

Dorset Moth Group

***Newsletter
Number 23***



***April
2010***

**Kent Black Arches
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Editorial

The Future of the Dorset Moth Group

Readers will recall my request in the last newsletter for assistance with it's production and to put the Group onto a more substantial and formal footing. I received one response and that was apologetic, but negative. This complete lack of interest and enthusiasm gives me no choice but to announce that this will be last newsletter which will be produced. It is depressing to find that while so many counties have thriving, well organised, active moth groups, Dorset is notable for it's apathy.

Terry Box has agreed to continue to run our very successful and respected website. I encourage you all to send Terry your daily records of interesting moths. In future years the two spring reports on the previous year's records in Dorset, produced by the County Recorders, Peter Davey and Phil Sterling, will be published on the website.

I have made arrangements for all the Group's assets to be transferred to the Dorset Branch of Butterfly Conservation who will continue to fund the website. The Group's bank account will be closed following production of this newsletter.

Will you please not send me any more cheques to cover annual subscriptions and will those with standing orders please please inform their own bank that these should be cancelled with immediate effect.

Gordon Hopkins

MACROLEPIDOPTERA REPORT – 2009 SEASON

by Peter Davey

Records were gratefully received from the following recorders:

RA	Richard Adams	RJ	Roger James
JB	Jan Baker	R&LL	Richard and Lyn Lambert
PB-J	Peter Bruce-Jones	RL	Ricky Lambert
MB	Maurice Budden	DLe	David Leadbetter
JBu	Jeremy Burge	JM	James McGill
PBu	Paul Butter	TM	Tom Morris
RC	Richard Caldwell	JN	John Newbould
JCl	Julian Clarke	BN	Bernadette Noake
PC	Peter Clarke	KN	Ken Noble
RRC	Ray Cook	MSP	Mark Parsons
DC	Duncan Cooper	SP	Sue Philp
CC	Chris Court	CP	Clive Pinder
JCo	Jonathan Cox	MPI	Michael Plaxton
JRC	Rees Cox	TP	Ted Pratt
ID&JS	Davenport, Ms I, Stobart, J	PP	Phil Prestidge
PAD	Peter Davey	MR	Martin Raper
JD	John Down	AR	Amber Rosenthal
RE	Roy Eden	GS	Geoffrey Sell
SE	Sam Ellis	NS	Nigel Spring
DE	D Emery	RS	Bob Steedman
PE	Phyl England	MS	Mark Sterling
DF	D Foot	PHS	Phil Sterling
MF	Mark Forster	PT	Peggy Taylor
JF	Jim Fradgley	MW	Marjorie Waters
JFr	Julian Francis	LdW	Lawrie de Whalley
GF	Guy Freeman	A&HW	Ann & Henry Wheatcroft
VG	Vince Giavarini	SW	Steve Whitehouse
D&MG	David and Margaret Godfrey	JWi	John Williamson
PHa	Paul Harris	JW	John Winterbottom
MHe	Mike Hetherington	HWH	Hugo Wood Homer
CH	Chris Hill	OW	Oliver Woodland
LH	Les Hill	BY	Bridgit Young
RH	Roy Hilton		
GRH	Gordon Hopkins	BC	Butterfly Conservation

OVERVIEW

Hopes were high for a cracking good moth season when in April, the Met Office announced we were “odds on for a barbecue summer”. However, this was not to be, and, for the third year running, the summer proved to be quite disappointing, particularly July and August when double the average rainfall accumulated from persistent and often cyclonic westerly weather types. Once again, there was a paucity of airflows from the Continent. Remarkably, despite these unfavourable conditions, and, as happened in 2007 and in 2008, only two months of the year turned out cooler than the long-term average. This important factor continues to assist the spread of a selection of very local, rare and new species, noticeably this year the Jersey Tiger, which is being encountered with increasing frequency away from its south-western headquarters, and the Oak Rustic which seems to have become established in the Weymouth district, some distance away from its source locale on Purbeck. Clifden Nonpareil continues to put in an appearance and must surely be resident in the county and in more than one locality. On the few occasions when winds did blow from the Continent some very rare immigrants were observed, notably: Bright Wave, Rannoch Looper, Dusky Scalloped Oak, Scarce Black Arches, Toadflax Brocade, Red-headed Chestnut, Orache, Small Marbled, Beautiful Marbled, Tunbridge Wells Gem and Light Crimson Underwing.

The table below includes annual tallies of a range of less common immigrant species seen in the last four years; the marked difference between the superb season of 2006 and the poor seasons of the following three years is evident.

SPECIES	TOTAL				
	YEAR	2006	2007	2008	2009
Bordered Straw		440	4	2	48
Convolvulus Hawk		321	21	27	42
Cosmopolitan		197	0	1	1
Delicate (first brood only)		104	135	10	8
Four-spotted Footman		275	56	199	127
Gem		130	21	19	6
Ni		137	1	0	18
Scarce Bordered Straw		1041	11	8	43
Small Mottled Willow		753	0	4	47
Striped Hawk		117	4	0	12
Vestal		480	1	21	51
White-speck		53	65	48	29
<i>Ancylosis oblitella</i>		440	4	3	0
<i>Antigastra catalaunalis</i>		321	21	1	1
<i>Cydia amplana</i>		197	0	6	0
<i>Evergestis extimalis</i>		104	135	4	7
<i>Nephopteryx angustella</i>		275	56	3	N/A
<i>Ostrinia nubilalis</i>		130	21	1	23
<i>Palpita vitrealis</i>		137	1	5	2
<i>Yponomeuta rorella</i>		1041	11	125	8

Unless otherwise stated, all records are of adult moths observed at light traps. Where no quantity is given, a single moth is assumed.

