

Pembrokeshire Lepidoptera

Annual Report 2001

R. Elliott

Introduction

This report covers the records added to the Pembrokeshire County Lepidoptera Database for 2001 and includes information from records received and included in that database up to the end of January 2002. During that year over 5,000 records of 547 separate taxa were received of which 18 taxa were new to the County Checklist.

Butterflies

The foot and mouth outbreak during the early part of the year prevented access to many butterfly sites and this is obviously a contributory factor to the low number of butterfly records received. Another possible factor is the publication of the Millennium Atlas (Asher *et al.*, 2001) that seems to have induced a sentiment of "its all been done". Whilst butterfly record numbers are on a par with those of years between 1980 and 1994 they are very much lower than those produced during the fieldwork period for the Atlas.

30 species of butterfly were recorded. These included two Nb species, *Thecla betulae* (Brown Hairstreak) and *Plebejus argus* (Silver-studded Blue); three migrant species, *Colias croceus* (Clouded Yellow), *Vanessa atalanta* (Red Admiral) and *V. cardui* (Painted Lady); and one vagrant species, *Danaus plexippus* (Monarch/Milkweed). The following table shows the most recorded species.

Table 1. Most recorded species of butterfly in 2001

Taxon Name	Vernacular Name	Records
<i>Pararge aegeria tircis</i>	Speckled Wood	58
<i>Pieris brassicae</i>	Large White	57
<i>Aglais urticae</i>	Small Tortoiseshell	48
<i>Inachis io</i>	Peacock	46
<i>Vanessa atalanta</i>	Red Admiral	46
<i>Pieris rapae</i>	Small White	39
<i>Pyronia tithonus</i>	Gatekeeper/Hedge Brown	37
<i>Maniola jurtina</i>	Meadow Brown	31
<i>Anthocharis cardamines</i>	Orange-tip	22
<i>Polyommatus icarus</i>	Common Blue	21
<i>Ochlodes venata</i>	Large Skipper	21

Melanargia galathea (Marbled White) was again recorded in the county during 2001 with a specimen taken at Houghton (SM9808) in August (D.T. Reynolds). It has long been known from Glamorgan and there are records for it in Carmarthen (Asher *et al.*, 2001) but, until the last two years, records have been few and far between. Three records in 2000 and one in 2001 suggest that this species is indeed extending its range westwards into the county.

Table 2. Records for *Melanargia galathea* (Marbled White)

Site	Grid Ref.	Quantity	Date	Recorder
Maddox Moor 1km sq	SM9611	present	1899	M. Thomson
Coedmore Estate	SN2043	present	1978	M. Gandy
Penally 1km sq	SS1199	present	1982	Stephen Evans
SS1098 1km sq	SS1098	1	19 Jul 1982	Stephen Evans
SM9514 1km sq	SM9514	present	Jul 1985	John Comont
West Williamston NR	SN028058	1	29 Jun 2000	Nikki Anderson
West Williamston NR	SN028058	1	06 Jul 2000	Nikki Anderson
West Williamston NR	SN028058	1	13 Jul 2000	Nikki Anderson
Newton Mountain 1km sq	SM9808	1	09 Aug 2001	D.T. Reynolds

The above table and the distribution map in Figure 1 shows that, with one exception, all the sightings are in the southern part of the county and lie on a line from Haverfordwest south-east towards Tenby.

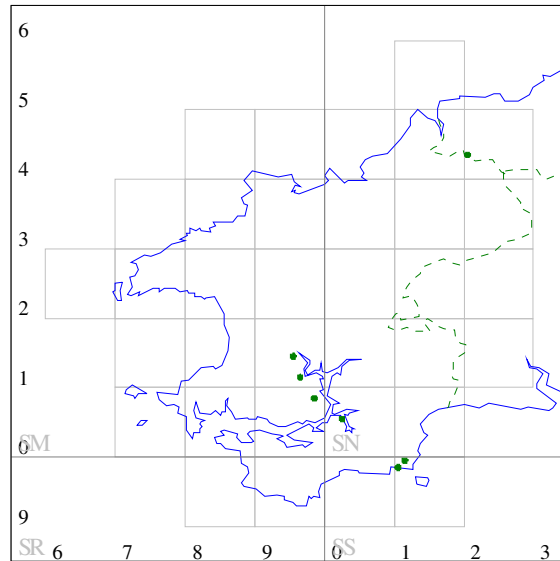


Figure 1. Distribution map for *Melanargia galathea* (Marbled White)

One of the surprising results from 2001 is the list of species for which no records were received. These include *Pyrgus malvae* (Grizzled Skipper), *Cupido minimus* (Small Blue), *Aricia agestis* (Brown Argus), *Boloria selene* (Small Pearl-bordered Fritillary), *B. euphrosyne* (Pearl-bordered Fritillary) – last recorded in 1997, *Argynnis paphia* (Silver-washed Fritillary), *Eurodryas aurinia* (Marsh Fritillary) and *Hipparchia semele* (Grayling). If there are records for this species that have not yet been sent in to me I would be grateful to receive them as soon as possible.

Macrolepidoptera

A total of 3,751 records for 355 taxa were received during the year. Although the total number of records for 2001 is much lower than that for year 2000 (6,621) it is actually the second highest annual total ever recorded. Included are five Na species, 11 Nb species and two BAP species.

Na species recorded during the year were *Mythimna putrescens* (Devonshire Wainscot), *Hadena luteago barrettii* (Barrett's Marbled Coronet), *Setina irrorella* (Dew Moth), *Perizoma taeniata* (Barred Carpet) and *Eupithecia denotata jasionata* (Jasione Pug).

The Nb species were *Agrotis trux lunigera* (Crescent Dart), *Synansphecchia muscaeformis* (Thrift Clearwing), *Discoloxia blomeri* (Blomer's Rivulet), *Eilema caniola* (Hoary Footman), *Lampropteryx otregiata* (Devon Carpet), *Alcis jubata* (Dotted Carpet), *Chilodes maritima* (Silky Wainscot), *Cerastis leucographa* (White-marked), *Aporophyla australis pascua* (Feathered Brindle), *Archanara sparganii* (Webb's Wainscot) and *Earias clorana* (Cream-bordered Green Pea).

BAP species recorded were *Polymixis xanthomista stacies* (Black-banded) and *Hydrelia sylvata* (Waved Carpet).

There were also six migrant species recorded during the year, *Autographa gamma* (Silver Y), *Agrotis ipsilon* (Dark Sword Grass), *Rhodometra sacraria* (Vestal), *Peridroma saucia* (Pearly Underwing), *Orthonama obstipata* (Gem) and *Macroglossum stellatarum* (Humming-bird hawk-moth).

Table 3. Most recorded species of Macrolepidoptera during 2001

Code	Taxon	Vernacular	Records
2107	<i>Noctua pronuba</i>	Large Yellow Underwing	97
2102	<i>Ochropleura plecta</i>	Flame Shoulder	95
2089	<i>Agrotis exclamationis</i>	Heart and Dart	92
2321	<i>Apamea monoglypha</i>	Dark Arches	81
2190	<i>Orthosia gothica</i>	Hebrew Character	77
1906	<i>Opisthograptis luteolata</i>	Brimstone Moth	66

2343x	Mesapamea secalis agg.	Common Rustic	62
2126	Xestia c-nigrum	Setaceous Hebrew Character	56
1713	Idaea aversata	Riband Wave	53
2160	Lacanobia oleracea	Bright-line Brown-eye	48

Microlepidoptera

Checklist

In the following checklist each taxon entry consists of the Bradley & Fletcher code, the scientific and vernacular names, its current UK status (if any) and the number of records during 2001. For taxa that are rare, unusual or just interesting I have included some annotations.

