A REVIEW OF THE MOTHS OF CARMARTHENSHIRE 2008

by Jon Baker
County Moth Recorder

KENT BLACK ARCHES *Nola albula*
1st County Record

INTRODUCTION

This is an analysis on the submitted records of macro-moths in Carmarthenshire during 2008. There were 6481 records covering 405 species. This compares with around 6160 records of 404 species in 2007. As with 2007 the summer was a disaster, with very low temperatures, rain seemingly endlessly from May to September, and often strong winds. Not a lot of fun in other words. Moths can cope with some bad weather, but unless we start getting some periods of settled good weather in 2009 I am seriously worried about the long term effects of this.

ANALYSIS

1. New Species

There were very, very few new species added to the county list, mainly due to the lack of micro-moth recording. The following **FIVE** species were recorded as new to the county.

No.	SPECIES	DATE	Location	Grid Ref	Recorded by:
588	*Coleophora salicorniae*	27/07/2008	Pembrey Burrows	SS4299	Jon Baker
924	*Hysterophora maculosana*	01/06/2008	Cnwc y Llwyn	SN515311	Sam Bosanquet
1239	*Pammene rhediella*	14/05/2008	Cnwc y Llwyn	SN515311	Sam Bosanquet
1442	*Pempelia palumbella*	28/06/2008	Ty-llwyd, SE of	SN577063	Ian Morgan
2076	Kent Black Arches	19/07/2008	Pendine MOD	SN3007	Jon Baker et al.

2. Migrants

A truly appalling year for migrants. **SilverY**, the commonest migrant was very scarce with 39 records of single figures. There were 17 records of **Dark Sword Grass**, a single **Gem**, a **White-speck**, just *one* **Rush Veneer** and 3 **Rusty-dot Pearl**. I don't think I have never known a year so impoverished of migrant excitement. However, as these things seem to happen in a three-yearly cycle, 2009 is set to be a good year, with lots of foreign visitors. Hopefully.

Female **GEM** *Orthonama obstipata*, photo: Martin Lovell.

3. Contributors

There were more people contributing this year, despite the weather. Special mention goes to Mat and Ian for their unrivalled enthusiasm in hostile conditions. The following is a list of the main contributors this year.

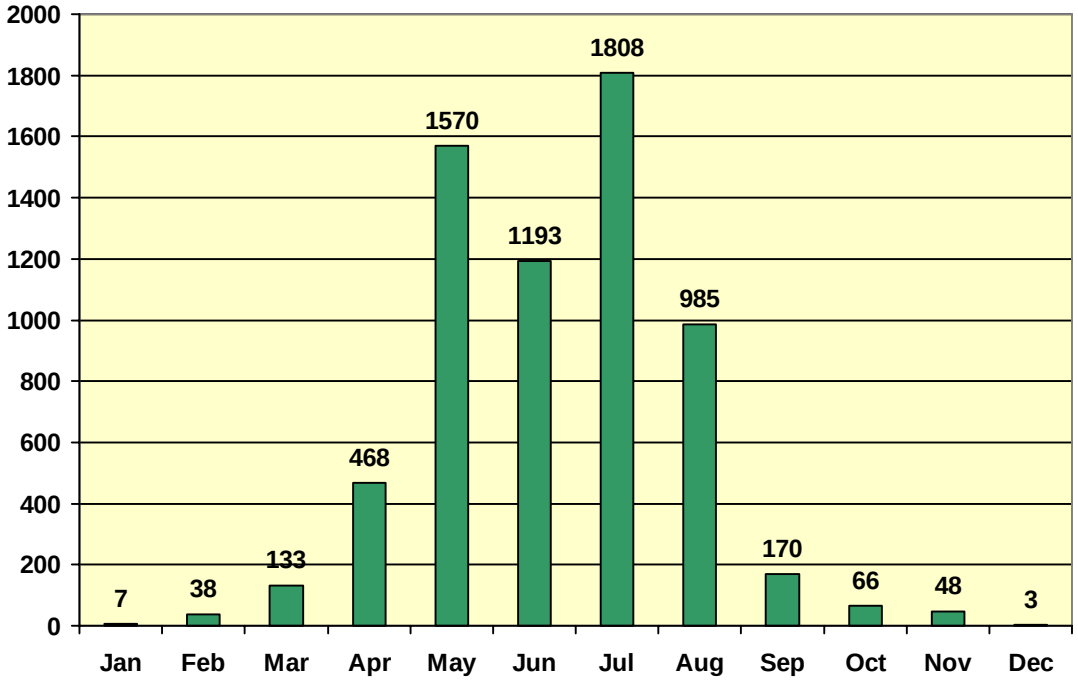
1.	Mat Ridley	1390 records
2.	Ian Morgan	1242 records
3.	Jon Baker	1205 records
4.	Sam Bosanquet	453 records
5.	Lee Walker	448 records
6.	Huw John	381 records
7.	Dave & Jan Bannister	278 records
8.	Martin Lovell	245 records
9.	Julian Wormald	218 records
10.	Simeon Jones	105 records

Also submitting records were: Barry & Sandra Stewart, Chris Manley, Colin Jones, David Poulter, David Groom & Faye Sharpley, Keith Williams, Melanie Collier, Tim Vale, Andrew Lucas, Bronwen & Daivd Wright, Isobelle Griffith, Bryan Jones, Cathie Hasler, Alastair Hotchkiss, Tony Lewis, Neil Harvey and Richard Pryce. Thank you to all.

DARK SPINACH *Pelurga comitata*

4. Records by Month

A second successive wet and windy summer dampened early enthusiasm. August especially was very poorly recorded, and from there on, interest fell off sharply.



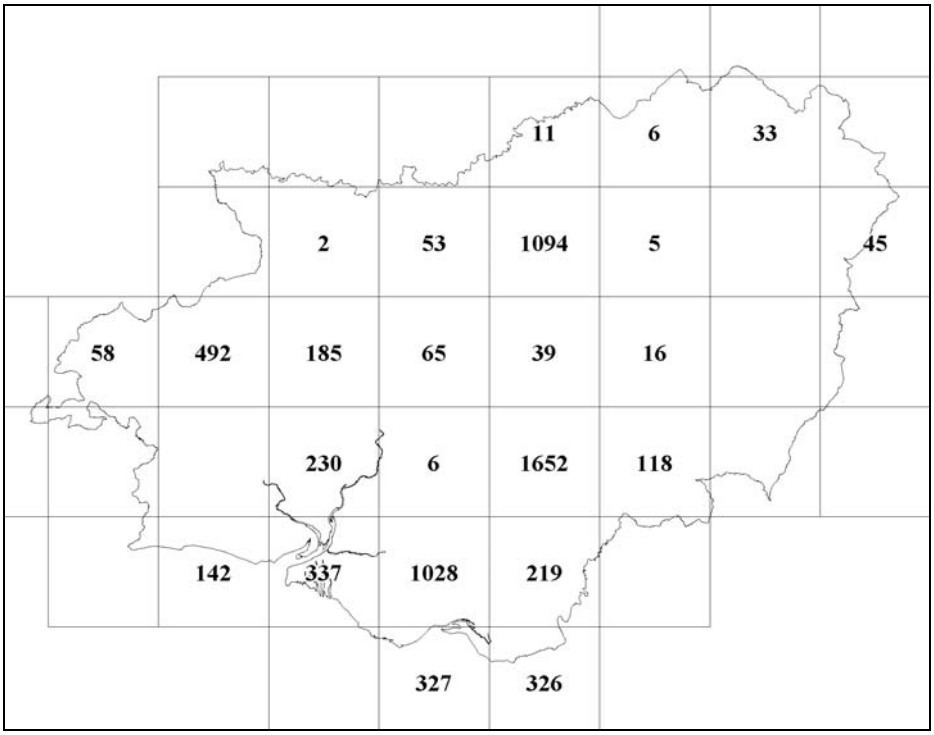
5. Most Frequently Recorded Species

The following is the most frequent by number of records, which does not take into account whether the record refers to an individual moth or multiple moths.