- 16 *Hepialus hecta* **GOLD SWIFT** Chase Wood, 3 at dusk on 21/6 (PAD, SW, et al)
- 161 *Zeuzera pyrina* **LEOPARD** Alderholt, 25/6, 28/6 (TM); Chetnole, 27/6 (ID&JS); Thorngrove, 28/6, 12/7 (PBu); Hazelbury Bryan, 29/6 (NS); Gillingham, 2/7 (GRH); Ashington, 2 on 3/7 (JF); Beaminster, 23/7 (SP); Dorchester, 25/7 (JD)
- 162 *Cossus cossus* **GOAT** Abbotsbury, 4/6 (RJ); Brownsea Island, larva on 31/7 (PE)
- 163 *Adscita statices* **FORESTER** Stubhampton Bottom, by day on 11/6 and on 15/6 (PBu); Rooksmoor, 11 by day on 19/6 (MSP); Lankham Bottom, 4 by day on 24/6 (MSP); Compton Abbas, female by day on 9/7 (JCI)
- 164 *Adscita geryon* **CISTUS FORESTER** Cerne Abbas, 8 by day on 30/5 (PBu); Bindon Hill, 2 by day on 1/7 (MSP)
- 171 *Zygaena lonicerae* **NARROW-BORDERED FIVE-SPOT BURNET** Hannah's Ledge, by day on 31/5 (Ellis, S); Rooksmoor, 50 by day on 19/6 (MSP)
- 173 *Apoda limacodes* **FESTOON** Alderholt, 21/6, 25/6, 30/6 (TM); Puddletown, 22/6, 3 on 25/6, 2 on 29/6, 4 on 30/6, 2 on 2/7, 3/7, 5/7, 14/7 (HWH); Stanpit Marsh, 25/6 (RRC, Page, A); Shapwick, 6 between 28/6 and 2/7 (PAD); Broadmayne, 2 on 30/6, 2 on 1/7 (PB-J); Ashington, 30/6, 2/7, 13/7 (JF); Corfe Mullen, 30/6 (Blake, R, Fale, A); Upton Heath, 30/6 (Blake, R, Fale, A); Tolpuddle, 2 on 30/6 (JFr); Canford Heath, 2/7 (VG); Holton Lee, 3 on 4/7 (NS)
- 381 *Synanthedon culiciformis* **LARGE RED-BELTED CLEARWING** Verwood, by day on 23/5 (Weaver, M)
- 382 *Bembecia scopigera* **SIX-BELTED CLEARWING** Charmouth, by day on 21/6 (MSP)
- 1633 *Eriogaster lanestris* **SMALL EGGAR** Winterborne Stickland, 12/3, 31/3, 3/4, 12/4 (LdW); Shapwick, 30/3, 1/4 (PAD); Cogden Beach, larva on 14/6 (JB); Broadmayne, larval nest on 23/6 (MSP); Winterbourne Abbas, larva nest on 23/6 (MSP)
- 1643 *Pavonia pavonia* **EMPEROR** Wimborne, 3 on 15/3 (RS); West Bexington, 30/3, 1/4 (RE); Gotham, porch light on 15/4 (CH); Alderholt, 15/4 (TM)
- 1655 *Tetheaor* **POPLAR LUTESTRING** Alderholt, 25/6 (TM)
- 1658 *Cymatophorima diluta* **OAK LUTESTRING** Gotham, porch light on 19/8 (CH); Lytchett Matravers, 9/9 (GF)
- 1661 *Archiearis parthenias* **ORANGE UNDERWING** Wareham Forest, by day on 20/3 (Levy, D. Levy, E)
- 1662 *Archiearis notha* **LIGHT ORANGE UNDERWING** Fifehead Wood, by day feeding round willow flowers on 13/4 (GRH)
- 1670 *Chlorissa viridata* **SMALL GRASS EMERALD** Verwood, 24/5 (CC, Weaver, M); Merritown Heath, by day on 27/5 (Evans, D)
- 1674 *Jodis lactearia* **LITTLE EMERALD** Okeford Fitzpaine, 13/6, 30/6 (MF); Gotham, porch light on 15/6 (CH); Tolpuddle, 22/6, 3 on 30/6 (JFr); Lytchett Matravers, 22/6 (GF); Gillingham, 3 netted on 26/6 (PBu); Hazelbury Bryan, 29/6 (NS); Holton Lee, 4/7 (NS)
- 1675 *Cyclophora pendularia* **DINGY MOCHA** Alners Gorse, 2 on 24/4 (PBu, GRH); Holt Heath, 2 on 5/5 (RRC, PAD, Page, A), 20/5 (PAD, SW, et al), larva on 6/9 (RRC, Page, A), 5 larvae on 8/9 (BN); Milton-on-Stour, 2/6 (JBU); Moors Valley, larva on 28/8 (BN); Upton Heath, 2 larvae on 1/9 (BN)
- 1676 *Cyclophora annulata* **MOCHA** Chetnole, 24/7/2005, 15/8, 2 on 16/8 (ID&JS); Puddletown, 29/5, 12/8 (HWH); Monkton Wyld, 25/7 (OW); Walditch, 13/8 (MSP); Oakers Wood, 3 on 14/8 (DF); Gotham, porch light on 17/8 (CH); West Bexington, 18/8 (PHS)

- 1689 *Scopula marginepunctata* **MULLEIN WAVE** Wareham, 1/6, 4 on 12/8 (RA); Sleppe Farm, 11/6 (DC); Beacon Hill, 29/6, 9/7, 7 on 13/8, 4 on 27/8 (RS); Corfe Mullen, 2 on 29/6, 3 on 30/6 (Blake, R, Fale, A); Poole, Alder Hills, 20/7 (PP)
- 1691 *Scopula emutaria* **ROSY WAVE** Stanpit Marsh, 25/6 (RRC, Page, A); Sleppe Farm, 25/6, 2 on 29/6 (DC)
- 1692 *Scopula immutata* **LESSER CREAM WAVE** Shapwick, 2/7 (PAD); Wimborne St Giles, 3/7, 22/7 (JW)
- 1696 *Idaea ochrata* **BRIGHT WAVE** Beaminster, 1/7 (SP)
- 1698 *Idaea muricata* **PURPLE-BORDERED GOLD** Ashington, 3/7 (JF); Holt Heath, 2 by day on 9/7 (MSP)
- 1699 *Idaea vulpinaria* **LEAST CARPET** Wimborne St Giles, 11/8 (JW); Beaminster, 18/9 (MR)
- 1701 *Idaea sylvestraria* **DOTTED-BORDER WAVE** Holt Heath, by day on 9/7 (MSP)
- 1712 *Idaea emarginata* **SMALL SCALLOP** Ryewater Nursery, 8/7 (NS); Gillingham, 15/7 (GRH); Thorngrove, 16/7, 25/7 (PBU); Alderholt, 30/7 (TM)
- 1714 *Idaea degeneraria* **PORTLAND RIBBON WAVE** Freshwater, date unknown (RRC, Page, A); Weymouth, 21/6 (PHa)
- 1716 *Rhodometra sacraria* **VESTAL** Chetnole, 9/8/2003 (ID&JS); Walditch, 6/9, 15/11 (MSP); Puddletown, 27/10, 3 on 28/10, 2 on 29/10, 30/10 (HWH); Shaggs, 27/10 (LH); Wimborne, 27/10 (D&MG); West Bexington, 7 on 27/10, 3 on 28/10 (PHS), 3 on 27/10, 6/11 (RE); Dorchester, 28/10, 29/10 (JD); Weymouth, 28/10, 29/10, 30/10, 20/11, 27/11 (PHa); Shapwick, 3 on 30/10 (PAD); Durlston, 30/10 (PE), 30/10 (JCI); Langton Matravers, 30/10 (Brown, D, per Tunmore, M); East Holme, 30/10 (JCo)
- 1719 *Orthonama vittata* **OBLIQUE CARPET** Wimborne, 8/6 (RS); Puddletown, 30/6 (HWH)
- 1720 *Orthonama obstipata* **GEM** Charmouth, 24/8 (GS); West Bexington, 23/10 (RE); Durlston, 28/10 (PAD, et al); Dorchester, male on 28/10, 31/10 (JD)
- 1725 *Xanthorhoe ferrugata* **DARK-BARRED TWIN-SPOT CARPET** Wimborne St Giles, 1/5, 21/7, 3 on 22/7, 11/8 (JW); Alderholt, 2/5, 4 on 31/5, 2/6, 31/7, 2/8, 2 on 4/8, 2 on 5/8, 2 on 7/8, 6 on 8/8, 19/8 (TM); Gotham, porch light on 4/5 (CH); Shapwick, 3/6, 31/7 (PAD); Ashington, 11/7, 6/8, 13/8, 23/8 (JF); Monkton Wyld, 25/7 (OW); Wyke Regis, 5/8 (DF); Sutton Poyntz, 8/8, 15/8, 21/8 (JN); Chetnole, 16/8 (ID&JS)
- 1731 *Scotopteryx bipunctaria* **CHALK CARPET** Eype undercliff, by day on 31/7 (MSP); Charmouth, 11/8 (GS); Bindon Hill, 3 by day on 11/8 (BN, MSP); Winspit, by day on 18/8 (MSP)
- 1734 *Scotopteryx luridata* **JULY BELLE** Sutton Poyntz, 14/6 (DE); Upton Heath, 20/6 (PHS); West Bexington, 23/6 (RE); Puddletown, 25/6, 2 on 26/6 (HWH); Tolpuddle, 30/6 (JFr); Shapwick, 2/7 (PAD); Holt Heath, by day on 9/7 (MSP)
- 1735 *Catarhoe rubidata* **RUDDY CARPET** Shapwick, beaten from hedge on 3/6 (PAD); Gillingham, netted on 26/6 (PBU); Okeford Fitzpaine, 30/6 (MF); Puddletown, 2 on 30/6 (HWH); West Bexington, 18/8 (PHS)
- 1739 *Epirrhoe rivata* **WOOD CARPET** Puddletown, 29/6, 7 on 30/6, 2/7, 15/7, 2 on 25/7 (HWH); Charmouth, 4/7 (GS); Maiden Newton, 10/7 (JD)
- 1740 *Epirrhoe galiata* **GALIUM CARPET** Beaminster, 3/5 (SP); Frampton, 1/6 (A&HW); Chickerell, 14/6 (CP); West Bexington, 19/6, 1/8, 2/8, 7/8, 23/8, 24/8, 8/9 (RE); Preston, 22/6 (RL); Worth Matravers, 30/6, 21/8 (TP); Bridport, 1/7 (MB); Broadmayne, 23/7 (PB-J); Poole, 10/8 (PP); Abbotsbury, 16/8, 27/8 (C Rogers); Sutton Poyntz, 19/8 (Cambell, J, DE), 24/8 (Campbell, J)
- 1745 *Larentia clavaria* **MALLOW** Tolpuddle, 20/9 (JFr); West Bexington, 20 nights between 21/9 and 22/10 (RE), 3 on 15/10 (C Rogers); Abbotsbury, 5/10, 12/10, 3 on 21/10 (C Rogers); Weymouth, 21/10 (PHa)