Acknowledgements

I am extremely grateful to all those many people who have sent me records over the year. Without those records this report would not have been possible.

R. Elliott, February 2002.

Checklist, 2001

Micropterigidae

- 5 *Micropterix calthella* 1

Hepialidae

- 14 *Hepialus humuli* (Ghost Moth) 7
15 *Hepialus sylvina* (Orange Swift) 4
17 *Hepialus lupulinus* (Common Swift) 7
18 *Hepialus fusconebulosa* (Map-winged Swift) 3

Nepticulidae

- 85 *Stigmella suberivora* 1
New county record. A single was taken at Tenby (SN1301) in August (Barry Stewart)

Opostegidae

- 121 *Pseudopostega crepusculella* 1

Adelidae

- 150 *Adela reaumurella* 3

Zygaenidae

- 169 *Zygaena filipendulae stephensi* (Six-spot Burnet) 5
170 *Zygaena trifolii* (Five-spot Burnet) 3

Tineidae

- 200 *Psychoides filicivora* Nb 1
Only the third record of this species in the county, taken at Pen-yr-allt Woods, Abermawr (SN8834) in August (Matt Sutton and Deborah Kearsley). Previous records date from 1978 and 1979.

Yponomeutidae

- 251 *Ochsenheimeria mediopectinellus* 1
New county record. A single recorded at Newport (SN0540) in August (Matt Sutton, Deborah Kearsley and Alun Clare)

Gracillariidae

- 288 *Caloptilia stigmatella* 2
293 *Caloptilia syringella* 1
294 *Aspilapteryx tringipennella* 2
296 *Calybites phasianipennella* 1
New county record. A single of the species of form *quadrupella* was taken at Caer Bwdy (SM7624) during June (Matt Sutton and Deborah Kearsley)
303 *Parornix anglicella* 1
321 *Phyllonorycter messaniella* 1
335 *Phyllonorycter salicicolella* 1
364 *Phyllonorycter geniculella* 1
New county record. A single recorded from Tenby (SN1301) in August (Barry Stewart, S.J.S. Stewart and R.H.A. Taylor)

Sesiidae

- 383 *Synansphecchia muscaeformis* (Thrift Clearwing) Nb 12
A Butterfly Guardians workshop, "Hunting for the caterpillars of rare moths", led by Dr. Paul Waring in May prompted an increase in the number of records for this species. All 12 records received this year were for larvae. The main areas recorded were the St David's area (SM7223, SM7227, SM7624 and SM7824) (Matt Sutton and Steve Coker), St Ann's Head (SM8002) (Bob Haycock) and Stackpole (SR9893, SR9894 and SR9994) (Bob Haycock). The distribution of this species is very much restricted to the coast, particularly the south and west.

Choreutidae

- 385 *Anthophila fabriciana* 2

Glyphipterigidae

- 391 *Glyphipterix simplicella* (Cocksfoot Moth) 1

Yponomeutidae

- 411 *Argyresthia goedartella* 1
New county record. Recorded from Pen-yr-Allt Wood, Abermawr (SM8834) in August (Matt Sutton and Deborah Kearsley).

- 417 *Argyresthia spinosella* 1

- 424 *Yponomeuta evonymella* (Bird-cherry Ermine) 1
New county record. A single taken in an actinic trap at Lodge Park Wood, Stackpole (SR9697) in July (Ron Elliott)

- 425 *Yponomeuta padella* (Orchard Ermine) 4

- 436 *Pseudoswammerdamia combinella* 10

- 438 *Swammerdamia pyrella* 1

- 449 *Prays fraxinella* (Ash Bud Moth) Migrant 1

- 453 *Ypsolopha dentella* (Honeysuckle Moth) 1

- 460 *Ypsolopha parenthesella* 1

- 464 *Plutella xylostella* (Diamond-back Moth) Migrant 4

Coleophoridae

- 489x *Coleophora* sp. 4

- 519 *Coleophora deauratella* 1

- 521 *Coleophora conyzae* Nb 1
A single taken in Mere Pool valley (SR9794) in June (Sam Bosanquet) was the first record for this species since 1983.

- 532 *Coleophora albidella* 1

- 544 *Coleophora albicosta* 2

- 547 *Coleophora discordella* 1

Elachistidae

- 597 *Elachista atricomella* 5

- 610 *Elachista argentella* 3

Oecophoridae

- 647 *Hofmannophila pseudospretella* (Brown House Moth) 5

- 648 *Endrosis sarcitrella* (White-shouldered House Moth) 4

649	<i>Esperia sulphurella</i>		1
670	<i>Depressaria daucella</i>		4
671	<i>Depressaria ultimella</i>		2
672	<i>Depressaria pastinacella</i> (Parsnip Moth)		2
682	<i>Depressaria chaerophylli</i>		3
688	<i>Agonopterix heracliiana</i>		2
691	<i>Agonopterix purpurea</i> New county record. Recorded at Nine Wells Valley, Solva (SM7821) and Llanungar Fawr, Whitchurch (SM7925) during August (both records from Matt Sutton and Deborah Kearsley).		2
692	<i>Agonopterix subpropinquella</i>		2
701	<i>Agonopterix ocellana</i>		1
705	<i>Agonopterix umbellana</i>		2
706	<i>Agonopterix nervosa</i>		3
713	<i>Agonopterix angelicella</i>		3
714	<i>Agonopterix yeatiana</i>		2
Gelechiidae			
736	<i>Monochroa lucidella</i>	Nb	1
797	<i>Neofaculta ericetella</i>		1
810x	<i>Scobipalpa</i> sp.		1
820	<i>Scrobipalpa artemisiella</i> (Thyme Moth)	Nb	1
826x	<i>Caryocolum</i> sp.		3
843	<i>Aproaerema anthyllidella</i>		2
856	<i>Anarsia spartiella</i>		4
Blastobasidae			
873	<i>Blastobasis lignea</i>		9
Momphidae			
892	<i>Mompha subbistrigella</i> New county record. Recorded on three occasions at Steynton (SM9207) during May (Sam Bosanquet).		3
893	<i>Mompha epilobiella</i> New county record. Taken at Steynton (SM9207) in May (Sam Bosanquet).		1
Tortricidae			
921	<i>Phtheochroa inopiana</i>		3
926	<i>Phalonidia manniana</i> New county record. Taken twice in July in an MV light trap at Lodge Park Wood, Stackpole (SR9796) (Ron Elliott) then later in the same month at Trefeiddan Moor (SM7324) (Matt Sutton, Deborah Kearsley, Jo Spencer, and Matt Pickard).	Nb	3
936	<i>Cochylimorpha straminea</i>		2
937	<i>Agapeta hamana</i>		11
938	<i>Agapeta zoegana</i>		6
966	<i>Cochylis atricapitana</i>		5

