

Pembrokeshire Lepidoptera

Annual Report, 2005

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Introduction

Regrettably, this year's report has been delayed due to pressure of field work during 2006. The format of the report has also been modified to enable it to be produced more quickly. In previous reports, all records for all moth taxa have been listed. In this report, only records of taxa deemed to be significant are shown. These include taxa new to the County list and those of conservation importance. Additionally, the new format has allowed the reporting of detail; of butterfly taxa for the first time for many years.

There was a wide range of activities in the County during the year. Many site visits were made, trapping was carried out in gardens, searches for eggs, etc. All these activities have given rise to a large number of records of Lepidoptera in the County during the year.

Many recorders have contributed records to the Pembrokeshire Lepidoptera Database during the year. There is not space to list them all but the most significant are listed in Table 1, below.

Of great importance in the County was the capture on two occasions in March 2005 of further specimens of *Rhigognostis incarnatella* strengthening the belief that a viable colony exists in the area around Newport in north Pembrokeshire.

Records and Recorders.

Table 1. List of the main recorders who submitted records during 2005.

Abbreviation	Recorder(s)
ADL	Tony Lewis (NPMG)
AH	Annie Haycock
BH	Bob Haycock (CCW)
BS	Barry Stewart
DH	David Harries
EPR	E. & P. Rapley (NPMG)
JA	Janet Atkinson (NPMG)
LC	Lesley Crawley
LG	Lin Gander
MS	Mike Snow (WTSWW)
NL	Norman Lowe
NPMG	North Pembs Moth Group
PB	Peter Byles (NPMG)
RE	Ron Elliott (County Recorder)
RG	Roly Gill (NPMG)
RJ	Roger James
SAC	Steve & Ann Coker
SB	Seb Buckton

In 2005, a total of 12,545 records were added to the County database. These records were of 604 taxa from a total of 37 families. The full details are included in Table 2.

Table 2 The number of taxa and records for each family included in the Pembrokeshire Lepidoptera Database in 2005

Family	No. Taxa	No. Records
Micropterigidae	1	21

<i>Family</i>	<i>No. Taxa</i>	<i>No. Records</i>
Hepialidae	4	62
Nepticulidae	16	38
Tischeriidae	3	6
Incurvariidae	1	1
Adelidae	4	16
Zygaenidae	2	17
Tineidae	7	16
Bucculatricidae	1	1
Gracillariidae	17	23
Sesiidae	1	1
Choreutidae	1	5
Yponomeutidae	16	42
Coleophoridae	1	1
Oecophoridae	16	74
Gelechiidae	6	9
Blastobasidae	1	45
Momphidae	3	6
Cosmopterigidae	1	1
Tortricidae	64	506
Alucitidae	1	30
Pyralidae	42	736
Pterophoridae	6	30
Hesperiidae	3	37
Pieridae	6	228
Lycaenidae	6	119
Nymphalidae	16	593
Lasiocampidae	5	145
Saturnidae	1	12
Drepanidae	7	181
Geometridae	135	3510
Sphingidae	7	347
Notodontidae	15	401
Lymantriidae	3	74
Arctiidae	17	676
Nolidae	1	14
Noctuidae	167	5287

New species.

Twenty-three taxa were taken during 2005 which were new to the County List and these are detailed in Table 3, below.

Table 3. Taxa new to the Pembrokeshire County list in 2005

<i>Taxon</i>
Ectoedemia albifasciella (Heinemann, 1871)
Ectoedemia subbimaculella (Haworth, 1828)
Ectoedemia septembrella (Stainton, 1849)
Stigmella hemargyrella (Kollar, 1832)
Stigmella oxyacanthella (Stainton, 1854)
Tischeria dodonaea Stainton, 1858
Psychoides filicivora (Meyrick, 1937)
Bucculatrix ulmella Zeller, 1848
Parornix scoticella (Stainton, 1850)
Phyllonorycter heegeriella (Zeller, 1846)
Yponomeuta rorrella (Hübner, 1796)
Yponomeuta sedella Treitschke, 1832
Agonopterix bipunctosa (Curtis, 1850)
Metzneria aestivella (Zeller, 1839)
Stenolechia gemmella (Linnaeus, 1758)
Helcystogramma rufescens (Haworth, 1828)
Ancylis obtusana (Haworth, 1811)
Epinotia ramella (Linnaeus, 1758)
Epiblema trimaculana (Haworth, 1811)
Platytes alpinella (Hübner, 1813)
Ephestia kuehniella Zeller, 1879
Plodia interpunctella (Hübner, 1813)
Xanthia ocellaris (Borkhausen, 1792)

Site Visits in 2005

Every year, a number of site visits are made by the North Pembrokeshire Moth Group (NPMG) to various places, sometimes at the request of the owner or their representative and at other times to look for a specific species or groups of species. During 2005, 16 such visits were made by the Group. The list of sites is shown in Table 4.

Table 4. List of sites visited by the North Pembrokeshire Moth Group during 2005

<i>Visit Date</i>	<i>Site Name</i>	<i>1km square NGR</i>
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<i>Visit Date</i>	<i>Site Name</i>	<i>1km square NGR</i>
08/06/05	Teifi Marshes SSSI	SN1845
16/06/05	Minwear Woods	SN0513
18/06/05	Dolbont, Nevern	SN0838
21/06/05	Ty Rhos Nursery	SN0837
25/06/05	Felindre Farchog	SN0939
11/07/05	Fachongle Ganol	SN0836
21/07/05	Melsmere	SM9230
26/07/05	Pengelli Forest NNR	SN1239
06/08/05	Tycanol Meadows	SN0937
10/08/05	Monnington	SN1343
12/08/05	Penpedwast	SN1239
19/08/05	Llangloffan Fen NNR	SM9031
20/08/05	Felindre Farchog	SN0939
31/08/05	Cilgwyn Meadows	SN0736
07/09/05	Riverslea	SN0539
03/10/05	Y Bwthyn	SM8839

National Moth Night 2005

Nation Moth Night (NMN) 2005 was scheduled for 9th July and the main night-time target species was *Mythimna turca*, the Double Line moth.. There are currently only 11 records for this species in Pembrokeshire; some are vague records for various 10km squares in 1900 and 1961 but the meaningful records are two from Ivan Krays in 1972 and 1973 at Cilgwyn (SN0736) and two from Liz and Phil Rapley at Felindre in 2004 (SN0939). Several other sites, thought to be suitable for the species, have been trapped over the past three years without any further success. No specimens of the night-time target species were taken this year.

In previous years, NMN has been linked to a public event in order to get more people interested but the response in Pembrokeshire has generally been very poor. In the main this was due to weather conditions as NMN nights were often cold, wet or windy and sometimes, all three. This year, however, the weather was much kinder. The night was dry, warm and humid; ideal conditions for moth trapping.

We decided for 2005 not to link NMN with a public event but to extend the moth trapping effort as widely as possible throughout the county. In the event, a total of 19 traps were set at 16 different sites in the County from Freshwater East in the south to Teifi Marshes SSSI in the north. In all, a minimum of 2,235 moths were taken from 187 taxa from 14 different families. The moths taken were counted in 17 traps; taxa only were listed for the other two. For these two traps the quantity taken has been entered as 1, the minimum possible. Table 5, below, gives details of the trap locations, recorders and the numbers of taxa and individuals recorded. Where more than one trap was run at a site the results were amalgamated for this report.

Seven sites took over 50 taxa each; Hundleton, Penybryn (the highest with 78 taxa), Newport, Felindre Farchog, Werngwyddel, Slebech and Teifi Marshes. Also, nine sites achieved more than 100 individuals with Hundleton taking 491 and Penybryn, 401.

Table 5. Details of the traps set for National Moth Night.

<i>Site</i>	<i>Location</i>	<i>1 km sq</i>	<i>Recorder</i>	<i>Taxa</i>	<i>Indivs</i>
1	Lamphey	SN0100	Ron Elliott	36	162
2	Freshwater East	SS0198	Ron Elliott	22	129
3	Coedcanlas	SN0008	Ron Elliott	20	63
4	Hundleton (3 traps combined)	SM9300	David Harries	67	491
5	Loveston	SN0808	Lesley Crawley	41	132
6	Penybryn (2 traps combined)	SN1843	Roland Gill	78	401
7	Newport	SN0538	Tony Lewis	55	150
8	Pont Ceunant	SN0437	Tony Lewis	13	39
9	Pencastell	SN1146	Peter Byles	38	134
10	Crundale	SM9718	Ray Wilkinson	32	57
11	Spittal	SM9723	Trevor Theobald	5	10
12	Fishguard	SM9537	Andrew Tuddenham	20	60
13	Felindre Farchog	SN1039	Janet Atkinson	57	126
14	Felindre Farchog (catch not counted)	SN0939	E. & P. Rapley	62	62
15	Slebech	SN0114	Mike Pritchard	62	166
16	Teifi Marshes NR (catch not counted)	SN1845	Mike Snow	53	53
			Total individuals		2235

Fourteen different families were represented in the various catches and a breakdown is given in Table 6 below. As might be expected, Noctuids and Geometrids made up the bulk of the catch but both Pyralids and Tortrices were well represented.

Table 6. Breakdown of families taken on NMN

<i>Family</i>	<i>Taxa</i>	<i>Indivs</i>
Zygaenidae	2	14
Yponomeutidae	1	1
Oecophoridae	1	3
Tortricidae	18	81
Pyralidae	23	232
Pterophoridae	2	4
Lasiocampidae	2	48
Drepanidae	3	35
Geometridae	52	421
Sphingidae	5	72
Notodontidae	5	72
Lymantriidae	1	1
Arctiidae	11	104
Noctuidae	61	1147
Totals	187	2235

Only one taxon was taken at all 16 sites, *Apamea monoglypha*, Dark Arches. The nearest of the rest was *Agrotis exclamatoris*, Heart & Dart which was taken at 14 of the 16 sites, missing only from Pont Ceunant and Spittal. The taxon with the highest number of individuals taken was *A. exclamatoris* with 408. Remarkably, 72 taxa (over 38% of the total) were taken only at one site and many of these were recorded as singletons. A full breakdown of the results for all sites and taxa is shown in the table below

In all, the event was a great success in the County, providing a snapshot of the Lepidoptera present on a single night. I would like to thank all the recorders who trapped on the night and passed their records over to me so quickly.

All details have been passed on to Butterfly Conservation for inclusion in the national results, which have now been published.

Breakdown of taxa and sites for National Moth Night 2005.