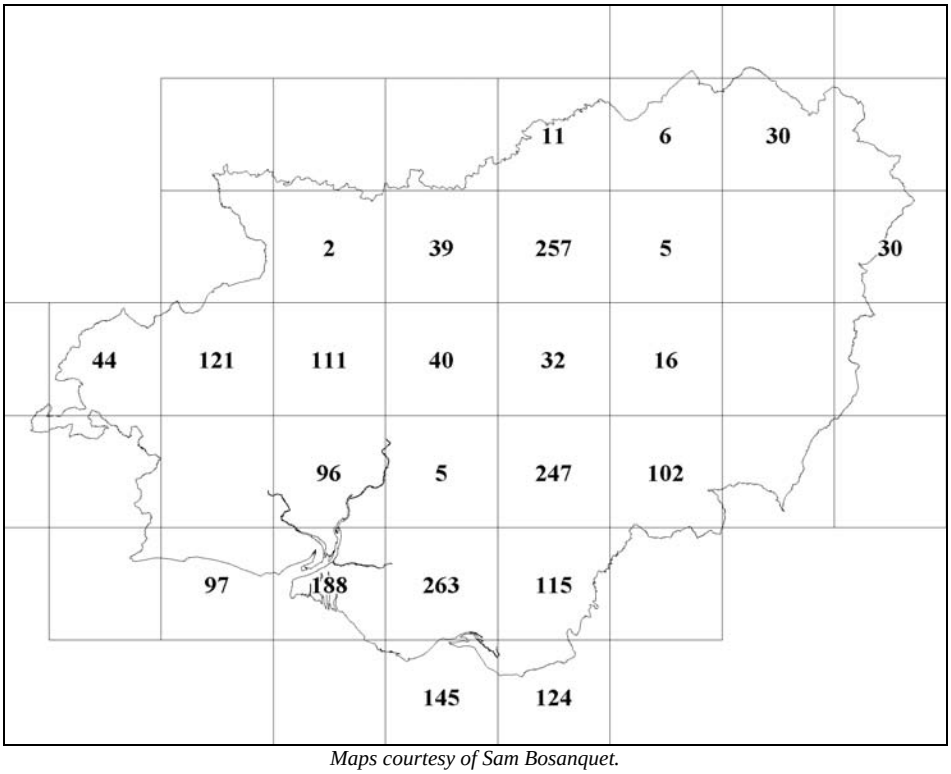
No.	English Name	RECORDS
2102	Flame Shoulder	147
1906	Brimstone Moth	117
1759	Small Phoenix	115
2107	Large Yellow Underwing	107
2190	Hebrew Character	97
2321	Dark Arches	84
1917	Early Thorn	83
1764	Common Marbled Carpet	79
1887	Clouded Border	65
2188	Clouded Drab	65
2187	Common Quaker	63
1776	Green Carpet	62
1738	Common Carpet	62
2089	Heart & Dart	62
2061	Buff Ermine	62

1722	Flame Carpet	60
1931	Peppered Moth	59
1981	Poplar Hawk-moth	57
1713	Riband Wave	57
2343.5	Common Rustic. agg	56
1947	Engrailed	54
1937	Willow Beauty	53
1920	Scalloped Hazel	51
1927	Brindled Beauty	50
1777	July Highflyer	49
2198	Smoky Wainscot	49
2008	Coxcomb Prominent	48
2003	Pebble Prominent	47
1640	Drinker	47
2450	Spectacle	47
1750	Water Carpet	46
2011	Pale Prominent	46
1728	Garden Carpet	46
1727	Silver-ground Carpet	46
2123	Small Square-spot	46
2289	Knot Grass	44
1921	Scalloped Oak	43
2160	Bright-line Brown-eye	43
1653	Buff Arches	42
2028	Pale Tussock	42
1958	Clouded Silver	42
2044	Dingy Footman	42
1994	Buff-tip	41
2126	Setaceous Hebrew Character	41
2182	Small Quaker	40
2381	Uncertain	40
1852	Brindled Pug	40
1724	Red Twin-spot Carpet	39
2441	Silver Y	38
2477	Snout	37
1742	Yellow Shell	37
1961	Light Emerald	37
1902	Brown Silver-line	37

6a. COVERAGE: Records by 10km square:



6b. COVERAGE: Species by 10km square:



Maps courtesy of Sam Bosanquet.

7. Extreme Dates

This is the complete list of all macro moth and honorary macro moth species recorded during 2008 in Carmarthenshire. It includes the extreme dates (first sighting and last sighting) in the imago stage, as well as the number of records received. The final column lists the historically earliest date in any given year that the species has been recorded in the county. Records that were broken in 2008 are highlighted in BLUE. **54 species out of 405** on the list broke or equalled the species record for emergence. This continues the trend of recent years, but not quite so dramatically as in the previous year, mainly due to the terrible weather. 2009 has seen most early Spring species, once again, breaking their emergence records.

No.	English Name	FIRST	LAST	RECORDS	EARLIEST
14	Ghost Moth	07/06/2008	17/07/2008	5	03/06/2000
15	Orange Swift	29/08/2008	29/08/2008	2	21/07/1993
16	Gold Swift	23/06/2008	03/07/2008	3	30/05/1995
17	Common Swift	17/05/2008	29/07/2008	11	30/04/2007
18	Map-winged Swift	27/05/2008	17/07/2008	15	27/05/2008
161	Leopard Moth	23/07/2008	23/07/2008	1	29/06/1992
163	Forester	03/06/2008	07/06/2008	2	03/06/2008
169	Six-spot Burnet	19/07/2008	02/08/2008	4	10/06/2007
1631	December Moth	04/11/2008	22/12/2008	7	03/11/1999
1634	Lackey	03/07/2008	02/08/2008	19	14/06/2007
1636	Grass Eggar	02/08/2008	02/08/2008	1	28/07/2001
1637	Oak Eggar	29/07/2008	02/08/2008	2	07/07/2005
1638	Fox Moth	23/05/2008	30/05/2008	4	30/04/2007
1640	Drinker	10/07/2008	23/08/2008	47	11/06/2007
1643	Emperor Moth	26/04/2008	07/05/2008	5	12/04/2007
1645	Scalloped Hook-tip	07/06/2008	04/08/2008	2	28/04/2007
1646	Oak Hook-tip	09/06/2008	21/08/2008	2	15/05/2007
1647	Barred Hook-tip	07/05/2008	07/05/2008	1	07/05/2008
1648	Pebble Hook-tip	20/04/2008	28/08/2008	24	14/04/2003
1651	Chinese Character	07/05/2008	27/08/2008	12	13/04/2007
1652	Peach Blossom	03/05/2008	29/08/2008	27	14/04/2007
1653	Buff Arches	20/06/2008	02/08/2008	42	19/05/1990
1654	Figure of Eighty	23/05/2008	09/06/2008	5	23/05/2008
1657	Common Lutestring	13/05/2008	23/06/2008	11	09/05/2000
1659	Yellow Horned	13/03/2008	03/04/2008	7	07/03/2007
1660	Frosted Green	03/04/2008	10/05/2008	16	01/04/2000
1661	Orange Underwing	31/03/2008	03/04/2008	5	31/03/2008
1663	March Moth	27/02/2008	13/05/2008	35	20/02/2007
1665	Grass Emerald	21/07/2008	27/07/2008	3	14/06/2003
1666	Large Emerald	07/07/2008	27/07/2008	9	18/06/2002
1669	Common Emerald	30/06/2008	02/08/2008	14	09/06/2007
1674	Little Emerald	29/05/2008	28/06/2008	6	16/05/1988
1681	Clay Triple-lines	23/05/2008	23/07/2008	4	04/05/2007
1682	Blood-vein	11/05/2008	29/08/2008	14	11/05/2008
1690	Small Blood-vein	23/06/2008	23/07/2008	4	06/06/2007
1692	Lesser Cream Wave	13/07/2008	27/07/2008	5	19/06/2007
1693	Cream Wave	07/06/2007	30/06/2008	5	16/04/2003
1702	Small Fan-footed Wave	30/06/2008	08/08/2008	31	14/06/2007
1708	Single-dotted Wave	09/06/2008	02/08/2008	24	09/06/2008
1709	Satin Wave	07/06/2008	23/06/2008	2	24/05/2004