969	<i>Pandemis corylana</i> (Chequered Fruit-tree Tortrix)	1
970	<i>Pandemis cerasana</i> (Barred Fruit-tree Tortrix)	10
972	<i>Pandemis heparana</i> (Dark Fruit-tree Tortrix)	2
977	<i>Archips podana</i> (Large Fruit-tree Tortrix)	7
989	<i>Aphelia paleana</i> (Timothy Tortrix)	7
993	<i>Clepsis spectrana</i> (Cyclamen Tortrix)	1
994	<i>Clepsis consimilana</i>	1
998	<i>Epiphyas postvittana</i> (Light Brown Apple Moth)	19
1000	<i>Ptycholoma lecheana</i>	1
1002	<i>Lozotaenia forsterana</i>	3
1010	<i>Ditula angustiorana</i> (Red-barred Tortrix)	1
1011	<i>Pseudargyrotoza conwagana</i>	1
1018	<i>Cnephasia communana</i>	1
1019	<i>Cnephasia conspersana</i>	2
1020	<i>Cnephasia stephensiana</i> (Grey Tortrix)	3
1021	<i>Cnephasia asseclana</i> (Flax Tortrix)	1
1024	<i>Cnephasia incertana</i> (Light Grey Tortrix)	2
1036	<i>Acleris forsskaleana</i>	1
1038	<i>Acleris laterana</i>	4
1042	<i>Acleris rhombana</i> (Rhomboid Tortrix)	1
1048	<i>Acleris variegana</i> (Garden Rose Tortrix)	1
1053	<i>Acleris hastiana</i>	1
1062	<i>Acleris emargana</i>	2
1063	<i>Celypha striana</i>	3
1076	<i>Celypha lacunana</i>	25
1082	<i>Hedya pruniana</i> (Plum Tortrix)	4
1083	<i>Hedya nubiferana</i> (Marbled Orchard Tortrix)	1
1087	<i>Orthotaenia undulana</i>	4
1109	<i>Lobesia littoralis</i>	1
1111	<i>Bactra lancealana</i>	5
1126	<i>Ancylis badiana</i>	2
1138	<i>Epinotia nisella</i>	3
1144	<i>Epinotia signatana</i>	1
1147	<i>Epinotia cruciana</i> (Willow Tortrix)	1
1159	<i>Rhopobota naevana</i> (Holly Tortrix)	2
1175	<i>Epiblema uddmanniana</i> (Bramble Shoot Moth)	8
1178	<i>Epiblema roborana</i>	3
1197	<i>Eucosma campoliliana</i>	1
1200	<i>Eucosma hohenwartiana</i>	2
1201	<i>Eucosma cana</i>	3

1234	<i>Pammene regiana</i>		1
1255	<i>Cydia succedana</i>		1
1260	<i>Cydia splendana</i>		1
Pyralidae			
1293	<i>Chrysoteuchia culmella</i> (Garden Grass-veneer)		38
1302	<i>Crambus perlella</i>		4
1304	<i>Agriphila straminella</i>		6
1305	<i>Agriphila tristella</i>		32
1309	<i>Agriphila geniculea</i>		2
1314	<i>Catoptria margaritella</i> (Pearl-band Grass Veneer)		2
1331	<i>Acentria nivea</i> (Water Veneer)		1
1332	<i>Scoparia subfusca</i>		1
1333	<i>Scoparia pyralella</i>		5
1334	<i>Scoparia ambigualis</i>		6
1338	<i>Dipleurina lacustrata</i>		18
1340	<i>Eudonia truncicolella</i>		1
1341	<i>Eudonia lineola</i>	Nb	1
	The single was taken at The Neck, Skomer (SM7308) in July (Matt Sutton and Alun Clare). All previous records of this species, with one exception, have been made on the island.		
1342	<i>Eudonia angustea</i>		5
1343	<i>Eudonia delunella</i>	Nb	3
1344	<i>Eudonia mercurella</i>		8
1345	<i>Elophila nymphaeata</i> (Brown China-mark)		6
1348	<i>Parapoynx stratiotata</i> (Ringed China-mark)		10
1350	<i>Nymphula stagnata</i> (Beautiful China-mark)		3
1354	<i>Cataclysta lemnata</i> (Small China-mark)		7
1356	<i>Evergestis forficalis</i> (Garden Pebble)		4
1358	<i>Evergestis pallidata</i>		2
1362	<i>Pyrausta purpuralis</i>		4
1365	<i>Pyrausta despicata</i>		3
1376	<i>Eurrhpara hortulata</i> (Small Magpie)		7
1385	<i>Ebulea crocealis</i>		6
1388	<i>Udea lutealis</i>		3
1390	<i>Udea prunalis</i>		7
1392	<i>Udea olivalis</i>		9
1395	<i>Udea ferrugalis</i>	Migrant	4
1397	<i>Mecyna asinalis</i>	Nb	1
1399	<i>Dolicharthria punctalis</i>	Nb	3
1405	<i>Pleuroptya ruralis</i> (Mother of Pearl)		20
1408	<i>Palpita unionalis</i>	Migrant	1

New county record. Taken at MV light in October at Llanungar Fawr, Whitchurch (SM7925) (Matt Sutton and Deborah Kearsley).

1413	<i>Hypsopygia costalis</i> (Gold Triangle)		3
1417	<i>Pyralis farinalis</i> (Meal Moth)		1
1426	<i>Achroia grisella</i> (Lesser Wax Moth)		2
	New county record. Recorded twice at Rushmoor (SN0210) with a single on 6 July and three on 10 July (Annie Poole and Bob Haycock).		
1428	<i>Aphomia sociella</i> (Bee Moth)		13
1439	<i>Trachycera advenella</i>		8
1442	<i>Pempelia palumbella</i>		5
	New county record. Recorded in an actinic trap on five occasions, four at Morfa Common/Nine Wells (SM7824) during June and July then at St David's Head (SM7228) in August (all records from Matt Sutton and Deborah Kearsley).		
1458	<i>Myelois circumvoluta</i> (Thistle Ermine)		1
1462	<i>Pempeliella dilutella</i>		13
1467	<i>Ancylosis oblitella</i>	Nb	1
	New county record. Taken in an actinic trap at Morfa Common (SM7824) during June (Matt Sutton and Deborah Kearsley).		
1481	<i>Homoeosoma sinuella</i>		7
1483	<i>Phycitodes binaevella</i>		1
1484	<i>Phycitodes saxicola</i>		2
1485	<i>Phycitodes maritima</i>		1
1486	<i>Apomyelois bistriatella subcognata</i>	Nb	1
	New county record. A single was taken at MV light in Lodge Park Wood, Stackpole (SR9796) in July (Ron Elliott).		