Taxon	Vernacular	Site 1	Site 2	Site 3	Site 4	Site 5	Site 6	Site 7	Site 8	Site 9	Site 10	Site 11	Site 12	Site 13	Site 14	Site 15	Site 16	Traps	Indivs
ZYGAENIDAE																			
Zygaena filipendulae	Six-spot Burnet									1							1	2	2
Zygaena trifolii	Five-spot Burnet						12											1	12
YPONOMEUTIDAE																			
Yponomeuta evonymella	Bird Cherry Ermine				1													1	1
OECOPHORIDAE																			
Carcina quercana							3											1	3
TORTRICIDAE																			
Agapeta hamana		5					6			1			5				1	5	18
Agapeta zoegana										1							1	2	2
Pandemis cerasana	Barred Fruit-tree Tortrix						7						1	1			1	4	10
Archips podana	Large Fruit-tree Tortrix														1	1	1	3	3
Aphelia paleana	Timothy Tortrix						1											1	1
Epiphyas postvittana	Light Brown Apple Moth	1																1	1
Lozotaenia forsterana				1														1	1
Ditula angustiorana	Red-barred Tortrix						1											1	1
Pseudogyrotoza conwagana					1			1										2	2
Cnephasia stephensiana	Grey Tortrix						12											1	12
Aleimma loeflingiana							1											1	1
Celypha striana								1										1	1
Hedya pruniana	Plum Tortrix						2											1	2
Hedya nubiferana	Marbled Orchard Tortrix						8				1							2	9
Epiblema cynosbatella							5											1	5
Epiblema uddmanniana	Bramble-shoot Moth						4											1	4
Eucosma hohewartiana								1										1	1
Cydia pomonella	Codling Moth							7										1	7
PYRALIDAE																			
Chrysoteuchia culmella	Garden Grass-veneer	32	26	13		50	13		1				1	1				8	137
Crambus pascuella								1										1	1
Agriphila straminella									1									1	1

Taxon	Vernacular	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Traps	Indivs
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		
Agriphila tristella			1							1						1		3	3
Scoparia pyralella							5											1	5
Dipleurina lacustrata								3					2	1				3	6
Eudonia truncicolella									2									1	2
Eudonia delunella							9									1		2	10
Eudonia mercurella								1										1	1
Elophila nymphaeata	Brown China-mark													1		1		2	2
Evergestis forficalis	Garden Pebble	1						1									1	3	3
Eurrhynx hortulata	Small Magpie	2	1	1	4	1	1	3			3					1	1	10	18
Phlyctaenia stachydalis														1	1			2	2
Ebulea crocealis		1																1	1
Opsibotys fuscalis						1												1	1
Udea prunalis								3	4									2	7
Udea olivalis						6	1	5							1			4	13
Nomophila noctuella	Rush Veneer																1	1	1
Pleuroptya ruralis	Mother of Pearl				3		6	1					1	1	1	1		7	14
Hypsopygia costalis	Gold Triangle						1											1	1
Aphomia sociella	Bee Moth															1		1	1
Phycita roborella							1											1	1
Myelois circumvoluta	Thistle Ermine		1															1	1
PTEROPHORIDAE																			
Platyptilia pallidactyla											1							1	1
Pterophorus pentadactyla	White Plume Moth			1								2						2	3
LASIOCAMPIDAE																			
Malacosoma neustria	Lackey		1	1	27					2				1	1	1		7	34
Euthrix potatoria	Drinker				3	3	3		1	2						1	1	7	14
DREPANIDAE																			
Drepana falcataria	Pebble Hook-tip														1			1	1
Thyatira batis	Peach Blossom				2	6	2						2		1			5	13
Habrosyne pyritoides	Buff Arches	1			3	4		1					2	1	8	1		8	21
GEOMETRIDAE																			

Taxon	Vernacular	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Traps	Indivs
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		
Pseudoterpna pruinata	Grass Emerald			1						1	1							3	3
Geometra papilionaria	Large Emerald							2						1		1		3	4
Hemithea aestivaria	Common Emerald	1			2				1					2	1	1	1	7	9
Hemistola chrysoprasaria	Small Emerald						1											1	1
Scopula marginepunctata	Mullein Wave						1					1						2	2
Scopula floslactata	Cream Wave															1		1	1
Idaea biselata	Small Fan-footed Wave				6				1							3		3	10
Idaea dimidiata	Single-dotted Wave																	1	1
Idaea subsericeata	Satin Wave							2										1	2
Idaea aversata	Riband Wave	7	2	3	27	1	4	8					1	3	1	4	1	12	62
Xanthorhoe fluctuata fluctuata	Garden Carpet	1			1													2	2
Scotopteryx chenopodiata	Shaded Broad-bar				1													1	1
Epirrhoe alternata	Common Carpet	1			3													3	5
Camptogramma bilineata	Yellow Shell										3				1			2	4
Mesoleuca albicillata	Beautiful Carpet				1													1	1
Cosmorhoe ocellata	Purple Bar										1							1	1
Eulithis prunata	Phoenix													2	1			2	3
Eulithis pyraliata	Barred Straw				16	4	3	2			1			3		1	1	8	31
Chloroclysta truncata	Common Marbled Carpet				1													1	1
Cidaria fulvata	Barred Yellow				4		1											2	5
Colostygia pectinataria	Green Carpet									1								1	1
Hydriomena furcata	July Highflyer			1	3	1	5	1			1				1		1	8	14
Rheumaptera undulata	Scallop Shell				4													1	4
Euphyia unangulata	Sharp-angled Carpet				6	2										1		3	9
Perizoma affinitata	Rivulet								1						2			2	3
Perizoma alchemillata	Small Rivulet				1											1		2	2
Perizoma flavfasciata	Sandy Carpet				9			4										2	13
Perizoma didymata	Twin-spot Carpet															1		1	1
Eupithecia centaureata	Lime-speck Pug				1													1	1
Eupithecia absinthiata	Wormwood Pug								1									1	1
Chloroclystis v-ata	V Pug							2			1			1			1	4	5

Taxon	Vernacular	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Traps	Indivs
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		
Pasiphila rectangulata	Green Pug				1	1	5							1		1		5	9
Gymnoscelis rufifasciata	Double -striped Pug								2						1	1		3	4
Euchoeca nebulata	Dingy Shell				1													1	1
Abraxas grossulariata	Magpie Moth				1			1									1	3	3
Lomaspilis marginata	Clouded Border	1		1	3	2	17	1						5	1			8	31
Macaria notata	Peacock Moth																1	1	1
Macaria alternata	Sharp-angled Peacock				1	1												2	2
Opisthograptis luteolata	Brimstone Moth	1		2	6	11	3	1		1	2		1		1	2	1	12	32
Selenia dentaria	Early Thorn				1	1	1			1					1	1	1	7	7
Crocallis elinguaris	Scalloped Oak				6		1											3	8
Ourapteryx sambucaria	Swallow-tailed Moth				2	5	2	1			4		3	1	1	1	1	10	21
Biston betularia	Peppered Moth	1	3		6	2	5			3	1			1	1	9	1	11	33
Peribatodes rhomboidaria	Willow Beauty	1			3			1			1				1	1	1	7	9
Alcis repandata	Mottled Beauty													1	1	1		3	3
Cleorodes lichenaria	Brussels Lace	1		1	3		1			1	1				1	2	1	9	12
Ectropis bistortata	Engrailed													1	1			2	2
Cabera pusaria	Common White Wave						1							1				2	2
Cabera exanthemata	Common Wave					3	2	1			1					1		5	8
Lomographa temerata	Clouded Silver				11	3		2			1							4	17
Campaea margaritata	Light Emerald	1			1	1	1	2			1			1	1	3		9	12
Hylaea fasciaria	Barred Red																1	1	1
SPHINGIDAE																			
Sphinx ligustri	Privet Hawk-moth			1		1		1			1					1		5	5
Laothoe populi	Poplar Hawk-moth			4	6	3	11			1					1	1	1	8	28
Macroglossum stellatarum	Humming-bird Hawk-moth									1								1	1
Deilephila elpenor	Elephant Hawk-moth	1		2	6	8	3	1		1		2	1	1	7	1		12	34
Deilephila porcellus	Small Elephant Hawk-moth					3				1								2	4
NOTODONTIDAE																			
Phalera bucephala	Buff-tip	5	1	2	9	12	8	1		3		1	5	1	7			12	55
Stauropus fagi	Lobster Moth															1		1	1
Notodonta dromedarius	Iron Prominent				1													1	1

Taxon	Vernacular	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Traps	Indivs
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		
Notodonta ziczac	Pebble Prominent				3	2	2											3	7
Ptilodon capucina	Coxcomb Prominent							7							1			2	8
LYMANTRIIDAE																			
Callitearia pudibunda	Pale Tussock													1				1	1
ARCTIIDAE																			
Thumatha senex	Round-winged Muslin																	1	1
Mitochrista miniata	Rosy Footman				6	2	3											1	4
Eilema griseola	Four-dotted Footman														1			1	1
Eilema griseola	Dingy Footman					3	2	5						2		4	1	6	17
Eilema complana	Scarce Footman									1								1	1
Eilema lurideola	Common Footman				1	7		4						3		5	1	6	21
Arctia caja	Garden Tiger				6		1	1		6			1	1	1		1	8	18
Spilosoma lubricapeda	White Ermine				12											1	1	3	14
Spilosoma luteum	Buff Ermine	2	1					3		1		3	5					6	15
Callimorpha dominula	Scarlet Tiger																	1	1
Tyria jacobaeae	Cinnabar						2							1				2	3
NOCTUIDAE																			
Agrotis exclamationis	Heart and Dart	51	52	15	153	15	24	18		11	11		19	19	1	18	1	14	408
Agrotis trux lunigera	Crescent Dart									6								1	6
Axylia putris	Flame			2			3	2		1		1	1	1	1	1	1	9	13
Ochropleura plecta	Flame Shoulder				2	1	2	1	1	1				3	1		1	9	13
Noctua pronuba	Large Yellow Underwing	6			15		10	1		5		1	6	3	1	2		10	50
Noctua orbona	Lunar Yellow Underwing											1						1	1
Noctua fimbriata	Broad-bordered Yellow Underwing						1											1	1
Lycophotia porphyrea	True Lover's Knot								20									1	20
Diarsia mendica	Ingrailed Clay								7	2						1		3	10
Diarsia brunnea	Purple Clay													1	1		1	3	3
Diarsia rubi	Small Square-spot								1					2				2	3
Xestia c-nigrum	Setaceous Hebrew Character				1		1								1			3	3
Xestia ditrapezium	Triple-spotted Clay							2						1				2	3
Xestia triangulum	Double Square-spot				1		1	3					1	1	1	1	1	8	10

Taxon	Vernacular	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Traps	Indivs
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		
Anaplectoides prasina	Green Arches									1								1	1
Polia nebulosa	Grey Arches	1																1	1
Mamestra brassicae	Cabbage Moth												1					1	1
Melanchra persicariae	Dot Moth				2	1	1	3		1		1	1	1	2	1		10	14
Lacanobia oleracea	Bright-line Brown-eye	5			1	1	2		1	2		3	2	1	6			10	24
Hadena rivularis	Campion												2					1	2
Hadena confusa	Marbled Coronet					2				4								2	6
Hadena bicruris	Lychnis						2	2		1				1	1			5	7
Mythimna ferrago	Clay				1					17						6		3	24
Mythimna pudorina	Striped Wainscot														1			1	1
Mythimna impura	Smoky Wainscot						2		1	6						1	1	5	11
Mythimna pallens	Common Wainscot				2		6			2			1	1	5			6	17
Mythimna unipuncta	White-speck						1											1	1
Mythimna comma	Shoulder-striped Wainscot				3									2				2	5
Cucullia umbratica	Shark									2								1	2
Acronicta megacephala	Poplar Grey																1	1	1
Acronicta leporina grisea	Miller										1							1	1
Craniophora ligustri	Coronet	2			3	1					1				7	1		6	15
Cryphia domestica	Marbled Beauty							1							1			2	2
Cryphia muralis	Marbled Green										1							1	1
Euplexia lucipara	Small Angle Shades				1					1				1				3	3
Phlogophora meticulosa	Angle Shades				1													1	1
Apamea monoglypha	Dark Arches	5	18	3	26	2	7	6	1	34	4	6	8	2	1	6	1	16	130
Apamea lithoxylea	Light Arches															1		1	1
Apamea crenata	Clouded-bordered Brindle			1											1			2	2
Apamea scolapacina	Slender Brindle																1	1	1
Oligia fasciuncula	Middle-barred Minor	1	1															2	2
Photedes minima	Small Dotted Buff						5									1		2	6
Hoplodrina alsines	Uncertain	4	5	8	7		12	13			3			8	1	12	1	11	74
Hoplodrina blanda	Rustic				4			1			1					2		4	8
Paradrina clavipalpas	Pale Mottled Willow						2											1	2