- 1751 *Lampropteryx otregiata* **DEVON CARPET** Alderholt, 8/8 (TM); West Bexington, 9/8 (RE), 16/8, 18/8 (PHS)
- 1755 *Eulithis testata* **CHEVRON** Puddletown, 15/8 (HWH)
- 1757 *Eulithis mellinata* **SPINACH** Weymouth, 30/6 (PHS); West Bexington, 9/8 (PHS)
- 1759 *Ecliptopera silaceata* **SMALL PHOENIX** Durlston, 30/10 (PAD)
- 1771a *Thera cupressata* **CYPRESS CARPET** Poole, 12/5 (VG); Puddletown, 24/5, 9/7, 3/10, 24/10, 28/10, 30/10 (HWH); Weymouth, 2/6, 25/6 (PHa); Weymouth, 10/6 (PHS); Swanage, 2 on 13/6, 19/6, 2 on 24/6, 14/10 (TP), 1/7 (JRC); Broadcroft, 19/6 (PBu); Poole, 22/6, 1/7 (PP); Dorchester, 22/6 (JD); Preston, 22/6, 5/10, 17/10 (RL); Broadmayne, 2 on 24/6, 25/6, 29/6, 2/7, 4/7, 27/9, 25/10, 4/11 (PB-J); Gillingham, 25/6 (GRH); Shapwick, 25/6 (PAD); Wimborne, 26/6, 3/7, 3 on 23/10, 2 on 27/10 (D&MG); Walditch, 28/6, 30/6, 1/7, 17/9, 22/9, 14/10, 18/10, 23/10, 24/10, 25/10 (MSP); Alderholt, 29/6, 18/10 (TM); Bridport, 30/6 (MB); Winterborne Stickland, 1/7 (LdW); Tolpuddle, 11/9 (JFr); Charmouth, 18/9, 3/10, 19/6, 22/6, 27/6, 3/7, 9/7 (GS); Wareham, 6/10, 2 on 14/10, 29/10 (RA); Durlston, 9/10 (PC, Chapman, P, et al), 10/10 (Bryant, P, Deans, M, et al), 13/10 (PE); Chickerell, 15/10 (CP); Okeford Fitzpaine, 23/10 (MF); West Bexington, 31/5, 9/6, 19/6, 2 on 7/7, 26/9, 1/10, 3/10, 2 on 10/10, 15/10, 19/10, 24/10, 31/10, 9/11 (RE), 26/10 (PHS); Wareham, 2 on 26/10 (BY); Gotham, porch light on 23/11 (CH); Loders, 23/11 (MSP)
- 1774 *Colostygia olivata* **BEECH-GREEN CARPET** Weston, 22/8 (Walbridge, D)
- 1775 *Colostygia multistrigaria* **MOTTLED GREY** Puddletown, 17/2 (HWH); Fontmell Down, 4 on 30/3 (PAD, LdW, GRH); Chickerell, 31/3 (CP); Slepe Farm, 20/4, 21/4 (DC)
- 1779 *Hydriomena ruberata* **RUDDY HIGHFLYER** Holt Heath, 20/5 (PAD, SW, et al), larva on 6/9 (RRC, Page, A)
- 1785 *Pareulype berberata* **BARBERRY CARPET** Dorset, 2 larvae, beaten from berberis on 18/9
- 1790 *Triphosa dubitata* **TISSUE** Milton-on-Stour, 13/8 (JBU)
- 1791 *Philereme vetulata* **BROWN SCALLOP** Gillingham, 30/6 (GRH); Shapwick, 2/7 (PAD); Piddletrenthide, 14/7 (KN)
- 1792 *Philereme transversata* **DARK UMBER** Wyke Regis, 24/6 (DF); West Bexington, 30/6, 6/7, 15/7(RE); Okeford Fitzpaine, 2/7 (MF); Shapwick, 2/7, 2 on 18/7 (PAD); Puddletown, 10/7, 12/7, 9/8 (HWH); Gillingham, 13/7 (GRH)
- 1793 *Euphyia biangulata* **CLOAKED CARPET** Gotham, porch light on 4/7 (CH); Charmouth, 8/7 (GS); Puddletown, 15/7 (HWH); Tolpuddle, 23/7 (JFr); Sutton Poyntz, 26/7 (Campbell, J)
- 1794 *Euphyia unangulata* **SHARP-ANGLED CARPET** Gotham, porch light on 19/5 (CH); West Bexington, 25/5 (MS); Oakers Wood, 5/6 (DF); Chetnole, 20/6, 21/6, 2 on 4/7, 6/9 (ID&JS); Lankham Bottom, 20/6 (NS); Alderholt, 24/6, 25/6, 10/7 (TM); Powerstock Common, 27/6 (GRH, Kingman, D, Kingman, Mrs J); Chedington Wood, 28/6 (PAD, D Agassiz); Beaminster, 1/7 (SP), 30/8 (MR); Marshwood, 4/7 (JB)
- 1804 *Perizoma bifaciata* **BARRED RIVULET** Portland, 30/7 (JWi); West Bexington, 5/8 (RE), 9/8 (MS); Weymouth, 11/8 (PHa)
- 1807 *Perizoma albulata* **GRASS RIVULET** Gillingham, 1/6 (GRH); Preston, 3/6 (RL); Fontmell Down, by day on 3/6 (PBu); Thorngrove, 25/6 (PBu); Powerstock Common, 27/6 (GRH, Kingman, D, Kingman, Mrs J); Hazelbury Bryan, 29/6 (NS)
- 1818 *Eupithecia irriguata* **MARbled PUG** Powerstock, 3 on 8/4 (PAD)
- 1820 *Eupithecia insigniata* **PINION-SPOTTED PUG** Shapwick, 30/4 (PAD)
- 1821 *Eupithecia valerianata* **VALERIAN PUG** Shapwick, 19/6 (PAD); Stubhampton Bottom, by day on 21/6 (PBu); Chase Wood, 8 on 21/6 (PAD, SW, et al)
- 1823 *Eupithecia venosata* **NETTED PUG** Shapwick, 3 on 24/5, 3 on 31/5, 2 on 1/6 (PAD); Chase Wood, 21/6 (PAD, SW, et al)
- 1824 *Eupithecia egenaria* **PAUPER PUG** Puddletown, 3/6 (HWH)