Pterophoridae

1487	<i>Agdistis meridionalis</i>	pRDB3	2
	First recorded in the county in June 2000 at Lydstep (SS0997) (Barry Stewart) it was taken this year at Caer Bwdy (SM7624) in June (Matt Sutton and Deborah Kearsley) and St. Govan's Chapel (SR9692) in August (Matt Sutton).		
1495	<i>Marasmarcha lunaedactyla</i>		3
1509	<i>Stenoptilia pterodactyla</i>		1
1513	<i>Pterophorus pentadactyla</i> (White Plume Moth)		3
1523	<i>Oidaematophorus lithodactyla</i>		1
1524	<i>Emmelina monodactyla</i>		4

Hesperiidae

1526	<i>Thymelicus sylvestris</i> (Small Skipper)		11
1531	<i>Ochlodes venata</i> (Large Skipper)		21
1532	<i>Erynnis tages</i> (Dingy Skipper)		1

Periidae

1545	<i>Colias croceus</i> (Clouded Yellow)	Migrant	6
1549	<i>Pieris brassicae</i> (Large White)		70
1550	<i>Pieris rapae</i> (Small White)		64

1551	<i>Pieris napi</i> (Green-veined White)	19
1553	<i>Anthocharis cardamines</i> (Orange-tip)	39

Lycaenidae

1555	<i>Callophrys rubi</i> (Green Hairstreak)	1
1556	<i>Thecla betulae</i> (Brown Hairstreak) Nb Egg searches on Blackthorn at West Williamston (SN0205, SN0305 and SN0306) in September and November found over 190 eggs of this species (Nikki Anderson). In addition, a single adult was recorded in the same area (SN0306) in September (Nikki Anderson).	4
1557	<i>Neozephyrus quercus</i> (Purple Hairstreak)	2
1561	<i>Lycaena phlaeas</i> (Small Copper)	16
1571	<i>Plebejus argus</i> (Silver-studded Blue) Nb This species was again recorded from the St Govan's area (SR9692 and SR9792) with between 30 and 100 adults seen on a single visit in June (Ron Elliott).	2
1574	<i>Polyommatus icarus</i> (Common Blue)	33
1580	<i>Celastrina argiolus</i> (Holly Blue)	7

Nymphalidae

1590	<i>Vanessa atalanta</i> (Red Admiral) Migrant	52
1591	<i>Vanessa cardui</i> (Painted Lady) Migrant	13
1593	<i>Aglais urticae</i> (Small Tortoiseshell)	57
1597	<i>Inachis io</i> (Peacock)	52
1598	<i>Polygonia c-album</i> (Comma)	10
1607	<i>Argynnis aglaja</i> (Dark Green Fritillary)	2
1608	<i>Argynnis paphia</i> (Silver-washed Fritillary)	1
1614	<i>Pararge aegeria</i> (Speckled Wood)	85
1615	<i>Lasiommata megera</i> (Wall)	14
1620	<i>Melanargia galathea</i> (Marbled White)	1

A single record of this species, taken at Houghton (SM9808) in August (D.T. Reynolds) in addition to the previous records in June and July 2000 at West Williamston (SN0205) (Nikki Anderson) would suggest that this species is indeed extending its range westwards into the county.

1625	<i>Pyronia tithonus</i> (Gatekeeper / Hedge Brown)	39
1626	<i>Maniola jurtina</i> (Meadow Brown)	41
1627	<i>Coenonympha pamphilus</i> (Small Heath)	3
1629	<i>Aphantopus hyperantus</i> (Ringlet)	24
1630	<i>Danaus plexippus</i> (The Milkweed) Vagrant/Accidental A single recorded at Solva (SM8024) in August (S.T. Croke) brought the total number of records for this species to twelve over a period of 60 years. A photograph supplied with the record not only allowed a positive identification to be made but also showed the butterfly to be feeding on Buddleia.	1

Lasiocampidae

1631	<i>Poecilocampa populi</i> (December Moth)	10
1632	<i>Trichiura crataegi</i> (Pale Eggar)	1
1634	<i>Malacosoma neustria</i> (Lackey)	29

1637	<i>Lasiocampa quercus</i> (Oak Eggar)	2
	Because the status of <i>L. quercus quercus</i> and <i>L. quercus f. callunae</i> is not clear and there are no easily distinguishable differences all records are treated as belonging to <i>L. quercus</i> .	
1640	<i>Euthrix potatoria</i> (Drinker)	41
Saturnidae		
1643	<i>Saturnia pavonia</i> (Emperor)	1
Drepanidae		
1646	<i>Watsonalla binaria</i> (Oak Hook-tip)	1
1651	<i>Cilix glaucata</i> (Chinese Character)	9
1652	<i>Thyatira batis</i> (Peach Blossom)	9
1653	<i>Habrosyne pyritoides</i> (Buff Arches)	11
1657	<i>Ochropacha duplaris</i> (Common Lutestring)	2
Geometridae		
1663	<i>Alsophila aescularia</i> (March Moth)	13
1665	<i>Pseudoterpna pruinata atropunctaria</i> (Grass Emerald)	11
1666	<i>Geometra papilionaria</i> (Large Emerald)	4
1669	<i>Hemithea aestivaria</i> (Common Emerald)	8
1673	<i>Hemistola chrysoprasaria</i> (Small Emerald)	5
1674	<i>Jodis lactearia</i> (Little Emerald)	2
1681	<i>Cyclophora linearia</i> (Clay Triple-lines)	1
1682	<i>Timandra comae</i> (Blood-vein)	12
1689	<i>Scopula marginepunctata</i> (Mullein Wave)	8
1690	<i>Scopula imitaria</i> (Small Blood-vein)	1
1692	<i>Scopula immutata</i> (Lesser Cream Wave)	6
1693	<i>Scopula floslactata</i> (Cream Wave)	8
1702	<i>Idaea biselata</i> (Small Fan-footed Wave)	28
1708	<i>Idaea dimidiata</i> (Single-dotted Wave)	14
1709	<i>Idaea subsericeata</i> (Satin Wave)	1
1713	<i>Idaea aversata</i> (Riband Wave)	53
1715	<i>Idaea straminata</i> (Plain Wave)	4
1716	<i>Rhodometra sacraria</i> (Vestal)	Migrant 4
	Recorded on four occasions; once at Lamphey (SN0100) on 12 October (Ron Elliott), twice at Llanungar Fawr (SM7925) on 12 and 13 October (Matt Sutton and Deborah Kearsley) and once at Morfa Common (SM7824) on 13 October (Matt Sutton and Deborah Kearsley).	
1719	<i>Orthonama vittata</i> (Oblique Carpet)	3
1720	<i>Orthonama obstipata</i> (Gem)	Migrant 1
	Just a single record for this species; recorded at Llanungar Fawr (SM7925) on 13 October (Matt Sutton and Deborah Kearsley).	
1722	<i>Xanthorhoe designata</i> (Flame Carpet)	18
1724	<i>Xanthorhoe spadicearia</i> (Red Twin-spot Carpet)	34
1725	<i>Xanthorhoe ferrugata</i> (Dark-barred Twin-spot Carpet)	2
1727	<i>Xanthorhoe montanata montanata</i> (Silver-ground Carpet)	28