1713	Riband Wave	21/05/2008	26/08/2008	57	21/05/2008
1718	Oblique Striped	23/05/2008	23/05/2008	1	23/04/1992
1719	Oblique Carpet	07/06/2008	29/08/2008	5	20/05/1995
1720	Gem	22/07/2008	22/07/2008	1	18/04/2003
1722	Flame Carpet	22/04/2008	08/09/2008	60	20/04/2007
1724	Red Twin-spot Carpet	02/05/2008	28/08/2008	39	11/04/2007
1725	Dark-barred Twin-spot Carpet	26/04/2008	07/09/2008	34	09/04/2007
1727	Silver-ground Carpet	17/05/2008	04/07/2008	46	02/05/2007
1728	Garden Carpet	26/04/2008	18/09/2008	46	26/04/2007
1732	Shaded Broad-bar	01/06/2008	29/08/2008	20	01/06/2008
1733	Lead Belle	30/05/2008	07/06/2008	2	25/05/2004
1734	July Belle	28/06/2008	28/06/2008	1	16/06/2007
1737	Small Argent and Sable	07/06/2008	07/06/2008	1	07/06/2008
1738	Common Carpet	03/05/2008	29/08/2008	62	15/04/2003
1740	Galium Carpet	25/07/2008	25/07/2008	1	03/07/2003
1742	Yellow Shell	26/05/2008	29/08/2008	37	18/05/2007
1746	Shoulder Stripe	13/03/2008	07/05/2008	31	05/02/1992
1747	Streamer	18/04/2008	10/05/2008	17	19/03/2003
1748	Beautiful Carpet	09/06/2008	11/07/2008	3	16/05/1988
1749	Dark Spinach	26/07/2008	02/08/2008	2	20/07/1993
1750	Water Carpet	02/04/2008	07/06/2008	46	13/03/1993
1751	Devon Carpet	12/05/2008	23/07/2008	5	21/04/2002
1752	Purple Bar	31/05/2008	29/08/2008	12	12/05/2005
1754	Phoenix	29/06/2008	28/08/2008	12	12/06/2007
1755	Chevron	28/07/2008	29/08/2008	3	06/07/1995
1756	Northern Spinach	23/06/2008	20/08/2008	20	29/05/2003
1758	Barred Straw	23/06/2008	02/08/2008	15	14/06/2007
1759	Small Phoenix	03/04/2008	17/09/2008	115	03/04/2008
1760	Red-green Carpet	11/10/2008	31/05/2008	18	05/09/2007
1762	Dark Marbled Carpet	02/08/2008	15/09/2008	10	06/07/2000
1764	Common Marbled Carpet	10/05/2008	18/10/2008	79	02/05/2007
1765	Barred Yellow	13/06/2008	22/07/2008	5	09/06/1993
1766	Blue-bordered Carpet	23/07/2008	23/07/2008	1	09/07/1992
1767	Pine Carpet	11/10/2008	11/10/2008	1	22/09/2006
1768	Grey Pine Carpet	05/05/2008	23/07/2008	4	05/05/2008
1769	Spruce Carpet	22/04/2008	26/11/2008	34	12/04/2003
1773	Broken-barred Carpet	05/05/2008	09/06/2008	13	15/04/2003
1775	Mottled Grey	22/02/2008	16/04/2008	9	22/02/2008
1776	Green Carpet	07/05/2008	18/09/2008	62	20/04/2002
1777	July Highflyer	23/06/2008	29/08/2008	49	08/06/2007
1778	May Highflyer	21/05/2008	07/06/2008	6	28/04/2007
1779	Ruddy Highflyer	13/05/2008	13/05/2008	1	24/04/2005
1784	Pretty Chalk Carpet	14/07/2008	06/08/2008	2	07/06/2004
1789	Scallop Shell	28/06/2008	28/06/2008	1	10/06/2007
1790	Tissue	17/10/2008	26/04/2008	2	02/08/1970
1793	Cloaked Carpet	29/07/2008	29/07/2008	2	10/07/2007
1795	November Moth	11/10/2008	06/11/2008	6	04/10/2007
1795.5	November Moth sp	11/10/2008	13/11/2008	8	29/09/2006
1796	Pale November Moth	11/10/2008	11/10/2008	1	11/10/2008
1797	Autumnal Moth	05/11/2008	05/11/2008	1	13/10/2007
1799	Winter Moth	21/11/2008	14/01/2008	10	11/11/2005

1802	Rivulet	07/05/2008	22/07/2008	9	04/05/2007
1803	Small Rivulet	04/06/2008	28/08/2008	14	01/06/1998
1804	Barred Rivulet	22/07/2008	02/08/2008	4	22/07/2008
1807	Grass Rivulet	23/05/2008	02/08/2008	10	12/05/2002
1808	Sandy Carpet	07/05/2008	25/07/2008	5	30/04/2007
1809	Twin-spot Carpet	10/06/2008	18/07/2008	8	05/06/1993
1811	Slender Pug	17/07/2008	27/07/2008	2	08/07/2002
1813	Haworth's Pug	21/07/2008	27/07/2008	3	18/07/2007
1816	Toadflax Pug	21/07/2008	28/08/2008	4	17/06/2005
1817	Foxglove Pug	11/05/2008	28/07/2008	14	28/04/2007
1819	Mottled Pug	26/04/2008	10/07/2008	18	26/04/2008
1825	Lime-speck Pug	05/05/2008	29/08/2008	23	05/05/2008
1827	Freyer's Pug	07/05/2008	20/06/2008	4	07/05/2008
1830	Wormwood Pug	19/07/2008	07/08/2008	10	26/05/2001
1832	Currant Pug	27/05/2008	29/05/2008	3	09/05/2002
1834	Common Pug	02/05/2008	21/07/2008	25	14/04/2007
1835	White-spotted Pug	08/05/2008	08/08/2008	3	20/04/2002
1837	Grey Pug	21/05/2008	29/06/2008	11	05/05/2007
1838	Tawny Speckled Pug	28/08/2008	30/08/2008	4	12/07/2006
1839	Bordered Pug	23/07/2008	23/07/2008	1	10/06/1973
1840	Shaded Pug	07/06/2008	07/06/2008	1	24/05/2001
1844	Ochreous Pug	23/05/2008	23/05/2008	1	06/05/2002
1846	Narrow-winged Pug	17/07/2008	17/07/2008	1	12/04/2007
1849	Ash Pug	04/06/2008	27/07/2008	3	24/05/2001
1851	Golden-rod Pug	13/05/2008	19/07/2008	2	24/04/2005
1852	Brindled Pug	22/02/2008	13/05/2008	40	22/02/2008
1853	Oak-tree Pug	05/05/2008	13/05/2008	7	14/04/2007
1856	Larch Pug	22/04/2008	07/06/2008	7	15/04/2003
1857	Dwarf Pug	10/05/2008	10/05/2008	1	03/05/2007
1858	V-Pug	03/04/2008	23/08/2008	34	03/04/2008
1860	Green Pug	30/06/2008	22/07/2008	4	06/06/2007
1862	Double-striped Pug	30/03/2008	30/08/2008	28	09/04/2007
1867	Treble-bar	28/05/2008	26/09/2008	6	07/05/2007
1872	Blomer's Rivulet	10/06/2008	23/07/2008	3	02/06/1974
1873	Welsh Wave	30/05/2008	07/06/2008	2	22/05/2007
1874	Dingy Shell	23/07/2008	23/07/2008	1	22/05/2004
1875	Small White Wave	09/05/2008	05/06/2008	8	02/05/2007
1876	Small Yellow Wave	23/07/2008	24/07/2008	2	04/06/2004
1877	Waved Carpet	09/06/2008	28/06/2008	3	22/05/2007
1879	Seraphim	23/05/2008	23/05/2008	1	16/05/1988
1881	Early Tooth-striped	28/03/2008	10/05/2008	33	16/03/1990
1882	Small Seraphim	07/05/2008	22/07/2008	11	30/04/2007
1883	Yellow-barred Brindle	22/04/2008	28/08/2008	19	19/04/2002
1884	Magpie	21/07/2008	21/08/2008	10	12/06/2007
1885	Clouded Magpie	28/06/2008	19/07/2008	7	02/06/1974
1887	Clouded Border	08/05/2008	15/08/2008	65	14/04/2007
1888	Scorched Carpet	20/05/2008	27/07/2008	8	16/04/2003
1890	Sharp-angled Peacock	07/05/2008	29/08/2008	26	11/04/2007
1893	Tawny-barred Angle	23/05/2008	28/08/2008	7	03/05/2007
1894	Latticed Heath	10/05/2008	21/08/2008	16	05/05/2007
1902	Brown Silver-line	03/04/2008	30/06/2008	37	03/04/2008

