.06.11	PF	C
	<i>Trachycera advenella</i>		1439	27.08.11	DG	C
PTEROPHORIDAE	<i>Amblyptilia acanthadactyla</i>		1497	29.02.12	PF / KC	C
	<i>Emmelina monodactyla</i>		1524	01.08.11	PF	C
BUTTERFLIES						
HESPERIIDAE	<i>Thymelicus sylvestris</i>	Small Skipper	1526			
	<i>Ochlodes venata</i>	Large Skipper	1531			
PAPILIONIDAE	<i>Gonopteryx rhamni</i>	Brimstone	1546		NRMP 2000	
PIERIDAE	<i>Pieris brassicae</i>	Large White	1549		NRMP 2000	
	<i>P.rapae</i>	Small White	1550		NRMP 2000	



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PIERIDAE CONTINUED	<i>P. napi</i>	Green Veined White	1551		NRMP 2000	
	<i>Anthocharis cardamines</i>	Orange Tip	1553		NRMP 2000	
LYCAENIDAE	<i>Lycaena phlaeas</i>	Small Copper	1561			
	<i>Polyommatus icarus</i>	Common Blue	1574			
	<i>Celastrinus argiolus</i>	Holly Blue	1580		NRMP 2000	
NYMPHALIDAE	<i>Vanessa atalanta</i>	Red Admiral	1590		NRMP 2000	
	<i>V. cardui</i>	Painted Lady	1591		KC	
	<i>Aglais urticae</i>	Small Tortoiseshell	1593		NRMP 2000	
	<i>Inachis io</i>	Peacock	1597		NRMP 2000	
	<i>Polygonia c-album</i>	Comma	1598		NRMP 2000	
SATYRINAE	<i>Pararge aegeris</i>	Speckled Wood	1614		NRMP 2000	
	<i>Lasiommata megera</i>	Wall	1615			



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	<i>Pyronia tithonus</i>	Gatekeeper	1625			
	<i>Maniola jurtina</i>	Meadow Brown	1626			
	<i>Coenonympha pamphilus</i>	Small Heath	1627			
	<i>Aphantopus hyperantus</i>	Ringlet	1629			
MACRO-MOTHS						
HEPIALIDAE	<i>Hepialus lupulinus</i>	Common Swift	17	08.05.11	PF	C
ALSOPHILINAE	<i>Alsophila aescularia</i>	March Moth	1663	29.02.12	PF / KC	C
GEOMETRIDAE	<i>Timandra comae</i>	Blood Vein	1682	07.06.11	PF	C
	<i>Scopula floslactata</i>	Cream Wave	1693	05.07.11	PF	L
	<i>Idaea biselata</i>	Small Fan-footed Wave	1702	19.07.11	PF	C
	<i>Idaea seriata</i>	Small Dusty Wave	1707	01.08.11	PF	C



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	<i>Idea dimidiata</i>	Single-dotted Wave	1708	05.07.11	PF	C
GEOMETRIDAE CONTINUED	<i>I. trigeminata</i>	Treble Brown Spot	1711	07.06.11	PF	L
	<i>Idea aversata</i>	Riband Wave	1713	21.06.11	PF	C
	<i>Xanthorhoe designata</i>	Flame Carpet	1722	24.04.11	PF	C
	<i>Xanthorhoe ferrugata</i>	Dark-barred Twin-spot Carpet	1725	24.04.11	PF	C
	<i>X. quadrifasiata</i>	Large Twin-spot Carpet	1726	05.07.11	PF	L
	<i>X. montanata montanata</i>	Silver-ground Carpet	1727	24.05.11	PF	C
	<i>X.f. fluctuata</i>	Garden Carpet	1728	21.06.11	PF	C
	<i>Scotopteryx chenopodiata</i>	Shaded Broad-bar	1732	01.08.11	PF/ KC	C
	<i>Epirrhoe a. alernata</i>	Common Carpet	1738	07.06.11	PF	C
	<i>Camptogramma bilineata</i>	Yellow Shell	1742	27.08.11	KC/PF/DG	C