Taxon	Vernacular	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Traps	Indivs	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16			
Nycteola revayana	Oak Nycteoline	1																1	1	
Diachrysia chrysitis	Burnished Brass		2		3	1				3				1	1	3	1	8	15	
Autographa gamma	Silver Y				1												1	2	2	
Autographa pulchrina	Beautiful Golden Y					7	1					1	1	2		1		6	13	
Autographa jota	Plain Golden Y	2			5		3	1								1		5	12	
Autographa bractea	Gold Spangle															1		1	1	
Abrostola tripartita	Spectacle			1				1		2						1	2	1	6	8
Scoliopteryx libatrix	Herald						2						1				1	3	4	
Rivula sericealis	Straw Dot						40	3						1	1	2	1	6	48	
Hypena proboscidalis	Snout	1			13		4	2			1			2	1		1	8	25	
Schrankia costaestrigalis	Pinion-streaked Snout	2							1							1		3	4	
Zanclognatha tarsipennalis	Fan-foot	4			8		2	3			1		4	3	1	4	1	10	31	
Herminia grisealis	Small Fan-foot						5							1	1	1		4	8	
Acronicta tridens/psi	Dark / Grey Dagger	1	1			2							1		1			5	6	
Oligia sp.		1	1		8		11			2	1				1	1		8	26	
Mesapamea secalis agg.	Common Rustic agg.	8	6	1		4	5	1		3	1	1			1	1		11	32	
Totals	No. of Taxa	36	22	20	67	41	78	55	13	38	32	5	20	57	62	62	53	187		
	No. of Individuals	162	129	63	491	132	401	150	39	134	57	10	60	126	62	166	53		2235	

Systematic List, Pembrokeshire, 2005

Family: Micropterigidae	No. Taxa: 1	No. Records: 21
Micropterix calthella (Linnaeus, 1761)		No. Records: 21
Family: Hepialidae	No. Taxa: 4	No. Records: 62
Hepialus humuli (Linnaeus, 1758)	Ghost Moth	No. Records: 13
Hepialus sylvina (Linnaeus, 1761)	Orange Swift	No. Records: 11
Hepialus lupulinus (Linnaeus, 1758)	Common Swift	No. Records: 30
Hepialus fusconebulosa (DeGeer, 1778)	Map-winged Swift	No. Records: 8
Family: Nepticulidae	No. Taxa: 16	No. Records: 38
Ectoedemia angulifasciella (Stainton, 1849)		No. Records: 1
Ectoedemia atricollis (Stainton, 1857)		No. Records: 1
Ectoedemia albifasciella (Heinemann, 1871)		No. Records: 2 New County record and 2 nd County Record. Recorded from vacated larval mines at Teifi Marshes SSSI, SN1845, RE and Felindre, SN1039, JA
Ectoedemia subbimaculella (Haworth, 1828)		No. Records: 2 New County record and 2 nd County Record. Recorded from vacated larval mines at Teifi Marshes SSSI, SN1845, RE and Felindre, SN1039, JA
Ectoedemia septembrella (Stainton, 1849)		No. Records: 1 New County Record . Recorded from vacated larval mines at Teifi Marshes SSSI, SN1845, RE
Stigmella aurella (Fabricius, 1775)		No. Records: 15
Stigmella plagiolella (Stainton, 1854)		No. Records: 1
Stigmella salicis (Stainton, 1854)		No. Records: 1
Stigmella floslactella (Haworth, 1828)		No. Records: 2
Stigmella tityrella (Stainton, 1854)		No. Records: 2
Stigmella hemargyrella (Kollar, 1832)		No. Records: 1
Stigmella atricapitella (Haworth, 1828)		No. Records: 1
Stigmella ruficapitella (Haworth, 1828)		No. Records: 2
Stigmella anomalella (Goeze, 1783)	Rose Leaf Miner	No. Records: 1

Stigmella oxyacanthella (Stainton, 1854)		No. Records: 1 New County Record. Recorded from vacated larval mines at Teifi Marshes SSSI, SN1845, RE
Stigmella microtheriella (Stainton, 1854)		No. Records: 3
Family: Tischeriidae	No. Taxa: 3	No. Records: 6
Tischeria ekebladella (Bjerkander, 1795)		No. Records: 1
Tischeria dodonaea Stainton, 1858		No. Records: 1 New County Record. Recorded from vacated larval mines at Teifi Marshes SSSI, SN1845, RE
Emmetia marginea (Haworth, 1828)		No. Records: 4
Family: Incurvariidae	No. Taxa: 1	No. Records: 1
Incurvaria masculella ([Denis & Schiffmüller], 1775)		No. Records: 1
Family: Adelidae	No. Taxa: 4	No. Records: 16
Nematopogon swammerdamella (Linnaeus, 1758)		No. Records: 6
Nematopogon metaxella (Hübner, 1813)		No. Records: 1
Nemophora degeerella (Linnaeus, 1758)		No. Records: 8
Adela reaumurella (Linnaeus, 1758)		No. Records: 1
Family: Zygaenidae	No. Taxa: 2	No. Records: 17
Zygaena filipendulae (Linnaeus, 1758)	Six-spot Burnet	No. Records: 14
Zygaena trifolii (Esper, 1783)	Five-spot Burnet	No. Records: 3
Family: Tineidae	No. Taxa: 7	No. Records: 16
Psychoides verhuella Bruand, 1853		No. Records: 4
Psychoides filicivora (Meyrick, 1937)		No. Records: 4 New County Record. Status: Nb Four records from Teifi Marshes SSSI, SN1845, NL; Stackpole, SR9796, RE; All Pengenin, SN0234, ADL and Cwm Gwaun, SN0435, ADL
Monopis laevigella ([Denis & Schiffmüller], 1775)	Skin Moth	No. Records: 2
Niditinea fuscella (Linnaeus, 1758)	Brown-dotted Clothes Moth	No. Records: 1

Tinea semifulvella Haworth, 1828		No. Records: 1
Tinea trinotella Thunberg, 1794		No. Records: 2
Lyonetia clerkella (Linnaeus, 1758)	Apple Leaf Miner	No. Records: 2
Family: Bucculatricidae	No. Taxa: 1	No. Records: 1
Bucculatrix ulmella Zeller, 1848		No. Records: 1 New County Record. Recorded from vacated larval mines at Teifi Marshes SSSI, SN1845, NL
Family: Gracillariidae	No. Taxa: 17	No. Records: 23
Caloptilia stigmatella (Fabricius, 1781)		No. Records: 2
Caloptilia syringella (Fabricius, 1794)		No. Records: 1
Parornix anglicella (Stainton, 1850)		No. Records: 1
Parornix devoniella (Stainton, 1850)		No. Records: 1
Parornix scoticella (Stainton, 1850)		No. Records: 1 New County Record. Recorded from vacated larval mines at Teifi Marshes SSSI, SN1845, RE
Deltaornix torquillella (Zeller, 1850)		No. Records: 1
Phyllonorycter harrisella (Linnaeus, 1761)		No. Records: 2
Phyllonorycter heegeriella (Zeller, 1846)		No. Records: 1 New County Record. Recorded from vacated larval mines at Teifi Marshes SSSI, SN1845, RE
Phyllonorycter messaniella (Zeller, 1846)		No. Records: 1
Phyllonorycter oxyacanthae (Frey, 1856)		No. Records: 2
Phyllonorycter blancardella Fabricius, 1781		No. Records: 2
Phyllonorycter spinicolella (Zeller, 1846)		No. Records: 1
Phyllonorycter salictella viminiella (Sircom, 1848)		No. Records: 1
Phyllonorycter maestingella (Müller, 1764)		No. Records: 1
Phyllonorycter coryli (Nicelli, 1851)	Nut Leaf Blister Moth	No. Records: 3
Phyllonorycter nicellii (Stainton, 1851)		No. Records: 1
Phyllonorycter trifasciella (Haworth, 1828)		No. Records: 1
Family: Sesiidae	No. Taxa: 1	No. Records: 1
Sesia bembeciformis (Hübner, 1806)	Lunar Hornet Moth	No. Records: 1

Family: Choreutidae	No. Taxa: 1	No. Records: 5
Anthophila fabriciana (Linnaeus, 1767)		No. Records: 5
Family: Yponomeutidae	No. Taxa: 16	No. Records: 42
Argyresthia brockeella (Hübner, 1813)		No. Records: 1
Argyresthia goedartella (Linnaeus, 1758)		No. Records: 2
Yponomeuta evonymella (Linnaeus, 1758)	Bird-cherry Ermine	No. Records: 5
Yponomeuta padella (Linnaeus, 1758)	Orchard Ermine	No. Records: 1
Yponomeuta rorrella (Hübner, 1796)	Willow Ermine	No. Records: 1 New County Record. Status: pRDB3 Recorded from Felindre, SN0939, EPR
Yponomeuta sedella Treitschke, 1832		No. Records: 1 New County Record. Status: Nb Recorded from Newport, SN0538, ADL
Pseudoswammerdamia combinella (Hübner, 1786)		No. Records: 10
Swammerdamia pyrella (Villers, 1789)		No. Records: 2
Prays fraxinella (Bjerkander, 1784)	Ash Bud Moth	No. Records: 1
Ypsolopha dentella (Fabricius, 1775)	Honeysuckle Moth	No. Records: 5
Ypsolopha parenthesesella (Linnaeus, 1761)		No. Records: 1
Plutella xylostella (Linnaeus, 1758)	Diamond-back Moth	No. Records: 4
Plutella porrectella (Linnaeus, 1758)		No. Records: 4
Rhigognostis incarnatella (Stuedel, 1873)		No. Records: 2 Status: pRDB1 3 rd and 4 th County Records from Newport, SN0538, ADL. These latest records support the belief that there is a viable population in the Newport area of north Pembrokeshire.
Digitivalva pulicariae Klimesch, 1956		No. Records: 1
Acrolepia autumnitella Curtis, 1838		No. Records: 1
Family: Coleophoridae	No. Taxa: 1	No. Records: 1
Coleophora gryphipennella (Hübner, 1796)		No. Records: 1
Family: Oecophoridae	No. Taxa: 16	No. Records: 74
Hofmannophila pseudospretella (Stainton, 1849)	Brown House Moth	No. Records: 4
Endrosis sarcitrella (Linnaeus, 1758)	White-shouldered House Moth	No. Records: 8
Esperia sulphurella (Fabricius, 1775)		No. Records: 2