1903	Barred Umber	03/05/2008	31/05/2008	19	30/04/1999
1904	Scorched Wing	05/05/2008	09/06/2008	18	04/05/2007
1906	Brimstone Moth	20/04/2008	27/09/2008	117	11/04/2007
1907	Bordered Beauty	14/07/2008	19/08/2008	7	13/07/2003
1909	Speckled Yellow	18/05/2008	04/06/2008	4	18/04/2003
1910	Lilac Beauty	23/06/2008	23/06/2008	1	23/06/2008
1913	Canary-shouldered Thorn	24/07/2008	11/10/2008	12	15/07/2003
1914	Dusky Thorn	05/08/2008	18/09/2008	8	05/08/2008
1917	Early Thorn	22/02/2008	05/09/2008	83	22/02/2008
1919	Purple Thorn	22/04/2008	03/08/2008	19	03/04/1999
1920	Scalloped Hazel	22/04/2008	19/06/2008	51	08/04/2000
1921	Scalloped Oak	29/06/2008	15/08/2008	43	21/06/1992
1922	Swallow-tailed Moth	20/06/2008	02/08/2008	16	10/06/2007
1923	Feathered Thorn	03/11/2008	26/11/2008	11	30/09/1971
1926	Pale Brindled Beauty	06/02/2008	31/03/2008	9	04/11/1994
1927	Brindled Beauty	02/04/2008	11/05/2008	50	02/04/2008
1930	Oak Beauty	27/02/2008	11/05/2008	26	25/02/1971
1931	Peppered Moth	05/05/2008	04/08/2008	59	27/04/2007
1932	Spring Usher	07/02/2008	22/02/2008	4	02/02/1973
1933	Scarce Umber	26/11/2008	26/11/2008	2	08/11/1970
1934	Dotted Border	20/02/2008	10/05/2008	22	05/02/1992
1935	Mottled Umber	09/10/2008	13/01/2008	8	29/09/2007
1936	Waved Umber	26/04/2008	23/05/2008	10	16/04/2003
1937	Willow Beauty	27/05/2008	29/08/2008	53	02/05/2007
1940	Satin Beauty	07/06/2008	29/08/2008	9	07/06/2008
1941	Mottled Beauty	23/05/2008	23/07/2008	35	19/05/1999
1945	Brussels Lace	07/06/2008	23/07/2008	14	23/05/2007
1947	Engrailed	08/02/2008	20/08/2008	54	08/02/2008
1949	Square Spot	20/04/2008	13/06/2008	19	12/04/2003
1951	Grey Birch	25/04/2008	07/06/2008	10	11/04/2007
1952	Common Heath	22/04/2008	07/06/2008	14	19/04/2002
1954	Bordered White	07/06/2008	24/07/2008	5	27/04/1993
1955	Common White Wave	17/05/2008	02/08/2008	29	03/05/2007
1956	Common Wave	07/05/2008	28/08/2008	34	28/04/2007
1957	White-pinion Spotted	05/05/2008	09/06/2008	22	05/05/2007
1958	Clouded Silver	03/05/2008	27/07/2008	42	14/04/2007
1960	Early Moth	09/02/2008	22/02/2008	2	13/01/1992
1961	Light Emerald	30/05/2008	29/07/2008	37	19/05/2007
1962	Barred Red	07/06/2008	29/07/2008	5	26/05/1997
1964	Annulet	22/07/2008	22/07/2008	1	08/07/1975
1968	Yellow Belle	08/05/2008	18/09/2008	12	23/04/2003
1976	Privet Hawk-moth	07/06/2008	19/07/2008	12	02/05/2007
1979	Lime Hawk-moth	12/05/2008	30/06/2008	3	28/04/2007
1980	Eyed Hawk-moth	23/05/2008	23/07/2008	9	02/05/2007
1981	Poplar Hawk-moth	06/05/2008	08/08/2008	57	27/04/2007
1991	Elephant Hawk-moth	23/05/2008	28/07/2008	27	04/05/2007
1992	Small Elephant Hawk-moth	07/06/2008	02/08/2008	6	19/05/2004
1994	Buff-tip	17/05/2008	02/08/2008	41	21/04/2007
1995	Puss Moth	26/04/2008	07/06/2008	10	11/04/2007
1996	Alder Kitten	07/05/2008	07/05/2008	1	03/05/2007
1997	Sallow Kitten	07/05/2008	29/08/2008	18	16/04/2003

1999	Lobster Moth	05/05/2008	12/07/2008	18	14/04/2007
2000	Iron Prominent	02/05/2008	29/08/2008	30	11/04/2007
2003	Pebble Prominent	22/04/2008	19/08/2008	47	07/04/2007
2005	Great Prominent	03/04/2008	10/05/2008	11	03/04/2008
2006	Lesser Swallow Prominent	03/05/2008	28/08/2008	14	04/04/2002
2007	Swallow Prominent	23/04/2008	29/08/2008	12	11/04/2007
2008	Coxcomb Prominent	22/04/2008	26/08/2008	48	09/04/2003
2011	Pale Prominent	02/05/2008	23/08/2008	46	14/04/2003
2014	Marbled Brown	11/05/2008	09/06/2008	10	03/05/2007
2015	Lunar Marbled Brown	03/04/2008	27/05/2008	26	03/04/2008
2028	Pale Tussock	03/05/2008	23/06/2008	42	11/04/2007
2030	Yellow-tail	30/06/2008	06/08/2008	27	23/06/2007
2033	Black Arches	23/07/2008	07/09/2008	15	09/07/2003
2035	Round-winged Muslin	30/06/2008	02/08/2008	14	16/06/1989
2037	Rosy Footman	30/06/2008	28/08/2008	31	12/06/2007
2038	Muslin Footman	larva only	larva only	1	26/06/2007
2039	Red-necked Footman	17/06/2008	19/06/2008	2	12/05/2005
2040	Four-dotted Footman	07/06/2008	23/07/2008	4	04/06/2007
2043	Orange Footman	23/05/2008	23/05/2008	1	23/05/2008
2044	Dingy Footman	30/06/2008	28/08/2008	42	21/06/2007
2047	Scarce Footman	19/07/2008	02/08/2008	18	17/06/2005
2049	Buff Footman	12/07/2008	28/08/2008	21	23/06/2007
2050	Common Footman	16/07/2008	07/09/2008	17	26/06/2005
2051	Four-spotted Footman	22/07/2008	21/08/2008	6	09/07/2003
2057	Garden Tiger	06/07/2008	02/08/2008	14	21/06/2003
2060	White Ermine	04/05/2008	30/06/2008	35	20/04/2007
2061	Buff Ermine	20/05/2008	28/08/2008	62	04/05/2007
2063	Muslin Moth	07/05/2008	29/05/2008	9	08/04/2007
2064	Ruby Tiger	03/05/2008	29/08/2008	28	04/04/2007
2068	Scarlet Tiger	20/07/2008	20/07/2008	1	30/05/2007
2069	Cinnabar	08/05/2008	26/07/2008	25	09/04/2003
2076	Kent Black Arches	19/07/2008	19/07/2008	1	19/07/2008
2077	Short-cloaked Moth	19/07/2008	22/07/2008	3	01/06/1992
2078	Least Black Arches	05/05/2008	09/06/2008	17	14/04/2007
2081	White-line Dart	19/07/2008	02/08/2008	9	10/06/1990
2085	Archer's Dart	21/07/2008	29/08/2008	5	21/07/2008
2087	Turnip Moth	16/05/2008	29/08/2008	3	14/05/1997
2088	Heart & Club	27/05/2008	25/07/2008	6	27/05/2008
2089	Heart & Dart	16/05/2008	29/07/2008	62	21/04/2007
2090	Crescent Dart	02/08/2008	02/08/2008	1	07/07/2005
2091	Dark Sword Grass	03/04/2008	28/08/2008	17	23/03/1990
2092	Shuttle-shaped Dart	02/05/2008	21/08/2008	14	25/04/1997
2093	Sand Dart	27/07/2008	27/07/2008	1	28/05/2003
2098	Flame	21/05/2008	28/07/2008	31	21/04/2007
2102	Flame Shoulder	04/04/2008	18/09/2008	147	04/04/2008
2104	Northern Rustic	25/07/2008	25/07/2008	2	11/07/1986
2107	Large Yellow Underwing	27/05/2008	07/09/2008	107	12/05/2007
2109	Lesser Yellow Underwing	19/07/2008	14/09/2008	33	29/06/2003
2110	Bd-bdrd Yellow Underwing	25/07/2008	02/08/2008	4	25/06/2003
2111	Lsr Bd-bd Yellow Uwing	19/07/2008	30/08/2008	34	10/07/2007
2112	Least Yellow Underwing	19/07/2008	28/08/2008	14	24/06/2006