1728	<i>Xanthorhoe fluctuata</i> (Garden Carpet)	40
1732	<i>Scotopteryx chenopodiata</i> (Shaded Broad-bar)	8
1733	<i>Scotopteryx mucronata umbrifera</i> (Lead Belle)	4
1734	<i>Scotopteryx luridata plumbaria</i> (July Belle)	2
1738	<i>Epirrhoe alternata</i> (Common Carpet)	24
1740	<i>Epirrhoe galiata</i> (Galium Carpet)	2
1742	<i>Camptogramma bilineata</i> (Yellow Shell)	3
1746	<i>Anticlea badiata</i> (Shoulder Stripe)	9
1747	<i>Anticlea derivata</i> (Streamer)	14
1748	<i>Mesoleuca albicillata</i> (Beautiful Carpet)	1
1750	<i>Lampropteryx suffumata</i> (Water Carpet)	16
1751	<i>Lampropteryx oregiata</i> (Devon Carpet) Nb Taken twice at light in August; at MV light at Yerboston Tops (SN0509) and at actinic light at Llangloffan Fen NR (SM9031) (Matt Sutton and Deborah Kearsley).	2
1752	<i>Cosmorhoe ocellata</i> (Purple Bar)	8
1754	<i>Eulithis prunata</i> (Phoenix)	6
1755	<i>Eulithis testata</i> (Chevron)	6
1757	<i>Eulithis mellinata</i> (Spinach)	1
1758	<i>Eulithis pyraliata</i> (Barred Straw)	14
1759	<i>Ecliptopera silaceata</i> (Small Phoenix)	26
1764	<i>Chloroclysta truncata</i> (Common Marbled Carpet)	44
1765	<i>Cidaria fulvata</i> (Barred Yellow)	5
1766	<i>Plemyria rubiginata</i> (Blue-bordered Carpet) A record from Pen-yr-Allt Woods (SM8834) in August was only the second one for the county (Matt Sutton and Deborah Kearsley).	1
1768	<i>Thera obeliscata</i> (Grey Pine Carpet)	4
1769	<i>Thera britannica</i> (Spruce Carpet)	4
1773	<i>Electrophaes corylata</i> (Broken-barred Carpet)	2
1775	<i>Colostygia multistrigaria</i> (Mottled Grey)	4
1776	<i>Colostygia pectinataria</i> (Green Carpet)	15
1777	<i>Hydriomena furcata</i> (July Highflyer)	40
1781	<i>Horisme vitalbata</i> (Small Waved Umber)	1
1782	<i>Horisme tersata</i> (Fern)	1
1784	<i>Melanthia procellata</i> (Pretty Chalk Carpet)	4
1789	<i>Rheumaptera undulata</i> (Scallop Shell)	1
1794	<i>Euphyia unangulata</i> (Sharp-angled Carpet)	4
1795x	<i>Epirrita</i> sp. This taxon refers to specimens of <i>E. dilutata</i> , <i>E. christyi</i> and <i>E. autumnata</i> where the species could not be determined. It includes some quite small specimens taken in Lodge Park Wood, Stackpole (SR9796) that were sent to the National Museum of Wales for determination. Genitalia examination was able only to exclude <i>E. autumnata</i> .	11
1795	<i>Epirrita dilutata</i> (November Moth)	3

1797	<i>Epirrita autumnata</i> (Autumnal Moth)		1
1799	<i>Operophtera brumata</i> (Winter Moth)		3
1801	<i>Perizoma taeniata</i> (Barred Carpet)	Na	1
	A single taken at MV light in Lamphay (SN0100) in July (Ron Elliott) was only the second record for this species in the county.		
1802	<i>Perizoma affinitata</i> (Rivulet)		4
1803	<i>Perizoma alchemillata</i> (Small Rivulet)		3
1807	<i>Perizoma albulata albulata</i> (Grass Rivulet)		1
1808	<i>Perizoma flavofasciata</i> (Sandy Carpet)		11
1809	<i>Perizoma didymata</i> (Twin-spot Carpet)		3
1811	<i>Eupithecia tenuiata</i> (Slender Pug)		1
1813	<i>Eupithecia haworthiata</i> (Haworth's Pug)		5
1817	<i>Eupithecia pulchellata</i> (Foxglove Pug)		23
1823	<i>Eupithecia venosata</i> (Netted Pug)		1
1825	<i>Eupithecia centaureata</i> (Lime-speck Pug)		2
1826	<i>Eupithecia trisignaria</i> (Triple-spotted Pug)		3
1827	<i>Eupithecia intricata arceuthata</i> (Freyer's Pug)		2
1830	<i>Eupithecia absinthiata</i> (Wormwood Pug)		3
1832	<i>Eupithecia assimilata</i> (Currant Pug)		2
1834	<i>Eupithecia vulgata</i> (Common Pug)		18
1835	<i>Eupithecia tripunctaria</i> (White-spotted Pug)		2
1836	<i>Eupithecia denotata jasionata</i> (Jasione Pug)	Na	1
	Two specimens taken at actinic light at Nine Wells (SM7824) in July (Matt Sutton and Deborah Kearsley) constituted only the third record for this species in the county.		
1837	<i>Eupithecia subfuscata</i> (Grey Pug)		6
1838	<i>Eupithecia icterata subfulvata</i> (Tawny-speckled Pug)		4
1846	<i>Eupithecia nanata angusta</i> (Narrow-winged Pug)		1
1851	<i>Eupithecia virgaureata</i> (Golden-rod Pug)		1
	A single taken at MV light in Lodge Park Wood, Stackpole (SR9796) (RE) was the first record of this species since it was included in a county list by C.G. Barrett in 1890.		
1852	<i>Eupithecia abbreviata</i> (Brindled Pug)		4
1853	<i>Eupithecia dodoneata</i> (Oak-tree Pug)		3
1858	<i>Chloroclystis v-ata</i> (V-Pug)		18
1860	<i>Pasiphila rectangularata</i> (Green Pug)		10
1862	<i>Gymnoscelis rufifasciata</i> (Double-striped Pug)		14
1867	<i>Aplocera plagiata plagiata</i> (Treble Bar)		2
1870	<i>Odezia atrata</i> (Chimney Sweeper)		1
1872	<i>Discoloxia blomeri</i> (Blomer's Rivulet)	Nb	6
	Recorded on six different occasions at Lodge Park Wood, Stackpole (SR9796) during June, July and August (Ron Elliott). These are the first records in the county for this species since 1982 when Nicola Davis, a PhD student carrying out a study on feed sources for Greater Horseshoe Bats, recorded them in and around Stackpole. Of the 24 records in the		

Pembrokeshire Lepidoptera database all but one are for the Stackpole area. The odd one is for Upton (SN0104) in June 1988 (Ron Elliott)