<i>Carcina quercana</i> (Fabricius, 1775)		No. Records: 8
<i>Diurnea fagella</i> ([Denis & Schiffermüller], 1775)		No. Records: 7
<i>Depressaria daucella</i> ([Denis & Schiffermüller], 1775)		No. Records: 2
<i>Depressaria heraclei</i> (Retzius, 1783)	Parsnip Moth	No. Records: 3
<i>Depressaria chaerophylli</i> Zeller, 1839		No. Records: 1
<i>Agonopterix heracliana</i> (Linnaeus, 1758)		No. Records: 27
<i>Agonopterix purpurea</i> (Haworth, 1811)		No. Records: 1
<i>Agonopterix alstromeriana</i> (Clerck, 1759)		No. Records: 1
<i>Agonopterix arenella</i> ([Denis & Schiffermüller], 1775)		No. Records: 5
<i>Agonopterix bipunctosa</i> (Curtis, 1850)		No. Records: 1 New County Record. Status: Nb Recorded from Penybryn, SN1843, RG
<i>Agonopterix ocellana</i> (Fabricius, 1775)		No. Records: 2
<i>Agonopterix angelicella</i> (Hübner, 1813)		No. Records: 1
<i>Agonopterix yeatiana</i> (Fabricius, 1781)		No. Records: 1
Family: Gelechiidae	No. Taxa: 6	No. Records: 9
<i>Metzneria aestivella</i> (Zeller, 1839)		No. Records: 1 New County Record. Status: Nb Recorded from Texaco Refinery, SM9002, BS
<i>Stenolechia gemmella</i> (Linnaeus, 1758)		No. Records: 1 New County Record. Recorded from Felindre, SN1039, JA
<i>Athrips mouffetella</i> (Linnaeus, 1758)		No. Records: 2
<i>Scrobipalpa costella</i> (Humphreys & Westwood, 1845)		No. Records: 2
<i>Hypatima rhomboidella</i> (Linnaeus, 1758)		No. Records: 1
<i>Helcystogramma rufescens</i> (Haworth, 1828)		No. Records: 2 New County Record and 2 nd County Record. Recorded from Penybryn, SN1843, RG
Family: Blastobasidae	No. Taxa: 1	No. Records: 45
<i>Blastobasis adustella</i> Walsingham, 1894		No. Records: 45

Family: Momphidae	No. Taxa: 3	No. Records: 6
Mompha locupletella ([Denis & Schiffermüller], 1775)		No. Records: 4
Mompha raschkiella (Zeller, 1839)		No. Records: 1
Mompha propinquella (Stainton, 1851)		No. Records: 1
Family: Cosmopterigidae	No. Taxa: 1	No. Records: 1
Blastodacna hellerella (Duponchel, 1838)		No. Records: 1
Family: Tortricidae	No. Taxa: 64	No. Records: 506
Agapeta hamana (Linnaeus, 1758)		No. Records: 43
Agapeta zoegana (Linnaeus, 1767)		No. Records: 7
Cochylis atricapitana (Stephens, 1852)		No. Records: 12
Pandemis corylana (Fabricius, 1794)	Chequered Fruit-tree Tortrix	No. Records: 5
Pandemis cerasana (Hübner, 1786)	Barred Fruit-tree Tortrix	No. Records: 20
Pandemis cinnamomeana (Treitschke, 1830)		No. Records: 1
Pandemis heparana ([Denis & Schiffermüller], 1775)	Dark Fruit-tree Tortrix	No. Records: 19
Archips podana (Scopoli, 1763)	Large Fruit-tree Tortrix	No. Records: 18
Archips crataegana (Hübner, 1799)		No. Records: 1
Archips xylosteana (Linnaeus, 1758)	Variiegated Golden Tortrix	No. Records: 2
Aphelia paleana (Hübner, 1793)	Timothy Tortrix	No. Records: 18
Clepsis consimilana (Hübner, 1817)		No. Records: 2
Epiphyas postvittana (Walker, 1863)	Light Brown Apple Moth	No. Records: 123
Lozotaenia forsterana (Fabricius, 1781)		No. Records: 8
Ditula angustiorana (Haworth, 1811)	Red-barred Tortrix	No. Records: 1
Pseudargyrotoza conwagana (Fabricius, 1775)		No. Records: 16
Cnephasia stephensiana (Doubleday, 1849)	Grey Tortrix	No. Records: 18
Cnephasia incertana (Treitschke, 1835)	Light Grey Tortrix	No. Records: 1
Aleimma loeflingiana (Linnaeus, 1758)		No. Records: 3
Acleris bergmanniana (Linnaeus, 1758)		No. Records: 1
Acleris forsskaleana (Linnaeus, 1758)		No. Records: 3
Acleris laterana (Fabricius, 1794)		No. Records: 22
Acleris comariana (Lienig & Zeller, 1846)	Strawberry Tortrix	No. Records: 1

Acleris sparsana ([Denis & Schiffermüller], 1775)		No. Records: 1
Acleris rhombana ([Denis & Schiffermüller], 1775)	Rhomboid Tortrix	No. Records: 10
Acleris aspersana (Hübner, 1817)		No. Records: 2
Acleris ferrugana/notana		No. Records: 1
Acleris variegana ([Denis & Schiffermüller], 1775)	Garden Rose Tortrix	No. Records: 17
Acleris hastiana (Linnaeus, 1758)		No. Records: 5
Acleris cristana ([Denis & Schiffermüller], 1775)		No. Records: 3
Acleris emargana (Fabricius, 1775)		No. Records: 5
Celypha striana ([Denis & Schiffermüller], 1775)		No. Records: 1
Celypha rosaceana (Schläger, 1847)		No. Records: 1
Celypha cespitana (Hübner, 1817)		No. Records: 4
Celypha rivulana (Scopoli, 1763)		No. Records: 1
Hedya pruniana (Hübner, 1799)	Plum Tortrix	No. Records: 8
Hedya nubiferana (Haworth, 1811)	Marbled Orchard Tortrix	No. Records: 16
Orthotaenia undulana ([Denis & Schiffermüller], 1775)		No. Records: 1
Apotomis semifasciana (Haworth, 1811)		No. Records: 1
Apotomis betuletana (Haworth, 1811)		No. Records: 2
Bactra lancealana (Hübner, 1799)		No. Records: 4
Eudemis profundana ([Denis & Schiffermüller], 1775)		No. Records: 3
Ancylis uncella ([Denis & Schiffermüller], 1775)		No. Records: 1
Ancylis mitterbacheriana ([Denis & Schiffermüller], 1775)		No. Records: 1
Ancylis obtusana (Haworth, 1811)		No. Records: 1 New County Record. Recorded from Fachongle Ganol, SN0836, RE/NPMG
Ancylis badiana ([Denis & Schiffermüller], 1775)		No. Records: 2
Epinotia ramella (Linnaeus, 1758)		No. Records: 1 New County Record, Recorded from Newport, SN0538, ADL
Epinotia nisella (Clerck, 1759)		No. Records: 1
Epinotia tenerana ([Denis & Schiffermüller], 1775)	Nut Bud Moth	No. Records: 1
Gypsonoma dealbana (Frölich, 1828)		No. Records: 1
Epiblema cynosbatella (Linnaeus, 1758)		No. Records: 4

Epiblema uddmanniana (Linnaeus, 1758)	Bramble Shoot Moth	No. Records: 2
Epiblema trimaculana (Haworth, 1811)		No. Records: 1 New County Record. Recorded from Minwear Wood, SN0513, RE/NPMG
Epiblema rosaecolana (Doubleday, 1850)		No. Records: 3
Epiblema roborana ([Denis & Schiffermüller], 1775)		No. Records: 2
Epiblema scutulana ([Denis & Schiffermüller], 1775)		No. Records: 2
Eucosma hohenwartiana ([Denis & Schiffermüller], 1775)		No. Records: 3
Eucosma cana (Haworth, 1811)		No. Records: 6
Spilonota ocellana ([Denis & Schiffermüller], 1775)	Bud Moth	No. Records: 1
Pammene aurita Razowski, 1991		No. Records: 6
Pammene regiana (Zeller, 1849)		No. Records: 1
Cydia splendana (Hübner, 1799)		No. Records: 18
Cydia pomonella (Linnaeus, 1758)	Codling Moth	No. Records: 16
Dichrorampha vancouverana McDunnough, 1935		No. Records: 1

Family: Alucitidae	No. Taxa: 1	No. Records: 30
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Alucita hexadactyla Linnaeus, 1758	Twenty-plume Moth	No. Records: 30
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Family: Pyralidae	No. Taxa: 42	No. Records: 736
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Chrysoteuchia culmella (Linnaeus, 1758)	Garden Grass-veneer	No. Records: 99
Crambus pascuella (Linnaeus, 1758)		No. Records: 9
Crambus perlella (Scopoli, 1763)		No. Records: 9
Agriphila selasella (Hübner, 1813)		No. Records: 6
Agriphila straminella ([Denis & Schiffermüller], 1775)		No. Records: 23
Agriphila tristella ([Denis & Schiffermüller], 1775)		No. Records: 63
Agriphila inquinatella ([Denis & Schiffermüller], 1775)		No. Records: 1
Catoptria pinella (Linnaeus, 1758)		No. Records: 7

Platytes alpinella (Hübner, 1813)		No. Records: 1 New County Record. Status: pRDB3 Recorded from Felindre, SN0939, EPR
Scoparia subfusca Haworth, 1811		No. Records: 1
Scoparia pyralella ([Denis & Schiffermüller], 1775)		No. Records: 10
Scoparia ambigualis (Treitschke, 1829)		No. Records: 6
Dipleurina lacustrata (Panzer, 1804)		No. Records: 47
Eudonia truncicolella (Stainton, 1849)		No. Records: 4
Eudonia angustea (Curtis, 1827)		No. Records: 27
Eudonia delunella (Stainton, 1849)		No. Records: 13 Status: Nb Recorded from Penybryn, SN1843, RG (11 records); Fachongle Ganol, SN0836, RG and Lamphey, SN0100, RE
Eudonia mercurella (Linnaeus, 1758)		No. Records: 38
Elophila nymphaeata (Linnaeus, 1758)	Brown China-mark	No. Records: 15
Parapoynx stratiotata (Linnaeus, 1758)	Ringed China-mark	No. Records: 17
Evergestis forficalis (Linnaeus, 1758)	Garden Pebble	No. Records: 9
Eurrhynx hortulata (Linnaeus, 1758)	Small Magpie	No. Records: 56
Perinephela lancealis ([Denis & Schiffermüller], 1775)		No. Records: 1
Phlyctaenia stachydalis (Germar, 1822)		No. Records: 4 Status: pRDBK Recorded from Felindre, SN0939, EPR; Felindre, SN1039, JA (2 records) and Loveston, SN0808, LC
Ebulea crocealis (Hübner, 1796)		No. Records: 11
Opsibotys fuscalis ([Denis & Schiffermüller], 1775)		No. Records: 3
Udea lutealis (Hübner, 1809)		No. Records: 5
Udea prunalis ([Denis & Schiffermüller], 1775)		No. Records: 41
Udea olivalis ([Denis & Schiffermüller], 1775)		No. Records: 61
Udea ferrugalis (Hübner, 1796)	Rusty-dot Pearl	No. Records: 8
Nomophila noctuella ([Denis & Schiffermüller], 1775)	Rush Veneer	No. Records: 6
Pleuroptya ruralis (Scopoli, 1763)	Mother of Pearl	No. Records: 88
Hypsopygia costalis (Fabricius, 1775)	Gold Triangle	No. Records: 8
Aphomia sociella (Linnaeus, 1758)	Bee Moth	No. Records: 17