- 1828 *Eupithecia satyrata* **SATYR PUG** Dorchester, 1/6 (JD); Chase Wood, 21/6 (PAD, SW, et al); Puddletown, 22/6 (HWH)
- 1838 *Eupithecia icterata* **TAWNY-SPECKLED PUG** Chetnole, 24/7/2005 (ID&JS); Abbotsbury, 1/6 (RJ); Preston, 5/8 (RL); Walditch, 8/8 (MSP); Weymouth, 10/8 (PHa); Dorchester, 11/8 (JD); Puddletown, 14/8 (HWH); West Bexington, 17/8 (MS); Swanage, 23/8 (JRC)
- 1839 *Eupithecia succenturiata* **BORDERED PUG** Puddletown, 25/6 (HWH); Broadmayne, 23/7 (PB-J)
- 1843 *Eupithecia distinctaria* **THYME PUG** Freshwater Bay, by day very small larvae on 2/7 (PHS, RRC); Portland, 30/7 (JWi)
- 1844 *Eupithecia indigata* **OCHREOUS PUG** Puddletown, 6/5, 30/5 (HWH)
- 1845 *Eupithecia pimpinellata* **PIMPINEL PUG** Puddletown, 25/7 (HWH)
- 1846 *Eupithecia nanata* **NARROW-WINGED PUG** West Bexington, 10/8 (MS)
- 1848 *Eupithecia innotata* **ANGLE-BARRED PUG** Walditch, 25/6 (MSP)
- 1853 *Eupithecia dodoneata* **OAK-TREE PUG** Weymouth, female on 1/7 (PHS)
- 1855 *Eupithecia phoeniceata* **CYPRESS PUG** Sutton Poyntz, 26/9/2005 (JN); West Bexington, 18 nights between 10/8 and 10/10 (RE), 10/8, 22/8 (MS); Swanage, 12/8 (JRC), 3 on 23/8 (TP); Highcliffe, 19/8, 30/8, 9/9, 23/9, 11/10 (DL); Chetnole, 23/8 (ID&JS); Abbotsbury beach, 6 on 23/8 (SW); Poole, 25/8, 14/9 (PP); Chickerell, 28/8, 4/9 (CP); Wareham, 3 on 31/8, 22/9 (RA); Ferndown, 1/9 (RRC); Dorchester, 5/9 (JD); Charmouth, 6/9 (GS); Wimborne, 8/9 (RS); Walditch, 12/9, 21/9 (MSP)
- 1855a *Eupithecia ultimaria* **CHANNEL ISLANDS PUG** Abbotsbury, 14/5, 1/6, 4/6, 27/6 (C Rogers); West Bexington, 5/8, 16/8 (RE)
- 1859 *Chloroclystis chloerata* **SLOE PUG** Merritown Heath, 27/5 (Evans, D); Weymouth, 11/6 (PHa); Chickerell, 16/6, 21/6 (CP); West Bexington, 1/6, 21/6, 24/6, 5/6, 9/6, 11/6, 13/6, 1/7 (RE), 20/6 (JD, PH); Okeford Fitzpaine, 22/6, 25/6 (MF)
- 1863 *Anticollix sparsata* **DENTATED PUG** Hurn, 2 on 13/6 (RRC, Page, A)
- 1864 *Chesias legatella* **STREAK** Puddletown, 4/10 (HWH); Durlston, 30/10 (PAD)
- 1867 *Aplocera plagiata* **TREBLE BAR** West Bexington, 18/8 (RE); Swanage, 23/8 (TP), 27/8 (JRC)
- 1868 *Aplocera efformata* **LESSER TREBLE-BAR** Merritown Heath, 30 on 27/5 (Evans, D)
- 1874 *Euchoeca nebulata* **DINGY SHELL** Puddletown, 27/6, 2 on 9/8, 5 on 14/8 (HWH); Tolpuddle, 30/6 (JFr); East Holme, 2/7, 9/8 (JCo)
- 1877 *Hydrelia sylvata* **WAVED CARPET** Kingcombe, 13/6 (NS); Powerstock Common, 3 on 27/6 (GRH, Kingman, D, Kingman, Mrs J)
- 1878 *Minoa murinata* **DRAB LOOPER** Stubhampton Bottom, 6 on 29/5, 3 on 15/6, by day on 21/6 (PBu); Stubhampton, 6 by day on 31/5 (BN); Chase Wood, at MV light trap on 21/6 (PAD, SW, et al)
- 1879 *Lobophora halterata* **SERAPHIM** Weymouth, 2/5 (PHa); Walditch, 12/5 (MSP); Beacon Hill, 2 on 14/5 (RS); Alderholt, 22/5, 3/7 (TM); Shapwick, 24/5 (PAD)
- 1880 *Trichopteryx polycommata* **BARRED TOOTH-STRIPED** Fontmell Down, 10 by torch light on 30/3 (PAD, LdW, GRH); Shaggs, 25/3 (LH)
- 1894 *Semiothisa clathrata* **LATTICED HEATH** Walditch, 23/8 (MSP); West Bexington, 16 on 23/8, 5 on 24/8, 4 on 26/8, 28/8 (RE), 23/8 (PHS)
- 1896 *Semiothisa brunneata* **RANNOCH LOOPER** Highcliffe, 30/5 (Chapman, R); Shaggs, 3/6 (LH, Wiffen, L, det MSP); Shapwick, 28/6 (PAD)
- 1901 *Cepphis advenaria* **LITTLE THORN** Holt Heath, 5 on 20/5 (PAD, SW, et al); Ashington, 25/5 (JF); Gotham, porch light on 26/5 (CH); Puddletown, 31/5, 2/6 (HWH); Oakers Wood, 5/6 (DF)
- 1905 *Pachycnemias hippocastanaria* **HORSE CHESTNUT** Milton-on-Stour, 4/8 (JBu)