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	<i>bilineata</i>					
GEOMETRIDAE CONTNUED	<i>Eulithis pyraliata</i>	Barred Straw	1758	21.06.11	PF	C
	<i>Ecliptopera silaceata</i>	Small Phoenix	1759	25.05.12	PF	C
	<i>Chloroclysta siterata</i>	Red-green Carpet	1760	24.04.11	PF	C
	<i>C. truncata</i>	Common Marbled Carpet	1764	27.08.11	DG	C
	<i>Colostygia pectinaria</i>	Green Carpet	1776	08.05.11	PF	C
	<i>Hydriomena furcata</i>	July High-flyer	1777	05.07.11	PF	C
	<i>Hydriomena impluviata</i>	May High-Flyer	1778	24.05.11	PF	C
	<i>Epirrita dilutata</i>	November Moth	1795	10.10.11	PF	C
	<i>E. christyi</i>	Pale November Moth	1796	02.11. 11	PF	L
	<i>Perizoma affinitata</i>	Rivulet	1802	24.04.11	PF	C
	<i>P.alchemillata</i>	Small Rivulet	1803	01.08.11	PF	C



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	<i>Eupithecia pulchellata</i> p.	Foxglove Pug	1817	21.06.11	PF	C
GEOMETRIDAE CONTINUED	<i>E. centaureata</i>	Lime-speck Pug	1825	27.08.11	DG	C
	<i>E. trisignaria</i>	Triple-spotted Pug	1826	24.04.11	PF	L
	<i>E. vulgata vulgata</i>	Common Pug	1834	08.05.11	PF	C
	<i>E. subfuscata</i>	Grey Pug	1837	Pre 2000	NRMP 2000	C
	<i>E. icterata</i>	Tawny-Speckled Pug	1838	27.08.11	DG	C
	<i>E. abbreviata</i>	Brindled Pug	1852	24.04.11	PF	C
	<i>Gymnoscelis rufifasciata</i>	Double-striped Pug	1862	27.08.11	DG	C
	<i>Acasis viretata</i>	Yellow Barred Brindle	1883	24.04.11	PF	L
	<i>Lomaspilis marginata</i>	Clouded Border	1887	19.07.11	PF	C
	<i>Opisthographis luteolata</i>	Brimstone	1906	27.08.11	KC/PF	C



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	<i>Ennomos alniara</i>	Canary-shouldered Thorn	1913	27.08.11	DG	C
GEOMETRIDAE CONTINUED	<i>Selenia dentaria</i>	Early Thorn	1917	19.07.11	PF	C
	<i>Odontopera bidentata</i>	Scalloped Hazel	1920	24.04.11	PF	C
	<i>Ourapteryx sambucaria</i>	Swallow-tailed Moth	1922	19.07.11	KC	C
	<i>Colotois pennaria</i>	Feathered Thorn	1923	28.10.11	PF / KC	C
	<i>Phigalia pilosaria</i>	Pale Brindled Beauty	1926	29.02.12	PF / KC	C
	<i>Agriopsis aurantiaria</i>	Scarce Umber	1933	14.11.11	KC/PF	C
	<i>A. marginaria</i>	Dotted Border	1934	29.02.12	PF / KC	C
	<i>Menophra abruptaria</i>	Waved Umber	1936	25.05.12	KC	C
	<i>Peribatodes rhomboidaria</i>	Willow Beauty	1937	21.06.11	PF	C
	<i>Alcis repandata</i> <i>repandata</i>	Mottled Beauty	1941	21.06.11	PF	C