Trachycera advenella (Zincken, 1818)		No. Records: 6
Pyla fusca (Haworth, 1811)		No. Records: 1
Phycita roborella ([Denis & Schiffermüller], 1775)		No. Records: 3
Myelois circumvoluta (Fourcroy, 1785)	Thistle Ermine	No. Records: 6
Ephestia elutella (Hübner, 1796)	Cacao Moth	No. Records: 1
Ephestia kuehniella Zeller, 1879	Mediterranean Flour Moth	No. Records: 1 New County Record. Synanthropic species Recorded from Felindre SN1039, JA
Plodia interpunctella (Hübner, 1813)	Indian Meal Moth	No. Records: 2 New County Record and 2 nd County record Synanthropic species Recorded from Felindre SN1039, JA
Homoeosoma sinuella (Fabricius, 1794)		No. Records: 1
Apomyelois bistratella subcognata (Ragonot, 1887)		No. Records: 1 Status: Nb Recorded from Ty Rhos Tree Nursery, SN08937, RE/NPMG

Family: Pterophoridae	No. Taxa: 6	No. Records: 30
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Amblyptilia acanthadactyla (Hübner, 1830)		No. Records: 1
Amblyptilia punctidactyla (Haworth, 1811)		No. Records: 1
Platyptilia pallidactyla (Haworth, 1811)		No. Records: 2
Pterophorus pentadactyla (Linnaeus, 1758)	White Plume Moth	No. Records: 10
Adaina microdactyla (Hübner, 1813)		No. Records: 1
Emmelina monodactyla (Linnaeus, 1758)		No. Records: 15

Family: HesperIIDae	No. Taxa: 3	No. Records: 37
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Thymelicus sylvestris (Poda, 1761)	Small Skipper	No. Records: 14
Ochlodes faunus (Turati, 1905)	Large Skipper	No. Records: 18
Erynnis tages (Linnaeus, 1758)	Dingy Skipper	No. Records: 5

Family: Pieridae	No. Taxa: 6	No. Records: 228
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Colias croceus (Geoffroy, 1785)	Clouded Yellow	No. Records: 7
Gonepteryx rhamni (Linnaeus, 1758)	Brimstone	No. Records: 1
Pieris brassicae (Linnaeus, 1758)	Large White	No. Records: 94
Pieris rapae (Linnaeus, 1758)	Small White	No. Records: 42
Pieris napi (Linnaeus, 1758)	Green-veined White	No. Records: 29

Anthocharis cardamines (Linnaeus, 1758)	Orange-tip	No. Records: 45
Family: Lycaenidae	No. Taxa: 6	No. Records: 119
Thecla betulae (Linnaeus, 1758)	Brown Hairstreak	No. Records: 30 Status: Nb Egg records from 1km squares SN0206, SN0305, SN0922, SN0923, SN1743, SN2042, SN2044, SN2141, SN2142 and SN2538, SAC/LG
Lycaena phlaeas (Linnaeus, 1761)	Small Copper	No. Records: 27
Cupido minimus (Fuessly, 1775)	Small Blue	No. Records: 3
Plebejus argus (Linnaeus, 1758)	Silver-studded Blue	No. Records: 2 Status: Nb Recorded from Stennisford, SR9693, RE (2 records)
Polyommatus icarus (Rottemburg, 1775)	Common Blue	No. Records: 53
Celastrina argiolus (Linnaeus, 1758)	Holly Blue	No. Records: 4
Family: Nymphalidae	No. Taxa: 16	No. Records: 593
Vanessa atalanta (Linnaeus, 1758)	Red Admiral	No. Records: 83
Vanessa cardui (Linnaeus, 1758)	Painted Lady	No. Records: 23
Aglais urticae (Linnaeus, 1758)	Small Tortoiseshell	No. Records: 67
Inachis io (Linnaeus, 1758)	Peacock	No. Records: 67
Polygonia c-album (Linnaeus, 1758)	Comma	No. Records: 21
Boloria selene ([Denis & Schiffermüller], 1775)	Small Pearl-bordered Fritillary	No. Records: 5
Argynnis aglaja (Linnaeus, 1758)	Dark Green Fritillary	No. Records: 8
Argynnis paphia (Linnaeus, 1758)	Silver-washed Fritillary	No. Records: 9
Euphydryas aurinia (Rottemburg, 1775)	Marsh Fritillary	No. Records: 3 Status: Nb Singleton adult recorded from Hundleton, SM9300, DH. Also 100+ larvae recorded from Flimston Down, SR9194 in April (BH) and 291 webs from same site in September (BH/AH)
Pararge aegeria (Linnaeus, 1758)	Speckled Wood	No. Records: 75
Lasiommata megera (Linnaeus, 1767)	Wall	No. Records: 34
Hipparchia semele (Linnaeus, 1758)	Grayling	No. Records: 5
Pyronia tithonus (Linnaeus, 1771)	Gatekeeper	No. Records: 65
Maniola jurtina (Linnaeus, 1758)	Meadow Brown	No. Records: 82
Coenonympha pamphilus (Linnaeus, 1758)	Small Heath	No. Records: 8
Aphantopus hyperantus (Linnaeus, 1758)	Ringlet	No. Records: 38

Family: Lasiocampidae	No. Taxa: 5	No. Records: 145
Poecilocampa populi (Linnaeus, 1758)	December Moth	No. Records: 23
Malacosoma neustria (Linnaeus, 1758)	Lackey	No. Records: 38
Lasiocampa quercus (Linnaeus, 1758)	Oak Eggar	No. Records: 8
Macrothylacia rubi (Linnaeus, 1758)	Fox Moth	No. Records: 9
Euthrix potatoria (Linnaeus, 1758)	Drinker	No. Records: 67
Family: Saturniidae	No. Taxa: 1	No. Records: 12
Saturnia pavonia (Linnaeus, 1758)	Emperor Moth	No. Records: 12
Family: Drepanidae	No. Taxa: 7	No. Records: 181
Watsonalla binaria (Hufnagel, 1767)	Oak Hook-tip	No. Records: 7
Drepana falcataria (Linnaeus, 1758)	Pebble Hook-tip	No. Records: 20
Cilix glaucata (Scopoli, 1763)	Chinese Character	No. Records: 41
Thyatira batis (Linnaeus, 1758)	Peach Blossom	No. Records: 42
Habrosyne pyritoides (Hufnagel, 1766)	Buff Arches	No. Records: 55
Ochropacha duplaris (Linnaeus, 1761)	Common Lutestring	No. Records: 12
Polyploca ridens (Fabricius, 1787)	Frosted Green	No. Records: 4
Family: Geometridae	No. Taxa: 134	No. Records: 3509
Alsophila aescularia ([Denis & Schiffermüller], 1775)	March Moth	No. Records: 39
Pseudoterpna pruinata atropunctaria (Walker, 1863)	Grass Emerald	No. Records: 4
Geometra papilionaria (Linnaeus, 1758)	Large Emerald	No. Records: 11
Hemithea aestivaria (Hübner, 1799)	Common Emerald	No. Records: 37
Hemistola chrysoprasaria (Esper, 1794)	Small Emerald	No. Records: 16
Jodis lactearia (Linnaeus, 1758)	Little Emerald	No. Records: 2
Cyclophora linearia (Hübner, 1799)	Clay Triple-lines	No. Records: 2
Timandra comae (Schmidt, 1931)	Blood-vein	No. Records: 52
Scopula marginepunctata (Goeze, 1781)	Mullein Wave	No. Records: 15
Scopula imitaria (Hübner, 1799)	Small Blood-vein	No. Records: 3
Scopula immutata (Linnaeus, 1758)	Lesser Cream Wave	No. Records: 9
Scopula floslactata (Haworth, 1809)	Cream Wave	No. Records: 11
Scopula ternata (Schrank, 1802)	Smoky Wave	No. Records: 1

<i>Idaea biselata</i> (Hufnagel, 1767)	Small Fan-footed Wave	No. Records: 69
<i>Idaea dimidiata</i> (Hufnagel, 1767)	Single-dotted Wave	No. Records: 43
<i>Idaea subsericeata</i> (Haworth, 1809)	Satin Wave	No. Records: 10
<i>Idaea aversata</i> (Linnaeus, 1758)	Riband Wave	No. Records: 102 No distinction has been made between the banded and non-banded varieties of this species
<i>Idaea straminata</i> (Borkhausen, 1794)	Plain Wave	No. Records: 1
<i>Rhodometra sacraria</i> (Linnaeus, 1767)	Vestal	No. Records: 6
<i>Orthonama vittata</i> (Borkhausen, 1794)	Oblique Carpet	No. Records: 7
<i>Xanthorhoe biriviata</i> (Borkhausen, 1794)	Balsam Carpet	No. Records: 1
<i>Xanthorhoe designata</i> (Hufnagel, 1767)	Flame Carpet	No. Records: 34
<i>Xanthorhoe spadicearia</i> ([Denis & Schiffermüller], 1775)	Red Twin-spot Carpet	No. Records: 39
<i>Xanthorhoe ferrugata</i> (Clerck, 1759)	Dark-barred Twin-spot Carpet	No. Records: 15
<i>Xanthorhoe montanata</i> ([Denis & Schiffermüller], 1775)	Silver-ground Carpet	No. Records: 72
<i>Xanthorhoe fluctuata fluctuata</i> (Linnaeus, 1758)	Garden Carpet	No. Records: 50
<i>Scotopteryx chenopodiata</i> (Linnaeus, 1758)	Shaded Broad-bar	No. Records: 19
<i>Scotopteryx luridata plumbaria</i> (Fabricius, 1775)	July Belle	No. Records: 2
<i>Epirrhoe alternata</i> (Müller, 1764)	Common Carpet	No. Records: 80
<i>Camptogramma bilineata</i> (Linnaeus, 1758)	Yellow Shell	No. Records: 22
<i>Anticlea badiata</i> ([Denis & Schiffermüller], 1775)	Shoulder Stripe	No. Records: 24
<i>Anticlea derivata</i> ([Denis & Schiffermüller], 1775)	Streamer	No. Records: 20
<i>Mesoleuca albicillata</i> (Linnaeus, 1758)	Beautiful Carpet	No. Records: 5
<i>Lampropteryx suffumata</i> ([Denis & Schiffermüller], 1775)	Water Carpet	No. Records: 29
<i>Lampropteryx oregiata</i> (Metcalf, 1917)	Devon Carpet	No. Records: 4 Status: Nb Recorded from Tycanol NNR, SN0937, NPMG; Monnington, SN1343, NPMG; Penpedwast, SN1239, NPMG; Llangloffan Fen NNR, SM9031, RE/NPMG
<i>Cosmorhoe ocellata</i> (Linnaeus, 1758)	Purple Bar	No. Records: 6
<i>Eulithis prunata</i> (Linnaeus, 1758)	Phoenix	No. Records: 16
<i>Eulithis testata</i> (Linnaeus, 1761)	Chevron	No. Records: 3
<i>Eulithis populata</i> (Linnaeus, 1758)	Northern Spinach	No. Records: 3
<i>Eulithis mellinata</i> (Fabricius, 1787)	Spinach	No. Records: 1