1876	<i>Hydrelia flammeolaria</i> (Small Yellow Wave)		2
1877	<i>Hydrelia sylvata</i> (Waved Carpet)	BAP	1
	Two specimens, taken in an actinic trap at Esgryn Raised Bog (SM9734) in June (Matt Sutton and Deborah Kearsley), constituted the fifth county record of this species, the last previous record having been in 1994.		
1881	<i>Trichopteryx carpinata</i> (Early Tooth-striped)		3
1882	<i>Pterapherapteryx sexalata</i> (Small Seraphim)		1
1883	<i>Acasis viretata</i> (Yellow-barred Brindle)		2
1884	<i>Abraxas grossulariata</i> (Magpie Moth)		34
1887	<i>Lomaspilis marginata</i> (Clouded Border)		15
1889	<i>Macaria notata</i> (Peacock Moth)		2
1890	<i>Macaria alternata</i> (Sharp-angled Peacock)		10
1893	<i>Macaria liturata</i> (Tawny-barred Angle)		1
1902	<i>Petrophora chlorosata</i> (Brown Silver-line)		18
1904	<i>Plagodis dolabraria</i> (Scorched Wing)		4
1906	<i>Opisthograptis luteolata</i> (Brimstone Moth)		66
1907	<i>Epione repandaria</i> (Bordered Beauty)		5
1909	<i>Pseudopanthera macularia</i> (Speckled Yellow)		2
1910	<i>Apeira syringaria</i> (Lilac Beauty)		1
1912	<i>Ennomos quercinaria</i> (August Thorn)		4
1913	<i>Ennomos alniaria</i> (Canary-shouldered Thorn)		13
1914	<i>Ennomos fuscantaria</i> (Dusky Thorn)		1
1915	<i>Ennomos erosaria</i> (September Thorn)		2
1917	<i>Selenia dentaria</i> (Early Thorn)		21
1919	<i>Selenia tetralunaria</i> (Purple Thorn)		7
1920	<i>Odontopera bidentata</i> (Scalloped Hazel)		6
1921	<i>Crocallis elinguarina</i> (Scalloped Oak)		37
1922	<i>Ourapteryx sambucaria</i> (Swallow-tailed Moth)		12
1923	<i>Colotois pennaria</i> (Feathered Thorn)		17
1927	<i>Lycia hirtaria</i> (Brindled Beauty)		7
1930	<i>Biston strataria</i> (Oak Beauty)		1
1931	<i>Biston betularia</i> (Peppered Moth)		29
1934	<i>Agriopsis marginaria</i> (Dotted Border)		12
1935	<i>Erannis defoliaria</i> (Mottled Umber)		1
1936	<i>Menophra abruptaria</i> (Waved Umber)		5
1937	<i>Peribatodes rhomboidaria</i> (Willow Beauty)		30
1941	<i>Alcis repandata</i> (Mottled Beauty)		46
1942	<i>Alcis jubata</i> (Dotted Carpet)	Nb	2
	Recorded twice at Lodge Park Wood, Stackpole (SR9796) in August (Ron Elliott); these were the first records for the county since 1994.		

1945	<i>Cleorodes lichenaria</i> (Brussels Lace)		22
1947	<i>Ectropis bistortata</i> (Engrailed)		8
1948	<i>Ectropis crepuscularia</i> (Small Engrailed)		7
1955	<i>Cabera pusaria</i> (Common White Wave)		13
1956	<i>Cabera exanthemata</i> (Common Wave)		7
1957	<i>Lomographa bimaculata</i> (White-pinion Spotted)		6
1958	<i>Lomographa temerata</i> (Clouded Silver)		21
1960	<i>Theria primaria</i> (Early Moth)		3
1961	<i>Campaea margaritata</i> (Light Emerald)		14
1962	<i>Hylaea fasciaria</i> (Barred Red)		2
1964	<i>Gnophos obscurata</i> (Annulet)		5
1968	<i>Semiaspilates ochrearia</i> (Yellow Belle)		2
Sphingidae			
1976	<i>Sphinx ligustri</i> (Privet Hawk-moth)		15
1980	<i>Smerinthus ocellata</i> (Eyed Hawk-moth)		2
1981	<i>Laothoe populi</i> (Poplar Hawk-moth)		34
1984	<i>Macroglossum stellatarum</i> (Humming-bird Hawk-moth)	Migrant	1
	A single record from Maes yr Haf (SN0538) on 4 July (Tony Lewis)		
1991	<i>Deilephila elpenor</i> (Elephant Hawk-moth)		23
1992	<i>Deilephila porcellus</i> (Small Elephant Hawk-moth)		4
Notodontidae			
1994	<i>Phalera bucephala</i> (Buff-tip)		14
1995	<i>Cerura vinula</i> (Puss Moth)		1
1997	<i>Furcula furcula</i> (Sallow Kitten)		1
1999	<i>Stauropus fagi</i> (Lobster Moth)		2
2000	<i>Notodonta dromedarius</i> (Iron Prominent)		6
2003	<i>Notodonta ziczac</i> (Pebble Prominent)		22
2006	<i>Pheosia gnoma</i> (Lesser Swallow Prominent)		3
2007	<i>Pheosia tremula</i> (Swallow Prominent)		5
2008	<i>Ptilodon capucina</i> (Coxcomb Prominent)		8
2011	<i>Pterostoma palpina</i> (Pale Prominent)		17
2014	<i>Drymonia dodonaea</i> (Marbled Brown)		1
2015	<i>Drymonia ruficornis</i> (Lunar Marbled Brown)		1
Lymantriidae			
2028	<i>Calliteara pudibunda</i> (Pale Tussock)		11
2030	<i>Euproctis similis</i> (Yellow-tail)		1
2033	<i>Lymantria monacha</i> (Black Arches)		8
Arctiidae			
2035	<i>Thumatha senex</i> (Round-winged Muslin)		7
2036	<i>Setina irrorella</i> (Dew Moth)	Na	2

Taken in July at Dinas Fawr (SM8122) (Matt Sutton) and Dinas Fach (SM8222) (Matt Sutton and Deborah Kearsley).

2037	<i>Miltochrista miniata</i> (Rosy Footman)	12
2038	<i>Nudaria mundana</i> (Muslin Footman)	4
2040	<i>Cybosia mesomella</i> (Four-dotted Footman)	3
2044	<i>Eilema griseola</i> (Dingy Footman)	9
2045	<i>Eilema caniola</i> (Hoary Footman)	Nb 3
	Taken on three occasions during the year; in July at the Neck, Skomer (SM7308) at actinic light (Matt Sutton and Alun Clare) and in August at MV light at Tenby (SN1301) (Barry Stewart, S.J.S. Stewart and R.H.A. Taylor) and at Traeth Abermawr (SM8834) (Matt Sutton and Deborah Kearsley).	
2047	<i>Eilema complana</i> (Scarce Footman)	6
2049	<i>Eilema depressa</i> (Buff Footman)	4
2050	<i>Eilema lurideola</i> (Common Footman)	32
2057	<i>Arctia caja</i> (Garden Tiger)	13
2060	<i>Spilosoma lubricipeda</i> (White Ermine)	37
2061	<i>Spilosoma luteum</i> (Buff Ermine)	34
2063	<i>Diaphora mendica</i> (Muslin Moth)	14
2064	<i>Phragmatobia fuliginosa</i> (Ruby Tiger)	9
2068	<i>Callimorpha dominula</i> (Scarlet Tiger)	2
2069	<i>Tyria jacobaeae</i> (Cinnabar)	19
Nolidae		
2078	<i>Nola confusalis</i> (Least Black Arches)	5
Noctuidae		
2081	<i>Euxoa tritici</i> (White-line Dart)	2
2087	<i>Agrotis segetum</i> (Turnip Moth)	1
2088	<i>Agrotis clavis</i> (Heart and Club)	2
2089	<i>Agrotis exclamationis</i> (Heart and Dart)	92
2090	<i>Agrotis trux lunigera</i> (Crescent Dart)	Nb 13
	Recorded on 13 occasions ranging from the earliest and most southerly at Stackpole (SR9794) in June to the latest and most northerly at St David's Head (SM7228) in August.	
2091	<i>Agrotis ipsilon</i> (Dark Sword-grass)	Migrant 13
	Recorded on 13 occasions between 15 May and 20 October which a high of two at Lamphey (SN0100) on 2 July (Ron Elliott),.	
2098	<i>Axylia putris</i> (Flame)	37
2102	<i>Ochropleura plecta</i> (Flame Shoulder)	95
2104	<i>Standfussiana lucernea</i> (Northern Rustic)	6
2107	<i>Noctua pronuba</i> (Large Yellow Underwing)	97
2109	<i>Noctua comes</i> (Lesser Yellow Underwing)	31
2111	<i>Noctua janthe</i> (Lesser Broad-bordered Yellow Underwing)	27
2112	<i>Noctua interjecta caliginosa</i> (Least Yellow Underwing)	12
2114	<i>Graphiphora augur</i> (Double Dart)	1