- 1910 *Apeira syringaria* **LILAC BEAUTY** West Bexington, 13/9, 18/9 (RE); Puddletown, 22/9 (HWH)
- 1918 *Selenia lunularia* **LUNAR THORN** Charmouth, 13/5 (GS); Lyme Regis, 3/6 (MW)
- 1921a *Crocallis dardoinaria* **DUSKY SCALLOPED OAK** West Bexington, 22/8 (Foot, D, PHS)
- 1924 *Angerona prunaria* **ORANGE** Beaminster, 1/7 (SP)
- 1925 *Apocheima hispidaria* **SMALL BRINDLED BEAUTY** Gotham, porch light on 17/2 (CH); Milton-on-Stour, 24/2 (JBU); Ashington, 3 on 25/2, 28/2 (JF)
- 1939 *Cleora cinctaria* **RINGED CARPET** Alderholt, 21/4, 23/4 (TM)
- 1940 *Deileptenia ribeata* **SATIN BEAUTY** Chedington Wood, 28/6 (PAD, JM, et al); Milton-on-Stour, 3/7 (JBU); Piddles Wood, 9/7 (JCI); Puddletown, 10/7, 22/8 (HWH); Kingcombe, 18/7 (PHS); Frampton, 19/7 (A&HW)
- 1944 *Serraca punctinalis* **PALE OAK BEAUTY** Holt Heath, 2 on 20/5 (PAD, SW, et al); Hurn, 22/5, 29/5 (RRC, Page, A); Gotham, porch light on 27/5 (CH); Alderholt, 30/5, 31/5 (TM); Puddletown, 3/6 (HWH); Ashington, 6/6 (JF)
- 1945 *Cleorodes lichenaria* **BRUSSELS LACE** West Bexington, 27/9, 28/9, 4/10, 10/10 (RE)
- 1948 *Ectropis crepuscularia* **SMALL ENGRAILED** Puddletown, 8/6 (HWH)
- 1949 *Paradarisa consonaria* **SQUARE SPOT** Holt Heath, 5 on 5/5 (RRC, PAD, Page, A), 2 on 20/5 (PAD, SW, et al); Hurn, 22/5 (RRC)
- 1950 *Paradarisa extersaria* **BRINDLED WHITE-SPOT** Merritown Heath, 27/5 (Evans, D); Puddletown, 5/6, 2/7 (HWH)
- 1951 *Aethalura punctulata* **GREY BIRCH** Holt Heath, 3 on 5/5 (RRC, PAD, Page, A), 20/5 (PAD, SW, et al); Hurn, 22/5 (RRC); Wareham, 28/5 (RA)
- 1964 *Charissa obscurata* **ANNULET** Wareham, 12/8 (RA); Charmouth, 13/8 (GS); Portland, 31/8 (JWi)
- 1968 *Aspitates ochrearia* **YELLOW BELLE** Chickerell, 11/5, 24/5, 11/9 (CP); Cogden, several walked up by day on 31/5 (OW); The Fleet, 3 by day on 16/6 (MSP); Beacon Hill, on 27/8 (RS); Portland, 31/8 (JWi)
- 1970 *Perconia strigillaria* **GRASS WAVE** Sopley Common, by day on 24/5 (PHS); Wareham, 1/6 (RA); Alderholt, 2 on 12/6 (TM)
- 1972 *Agrius convolvuli* **CONVOLVULUS HAWK** West Bexington, 18/8, 20/8 (MS), 24/8, 28/8, 7/9, 11/9, 15/9, 23/9 (RE), 31/8 (PHS); Abbotsbury, 19/8 (C Rogers); Timber Hill, 23/8 (OW); Weymouth, 30/8 (PHa); Puddletown, 30/8, 5/9, 3 on 7/9, 11/9 (HWH); Weymouth, at rest on wooden plank on 31/8 (pers comm RL); Wareham, Redcliff, Dairy Cottage, feeding at tobacco plants at 9pm on 31/8 (Bevis, A); Durlston, 5/9, 25/9 (PE), 29/9 (PAD, SW), 9/10 (PC, Chapman, P, et al); ; Lyme Regis, 6/9 (Ashley Ball)
- 1982 *Hemaris tityus* **NARROW-BORDERED BEE HAWK** Fontmell Down, by day on 3/6 (PBU)
- 1983 *Hemaris fuciformis* **BROAD-BORDERED BEE HAWK** Powerstock, by day on 19/4 (per Dorset BC website)
- 1990 *Hyles lineata livornica* **STRIPED HAWK** West Bexington, 25/5 (MS), 3/9 (RE); Charmouth, 26/5, 24/8 (GS); Puddletown, 30/5, 1/6 (HWH); Dorchester, 9/8 (JD); Walditch, 19/8 (MSP)
- 1998 *Furcula bifida* **POPLAR KITTEN** Walditch, 30/4 (MSP); Charmouth, 3/5, 2/6, 4/6 (GS); West Bexington, 25/5 (MS), 24/5, 26/6 (RE); Okeford Fitzpaine, 29/5 (MF); Wimborne, 29/5 (D&MG); Ashington, 3/6 (JF); Frampton, 10/6 (A&HW); Evershot, 18/6 (NS); Chedington Wood, 28/6 (PAD, D Agassiz)
- 2010 *Odontosia carmelita* **SCARCE PROMINENT** Alderholt, 19/4 (TM); Holt Heath, 5/5 (RRC, PAD, Page, A)
- 2020 *Diloba caeruleocephala* **FIGURE OF EIGHT** Winterborne Stickland, 19/10, 6 on 25/10 (LdW); West Bexington, 65 between 30/9 and 30/10 (RE), 26/10 (PHS)

- 2027 *Dicallomera fascelina* **DARK TUSSOCK** Stoborough, 13/7 (DC); Alderholt, 25/7 (TM)
- 2031 *Leucoma salicis* **WHITE SATIN** Puncknowle, 18/6 (MHe); Weymouth, 21/6 (PHa); Lyme Regis, 25/6 (MW); Thorngrove, 26/6 (PBU); Preston, 29/6, 2/7, 8/7 (RL); Puddletown, 30/6 (HWH); Holton Lee, 4/7 (NS)
- 2034 *Lymantria dispar* **GYPSY** Dorset, larvae on 13/5
- 2038 *Nudaria mundana* **MUSLIN FOOTMAN** Walditch, 13/6, 4 on 21/6 (MSP); West Bexington, 20/6 (PHS), 29/6, 2/7, 3/7, 8/7, 9/7 (RE); Chickerell, 26/6, 28/6 (CP); Shapwick, 28/6, 4/7, 18/7 (PAD); Abbotsbury, 6/7 (C Rogers); Broadmayne, 7/7 (PB-J); Gillingham, 8/7, 13/7, 16/7, 20/7 (GRH); Bishops Caundle, 4 on 9/7 (NS); Wimborne St Giles, 2 on 10/7, 22/7, 23/7, 25/7 (JW); Puddletown, 10/7 (HWH); Ashington, 11/7 (JF); Thorngrove, 2 on 12/7, 18/7, 22/7, 24/7 (PBU); Dorchester, 16/7 (JD)
- 2039 *Atolmis rubricollis* **RED-NECKED FOOTMAN** Chetnole, 3/6/2007 (ID&JS); Chase Wood, 8 on 21/6 (PAD, SW, et al); Tolpuddle, 22/6 (JFr); Puddletown, 22/6, 30/6 (HWH); Alderholt, 25/6 (TM); north-east Dorset, 29/6 (MSP); Hazelbury Bryan, 29/6 (NS); Okeford Fitzpaine, 30/6 (MF);
- 2045 *Lithosia caniola* **HOARY FOOTMAN** West Bexington, 27/8 (RE)



FOOTMAN Tolpuddle, 22/6, 5/7, 22/7 (JFr); 15/8 (MW); Puddletown, 41 between 28/6 and 1/7; Walditch, 22/7, 23/7, 2/8, 2 on 11/8, 18/8, 19/8, Frampton, 24/7, 2/8 (A&HW); Preston, 2 on 29/7, 4/8, 2 on 5/8 (RL); Chickerell, 31/7 (CP); Broadmayne, 2 on 31/7, 2 on 29/10, 10/7, 27/7, 3/8, 27/10 (PB- J); West Bexington, 7 on 1/8, 6 on 9/8, 23/8 (MS, PHS), 2/8, 2 on 9/8, 10/8, 15/8, 17/8, 18/8 (RE); Dorchester, 3/8 (JD); Chettle Camp site, 7/8 (RL); Preston, 9/8 (RL); Wyke Regis, 9/8 (DF); 20/8, 22/8, 23/8 (MSP); Weymouth, 24/7, 25/7, 26/7, 27/7, 28/7, 31/7, 2/8, 3/8, 4/8, 4 on 5/8, 4 on 10/8, 4 on 11/8, 2 on 13/8 (PHa); Monkton Wyld, 25/7(OW); Lytchett Matravers, 17/8 (GF); Uplyme, 18/9 (OW); Durlston, male on 5/10 (PAD, SW); male on 10/10 (Bryant, P, Deans, M, et al)