<i>Eulithis pyraliata</i> ([Denis & Schiffermüller], 1775)	Barred Straw	No. Records: 50
<i>Ecliptopera silaceata</i> ([Denis & Schiffermüller], 1775)	Small Phoenix	No. Records: 58
<i>Chloroclysta siterata</i> (Hufnagel, 1767)	Red-green Carpet	No. Records: 27
<i>Chloroclysta citrata</i> (Linnaeus, 1761)	Dark Marbled Carpet	No. Records: 32
<i>Chloroclysta truncata</i> (Hufnagel, 1767)	Common Marbled Carpet	No. Records: 153
<i>Cidaria fulvata</i> (Forster, 1771)	Barred Yellow	No. Records: 9
<i>Plemyria rubiginata rubiginata</i> ([Denis & Schiffermüller], 1775)	Blue-bordered Carpet	No. Records: 1
<i>Thera firmata</i> (Hübner, 1822)	Pine Carpet	No. Records: 7
<i>Thera britannica</i> (Turner H J, 1925)	Spruce Carpet	No. Records: 12
<i>Electrophaes corylata</i> (Thunberg, 1792)	Broken-barred Carpet	No. Records: 14
<i>Colostygia multistrigaria</i> (Haworth, 1809)	Mottled Grey	No. Records: 23
<i>Colostygia pectinataria</i> (Knoch, 1781)	Green Carpet	No. Records: 73
<i>Hydriomena furcata</i> (Thunberg, 1784)	July Highflyer	No. Records: 74
<i>Hydriomena impluviata</i> ([Denis & Schiffermüller], 1775)	May Highflyer	No. Records: 13
<i>Melanthia procellata</i> ([Denis & Schiffermüller], 1775)	Pretty Chalk Carpet	No. Records: 1
<i>Rheumaptera undulata</i> (Linnaeus, 1758)	Scallop Shell	No. Records: 8
<i>Euphyia biangulata</i> (Haworth, 1809)	Cloaked Carpet	No. Records: 7
		Status: Nb Recorded from Ty Rhos Tree Nursery, SN0837, RE/NPMG; Fachongle Ganol, SN0836, RE/NPMG; Pengelli Forest NNR, SN1239, RE/NPMG; Felindre, SN1039, JA; Penybryn, SN1843, RG (2 records); Teifi Marshes SSSI, SN1845, MS
<i>Euphyia unangulata</i> (Haworth, 1809)	Sharp-angled Carpet	No. Records: 17
<i>Epirrita dilutata</i> agg. D. & S.	November Moth agg.	No. Records: 18
<i>Operophtera brumata</i> (Linnaeus, 1758)	Winter Moth	No. Records: 13
<i>Perizoma affinitata</i> (Stephens, 1831)	Rivulet	No. Records: 37
<i>Perizoma alchemillata</i> (Linnaeus, 1758)	Small Rivulet	No. Records: 24
<i>Perizoma bifaciata</i> (Haworth, 1809)	Barred Rivulet	No. Records: 2
<i>Perizoma flavofasciata</i> (Thunberg, 1792)	Sandy Carpet	No. Records: 35
<i>Perizoma didymata</i> (Linnaeus, 1758)	Twin-spot Carpet	No. Records: 13
<i>Eupithecia tenuiata</i> (Hübner, 1813)	Slender Pug	No. Records: 1

<i>Eupithecia pulchellata</i> Stephens, 1831	Foxglove Pug	No. Records: 21
<i>Eupithecia exiguata</i> (Hübner, 1809-13)	Mottled Pug	No. Records: 9
<i>Eupithecia venosata</i> (Fabricius, 1787)	Netted Pug	No. Records: 2
<i>Eupithecia centaureata</i> ([Denis & Schiffermüller], 1775)	Lime-speck Pug	No. Records: 5
<i>Eupithecia absinthiata</i> (Clerck, 1759)	Wormwood Pug	No. Records: 10
<i>Eupithecia assimilata</i> Doubleday, 1856	Currant Pug	No. Records: 4
<i>Eupithecia vulgata</i> (Haworth, 1809)	Common Pug	No. Records: 28
<i>Eupithecia tripunctaria</i> Herrich-Schäffer, 1852	White-spotted Pug	No. Records: 1
<i>Eupithecia subfuscata</i> (Haworth, 1809)	Grey Pug	No. Records: 10
<i>Eupithecia succenturiata</i> (Linnaeus, 1758)	Bordered Pug	No. Records: 1
<i>Eupithecia nanata</i> Prout, 1938	Narrow-winged Pug	No. Records: 1
<i>Eupithecia virgaureata</i> Doubleday, 1861	Golden-rod Pug	No. Records: 1
<i>Eupithecia abbreviata</i> Stephens, 1831	Brindled Pug	No. Records: 37
<i>Eupithecia dodoneata</i> Guenée, 1857	Oak-tree Pug	No. Records: 1
<i>Chloroclystis v-ata</i> (Haworth, 1809)	V-Pug	No. Records: 41
<i>Pasiphila rectangulata</i> (Linnaeus, 1758)	Green Pug	No. Records: 22
<i>Gymnoscelis rufifasciata</i> (Haworth, 1809)	Double-striped Pug	No. Records: 56
<i>Aplocera plagiata</i> (Linnaeus, 1758)	Treble Bar	No. Records: 2
<i>Euchoeca nebulata</i> (Scopoli, 1763)	Dingy Shell	No. Records: 5
<i>Hydrelia flammeolaria</i> (Hufnagel, 1767)	Small Yellow Wave	No. Records: 2
<i>Hydrelia sylvata</i> ([Denis & Schiffermüller], 1775)	Waved Carpet	No. Records: 6
		Status: Nb; UKBAP
		Recorded from Nevern, SN0838, NPMG; Felindre, SN0939, EPR (4 records); Fachongle Ganol, SN0836, RE/NPMG
		2 nd County Record, Pencastell, SN1146, PB
<i>Lobophora halterata</i> (Hufnagel, 1767)	Seraphim	No. Records: 1
<i>Trichopteryx carpinata</i> (Borkhausen, 1794)	Early Tooth-striped	No. Records: 11
<i>Pterapherapteryx sexalata</i> (Retzius, 1783)	Small Seraphim	No. Records: 10
<i>Acasis viretata</i> (Hübner, 1799)	Yellow-barred Brindle	No. Records: 13
<i>Abraxas grossulariata</i> (Linnaeus, 1758)	Magpie Moth	No. Records: 55
<i>Lomaspilis marginata</i> (Linnaeus, 1758)	Clouded Border	No. Records: 71
<i>Macaria notata</i> (Linnaeus, 1758)	Peacock Moth	No. Records: 7
<i>Macaria alternata</i> ([Denis & Schiffermüller], 1775)	Sharp-angled Peacock	No. Records: 57
<i>Macaria liturata</i> (Clerck, 1759)	Tawny-barred Angle	No. Records: 4

<i>Chiasmia clathrata</i> (Linnaeus, 1758)	Latticed Heath	No. Records: 4
<i>Petrophora chlorosata</i> (Scopoli, 1763)	Brown Silver-line	No. Records: 65
<i>Plagodis pulveraria</i> (Linnaeus, 1758)	Barred Umber	No. Records: 2
<i>Plagodis dolabraria</i> (Linnaeus, 1767)	Scorched Wing	No. Records: 21
<i>Opisthograptis luteolata</i> (Linnaeus, 1758)	Brimstone Moth	No. Records: 257
<i>Epione repandaria</i> (Hufnagel, 1767)	Bordered Beauty	No. Records: 7
<i>Pseudopanthera macularia</i> (Linnaeus, 1758)	Speckled Yellow	No. Records: 6
<i>Ennomos quercinaria</i> (Hufnagel, 1767)	August Thorn	No. Records: 12
<i>Ennomos alniaria</i> (Linnaeus, 1758)	Canary-shouldered Thorn	No. Records: 30
<i>Ennomos fuscantaria</i> (Haworth, 1809)	Dusky Thorn	No. Records: 27
<i>Ennomos erosaria</i> ([Denis & Schiffermüller], 1775)	September Thorn	No. Records: 1
<i>Selenia dentaria</i> (Fabricius, 1775)	Early Thorn	No. Records: 94
<i>Selenia tetralunaria</i> (Hufnagel, 1767)	Purple Thorn	No. Records: 14
<i>Odontopera bidentata</i> (Clerck, 1759)	Scalloped Hazel	No. Records: 37
<i>Crocallis elinguarua</i> (Linnaeus, 1758)	Scalloped Oak	No. Records: 42
<i>Ourapteryx sambucaria</i> (Linnaeus, 1758)	Swallow-tailed Moth	No. Records: 44
<i>Colotois pennaria</i> (Linnaeus, 1761)	Feathered Thorn	No. Records: 8
<i>Phigalia pilosaria</i> ([Denis & Schiffermüller], 1775)	Pale Brindled Beauty	No. Records: 3
<i>Lycia hirtaria</i> (Clerck, 1759)	Brindled Beauty	No. Records: 48
<i>Biston strataria</i> (Hufnagel, 1767)	Oak Beauty	No. Records: 25
<i>Biston betularia</i> (Linnaeus, 1758)	Peppered Moth	No. Records: 118
<i>Agriopis leucophaearia</i> ([Denis & Schiffermüller], 1775)	Spring Usher	No. Records: 1
<i>Agriopis aurantiaria</i> (Hübner, 1799)	Scarce Umber	No. Records: 2
<i>Agriopis marginaria</i> (Fabricius, 1777)	Dotted Border	No. Records: 56
<i>Erannis defoliaria</i> (Clerck, 1759)	Mottled Umber	No. Records: 8
<i>Menophra abruptaria</i> (Thunberg, 1792)	Waved Umber	No. Records: 2
<i>Peribatodes rhomboidaria</i> ([Denis & Schiffermüller], 1775)	Willow Beauty	No. Records: 66
<i>Alcis repandata</i> (Linnaeus, 1758)	Mottled Beauty	No. Records: 59
<i>Alcis jubata</i> (Thunberg, 1788)	Dotted Carpet	No. Records: 2
<i>Cleorodes lichenaria</i> (Hufnagel, 1767)	Brussels Lace	No. Records: 55
<i>Ectropis bistortata</i> (Goeze, 1781)	Engrailed	No. Records: 49

Cabera pusaria (Linnaeus, 1758)	Common White Wave	No. Records: 45
Cabera exanthemata (Scopoli, 1763)	Common Wave	No. Records: 31
Lomographa bimaculata (Fabricius, 1775)	White-pinion Spotted	No. Records: 13
Lomographa temerata ([Denis & Schiffermüller], 1775)	Clouded Silver	No. Records: 73
Theria primaria (Haworth, 1809)	Early Moth	No. Records: 14
Campaea margaritata (Linnaeus, 1767)	Light Emerald	No. Records: 65
Semiaspilates ochrearia (Rossi, 1794)	Yellow Belle	No. Records: 2

Family: Sphingidae	No. Taxa: 7	No. Records: 347
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Agrius convolvuli (Linnaeus, 1758)	Convolvulus Hawk-moth	No. Records: 1
Sphinx ligustri (Linnaeus, 1758)	Privet Hawk-moth	No. Records: 40
Smerinthus ocellata (Linnaeus, 1758)	Eyed Hawk-moth	No. Records: 7
Laothoe populi (Linnaeus, 1758)	Poplar Hawk-moth	No. Records: 151
Macroglossum stellatarum (Linnaeus, 1758)	Humming-bird Hawk-moth	No. Records: 30
Deilephila elpenor (Linnaeus, 1758)	Elephant Hawk-moth	No. Records: 111
Deilephila porcellus (Linnaeus, 1758)	Small Elephant Hawk-moth	No. Records: 7