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	<i>Ectropis bistortata</i>	Engrailed	1947	05.07.11	PF	C
GEOMETRIDAE CONTINUED	<i>Paradarisa consonaria</i>	Square Spot	1949	05.07.11	PF	C
	<i>Bupara pinialis</i>	Bordered White	1954	Pre 2000	NRMP 2000	C
	<i>Cabera pusaria</i>	Common White Wave	1955	07.06.11	PF	C
	<i>Cabera exanthemata</i>	Common Wave	1956	24.05.11	PF	C
	<i>Campaea margaritata</i>	Light Emerald	1961	21.06.11	PF	C
SPHINGIDAE	<i>Laothoe populi</i>	Poplar Hawkmoth	1981	24.05.11	PF / KC	C
NOTODONTIDAE	<i>Pterostoma palpina</i>	Pale Prominent	2011	24.05.11	PF	C
	<i>Clostera curtula</i>	Chocolate-tip	2019	08.05.11	PF	L
ARCTIIDAE	<i>Eilema griseola</i>	Dingy Footman	2044	01.08.11	PF	C
	<i>E. complans</i>	Scarce Footman	2047	21.06.11	PF	L
	<i>E. lurideola</i>	Common Footman	2050	19.07.11	PF/KC	C



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	<i>Spilosoma lubricipeda</i>	White Ermine	2060	08.05.11	PF	C
ARCTIIDAE CONTINUED	<i>S. luteum</i>	Buff Ermine	2061	07.06.11	PF	C
	<i>Diaphora mendica</i>	Muslin Moth	2063	08.05.11	PF	C
NOCTUIDAE	<i>Agrotis exclamationis</i>	Heart and Dart	2089	07.06.11	PF	C
	<i>A. p. puta</i>	Shuttle-shaped Dart	2092	24.04.11	PF	C
	<i>Axylia putris</i>	The Flame	2098	21.06.11	PF	C
	<i>Ochropleura plecta</i>	Flame Shoulder	2102	27.08.11	DG	C
	<i>Noctua pronuba</i>	Large Yellow Underwing	2107	05.07.11	PF	C
	<i>N. comes</i>	Lesser Yellow Underwing	2109	01.08.11	PF	C
	<i>N. fimbriata</i>	Broad-bordered Yellow Underwing	2110	27.08.11	DG	C.
	<i>N. janthe</i>	Lesser Broad-bordered Yellow Underwing	2111	01.08.11	PF	C



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	<i>N. interjecta</i>	Least Yellow Underwing	2112	Pre 2000	NRMP 2000	C
NOCTUIDAE CONTINUED	<i>Graphiphora augur</i>	Double Dart	2114	24.05.11	PF	C
	<i>Eugnorisma glareosa</i>	Autumnal Rustic	2117	25.09.11	PF	C
	<i>Diarsia m. mendica</i>	Ingrailed Clay	2120	24.05.11	PF	C
	<i>Xestia c-nigrum</i>	Setaceous Hebrew Character	2126	27.08.11	KC/PF	C
	<i>Xestia triangulum</i>	Double Square-spot	2128	05.07.11	PF	C
	<i>X. sexstrigata</i>	Six-striped Rustic	2133	27.08.11	DG	C
	<i>X. xanthographa</i>	Square-spot Rustic	2134	27.08.11	KC/PF	C
	<i>Mamestra brassicae</i>	Cabbage Moth	2154	08.05.11	PF	C
	<i>Melanchra persicariae</i>	Dot Moth	2155	Pre 2000	NRMP 2000	C
	<i>Lacanobia oleracea</i>	Bright-line Brown-eye	2160	04.07.11	PF	C
	<i>Tholera decimalis</i>	Feathered Gothic	2178	04.09.11	KC	C



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	<i>Orthosia cruda</i>	Small Quaker	2182	13.03.12	PF	C
NOCTUIDAE CONTINUED	<i>O. cerasi</i>	Common Quaker	2187	24.04.11	PF	C
	<i>O. incerta</i>	Clouded Drab	2188	24.04.11	PF	C
	<i>O. gothica</i>	Hebrew Character	2190	23.04.11	PF	C
	<i>Mythimna conigera</i>	Brown-line Bright Eye	2192	Pre 2000	NRMP 2000	C
	<i>M. impura</i>	Smoky Wainscot	2198	05.07.11	PF	C
	<i>Mythimna pallens</i>	Common Wainscot	2199	24.05.11	PF	C
	<i>M. comma</i>	Shoulder-striped Wainscot	2205	Pre-2000	NRMP 2000	C
	<i>Aporophyla nigra</i>	Black Rustic	2232	25.09.11	PF	C
	<i>Allophyes oxycanthae</i>	Green-brindled Crescent	2245	10.10.11	PF/KC	C
	<i>Dryobotodes eremita</i>	Brindled Green	2248	15.09.11	PF/KC	C
	<i>Eupsilia transversa</i>	Satellite	2256	13.03.12	KC	C