2114	Double Dart	12/07/2008	12/07/2008	1	06/06/2007
2117	Autumnal Rustic	07/09/2008	18/09/2008	3	30/07/1973
2118	True Lover's Knot	29/05/2008	20/08/2008	29	17/05/2007
2120	Ingrailed Clay	31/05/2008	18/07/2008	34	15/05/1995
2122	Purple Clay	31/05/2008	29/07/2008	30	23/05/1995
2123	Small Square-spot	16/05/2008	27/09/2008	46	12/05/2007
2126	Setaceous Hebrew Character	11/05/2008	11/10/2008	41	11/05/2008
2127	Triple-spotted Clay	23/06/2008	26/07/2008	11	15/06/1999
2128	Double Square-spot	24/06/2008	02/08/2008	36	01/06/1992
2130	Dotted Clay	11/07/2008	07/08/2008	11	01/07/1989
2132	Neglected Rustic	24/08/2008	26/08/2008	2	19/08/1991
2133	Six-striped Rustic	28/07/2008	23/08/2008	3	16/07/1970
2134	Square-spot Rustic	19/08/2008	18/09/2008	24	23/07/1971
2135	Heath Rustic	20/08/2008	26/08/2008	3	20/08/2008
2136	Gothic	19/07/2008	02/08/2008	3	24/06/2001
2138	Green Arches	07/06/2008	28/07/2008	12	25/05/2001
2139	Red Chestnut	22/02/2008	07/05/2008	16	13/02/1993
2140	White-marked	03/04/2008	05/05/2008	5	22/03/2007
2142	Beautiful Yellow Underwing	30/05/2008	04/06/2008	2	29/05/1984
2145	Nutmeg	24/06/2008	22/07/2008	3	12/05/2007
2147	Shears	19/06/2008	25/07/2008	4	04/05/1995
2150	Grey Arches	30/06/2008	02/08/2008	5	21/05/2007
2154	Cabbage Moth	17/05/2008	05/08/2008	4	23/04/2003
2155	Dot Moth	24/06/2008	02/08/2008	20	27/05/1999
2158	Pale-shouldered Brocade	03/05/2008	07/06/2008	11	03/05/2007
2159	Dog's Tooth	17/05/2008	27/07/2008	9	17/05/2008
2160	Bright-line Brown-eye	02/05/2008	28/08/2008	43	30/04/2007
2162	Glaucous Shears	23/05/2008	23/05/2008	1	01/05/1997
2163	Broom Moth	21/05/2008	04/09/2008	9	17/05/2007
2164	Broad-barred White	30/06/2008	30/06/2008	1	28/05/2003
2166	Campion	21/05/2008	05/06/2008	3	21/04/2007
2173	Lychnis	11/05/2008	21/08/2008	16	30/04/1990
2176	Antler Moth	16/07/2008	23/08/2008	7	14/06/1973
2177	Hedge Rustic	28/08/2008	28/08/2008	1	11/08/2007
2178	Feathered Gothic	23/08/2008	07/09/2008	5	19/08/2003
2179	Pine Beauty	25/04/2008	23/05/2008	4	25/03/2005
2182	Small Quaker	14/03/2008	13/05/2008	40	08/03/1999
2186	Powdered Quaker	03/04/2008	11/05/2008	8	31/03/1990
2187	Common Quaker	07/02/2008	13/05/2008	63	07/02/2008
2188	Clouded Drab	29/02/2008	21/05/2008	65	29/02/2008
2189	Twin-spotted Quaker	24/03/2008	07/05/2008	35	04/03/1993
2190	Hebrew Character	23/01/2008	30/05/2008	97	23/01/2008
2191	Double Line	10/06/2008	28/07/2008	30	01/06/1992
2192	Brown-line Bright-eye	21/07/2008	27/07/2008	2	29/06/2005
2193	Clay	24/06/2008	06/08/2008	33	06/06/2007
2196	Striped Wainscot	28/06/2008	22/07/2008	5	10/06/1989
2197	Southern Wainscot	11/07/2008	02/08/2008	13	24/06/2006
2198	Smoky Wainscot	01/06/2008	18/09/2008	49	01/06/2008
2199	Common Wainscot	11/07/2008	23/07/2008	4	04/06/2000
2201	Shore Wainscot	27/07/2008	27/07/2008	1	06/06/2004
2203	White-speck	02/08/2008	02/08/2008	1	24/07/1997

2204	Obscure Wainscot	28/06/2008	28/06/2008	1	31/05/2003
2205	Shoulder-striped Wainscot	05/06/2008	30/06/2008	3	23/05/1998
2221	Mullein	16/05/2008	17/05/2008	3	23/04/2003
2225	Minor Shoulder-knot	01/06/2008	29/07/2008	11	01/06/2008
2232	Black Rustic	14/09/2008	17/10/2008	4	08/09/1992
2236	Pale Pinion	11/10/2008	23/04/2008	8	23/09/2006
2237	Grey Shoulder-knot	17/10/2008	05/05/2008	3	17/10/2008
2240	Blair's Shoulder-knot	28/09/2008	28/09/2008	1	23/09/2006
2241	Red Sword-grass	no Autumn	26/04/2008	2	06/10/2005
2243	Early Grey	05/03/2008	20/05/2008	28	02/03/1993
2245	Green-brindled Crescent	13/09/2008	18/10/2008	7	13/09/2008
2247	Merveille du Jour	11/10/2008	11/10/2008	1	23/09/2006
2252	Large Ranunculus	14/09/2008	28/09/2008	3	07/09/2004
2255	Feathered Ranunculus	17/10/2008	17/10/2008	1	17/09/1992
2256	Satellite	no Autumn	22/02/2008	2	17/10/2006
2258	Chestnut	27/09/2008	05/05/2008	31	17/09/2006
2262	Brick	10/10/2008	13/11/2008	5	13/09/2006
2263	Red-line Quaker	25/09/2008	26/11/2008	10	17/09/2006
2264	Yellow-line Quaker	07/10/2008	13/11/2008	9	30/09/1995
2265	Flounced Chestnut	18/09/2008	18/10/2008	4	15/09/2003
2269	Centre-barred Sallow	28/08/2008	07/09/2008	3	19/08/1996
2270	Lunar Underwing	11/10/2008	11/10/2008	1	11/09/1992
2273	Pink-barred Sallow	07/09/2008	11/10/2008	11	24/08/1989
2274	Sallow	14/09/2008	27/09/2008	4	12/08/2004
2280	Miller	21/05/2008	26/07/2008	7	21/05/2008
2281	Alder Moth	07/05/2008	09/06/2008	8	28/04/2007
2283	Dark Dagger	23/05/2008	23/05/2008	1	23/05/2008
2283.5	Dagger sp.	04/06/2008	23/07/2008	5	05/05/2007
2284	Grey Dagger	11/05/2008	23/06/2008	3	05/05/2007
2286	Light Knot Grass	07/06/2008	07/06/2008	1	07/06/2008
2289	Knot Grass	25/04/2008	30/08/2008	44	14/04/2003
2291	Coronet	31/05/2008	26/07/2008	12	04/05/2007
2293	Marbled Beauty	17/07/2008	27/07/2008	3	20/06/1998
2295	Marbled Green	28/07/2008	28/07/2008	1	16/07/2007
2297	Copper Underwing (+ agg.)	02/08/2008	27/09/2008	21	14/07/2007
2298	Svensson's C. Underwing	02/08/2008	05/08/2008	4	14/07/2007
2300	Old Lady	08/08/2008	28/08/2008	3	01/08/1985
2302	Brown Rustic	20/05/2008	28/06/2008	14	15/05/2007
2305	Small Angle Shades	15/05/2008	28/08/2008	20	09/05/2000
2306	Angle Shades	03/04/2008	11/10/2008	29	12/02/2006
2311	Double Kidney	17/07/2008	30/08/2008	9	07/07/2005
2312	Olive	26/07/2008	02/08/2008	2	23/07/2007
2318	Dun-bar	11/07/2008	23/08/2008	21	23/06/2007
2321	Dark Arches	09/06/2008	29/08/2008	84	22/05/2007
2322	Light Arches	23/06/2008	02/08/2008	9	06/06/2007
2326	Clouded-bordered Brindle	07/05/2008	23/07/2008	24	03/05/2007
2327	Clouded Brindle	28/07/2008	28/07/2008	1	10/06/2007
2329	Confused	26/07/2008	26/07/2008	1	26/07/2008
2330	Dusky Brocade	09/06/2008	12/07/2008	4	16/05/2004
2331	Small Clouded Brindle	28/06/2008	28/06/2008	1	15/05/2007
2334	Rustic Shoulder-knot	11/05/2008	07/06/2008	4	06/05/2002