Family: Notodontidae	No. Taxa: 15	No. Records: 401
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Phalera bucephala (Linnaeus, 1758)	Buff-tip	No. Records: 97
Cerura vinula (Linnaeus, 1758)	Puss Moth	No. Records: 2
Furcula bicuspis (Borkhausen, 1790)	Alder Kitten	No. Records: 2
Furcula furcula (Clerck, 1759)	Sallow Kitten	No. Records: 7
Furcula bifida (Brahm, 1787)	Poplar Kitten	No. Records: 1
Stauropus fagi (Linnaeus, 1758)	Lobster Moth	No. Records: 23
Notodonta dromedarius (Linnaeus, 1767)	Iron Prominent	No. Records: 36
Notodonta ziczac (Linnaeus, 1758)	Pebble Prominent	No. Records: 77
Peridea anceps (Goeze, 1781)	Great Prominent	No. Records: 5
Pheosia gnoma (Fabricius, 1777)	Lesser Swallow Prominent	No. Records: 8
Pheosia tremula (Clerck, 1759)	Swallow Prominent	No. Records: 40
Ptilodon capucina (Linnaeus, 1758)	Coxcomb Prominent	No. Records: 34
Pterostoma palpina (Clerck, 1759)	Pale Prominent	No. Records: 58
Drymonia dodonaea ([Denis & Schiffermüller], 1775)	Marbled Brown	No. Records: 3

Drymonia ruficornis (Hufnagel, 1766)	Lunar Marbled Brown	No. Records: 8
Family: Lymantriidae	No. Taxa: 3	No. Records: 74
Calliteara pudibunda (Linnaeus, 1758)	Pale Tussock	No. Records: 40
Euproctis similis (Fuessly, 1775)	Yellow-tail	No. Records: 1
Lymantria monacha (Linnaeus, 1758)	Black Arches	No. Records: 33
Family: Arctiidae	No. Taxa: 17	No. Records: 676
Thumatha senex (Hübner, 1808)	Round-winged Muslin	No. Records: 7
Miltochrista miniata (Forster, 1771)	Rosy Footman	No. Records: 43
Nudaria mundana (Linnaeus, 1761)	Muslin Footman	No. Records: 9
Cybosia mesomella (Linnaeus, 1758)	Four-dotted Footman	No. Records: 7
Eilema griseola (Hübner, 1803)	Dingy Footman	No. Records: 83
Eilema caniola (Hübner, 1808)	Hoary Footman	No. Records: 7
		Status: Nb Recorded from Pencastell, SN1146, PB (3 records); Penybryn, SN1843, RG (2 records); Musselwick, SM8106, SB (2 records)
Eilema complana (Linnaeus, 1758)	Scarce Footman	No. Records: 6
Eilema depressa (Esper, 1787)	Buff Footman	No. Records: 16
Eilema lurideola (Zincken, 1817)	Common Footman	No. Records: 80
Lithosia quadra (Linnaeus, 1758)	Four-spotted Footman	No. Records: 2
Arctia caja (Linnaeus, 1758)	Garden Tiger	No. Records: 36
Spilosoma lubricipeda (Linnaeus, 1758)	White Ermine	No. Records: 130
Spilosoma luteum (Hufnagel, 1766)	Buff Ermine	No. Records: 117
Diaphora mendica (Clerck, 1759)	Muslin Moth	No. Records: 73
Phragmatobia fuliginosa (Linnaeus, 1758)	Ruby Tiger	No. Records: 30
Callimorpha dominula (Linnaeus, 1758)	Scarlet Tiger	No. Records: 3
Tyria jacobaeae (Linnaeus, 1758)	Cinnabar	No. Records: 27
Family: Nolidae	No. Taxa: 1	No. Records: 14
Nola confusalis (Herrich-Schäffer, 1847)	Least Black Arches	No. Records: 14
Family: Noctuidae	No. Taxa: 166	No. Records: 5287
Agrotis segetum ([Denis & Schiffermüller], 1775)	Turnip Moth	No. Records: 8
Agrotis clavis (Hufnagel, 1766)	Heart and Club	No. Records: 1
Agrotis exclamationis (Linnaeus, 1758)	Heart and Dart	No. Records: 207

<i>Agrotis trux lunigera</i> Stephens, 1829	Crescent Dart	No. Records: 8
<i>Agrotis ipsilon</i> (Hufnagel, 1766)	Dark Sword-grass	No. Records: 12
<i>Axylia putris</i> (Linnaeus, 1761)	Flame	No. Records: 105
<i>Ochropleura plecta</i> (Linnaeus, 1761)	Flame Shoulder	No. Records: 261
<i>Noctua pronuba</i> Linnaeus, 1758	Large Yellow Underwing	No. Records: 222
<i>Noctua comes</i> Hübner, 1813	Lesser Yellow Underwing	No. Records: 52
<i>Noctua fimbriata</i> (Schreber, 1759)	Broad-bordered Yellow Underwing	No. Records: 4
<i>Noctua janthe</i> Borkhausen, 1792	Lesser Broad-bordered Yellow Underwing	No. Records: 86
<i>Noctua interjecta caliginosa</i> Schawerda, 1919	Least Yellow Underwing	No. Records: 2
<i>Eugnorisma glareosa</i> (Esper, 1788)	Autumnal Rustic	No. Records: 26
<i>Lycophotia porphyrea</i> ([Denis & Schiffermüller], 1775)	True Lover's Knot	No. Records: 14
<i>Diarsia mendica</i> (Fabricius, 1775)	Ingrailed Clay	No. Records: 49
<i>Diarsia brunnea</i> ([Denis & Schiffermüller], 1775)	Purple Clay	No. Records: 30
<i>Diarsia rubi</i> (Vieweg, 1790)	Small Square-spot	No. Records: 120
<i>Xestia c-nigrum</i> (Linnaeus, 1758)	Setaceous Hebrew Character	No. Records: 199
<i>Xestia ditrapezium</i> ([Denis & Schiffermüller], 1775)	Triple-spotted Clay	No. Records: 20
<i>Xestia triangulum</i> (Hufnagel, 1766)	Double Square-spot	No. Records: 78
<i>Xestia baja</i> ([Denis & Schiffermüller], 1775)	Dotted Clay	No. Records: 12
<i>Xestia sexstrigata</i> (Haworth, 1809)	Six-striped Rustic	No. Records: 7
<i>Xestia xanthographa</i> ([Denis & Schiffermüller], 1775)	Square-spot Rustic	No. Records: 82
<i>Naenia typica</i> (Linnaeus, 1758)	Gothic	No. Records: 2
<i>Anaplectoides prasina</i> ([Denis & Schiffermüller], 1775)	Green Arches	No. Records: 28
<i>Cerastis rubricosa</i> ([Denis & Schiffermüller], 1775)	Red Chestnut	No. Records: 46
<i>Hada plebeja</i> (Hufnagel, 1766)	Shears	No. Records: 1
<i>Polia nebulosa</i> (Hufnagel, 1766)	Grey Arches	No. Records: 13
<i>Mamestra brassicae</i> (Linnaeus, 1758)	Cabbage Moth	No. Records: 4
<i>Melanchra persicariae</i> (Linnaeus, 1761)	Dot Moth	No. Records: 39
<i>Lacanobia w-latinum</i> (Hufnagel, 1766)	Light Brocade	No. Records: 1
<i>Lacanobia thalassina</i> (Hufnagel, 1766)	Pale-shouldered Brocade	No. Records: 22
<i>Lacanobia suasa</i> ([Denis & Schiffermüller], 1775)	Dog's Tooth	No. Records: 1

Lacanobia oleracea (Linnaeus, 1758)	Bright-line Brown-eye	No. Records: 102
Melanchra pisi (Linnaeus, 1758)	Broom Moth	No. Records: 23
Hecatera bicolorata (Hufnagel, 1766)	Broad-barred White	No. Records: 7
Hadena rivularis (Fabricius, 1775)	Campion	No. Records: 12
Hadena perplexa ([Denis & Schiffermüller], 1775)	Tawny Shears	No. Records: 2
Hadena perplexa capsophila (Duponchel, 1842)	Pod Lover	No. Records: 6
Hadena luteago barrettii (Doubleday, 1864)	Barrett's Marbled Coronet	No. Records: 2 Status: Nb Recorded from Lamphey, SN0100, RE (2 records)
Hadena confusa (Hufnagel, 1766)	Marbled Coronet	No. Records: 20
Hadena bicruris (Hufnagel, 1766)	Lychnis	No. Records: 67
Cerapteryx graminis (Linnaeus, 1758)	Antler Moth	No. Records: 13
Tholera decimalis (Poda, 1761)	Feathered Gothic	No. Records: 1
Panolis flammea ([Denis & Schiffermüller], 1775)	Pine Beauty	No. Records: 2
Orthosia cruda ([Denis & Schiffermüller], 1775)	Small Quaker	No. Records: 63
Orthosia miniosa ([Denis & Schiffermüller], 1775)	Blossom Underwing	No. Records: 1
Orthosia gracilis ([Denis & Schiffermüller], 1775)	Powdered Quaker	No. Records: 12
Orthosia cerasi (Fabricius, 1775)	Common Quaker	No. Records: 123
Orthosia incerta (Hufnagel, 1766)	Clouded Drab	No. Records: 114
Orthosia munda ([Denis & Schiffermüller], 1775)	Twin-spotted Quaker	No. Records: 52
Orthosia gothica (Linnaeus, 1758)	Hebrew Character	No. Records: 207
Mythimna conigera ([Denis & Schiffermüller], 1775)	Brown-line Bright Eye	No. Records: 2
Mythimna ferrago (Fabricius, 1787)	Clay	No. Records: 42
Mythimna albipuncta ([Denis & Schiffermüller], 1775)	White-point	No. Records: 1
Mythimna vitellina (Hübner, 1808)	Delicate	No. Records: 6
Mythimna pudorina ([Denis & Schiffermüller], 1775)	Striped Wainscot	No. Records: 1
Mythimna impura (Hübner, 1808)	Smoky Wainscot	No. Records: 23
Mythimna pallens (Linnaeus, 1758)	Common Wainscot	No. Records: 68
Mythimna comma (Linnaeus, 1761)	Shoulder-striped Wainscot	No. Records: 20
Cucullia chamomillae ([Denis & Schiffermüller], 1775)	Chamomile Shark	No. Records: 1