2117	<i>Paradiarsia glareosa</i> (Autumnal Rustic)		1
2118	<i>Lycophotia porphyrea</i> (True Lover's Knot)		18
2119	<i>Peridroma saucia</i> (Pearly Underwing)	Migrant	2
	Only two records for this species during the year. Recorded at Morfa Common (SM7824) on 13 October and at Caerbwdy (SM7624) on 20 October (Matt Sutton and Deborah Kearsley).		
2120	<i>Diarsia mendica</i> (Ingrailed Clay)		15
2121	<i>Diarsia dahlia</i> (Barred Chestnut)		1
2122	<i>Diarsia brunnea</i> (Purple Clay)		7
2123	<i>Diarsia rubi</i> (Small Square-spot)		44
2126	<i>Xestia c-nigrum</i> (Setaceous Hebrew Character)		56
2128	<i>Xestia triangulum</i> (Double Square-spot)		25
2130	<i>Xestia baja</i> (Dotted Clay)		4
2133	<i>Xestia sexstrigata</i> (Six-striped Rustic)		6
2134	<i>Xestia xanthographa</i> (Square-spot Rustic)		19
2135	<i>Xestia agathina agathina</i> (Heath Rustic)		2
2136	<i>Naenia typica</i> (Gothic)		1
2138	<i>Anaplectoides prasina</i> (Green Arches)		3
2139	<i>Cerastis rubricosa</i> (Red Chestnut)		1
2140	<i>Cerastis leucographa</i> (White-marked)	Nb	1
	A single, taken at Rushmoor (SN0210) in April (Annie Poole, det. Bob Haycock) was only the second record for this species in the county.		
2142	<i>Anarta myrtilli</i> (Beautiful Yellow Underwing)		1
2145	<i>Discestra trifolii</i> (Nutmeg)		1
2147	<i>Hada plebeja</i> (Shears)		8
2150	<i>Polia nebulosa</i> (Grey Arches)		5
2154	<i>Mamestra brassicae</i> (Cabbage Moth)		4
2155	<i>Melanchra persicariae</i> (Dot Moth)		11
2157	<i>Lacanobia w-latinum</i> (Light Brocade)		2
2158	<i>Lacanobia thalassina</i> (Pale-shouldered Brocade)		4
2159	<i>Lacanobia suasa</i> (Dog's Tooth)		1
2160	<i>Lacanobia oleracea</i> (Bright-line Brown-eye)		48
2163	<i>Melanchra pisi</i> (Broom Moth)		12
2164	<i>Hecatera bicolorata</i> (Broad-barred White)		8
2166	<i>Hadena rivularis</i> (Campion)		5
2167	<i>Hadena perplexa</i> (Tawny Shears)		2
2167	<i>Hadena perplexa capsophila</i> (Pod Lover)		1
2167	<i>Hadena perplexa perplexa</i> (Tawny Shears)		11
2169	<i>Hadena luteago barrettii</i> (Barrett's Marbled Coronet)	Na	6
	Of the six records for this species this year, five were at Caer Bwdy (SM7624), Morfa Common (SM7824) and Porth Mynawydd (SM8222) in June (Matt Sutton and Deborah Kearsley). The sixth record, also in June, was at Lamphey (SN0100) at MV light (Ron Elliott).		

2171	<i>Hadena confusa</i> (Marbled Coronet)		15
2173	<i>Hadena bicruris</i> (Lychnis)		22
2176	<i>Cerapteryx graminis</i> (Antler)		1
2177	<i>Tholera cespitis</i> (Hedge Rustic)		1
2178	<i>Tholera decimalis</i> (Feathered Gothic)		1
2182	<i>Orthosia cruda</i> (Small Quaker)		8
2185	<i>Orthosia populeti</i> (Lead-coloured Drab)		3
2186	<i>Orthosia gracilis</i> (Powdered Quaker)		1
2187	<i>Orthosia cerasi</i> (Common Quaker)		47
2188	<i>Orthosia incerta</i> (Clouded Drab)		25
2189	<i>Orthosia munda</i> (Twin-spotted Quaker)		11
2190	<i>Orthosia gothica</i> (Hebrew Character)		77
2192	<i>Mythimna conigera</i> (Brown-line Bright Eye)		7
2193	<i>Mythimna ferrago</i> (Clay)		25
2196	<i>Mythimna pudorina</i> (Striped Wainscot)		2
2197	<i>Mythimna straminea</i> (Southern Wainscot)		2
2198	<i>Mythimna impura</i> (Smoky Wainscot)		39
2199	<i>Mythimna pallens</i> (Common Wainscot)		13
2205	<i>Mythimna comma</i> (Shoulder-striped Wainscot)		7
2206	<i>Mythimna putrescens</i> (Devonshire Wainscot)	Na	7
	Taken at actinic light at Nine Wells/Morfa Common (SM7824), Dinas Fach (SM8222), St David's Head (SM7228) and the Neck, Skomer Island (SM7308) during June, July and August (Matt Sutton, Deborah Kearsley and Alun Clare).		
2216	<i>Cucullia umbratica</i> (Shark)		5
2221	<i>Shargacucullia verbasci</i> (Mullein)		1
2225	<i>Brachylomia viminalis</i> (Minor Shoulder-knot)		2
2229	<i>Dasypolia templi</i> (Brindled Ochre)		6
2230	<i>Aporophyla australis pascuea</i> (Feathered Brindle)	Nb	1
	A single specimen of this species was taken at MV light at Lamphey (SN0100) in September (Ron Elliott).		
2232	<i>Aporophyla nigra</i> (Black Rustic)		9
2236	<i>Lithophane hepatica</i> (Pale Pinion)		3
2240	<i>Lithophane leautieri hesperica</i> (Blair's Shoulder-knot)		1
2241	<i>Xylena vetusta</i> (Red Sword-grass)		1
2243	<i>Xylocampa areola</i> (Early Grey)		27
2245	<i>Allophyes oxyacanthae</i> (Green-brindled Crescent)		12
2247	<i>Dichonia aprilina</i> (Merveille du Jour)		1
2252	<i>Polymixis flavicincta</i> (Large Ranunculus)		3
2253	<i>Polymixis xanthomista statices</i> (Black-banded)	BAP	5
	A larva of this species was found at Porth y Rhaw (SM7824) in May following the "Rare Moths" workshop mentioned previously (Matt Sutton). Adults were taken in October at MV light at Llanunгор Fawr (SM7925) and Whitesands (SM7327) and at actinic light at		

Morfa Common (SM7824) and Caer Bwdy (SM7624) (Matt Sutton, Deborah Kearsley and Alun Clare).