Four-spotted Footman

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- 2056 *Parasemia plantaginis* **WOOD TIGER** Melbury Down, by day on 2/5 (MSP); Hambledon Hill, by day on 24/5 (PBU); Cerne Abbas, 2 by day on 16/6 (VG); Lankham Bottom, 30 by day on 24/6 (MSP)
- 2057 *Arctia caja* **GARDEN TIGER** Southwell, forewings predominantly cream on 13/7 (Mrs D Saunders)
- 2058 *Arctia villica* **CREAM-SPOT TIGER** Hurn, 22/5 (RRC), 29/5 (RRC, Page, A); Okeford Fitzpaine, 25/5, 30/5 (MF); Merritown Heath, 27/5 (Evans, D); Puddletown, 27/5, 7/6 (HWH); Broadmayne, 31/5, 5/6 (PB-J); Wareham, 1/6 (RA); Thorngrove, 3/6, 2 on 12/6 (PBU)
- 2059 *Diacrisia sannio* **CLOUDED BUFF** Wareham, 1/6 (RA); Sutton Poyntz, 6/6 (JN); Weymouth, 11/6 (PHa); Slepe Farm, 11/6, 16/6 (DC); Canford Heath, 15/6 (VG); Shapwick, 23/6 (PAD); Holton Lee, 4/7 (NS)
- 2067 *Euplagia quadripunctaria* **JERSEY TIGER** Walditch, larva in greenhouse on 14/5, 10/7, 2 on 20/7, 21/7, 2 on 9/8, 4 on 10/8, 3 on 11/8, 6 on 12/8, 2 on 13/8, 8 on 14/8, 3 on 15/8, 12

- on 16/8, 13 on 17/8, 12 on 18/8, by day on 19/8, 20/8, 6 on 21/8, 22/8, 2 by day on 22/8, 5 on 23/8, 3 on 24/8, 2 on 26/9 (MSP); Bridport, 29/6, 19/8, 27/7, 2/8, 11/8, 3 on 17/8 (MB); Sutton Poyntz, by day on 13/7, 2 on 28/7, 3 on 5/8, 8/8, 11/8, 6 on 15/8, 2 on 21/8, 21/8, 22/8, 2 on 24/8, 26/8 (JN), 2 on 7/8, 24/8, 26/9 (Campbell, J), 14/8, 3 on 17/8, 19/8 (DE); Preston, 16/7, 19/7, 24/7, 2 on 25/7, 3 on 7/8, 3 on 9/8, 6 on 10/8, 11 on 11/8, 2 on 12/8, 7 on 13/8, 14/8, 5 on 15/8, 2 on 17/8, 3 on 18/8, 29/8 (RL); Lyme Regis, by day on 23/7 (MSP), by day on 3/8 (Cox, D, Cox, Mrs F); Weymouth, 23/7, 24/7, 2 on 25/7, 2 on 27/7, 2 on 31/7, 4 on 3/8, 6 on 4/8, 15 on 9/8 (PHa); Beaminster, on 25/7, 22/8 (MR), 9/8, 14/8, 23/8 (SP); Puddletown, 30/7, 12/8 (HWH); Puncknowle, 1/8, 5 on 15/8 (MHe); Durlston, 3 on 8/8 (PE); Chickerell, 9/8, 2 on 11/8, 12/8 (CP); Wyke Regis, 9/8, 4 on 11/8, 13/8, 4 on 16/8, 17/8, 18/8 (DF); West Bexington, 50 between 9/8 and 29/8 (RE), 10/8, 16/8 (MS); Wyke Regis, 4 on 11/8 (Foot, D); Swanage, 13/8 (TP); Preston, by day on 16/8 (Ellis, S); Abbotsbury, 17/8 (C Rogers); Frampton, 18/8 (A&HW); Winspit, by day on 18/8 (MSP); Dorchester, 23/8 (JD)
- 2076 *Meganola albula* **KENT BLACK ARCHES** Chickerell, 21/6, 29/6, 1/7, 3/7, 4/7, 12/7, 2 on 13/7, 14/7, 2 on 15/7, 16/7, 2 on 18/7, 2 on 19/7, 2 on 20/7, 3 on 22/7 (CP); Slepe Farm, 25/6, 3 on 29/6 (DC); Puddletown, 21 between 26/6 and 31/7 (HWH); Shapwick, 24/6, 28/6, 2 on 29/6, 2/7, 2 on 4/7, 10/7 (PAD); Weymouth, 28/6, 13/8 (PHa); Hazelbury Bryan, 29/6 (NS); West Bexington, 23 between 30/6 and 1/8 (RE); Alderholt, 30/6, 3/7, 20/7 (TM); Corfe Mullen, 30/6 (Blake, R, Fale, A); Gillingham, 1/7 (GRH); East Holme, 2/7, 17/7 (JCo); Ashington, 3/7, 11/7 (JF); Gotham, porch light on 3/7 (CH); Holton Lee, 3 on 4/7 (NS); Sutton Poyntz, 2 on 4/7, 3 on 5/7 (DE); Walditch, 4/7, 28/7 (MSP); Milton-on-Stour, 5/7 (JBU); Tolpuddle, 7/7, 22/7 (JFr)
- 2079 *Nola aerugula* **SCARCE BLACK ARCHES** Wyke Regis, 2/7 (Foot, D)
- 2080 *Euxoa obelisc* **SQUARE-SPOT DART** Charmouth, 14/8 (GS)
- 2081 *Euxoa tritici* **WHITE-LINE DART** Slepe Farm, 29/6 (DC)
- 2082 *Euxoa nigricans* **GARDEN DART** Wyke Regis, 15/7 (DF); Sutton Poyntz, 21/7 (JN); Dorchester, 1/8 (JD)
- 2084 *Agrotis cinerea* **LIGHT FEATHERED RUSTIC** Swanage, 1/5, 6/5 (PE); Winterborne Stickland, 29/5, 24/6 (LdW)
- 2090 *Agrotis trux lunigera* **CRESCENT DART** Wyke Regis, 23/6, 29/6, 30/6, 13/7 (DF); West Bexington, 2/7, 13/7, 3 on 15/7, 20/7, 21/7, 23/7, 29/7 (RE), 10/8 (PHS); Walditch, 13/7, 12/8, 2 on 14/8, 17/8, 18/8 (MSP); Weymouth, 29/6 (PHS), 22/7 (PHa); Charmouth, 14/8, 16/8, 17/7 (GS)
- 2110/1 *Noctua janthina* **LANGMAID'S YELLOW UNDERWING** Wyke Regis, 13/7 (DF)
- 2117 *Paradiarsia glareosa glareosa* **AUTUMNAL RUSTIC** Bridport, Pilsden Pen, 10/9 (PBu); Wimborne, 16/9 (D&MG); East Holme, 18/9, 3 on 22/9, 2 on 28/9 (JCo); Stonebarrow, 11 on 18/9 (OW); Alderholt, 19/9, 20/9 (TM); Wimborne, 19/9 (RS); Walditch, 21/9 (MSP); Turners Puddle, 26/9 (Hammond, M, Tailby, K, PC); East Lulworth, 26/9 (Young, M); Puddletown, 5/10 (HWH); Puncknowle, 25/10 (MHe)
- 2130 *Xestia baja* **DOTTED CLAY** Alderholt, 14/8, 20/9 (TM)
- 2132 *Xestia castanea* **NEGLECTED RUSTIC** Alderholt, 20/9 (TM); East Lulworth, 26/9 (Young, M)
- 2135 *Xestia agathina* **HEATH RUSTIC** Ashington, 5 on 8/9, 10 on 19/9 (JF); Godlingstone Heath, Netted after dark on 8/9 (MSP, Rosenthal, A); Wareham, 10/9 (RA)
- 2136 *Naenia typica* **GOTHIC** Chetnole, 3/8/2003, 9/8 (ID&JS); East Holme, 21/6, 25/6, 30/6, 2/7, 28/7, 31/7 (JCo); Gillingham, 25/6 (GRH); Ashington, 2/7 (JF); Chickerell, 4/7, 13/7, 15/7, 27/7, 30/7, 4/8 (CP); Weymouth, 2 on 22/7, 9/8 (PHa); Dorchester, 23/7 (JD); Wimborne, 24/7 (D&MG); Tolpuddle, 25/7 (JFr); Bridport, 2/8 (MB); Puddletown, 9/8 (HWH)