2335	Slender Brindle	28/06/2008	15/08/2008	8	28/06/2008
2336	Double Lobed	19/07/2008	02/08/2008	3	28/06/1993
2337	Marbled Minor	11/05/2008	30/06/2008	9	11/05/2008
2337.5	Minor sp.	23/05/2008	29/07/2008	29	11/05/2008
2338	Rufous Minor	30/05/2008	12/07/2008	6	22/05/2007
2339	Tawny Marbled Minor	13/06/2008	13/06/2008	1	24/05/2003
2340	Middle-barred Minor	30/05/2008	28/07/2008	10	23/05/2007
2341	Cloaked Minor	15/07/2008	07/08/2008	11	24/06/2001
2342	Rosy Minor	19/07/2008	29/08/2008	7	12/06/2007
2343.5	Common Rustic. agg	29/06/2008	29/08/2008	56	01/06/1993
2345	Small Dotted Buff	11/07/2008	23/08/2008	2	05/06/2007
2350	Small Wainscot	27/07/2008	25/09/2008	10	21/07/2007
2353	Flounced Rustic	20/08/2008	18/09/2008	14	02/07/2007
2357	Large Ear	23/07/2008	23/07/2008	2	21/07/2007
2360	Ear Moth	19/07/2008	02/08/2008	6	15/07/2006
2360.5	Ear sp.	02/08/2008	28/08/2008	2	15/07/2006
2361	Rosy Rustic	23/07/2008	14/09/2008	14	14/07/2007
2364	Frosted Orange	26/08/2008	11/10/2008	10	24/08/2003
2368	Crescent	28/08/2008	28/08/2008	1	07/07/1989
2369	Bulrush Wainscot	06/08/2008	06/08/2008	1	08/07/2003
2371	Brown-veined Wainscot	27/07/2008	27/07/2008	1	17/06/1989
2373	Webb's Wainscot	02/08/2008	06/08/2008	2	14/07/2007
2375	Large Wainscot	17/09/2008	17/09/2008	1	30/08/2005
2379	Small Rufous	23/07/2008	29/08/2008	9	26/06/2005
2380	Treble Lines	07/05/2008	07/06/2008	22	21/04/2007
2381	Uncertain	20/06/2008	30/08/2008	40	28/05/2003
2382	Rustic	28/06/2008	02/08/2008	13	18/06/2005
2384	Vine's Rustic	23/05/2008	18/09/2008	10	15/05/2007
2387	Mottled Rustic	31/05/2008	26/07/2008	8	24/05/2004
2389	Pale Mottled Willow	01/06/2008	11/07/2008	2	23/05/1998
2397	Small Yellow Underwing	07/05/2008	07/06/2008	3	07/05/2008
2399	Bordered Sallow	07/06/2008	27/07/2008	5	31/05/2007
2410	Marbled White Spot	23/05/2008	12/09/2008	24	14/05/2000
2421	Scarce Silver Lines	23/07/2008	23/07/2008	1	07/06/2007
2422	Green Silver Lines	07/06/2008	30/06/2008	5	12/05/2000
2423	Oak Nycteoline	03/04/2008	28/08/2008	4	not defined
2425	Nut-tree Tussock	22/04/2008	05/08/2008	32	21/03/1971
2434	Burnished Brass	16/06/2008	21/08/2008	12	07/06/2007
2435	Scarce Burnished Brass	19/07/2008	26/07/2008	3	21/06/2003
2439	Gold Spot	23/05/2008	18/09/2008	22	30/04/2007
2441	Silver Y	09/05/2008	18/10/2008	38	01/02/2003
2442	Beautiful Golden Y	07/06/2008	23/07/2008	16	26/05/2004
2443	Plain Golden Y	30/06/2008	26/07/2008	9	16/05/1988
2444	Gold Spangle	21/07/2008	22/07/2008	2	18/06/1999
2449	Dark Spectacle	27/05/2008	26/07/2008	7	16/05/2006
2450	Spectacle	26/04/2008	28/08/2008	47	26/04/2008
2452	Red Underwing	29/08/2008	29/08/2008	1	25/08/2005
2462	Mother Shipton	19/05/2008	07/06/2008	6	04/05/2007
2463	Burnet Companion	14/05/2008	07/06/2008	5	14/05/2008
2466	Blackneck	24/06/2008	02/08/2008	6	01/06/1992
2469	Herald	not defined	not defined	24	not defined

2470	Small Purple-barred	29/05/2008	02/08/2008	4	18/05/1993
2474	Straw Dot	23/05/2008	18/09/2008	33	12/05/2007
2476	Beautiful Snout	09/06/2008	09/06/2008	1	22/05/2007
2477	Snout	07/06/2008	11/10/2008	37	26/05/2001
2484	Pinion-streaked Snout	30/06/2008	14/09/2008	8	25/05/2005
2485	Marsh Oblique-barred	28/07/2008	28/07/2008	1	07/07/1975
2489	Fan-foot	30/06/2008	26/07/2008	9	05/06/2007
2492	Small Fan-foot	09/06/2008	02/08/2008	16	15/05/2007

HIGHLIGHTS

The following are the most notable records made during the year. Apologies for the species accounts changing format from longhand to table form part way through. This is down to time considerations. Sorry if it's not to anyone's liking. It's the same information, just easier for me to present!

161 LEOPARD MOTH *Zeuzera pyrina*
Caught at Glynhir Mansion (SN6315) on 23rd July, the 9th county record (Barry Stewart et al).

163 FORESTER *Adscita statices*
Seen by day on 3rd June in the Gelli area of Rhydcymerau (SN5739) by Julian Wormald. Fourteen previous county records.

588 *Coleophora salicorniae*
Caught, and identified from gen. det. by JSB at Pembrey Saltings (SS4299) on 27th July. The first county record.

924 *Hysterophora maculosana*
Netted by day by Sam Bosanquet at Cnwc y Llwyn, Brechfa (SN5131) on 1st June. The first county record. Lives on bluebells *Hyacinthoides non-scripta*.

1239 *Pammene rhediella*
Found by day at two sites at Cnwc, Brechfa (SN5131), by Sam Bosanquet on 14th May. Photographed. The first county record.

1442 *Pempelia palumbella*
Caught on 28th June and 10th July near Ty-llwyd (SN5706) by Ian Morgan. Photographed for confirmation. The first county records.

1479 INDIAN MEAL MOTH *Plodia interpunctella*
Following on from last year's first county record at Penclacwydd (SS532985) one was caught indoors by Sam Bosanquet at Cnwc, Brechfa (SN5131), on 27th February, shortly after purchasing some bird food imported from China.