2255	<i>Eumichtis lichenea</i> (Feathered Ranunculus)	9
2256	<i>Eupsilia transversa</i> (Satellite)	1
2258	<i>Conistra vaccinii</i> (Chestnut)	6
2259	<i>Conistra ligula</i> (Dark Chestnut)	2
2263	<i>Agrochola lota</i> (Red-line Quaker)	15
2264	<i>Agrochola macilenta</i> (Yellow-line Quaker)	3
2265	<i>Agrochola helvola</i> (Flounced Chestnut)	1
2267	<i>Agrochola lychnidis</i> (Beaded Chestnut)	7
2269	<i>Atethmia centrigo</i> (Centre-barred Sallow)	2
2270	<i>Omphaloscelis lunosa</i> (Lunar Underwing)	12
2271	<i>Xanthia citrigo</i> (Orange Sallow) New county record. A single taken at MV light in Lodge Park Wood, Stackpole (SR9796) in October (Ron Elliott).	1
2278	<i>Acronicta megacephala</i> (Poplar Grey)	4
2280	<i>Acronicta leporina</i> (Miller)	1
2281	<i>Acronicta alni</i> (Alder Moth)	1
2284	<i>Acronicta psi</i> (Grey Dagger)	1
2284x	<i>Acronicta psi</i> agg. (Dark / Grey Dagger)	6
2289	<i>Acronicta rumicis</i> (Knot Grass)	15
2291	<i>Craniophora ligustri</i> (Coronet)	3
2293	<i>Cryphia domestica</i> (Marbled Beauty)	5
2295	<i>Cryphia muralis muralis</i> (Marbled Green)	6
2297	<i>Amphipyra pyramidea</i> (Copper Underwing)	11
2299	<i>Amphipyra tragopoginis</i> (Mouse Moth)	1
2300	<i>Mormo maura</i> (Old Lady)	1
2302	<i>Rusina ferruginea</i> (Brown Rustic)	5
2305	<i>Euplexia lucipara</i> (Small Angle Shades)	13
2306	<i>Phlogophora meticulosa</i> (Angle Shades)	25
2312	<i>Ipimorpha subtusa</i> (Olive)	1
2318	<i>Cosmia trapezina</i> (Dun-bar)	11
2321	<i>Apamea monoglypha</i> (Dark Arches)	81
2322	<i>Apamea lithoxylaea</i> (Light Arches)	15
2326	<i>Apamea crenata</i> (Clouded-bordered Brindle)	11
2329	<i>Apamea furva britannica</i> (Confused)	1
2330	<i>Apamea remissa</i> (Dusky Brocade)	7
2334	<i>Apamea sordens</i> (Rustic Shoulder-knot)	1
2335	<i>Apamea scolopacina</i> (Slender Brindle)	4
2337x	<i>Oligia</i> sp. (undifferentiated Minor Moth)	10
2337	<i>Oligia strigilis</i> (Marbled Minor)	17

2338	<i>Oligia versicolor</i> (Rufous Minor)		10
2339	<i>Oligia latruncula</i> (Tawny Marbled Minor)		8
2340	<i>Oligia fasciuncula</i> (Middle-barred Minor)		8
2341	<i>Mesoligia furuncula</i> (Cloaked Minor)		5
2342	<i>Mesoligia literosa</i> (Rosy Minor)		8
2343x	<i>Mesapamea secalis</i> agg. (Common Rustic/Lesser Common Rustic)		62
2345	<i>Photodes minima</i> (Small Dotted Buff)		2
2350	<i>Chortodes pygmina</i> (Small Wainscot)		12
2353	<i>Luperina testacea</i> (Flounced Rustic)		20
2357x	<i>Amphipoea</i> sp. (undifferentiated Ear Moth)		1
2361	<i>Hydraecia micacea</i> (Rosy Rustic)		23
2364	<i>Gortyna flavago</i> (Frosted Orange)		3
2367	<i>Celaena haworthii</i> (Haworth's Minor)		2
2368	<i>Celaena leucostigma</i> (Crescent)		2
2370	<i>Archana geminipuncta</i> (Twin-spotted Wainscot)		1
	A single specimen of this species was taken at MV light in Lodge Park Wood, Stackpole (SR9796) in August (RE, identity confirmed by BH).		
2373	<i>Archana sparganii</i> (Webb's Wainscot)	Nb	1
	A single taken at Lodge Park Wood, Stackpole (SR9796) at MV light in September (Ron Elliott).		
2375	<i>Rhizedra lutosa</i> (Large Wainscot)		4
2380	<i>Charanyca trigrammica</i> (Treble Lines)		7
2381	<i>Hoplodrina alsines</i> (Uncertain)		41
2382	<i>Hoplodrina blanda</i> (Rustic)		16
2387	<i>Caradrina morpheus</i> (Mottled Rustic)		5
2389	<i>Paradrina clavipalpis</i> (Pale Mottled Willow)		15
2391	<i>Chilodes maritimus</i> (Silky Wainscot)	Nb	2
	New county record. Taken at MV light in the Mere Pool valley, Stackpole (SR9794) in June (Sam Bosanquet) then again at MV light in Lodge Park Wood, Stackpole (SR9796) in August (Ron Elliott).		
2394	<i>Stilbia anomala</i> (Anomalous)		1
2399	<i>Pyrrhia umbra</i> (Bordered Sallow)		1
2418	<i>Earias clorana</i> (Cream-bordered Green Pea)	Nb	1
	New county record. Taken at MV light in the Mere Pool valley, Stackpole (SR9794) in June (Sam Bosanquet).		
2434	<i>Diachrysia chrysis</i> (Burnished Brass)		18
2439	<i>Plusia festucae</i> (Gold Spot)		2
2441	<i>Autographa gamma</i> (Silver Y)	Migrant	36
	Recorded a total of 36 times between 29 May and 28 October with a maximum of five on 7 July at SM9602 (Stewart Ryan).		
2442	<i>Autographa pulchrina</i> (Beautiful Golden Y)		5
2443	<i>Autographa jota</i> (Plain Golden Y)		7
2449	<i>Abrostola triplasia</i> (Dark Spectacle)		2

2450	<i>Abrostola tripartita</i> (Spectacle)	31
2462	<i>Callistege mi</i> (Mother Shipton)	1
2463	<i>Euclidea glyphica</i> (Burnet Companion)	1
2469	<i>Scoliopteryx libatrix</i> (Herald)	10
2470	<i>Phytometra viridaria</i> (Small Purple-barred) A single taken at actinic light at Morfa Common (SM7824) in July (Matt Sutton and Deborah Kearsley) was only the fourth record of this species in the county and the first since 1995.	1
2474	<i>Rivula sericealis</i> (Straw Dot)	11
2477	<i>Hypena proboscidalis</i> (Snout)	24
2484	<i>Schrankia costaeirigalis</i> (Pinion-streaked Snout)	2
2489	<i>Zanclognatha tarsipennalis</i> (Fan-foot)	10
2492	<i>Herminia grisealis</i> (Small Fan-foot)	15

References

- Asher, J., Warren, M., Fox, R., Harding, P., Jeffcoate, G. & Jeffcoate, S., 2001.
The Millennium Atlas of Butterflies in Britain and Ireland. Oxford University Press.