- 2145 *Discestra trifolii* **NUTMEG** Alderholt, 2/6 (TM); Thorngrove, 5/6 (PBu); Slepe Farm, 23/6 (DC); Corfe Mullen, 30/6 (Blake, R, Fale, A); Upton Heath, 30/6 (Blake, R, Fale, A); Maiden Newton, 3/7 (JD); Gillingham, 9/7 (GRH); Beacon Hill, 9/7, 13/8 (RS); Ashington, 2 on 13/7, 22/7 (JF); West Bexington, 15/7, 30/7, 24/8 (RE), 10/8 (MS); Shapwick, 31/7 (PAD); Swanage, 5/8 (JRC)
- 2150 *Polia nebulosa* **GREY ARCHES** West Bexington, 28/6, 1/7, 3 on 2/7 (RE)
- 2156 *Lacanobia contigua* **BEAUTIFUL BROCADE** Shapwick, 16/6 (PAD); Beacon Hill, 29/6 (RS); Corfe Mullen, 29/6 (Blake, R, Fale, A); Upton Heath, 2 on 30/6 (Blake, R, Fale, A); Bovington, 1/7 (MSP)
- 2159 *Lacanobia suasa* **DOG'S TOOTH** Stanpit Marsh, 25/6 (RRC, Page, A); West Bexington, 6/8 (RE)
- 2164 *Hecatera bicolorata* **BROAD-BARRED WHITE** Dorchester, 9/6 (JD); Wyke Regis, 10/6, 7/7 (DF); Swanage, 21/6 (TP), 22/6 (JRC); Alderholt, 28/6 (TM); Wareham, 2 on 2/7 (BY); Wareham, 9/7 (RA)
- 2167 *Hadena perplexa* **TAWNY SHEARS** West Bexington, 66 between 21/4 and 24/9 (RE); Slepe Farm, 5/5, 6/5 (DC); Wyke Regis, 10/5 (DF); Chickerell, 1/6 (PHS); Broadmayne, 3/6 (PB-J); Puddletown, 25/6 (HWH); Puncknowle, 6/7 (MHe); Weymouth, 3/8 (PHa)
- 2172 *Hadena albimacula* **WHITE SPOT** Shaggs, 6/5 (LH); Charmouth, 16/8 (GS)
- 2176 *Cerapteryx graminis* **ANTLER** West Bexington, 18/8 (MS)
- 2177 *Tholera cespitis* **HEDGE RUSTIC** Ashington, 2 on 8/9 (JF); Puddletown, 9/9, 11/9, 15 on 12/9, 10 on 27/9 (HWH); Lytchett Matravers, 9/9 (GF); West Bexington, 9/9, 11/9, 12/9 (RE); Bridport, Pilsden Pen, 5 on 10/9 (PBu); Gillingham, 13/9 (GRH); Walditch, 17/9 (MSP); Okeford Fitzpaine, 18/9 (MF); Gotham, porch light on 19/9 (CH)
- 2183 *Orthosia miniosa* **BLOSSOM UNDERWING** Shapwick, 14/4 (PAD); West Blagdon, 14/4 (Green, D, per PAD); Alners Gorse, 6 on 24/4 (PBu)
- 2184 *Orthosia opima* **NORTHERN DRAB** West Bexington, 11/4, 15/4, 17/4 (RE); Okeford Fitzpaine, 17/4 (MF); Thorngrove, 19/4 (PBu); Winterborne Stickland, 22/4 (LdW)
- 2185 *Orthosia populeti* **LEAD-COLOURED DRAB** Alderholt, 19/3, 2/4, 11/4, 12/4, 14/4, 23/4 (TM); Tolpuddle, 22/3 (JFr)
- 2192 *Mythimna conigera* **BROWN-LINE BRIGHT EYE** Shapwick, 16/6, 30/6, 31/7 (PAD); Sutton Poyntz, 26/6, 28/6 (JN); Winterborne Stickland, 2 on 1/7 (LdW) ; Portland, 2 on 3/7, 24/7, 25/7, 30/7 (JWi); Wimborne St Giles, 23/7 (JW); Weymouth, 30/7 (PHa)
- 2195 *Mythimna vitellina* **DELICATE** Walditch, 13/6, 14/6, 23/10 (MSP); Puddletown, 9/7, 31/7, 1/8, 27/8, 28/9, 22/10, 3 on 26/10, 2 on 27/10, 30/10 (HWH); Winterborne Stickland, 20/7 (LdW); Frampton, 8 on 26/7, 12 on 28/7, 2/8, 4 on 4/8, 6/8 (A&HW); Studland, 6 on 23/10 (JCl); Durlston, 2 on 29/9 (PAD, SW), 9/10 (PC, Chapman, P, et al), 28/10, 2 on 29/10, 30/10 (PC), 2 on 30/10 (JCl); Preston, 18/10, 27/10, 28/10 (RL); Langton Matravers, 7 on 26/10 (Brown, D, et al); West Bexington, 11/6, 29/6, 28/8, 30/8, 4/9, 5/9, 16/9, 23/9, 2 on 11/10, 12/10, 14/10, 2 on 15/10, 17/10, 26/10, 28/10, 30/10 (RE), 6 between 26/10 and 28/10 (PHS)



Blossom Underwing

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- 2197 *Mythimna straminea* **SOUTHERN WAINSCOT** Broadmayne, 6/7 (PB-J); Walditch, 10/7 (MSP); Swanage, 22/7 (JRC); West Bexington, 5/8, 6/8, 7/8, 10/8, 14/8, 16/8, 17/8, 19/8 (RE), 1/8, 10/8, 11/8 (MS, PHS); Frampton, 2 on 16/8, 18/8, 26/8 (A&HW)
- 2200 *Mythimna favicolor* **MATHEW'S WAINSCOT** Upton, 2 on 18/9 (PHS)
- 2202 *Mythimna l-album* **L-ALBUM WAINSCOT** Frampton, 28/6, 3 on 2/7 (A&HW); Tolpuddle, 2 on 30/6 (JFr); Puddletown, 22/6, 20/9, 23/9, 2 on 27/9, 10/10, 19/10, 22/10, 2 on 23/10, 26/10 (HWH); Slepe Farm, 29/6 (DC); Shapwick, 29/6 (PAD); Winterborne Stickland, 1/7 (LdW); Broadmayne, 7/7, 19/9 (PB-J); Puncknowle, 29/9 (MHe); Beacon Hill, 8/10 (RS); Corfe Castle, 10/10, 19/9, 18/9 (Caldow, R)
- 2203 *Mythimna unipuncta* **WHITE-SPECK** Winterborne Stickland, 23/8 (LdW); Beaminster, 1/7 (SP); Studland, 23/10 (JCI); West Bexington, 24/10, 25/10, 1/11 (RE), 2 on 26/10, 27/10, 28/10 (MS, PHS); Puddletown, 26/10, 29/10 (HWH); Durlston, 28/10 (RH)
- 2204 *Mythimna obsoleta* **OBSCURA WAINSCOT** Wareham, 1/6 (RA); Preston, 13/6 (RL); Weymouth, 18/6, 21/6 (PHa); Weymouth, 28/6, 29/6, 1/7 (PHS); Gillingham, 28/6 (GRH); Wyke Regis, 30/6 (DF); Chickerell, 30/6 (CP)