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	<i>Conistra vaccinii</i>	Chestnut	2258	02.11.11	PF	C
NOCTUIDAE CONTINUED	<i>C. ligula</i>	Dark Chestnut	2259	28.10.11	PF	C
	<i>Agrochola circumcellaris</i>	Brick	2262	28.10.11	PF	C
	<i>A. lota</i>	Red-line Quaker	2263	10.10.11	PF/KC	C
	<i>A. lychnidis</i>	Beaded Chestnut	2267	10.10.11	PF/KC	C
	<i>Atethmia centrigo</i>	Centre-barred Sallow	2269	27.08.11	DG	C
	<i>Omphaloscelis lunosa</i>	Lunar Underwing	2270	25.09.11	PF	C
	<i>Xanthia togata</i>	Pink-barred Sallow	2273	15.09.11	PF/KC	C
	<i>Cryphia domestica</i>	Marbled Beauty	2293	27.08.11	DG	C
	<i>Amphipyra pyramidea</i>	Copper Underwing agg.	2297x	27.08.11	DG	C
	<i>Mormo maura</i>	Old Lady	2300	27.08.11	KC/PF	L
	<i>Dypterygia scabriuscula</i>	Bird's Wing	2301	21.06.11	PF	L



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	<i>Phlogophora meticulosa</i>	Angle Shades	2306	08.05.11	PF	C
NOCTUIDAE CONTINUED	<i>Parastichtis ypsilon</i>	Dingy Shears	2314	05.07.11	PF/KC	L
	<i>Cosmia trapezina</i>	Dun-bar	2318	19.07.11	PF	C
	<i>Apamea monoglypha</i>	Dark Arches	2321	05.07.11	PF	C
	<i>A. crenata</i>	Clouded-bordered Brindle	2326	24.05.11	PF	C
	<i>A. epomidion</i>	Clouded Brindle	2327	07.06.11	PF	C
	<i>Oligia strigilis</i>	Marbled Minor	2337	05.07.11	PF	C
	<i>O. latruncula</i>	Tawny Marbled Minor	2339	21.06.11	PF	C
	<i>O. fasciuncula</i>	Middle Barred Minor	2340	07.06.11	PF	C
	<i>Mesoligia literosa</i>	Rosy Minor	2342	05.07.11	PF	C
	<i>Mesapamea secalis</i>	Common Rustic agg.	2343x	05.07.11	PF	C
	<i>Luperina testacea</i>	Flounced Rustic	2353	27.08.11	KC/PF	C



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	<i>Hydraecia micacea</i>	Rosy Rustic	2361	27.08.11	DG	C
NOCTUIDAE CONTINUED	<i>Hoplodrina alsines</i>	Uncertain	2381	05.07.11	PF	C
	<i>H. blanda</i>	Rustic	2382	05.07.11	PF	C
	<i>Caradina morpheus</i>	Mottled Rustic	2387	05.07.11	PF	C
	<i>Paradrina clavipalpis</i>	Pale Mottled Willow	2389	25.05.12	PF	C
	<i>Scoliopteryx libatrix</i>	The Herald	2469	05.07.11	PF	C
	<i>Laspeyria flexula</i>	Beautiful Hook-tip	2473	21.06.11	PF	L
	<i>Rivula sericealis</i>	Straw Dot	2474	27.08.11	DG	C
	<i>Hyphena proboscidalis</i>	Snout	2477	21.06.11	PF	C
	<i>Zanclognatha tarsipennalis</i>	Fan-foot	2489	21.06.11	PF	C
	<i>Herminea grisealis</i>	Small Fan-foot	2492	07.06.11	PF	C