1647 BARRED HOOK-TIP *Watsonalla cultraria*
Recorded in 2007 for the first time since 1971, there was another record this year from the National Botanical Gardens of Wales (SN5218) with two caught on 7th May (JSB et al.). Photographed. Lives on beech *Fagus sylvatica*.

1661 ORANGE UNDERWING *Archiearis parthenias*
Three previous county records. A perfect set of conditions, and the observer effort between 31st March and 3rd April resulted in five good records of this elusive species, including dozens seen fluttering around birches at Pembrey (SN3803) by JSB, a site I have *very* specifically looked for them at in previous years, on many occasions. This would suggest they have a very narrow flight period, and conditions need to be just right, as they were this time. Also recorded at Abernant, Brechfa (SN5838) by Julian Wormald, and by Ian Morgan at Cencoed-Uchaf (SN4803) and near Ty-llwyd (SN5706). Still no one has managed a photo of one.

1720 GEM *Orthonama obstipata*
The 20th county record. Caught at Rhydcymerau (SN5739) by Martin Lovell on 27th July. A female, photographed. Unusual, given the lack of any other migration.

1733 LEAD BELLE *Scotopteryx mucronata*
There were two records this year, on 30th May seen by Sam Bosanquet at Figyn Forestry Bog (SN5529) and three seen on 7th June by Martin Lovell at Banc Melyn, Brechfa (SN5440). There are seven previous non-Rothamsted records on file.

1734 JULY BELLE *Scotopteryx luridata*
There are thirteen previous records on the county database. There was one sighting this year, at Glanrhyd (SN5030) on 28th June by Dave and Jan Bannister.

1740 GALIUM CARPET *Epirrhoe galiata*
Fifteen previous records. Two seen at Pal-y-cwrt (SN6718) by Ian Morgan on 25th July. A local species in the county, and under-recorded.

1749 DARK SPINACH *Pelurga comitata*
Just four previous records. Seven caught on 26th July by Ian Morgan nr. Llanelli (SN5298), and one caught by JSB et al at Pendine (SN3007) on 2nd August are the first records of this species for several years. Photographed.

1767 PINE CARPET *Thera firmata*
Fourteen previous records . One caught at Cnwc y Llwyn (SN5131) by Sam Bosanquet on 11th October. The lack of recording in October was the probable reason there were not more records.

1779 RUDDY HIGHFLYER *Hydriomena ruberata*
Caught at Rhydcymerau (SN5739) by Martin Lovell on 13th May. There are ten previous county records, and though the species is fairly common at Pembrey, it seems very scarce elsewhere.

1784 PRETTY CHALK CARPET *Melanthia procellata*
Seen on the 14th July and 6th August by Mat Ridley at Carmel Woods (SN5816).Lives on traveller's-joy *Clematis vitalba*, there are nine previous county records.

1790 TISSUE *Triphosa dubitata*
With just one previous record from the early 90s, this is a real rarity in the county. So two sightings in the Carmel area by Mat Ridley were excellent, and a highlight of the year. One caught on 26th April at SN5816 and also one on 17th October at SN5916. Photographed.

1793 CLOAKED CARPET *Euphyia biangulata*
This species only made it onto the main county list in 2007. I received two more records during 2008, two on 29th July at Allt Sgrach (SN8439) and one on the same night at Coed Oeron (SN8338), both seen by Bryan Jones, visiting from Breconshire.

1804 BARRED RIVULET *Perizoma bifasciata*
Had only previously been seen at Pembrey (six times) so some records from other sites are good news. One on 22nd July nr Burry Port (SN4600, Ian Morgan) , at Glynhir Mansion (SN6315) on 23rd July (Barry Stewart et al), and on 2nd August at Pendine, with three at SN3007 and one at SN2807 (JSB et al.).

1813 HAWORTH'S PUG *Eupithecia haworthiata*
Six previous records. Very local on traveller's-joy *Clematis vitalba.*

21/07/2008	2	Pembrey Burrows	SS4299	Jon Baker
23/07/2008	n/c	Glynhir Mansion	SN639151	Barry Stewart
27/07/2008	8	Pembrey Burrows	SS4299	Jon Baker

1839 BORDERED PUG *Eupithecia succenturiata*
Nine previous records. Lives on mugwort *Artemisia vulgaris***.**

23/07/2008	1	Pembrey , P.O.	SN4201	Huw John

1844 OCHREOUS PUG *Eupithecia indigata*
Eight previous records, of which seven are from Pembrey. Lives on conifers.

23/05/2008	3	Pembrey Forest	SN3803	Jon Baker, Lee Walker

1872 BLOMER'S RIVULET *Discoloxia blomeri*
Six previous records. Lives on wych elm *Ulmus glabra*. **Nationally Scarce B.**

10/06/2008	1	Garn (Wild Cherry Wood)	SN592161	Mat Ridley
14/07/2008	1	Carmel Woods	SN592161	Mat Ridley
23/07/2008	n/c	Glynhir Mansion	SN639151	Barry Stewart

1879 SERAPHIM *Lobophora halterata*
Three previous records. Lives on various poplars, mainly aspen *Populus tremula*.

23/05/2008	1	Pembrey Forest	SN3803	Jon Baker, Lee Walker

1964 ANNULET *Charissa obscurata*
A very local species of coast, heath and upland, there have been just seven previous records. Various foodplants.

22/07/2008	2	Carmel Woods	SN591162	Mat Ridley

1979 LIME HAWK-MOTH *Mimas tiliae*
All eight previous records are from Ian Morgan since 2005, in the Llanelli coastal area. Given that lime *Tilia* is not especially common in the area, Ian hypothesises that elm *Ulmus* may be the foodplant here.

12/05/2008	1	Tyrwaun, Pwll	SN469013	Ian Morgan
29/05/2008	1	Stradey Woods	SN488018	Ian Morgan
30/06/2008	1	Cilymaenllwyd, Pwll	SN474016	Ian Morgan

1996 ALDER KITTEN *Furcula bicuspis*
Eleven previous county records. Lives on alder and birches.

07/05/2008	1	Tyrwaun, Pwll	SN469013	Ian Morgan

2038 MUSLIN FOOTMAN *Nudaria mundana*
A larval record from a new location in the county. All six previous county records were from Gelli Aur area.

25/04/2008	larva	Railsgate Pill	SN290094	Barry Stewart

2043 ORANGE FOOTMAN *Eilema sororcula*
Recorded in 2005 and 2006 in Pembrey Forest, and in 2007 along the coast at Pwll (SN4601).

23/05/2008	2	Pembrey Forest	SN3803	Jon Baker, Lee Walker

2051 FOUR-SPOTTED FOOTMAN *Lithosia quadra*
Nineteen previous records. Now firmly established and spreading.

22/07/2008	2	Ashpits Pond, N of	SN462012	Ian Morgan
24/07/2008	2	Tyrwaun, Pwll	SN469013	Ian Morgan
27/07/2008	1	Pembrey Burrows	SS4299	Jon Baker
02/08/2008	2	Tyrwaun, Pwll	SN469013	Ian Morgan
05/08/2008	1	Tyrwaun, Pwll	SN469013	Ian Morgan
21/08/2008	1	Tyrwaun, Pwll	SN469013	Ian Morgan

2076 KENT BLACK ARCHES *Nola albula*
The first county record. Lives on dewberry, bramble, raspberry and wild strawberry on the coast. **Nationally Scarce B.**

19/07/2008	1	Pendine MOD, Fen Orchid Lane	SN3007	Jon Baker, et al

2090 CRESCENT DART *Agrotis trux*
Nine previous records.

02/08/2008	1	Erw Las, Llwynhendy	SS535993	Ian Morgan

2104 NORTHERN RUSTIC *Standfussiana lucernea*
The Four previous records of which three were in 2007. Recorded in two different traps on the same night up at Pal-y-cwrt.