<i>Cucullia umbratica</i> (Linnaeus, 1758)	Shark	No. Records: 7
<i>Shargacucullia verbasci</i> (Linnaeus, 1758)	Mullein	No. Records: 2
<i>Brachylomia viminalis</i> (Fabricius, 1777)	Minor Shoulder-knot	No. Records: 2
<i>Aporophyla australis pascuea</i> (Humphreys & Westwood, 1843)	Feathered Brindle	No. Records: 1 Status: Nb Recorded from Hundleton, SM9300, RE
<i>Aporophyla nigra</i> (Haworth, 1809)	Black Rustic	No. Records: 34
<i>Lithophane hepatica</i> (Clerck, 1759)	Pale Pinion	No. Records: 4
<i>Lithophane ornitopus lactipennis</i> (Dadd, 1911)	Grey Shoulder-knot	No. Records: 3
<i>Lithophane leautieri hesperica</i> Boursin, 1957	Blair's Shoulder-knot	No. Records: 8
<i>Xylena vetusta</i> (Hübner, 1813)	Red Sword-grass	No. Records: 1
<i>Xylocampa areola</i> (Esper, 1789)	Early Grey	No. Records: 79
<i>Allophyes oxyacanthae</i> (Linnaeus, 1758)	Green-brindled Crescent	No. Records: 21
<i>Dichonia aprilina</i> (Linnaeus, 1758)	Merveille du Jour	No. Records: 12
<i>Dryobotodes eremita</i> (Fabricius, 1775)	Brindled Green	No. Records: 10
<i>Polymixis flavicincta</i> ([Denis & Schiffermüller], 1775)	Large Ranunculus	No. Records: 4
<i>Polymixis xanthomista statices</i> (Gregson, 1869)	Black-banded	No. Records: 4 Status: Na; UKBAP Recorded from Y Bwthyn, SM8839, NPMG; Lamphey, SN0100, RE (2 records); Pencastell, SN1146, PB
<i>Polymixis lichenea</i> (Hübner, 1813)	Feathered Ranunculus	No. Records: 16
<i>Eupsilia transversa</i> (Hufnagel, 1766)	Satellite	No. Records: 2
<i>Conistra vaccinii</i> (Linnaeus, 1761)	Chestnut	No. Records: 48
<i>Conistra ligula</i> (Esper, 1791)	Dark Chestnut	No. Records: 16
<i>Agrochola circellaris</i> (Hufnagel, 1766)	Brick	No. Records: 1
<i>Agrochola lota</i> (Clerck, 1759)	Red-line Quaker	No. Records: 15
<i>Agrochola macilenta</i> (Hübner, 1809)	Yellow-line Quaker	No. Records: 8
<i>Agrochola helvola</i> (Linnaeus, 1758)	Flounced Chestnut	No. Records: 5
<i>Agrochola litura</i> (Linnaeus, 1761)	Brown-spot Pinion	No. Records: 15
<i>Agrochola lychnidis</i> ([Denis & Schiffermüller], 1775)	Beaded Chestnut	No. Records: 38
<i>Atethmia centrago</i> (Haworth, 1809)	Centre-barred Sallow	No. Records: 22
<i>Omphaloscelis lunosa</i> (Haworth, 1809)	Lunar Underwing	No. Records: 52
<i>Xanthia aurago</i> ([Denis & Schiffermüller], 1775)	Barred Sallow	No. Records: 2 4 th and 5 th County Records, Penybryn, SN1843, RG

<i>Xanthia togata</i> (Esper, 1788)	Pink-barred Sallow	No. Records: 20
<i>Xanthia icteritia</i> (Hufnagel, 1766)	Sallow	No. Records: 6
<i>Xanthia ocellaris</i> (Borkhausen, 1792)	Pale-lemon Sallow	No. Records: 1 Status: Na New County Record. Recorded from Haroldston, SM9414, RJ
<i>Acronicta megacephala</i> ([Denis & Schiffermüller], 1775)	Poplar Grey	No. Records: 21
<i>Acronicta leporina</i> (Linnaeus, 1758)	Miller	No. Records: 10
<i>Acronicta alni</i> (Linnaeus, 1767)	Alder Moth	No. Records: 8
<i>Acronicta tridens/psi</i>	Dark / Grey Dagger	No. Records: 37
<i>Acronicta rumicis</i> (Linnaeus, 1758)	Knot Grass	No. Records: 33
<i>Craniophora ligustri</i> ([Denis & Schiffermüller], 1775)	Coronet	No. Records: 45
<i>Cryphia domestica</i> (Hufnagel, 1766)	Marbled Beauty	No. Records: 15
<i>Cryphia muralis</i> (Forster, 1771)	Marbled Green	No. Records: 6
<i>Amphipyra pyramidea</i> (Linnaeus, 1758)	Copper Underwing	No. Records: 8
<i>Mormo maura</i> (Linnaeus, 1758)	Old Lady	No. Records: 4
<i>Rusina ferruginea</i> (Esper, 1785)	Brown Rustic	No. Records: 25
<i>Euplexia lucipara</i> (Linnaeus, 1758)	Small Angle Shades	No. Records: 71
<i>Phlogophora meticulosa</i> (Linnaeus, 1758)	Angle Shades	No. Records: 64
<i>Ipimorpha retusa</i> (Linnaeus, 1761)	Double Kidney	No. Records: 5
<i>Ipimorpha subtusa</i> ([Denis & Schiffermüller], 1775)	Olive	No. Records: 2
<i>Cosmia trapezina</i> (Linnaeus, 1758)	Dun-bar	No. Records: 10
<i>Apamea monoglypha</i> (Hufnagel, 1766)	Dark Arches	No. Records: 157
<i>Apamea lithoxylaea</i> ([Denis & Schiffermüller], 1775)	Light Arches	No. Records: 10
<i>Apamea crenata</i> (Hufnagel, 1766)	Clouded-bordered Brindle	No. Records: 40
<i>Apamea epomidion</i> (Haworth, 1809)	Clouded Brindle	No. Records: 2
<i>Apamea remissa</i> (Hübner, 1809)	Dusky Brocade	No. Records: 8
<i>Apamea unanimis</i> (Hübner, 1813)	Small Clouded Brindle	No. Records: 1
<i>Apamea scolopacina</i> (Esper, 1788)	Slender Brindle	No. Records: 9
<i>Apamea ophiogramma</i> (Esper, 1793)	Double Lobed	No. Records: 2
<i>Oligia strigilis</i> (Linnaeus, 1758)	Marbled Minor agg.	No. Records: 107

<i>Oligia versicolor</i> (Borkhausen, 1792)	Rufous Minor	No. Records: 1
<i>Oligia latruncula</i> ([Denis & Schiffermüller], 1775)	Tawny Marbled Minor	No. Records: 3
<i>Oligia fasciuncula</i> (Haworth, 1809)	Middle-barred Minor	No. Records: 21
<i>Mesoligia furuncula</i> ([Denis & Schiffermüller], 1775)	Cloaked Minor	No. Records: 7
<i>Mesoligia literosa</i> (Haworth, 1809)	Rosy Minor	No. Records: 10
<i>Mesapamea secalis</i> agg.	Common Rustic agg.	No. Records: 147
<i>Photedes minima</i> (Haworth, 1809)	Small Dotted Buff	No. Records: 14
<i>Chortodes pygmina</i> (Haworth, 1809)	Small Wainscot	No. Records: 47
<i>Luperina testacea</i> ([Denis & Schiffermüller], 1775)	Floenced Rustic	No. Records: 78
<i>Amphipoea oculea</i> agg. Unknown	Ear Moth agg.	No. Records: 1
<i>Hydraecia micacea</i> (Esper, 1789)	Rosy Rustic	No. Records: 85
<i>Gortyna flavago</i> ([Denis & Schiffermüller], 1775)	Frosted Orange	No. Records: 33
<i>Nonagria typhae</i> (Thunberg, 1784)	Bulrush Wainscot	No. Records: 2
<i>Archanara geminipuncta</i> (Haworth, 1809)	Twin-spotted Wainscot	No. Records: 1
<i>Rhizedra lutosa</i> (Hübner, 1803)	Large Wainscot	No. Records: 2
<i>Coenobia rufa</i> (Haworth, 1809)	Small Rufous	No. Records: 5
<i>Charanyca trigrammica</i> (Hufnagel, 1766)	Treble Lines	No. Records: 40
<i>Hoplodrina alsines</i> (Brahm, 1791)	Uncertain	No. Records: 99
<i>Hoplodrina blanda</i> ([Denis & Schiffermüller], 1775)	Rustic	No. Records: 10
<i>Caradrina morpheus</i> (Hufnagel, 1766)	Mottled Rustic	No. Records: 5
<i>Paradrina clavipalpis</i> (Scopoli, 1763)	Pale Mottled Willow	No. Records: 19
<i>Chilodes maritimus</i> (Tauscher, 1806)	Silky Wainscot	No. Records: 2 4 th County Record, Teifi Marshes SSSI, SN1845, MS; 5 th County Record, Llangloffan Fen NNR, S9031, RE/NPMG
<i>Stilbia anomala</i> (Haworth, 1812)	Anomalous	No. Records: 5
<i>Panemeria tenebrata</i> (Scopoli, 1763)	Small Yellow Underwing	No. Records: 3
<i>Heliothis peltigera</i> ([Denis & Schiffermüller], 1775)	Bordered Straw	No. Records: 1
<i>Protodeltote pygarga</i> (Hufnagel, 1766)	Marbled White Spot	No. Records: 1 5 th County Record, Minwear woods, SN0513, RE/NPMG
<i>Deltote uncula</i> (Clerck, 1759)	Silver Hook	No. Records: 1
<i>Bena bicolorana</i> (Linnaeus, 1758)	Scarce Silver-lines	No. Records: 2
<i>Pseudoips prasinana britannica</i> (Warren, 1913)	Green Silver-lines	No. Records: 13
<i>Nycteola revayana</i> (Scopoli, 1772)	Oak Nycteoline	No. Records: 2
<i>Colocasia coryli</i> (Linnaeus, 1758)	Nut-tree Tussock	No. Records: 5

Diachrysia chrysitis (Linnaeus, 1758)	Burnished Brass	No. Records: 49
Diachrysia chryson (Esper, 1789)	Scarce Burnished Brass	No. Records: 1 Status: Na Recorded from Teifi Marshes SSSI, SN1845, MS
Plusia festucae (Linnaeus, 1758)	Gold Spot	No. Records: 19
Autographa gamma (Linnaeus, 1758)	Silver Y	No. Records: 127
Autographa pulchrina (Haworth, 1809)	Beautiful Golden Y	No. Records: 52
Autographa jota (Linnaeus, 1758)	Plain Golden Y	No. Records: 55
Autographa bractea ([Denis & Schiffermüller], 1775)	Gold Spangle	No. Records: 8
Abrostola triplasia (Linnaeus, 1758)	Dark Spectacle	No. Records: 7
Abrostola tripartita (Hufnagel, 1766)	Spectacle	No. Records: 82
Callistege mi (Clerck, 1759)	Mother Shipton	No. Records: 2
Scoliopteryx libatrix (Linnaeus, 1758)	Herald	No. Records: 21
Rivula sericealis (Scopoli, 1763)	Straw Dot	No. Records: 77
Hypena crassalis (Fabricius, 1787)	Beautiful Snout	No. Records: 2
Hypena proboscidalis (Linnaeus, 1758)	Snout	No. Records: 102
Schrankia costaestrigalis (Stephens, 1834)	Pinion-streaked Snout	No. Records: 26
Hypenodes humidalis Doubleday, 1850	Marsh Oblique-barred	No. Records: 3 Status: Nb 2 nd and 3 rd County Records from Felindre, SN0939, EPR (2 records); 4 th County Record from Felindre, SN1039, JA
Zanclognatha tarsipennalis (Treitschke, 1835)	Fan-foot	No. Records: 29
Herminia grisealis ([Denis & Schiffermüller], 1775)	Small Fan-foot	No. Records: 46