25/07/2008	2	Pal-y-cwrt	SN678183	Ian Morgan
25/07/2008	3	Pal-y-cwrt	SN684184	Ian Morgan

2135 HEATH RUSTIC *Xestia agathina*
Five previous records of which four were in 2007.

20/08/2008	3	Llyn Llech Owain CP	SN570154	Mat Ridley
24/08/2008	1	Garn-big, Carmel	SN585157	Ian Morgan
26/08/2008	13	Ty-Llwyd, SW of	SN577063	Ian Morgan

2140 WHITE-MARKED *Cerastis leucographa*
Ten previous county. There are also at least nineteen Rothamsted records.

03/04/2008	1	Nantgwyn	SN365238	Jon Baker
03/04/2008	1	Bryn Llinos, Carmel	SN589167	Mat Ridley
03/04/2008	3	Cnwc y Llwyn	SN515311	Sam Bosanquet
23/04/2008	n/c	Gelli Isaf, Rhydcymerau	SN5739	Martin Lovell
05/05/2008	1	Cnwc y Llwyn	SN515311	Sam Bosanquet

2142 BEAUTIFUL YELLOW UNDERWING *Anarta myrtilli*
There are seven previous county records of this day-flying species.

30/05/2008	1	Figyn Common main bog	SN557302	Sam Bosanquet
04/06/2008	1	Mynydd Figyn	SN586300	Sam Bosanquet

2145 NUTMEG *Discestra trifolii*
There are ten previous county records of this species: all coastal in the SE corner of the county. Perhaps increasing.

24/06/2008	1	Ashpits Pond, N of	SN462012	Ian Morgan
21/07/2008	1	Pembrey Burrows	SS4299	Jon Baker
22/07/2008	1	Dyfatty Park, wasteground near	SN457009	Ian Morgan, det: JSB

2162 GLAUCOUS SHEARS *Papestra biren*
Previous county records: just five from SN53, SN61, SN71 and SN32, with at least 15 Rothamsted records (13 from SN74 and 2 from SN23).

23/05/2008	n/c	Gelli Isaf, Rhydcymerau	SN5739	Martin Lovell

2204 OBSCURE WAINSCOT *Mythimna obsoleta*

Twenty previous records, almost all from the south-east coastal area.

28/06/2008	1	Berwick roundabout, E of	SS553986	Ian Morgan, det: JSB

2237 GREY SHOULDER-KNOT *Lithophane ornitopus*
A scarce species in the county that appears in Autumn, and reappears after hibernation in Spring. Seven previous records.

05/05/2008	1	Cnwc y Llwyn	SN515311	Sam Bosanquet
17/10/2008	1	Garn - big quarry	SN591162	Mat Ridley
26/11/2008	1	Garn - herb paris patch	SN589163	Mat Ridley

2252 LARGE RANUNCULUS *Polymixis flavicincta*
Nineteen previous records, nearly all from the south-eastern coastal area.

14/09/2008	1	Tyrwaun, Pwll	SN469013	Ian Morgan
18/09/2008	1	Dyfatty Park, wasteground near	SN457009	Ian Morgan
28/09/2008	1	Tyrwaun, Pwll	SN469013	Ian Morgan

2255 FEATHERED RANUNCULUS *Polymixis lichena*
Four previous records, all previous records being from the south-western coastal area.

17/10/2008	1	Tyrwaun, Pwll	SN469013	Ian Morgan

2256 SATELLITE *Eupsilia transversa*
Fifteen previous records, of this elusive hibernating species.

08/02/2008	1	Brechfa Village, West of	SN503302	D & J Bannister
22/02/2008	1	Cnwc y Llwyn	SN515311	Sam Bosanquet

2286 LIGHT SHOULDER-KNOT *Acronicta menyanthidis*
Three previous records. A reminder that any claims still need good photographic proof.

07/06/2008	1	Gelli Isaf, Rhydcymerau	SN5739	Martin Lovell

2300 OLD LADY *Mormo maura*
There are thirteen previous county records of this elusive species.

08/08/2008	1	14 Job's Well Rd, Johnstown	SN398198	Jon Baker
19/08/2008	1	Glanrhyd, Brechfa	SN503302	D & J Bannister
28/08/2008	1	Pembrey Post Office	SN4201	Huw John

2312 OLIVE *Ipimorpha subtusa*
Fourteen previous records.

26/07/2008	1	Morfa'r ynys Farm, Llanelli	SS521989	Ian Morgan
02/08/2008	1	Erw Las, Llwynhendy	SS537993	Ian Morgan

2327 CLOUDED BRINDLE *Apamea epomidion*
Seven previous records. Lives on various grasses and is surprisingly uncommon in the county.

28/07/2008	1	Garn-big, Carmel	SN585157	Ian Morgan, det: JSB

2329 CONFUSED *Apamea furva britannica*
Very tricky to identify, so records need to be properly backed up with photographs. Three previous records, two of which were in 2007.

26/07/2008	1	Ty-Llwyd, SW of	SN577063	Ian Morgan

2331 SMALL CLOUDED BRINDLE *Apamea unanimis*
Just ten previous records of this very local species. I really would urge photographic proof, as this is not an easy species to identify. On this occasion I have decided to accept the record.

28/06/2008	n/c	Glanrhyd, Brechfa	SN503302	D & J Bannister

2336 DOUBLE LOBED *Apamea ophiogramma*
Eight previous county records (plus one Rothamsted record). Lives in damp environments where reed canary-grass *Phalaris arundinacea* and reed sweet-grass *Glyceria maxima* grow.

19/07/2008	2	Pembrey Post Office	SN4201	Huw John
27/07/2008	1	14 Job's Well Rd, Johnstown	SN398198	Jon Baker
02/08/2008	1	Erw Las, Llwynhendy	SS535993	Ian Morgan

2357 LARGE EAR *Amphipoea lucens*
Dissection of ears continues to record this species in the county. Six previous records.

23/07/2008	1	Llangennech	SN566013	Ian Morgan, det: JSB
06/08/2008	1	Ty-Llwyd, SW of	SN577063	Ian Morgan, det: JSB

2371 BROWN-VEINED WAINSCOT *Archanara dissoluta*
Nineteen previous records, mainly from the Pembrey area.

27/07/2008	1	Pembrey Burrows	SS4299	Jon Baker

2372 WEBB'S WAINSCOT *Archanara sparganii*
Twelve previous county records. All have come from SN30, SN40 and SS59. The Pendine record is therefore a new 10km square and the first from the western coast.

02/08/2008	1	Pendine MOD, Witchett Pool Lane	SN2807	Jon Baker, et al
06/08/2008	4	Berwick Farm, SW of	SS545986	Ian Morgan

2435 SCARCE BURNISHED BRASS *Diachrysia chryson*
Twenty-six previous records, nearly all from the south-east. **Nationally Rare A**. Lives on hemp agrimony *Eupatorium cannabinum*.

19/07/2008	3	Pendine MOD, Witchett Pool Lane	SN2807	Jon Baker, et al
25/07/2008	1	Pembrey Post Office	SN4201	Huw John
26/07/2008	1	Glynhir Mansion	SN641151	B & D Wright

2452 RED UNDERWING *Catocala nupta*
Four previous records (in 2005-6). Seems to (hopefully) be spreading west.

29/08/2008	1	Tyrwaun, Pwll	SN469013	Ian Morgan

2470 SMALL PURPLE-BARRED *Phytometra viridaria*
Seventeen previous county records. IKM would like me to correct what I said in an earlier report (that Sam's record was the first inland county record) having brought my attention to a previous record of his.

29/05/2008	1	Pwllau Cochion	SN499266	Sam Bosanquet
21/07/2008	1	Pembrey Burrows	SS4299	Jon Baker
27/07/2008	1	Pembrey Burrows	SS4299	Jon Baker
02/08/2008	1	Pendine MOD, Fen Orchid Lane	SN3007	Jon Baker, et al

2485 MARSH OBLIQUE-BARRED *Hypenodes humidalis*
Eighteen previous county records of this funny little species that can be overlooked so easily as a boring "micro".

28/07/2008	11	Garn-big, Carmel	SN585157	Ian Morgan

THANK YOU TO ALL WHO MADE THIS REPORT POSSIBLE. GOOD LUCK FOR 2009, AND KEEP YOUR RECORDS COMING IN. REMEMBER…. IT SHOULD BE A GOOD YEAR FOR MIGRANT MOTHS (every third year…)

JON BAKER, March 2009.