Obscure Wainscot

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- 2208 *Mythimna loreyi* **COSMOPOLITAN** Shaggs, 27/10 (LH)
- 2211 *Cucullia absinthii* **WORMWOOD** Portland, 3 larvae on 10/9 (RRC)
- 2223 *Calophasia lunula* **TOADFLAX BROCADE** Durlston, 20/6 (PE)
- 2226 *Leucochlaena oditis* **BEAUTIFUL GOTHIC** Swanage, 13/9, 17/9, 18/9, 2 on 19/9, 2 on 21/9, 3 on 22/9 (JRC); Durlston, 8 on 5/10 (PAD, MSP), 8 on 9/10 (PC, Chapman, P, et al), 2 on 28/10, 29/10, 2 on 30/10 (PC)
- 2227 *Brachionycha sphinx* **SPRAWLER** Alweston, 28/10 (NS); West Bexington, 26/10, 27/10, 1/11, 4/11, 5/11, 7/11, 10/11, 12/11, 16/11 (RE), 29/10 (PHS); Gotham, porch light on 30/10 (CH); Okeford Fitzpaine, 2 on 5/11 (MF)
- 2229 *Dasypolia templi* **BRINDLED OCHRE** Durlston, 2 on 10/10 (Deans, M, P Bryant, S Hatch, S Whitehouse et al); East Holme, 26/10 (JCo)

- 2230 *Aporophyla australis pascuea* **FEATHERED BRINDLE** Portland, 18/9 (JWi); West Bexington, 29 nights between 19/9 and 22/10 (RE); Durlston, 3 on 25/9, 21/10 (PE), 8 on 29/9 (PAD, SW), 16 on 5/10 (PAD, MSP), 15 on 9/10, 2 on 9/10 (PC, Chapman, P, et al); Chickerell, 22/9, 9/10 (CP); Sutton Poyntz, 27/9 (JN)
- 2231 *Aporophyla lutulenta* **DEEP-BROWN DART** Alderholt, 20/9, 29/9, 6/10 (TM); East Holme, 22/9 (JCo); Turners Puddle, 26/9 (PC, Hammond, M, Tailby, K); Gotham, porch light on 5/10 (CH)
- 2235 *Lithophane semibrunnea* **TAWNY PINION** Puddletown, 18/3, 20/3, 30/3, 1/4, 2 on 2/4, 14/4, 2 on 16/4, 22/4, 23/4, 24/10 (HWH); Winterborne Stickland, 30/3 (LdW); Wimborne, 30/3 (D&MG); Shapwick, 31/3 (PAD); West Bexington, 15/4, 16/4, 24/4, 12/5 (RE); Walditch, 17/4 (MSP); Wimborne St Giles, 17/4 (JW); Gotham, Back door after dark on 20/4 (CH)
- 2236 *Lithophane hepatica* **PALE PINION** Puddletown, 60 between 12/3 and 14/6, 13 on 1/4 (HWH); Broadmayne, 14/3, 31/3 (PB-J); Shapwick, 18/3, 23/4, 29/5, 3/6 (PAD); Thorngrove, 21/3 (PBu); West Bexington, 25/3, 30/3, 7/4, 13/5 (RE); Chickerell, 28/3 (CP); Winterborne Stickland, 31/3 (LdW); Alderholt, 31/3, 4/4, 20/4 (TM); Walditch, 31/3 (MSP); Tolpuddle, 1/4, 10/4, 11/4, 13/4 (JFr); Alweston, 12/4 (NS); Swanage, 17/4 (PE); Holt Heath, 20/5 (PAD, SW, et al); Wimborne St Giles, 1/6 (JW); Weymouth, 14/6 (PHS)
- 2241 *Xylena vetusta* **RED SWORD-GRASS** Puddletown, 12/3, 16/4, 14/10 (HWH); West Bexington, 31/3 (RE); Alderholt, 31/3 (TM); Shapwick, 2/4 (PAD); Lytchett Matravers, 3/4 (GF)
- 2246a *Dryobota labecula* **OAK RUSTIC** Durlston, 29/9 (PAD, SW), 5/10, (PAD, MSP), 8 on 9/10 (PC, Chapman, P, et al), 7 on 10/10 (Bryant, P, Deans, M, et al), 26/10 (Kolaj, A), 6 on 28/10, 2 on 29/10, 11 on 30/10 (PC), 28/10 (RH), 40 on 30/10 (JCl), 2 on 30/10, 2 on 13/10, 4 on 21/10, 7 on 24/10, 16/10 (PE); Weymouth, 21/10, 26/10, 12/11 (PHa); Langton Matravers, 31/10 (Brown, D)
- 2248/1 *Dryobotodes tenebrosa* **SOMBRE BROCADE** Durlston, 29/9 (PAD, SW), 5/10 (PAD, MSP), 9/10 (PC, Chapman, P, et al), 10/10 (Bryant, P, Deans, M, et al)
- 2251 *Trigonophora flammea* **FLAME BROCADE** Langton Matravers, 26/10 (Brown, D, et al); Durlston, 26/10 (Kolaj, A), 28/10 (PAD, et al), 30/10 (PAD); West Bexington, 28/10 (RE)
- 2252 *Polymixis flavicineta* **LARGE RANUNCULUS** Freshwater, (RRC, Page, A); Walditch, 4 on 12/9, 18/9, 3 on 19/9 (MSP); Beaminster, 15/9, 18/9 (MR), 17/9, 27/9 (SP); Durlston, 25/9 (PE); West Bexington, 4/10, 6/10 (RE)
- 2255 *Eumichtis lichenea* **FEATHERED RANUNCULUS** Dorchester, 17/9, 24/9 (JD); Puddletown, 21/9, 3/10, 6/10 (HWH)
- 2260 *Conistra rubiginea* **DOTTED CHESTNUT** Puddletown, 12/3, 12/4, 15/4, 16/4, 19/4 (HWH); Alderholt, 17/3, 12/4, 14/4 (TM); Tolpuddle, 22/3 (JFr); Broadmayne, 31/3, 3/4, 5/4 (PB-J); Charmouth, 1/4 (GS); Shapwick, 22/4 (PAD); West Bexington, 1/5 (RE)
- 2261 *Conistra erythrocephala* **RED-HEADED CHESTNUT** Durlston, 28/10 (RH); Langton Matravers, 29/10 (Brown, D, per Tunmore, M)
- 2265 *Agrochola helvola* **FLOUNCED CHESTNUT** Puddletown, 13/10 (HWH)
- 2266 *Agrochola litura* **BROWN-SPOT PINION** Winterborne Stickland, 5 on 19/9 (LdW); Alderholt, 3 on 19/9, 20/9, 22/9, 26/9, 27/9 (TM); Chetnole, 3/10 (ID&JS); Thorngrove, 2 on 6/10 (PBu); Sutton Poyntz, 14/10, 15/10 (JN); Puddletown, 24/10 (HWH)
- 2271 *Xanthia citrigo* **ORANGE SALLOW** Thorngrove, 4/9, 2 on 8/9, 11/9, 13/9, 2 on 17/9, 4 on 18/9, 2 on 23/9, 3/10, 6/10, 9/10 (PBu); Puddletown, 11/9, 5/10, 6/10, 10/10 (HWH); Walditch, 14/9 (MSP); Tolpuddle, 20/9 (JFr); Weymouth, 20/9 (PHa)
- 2277 *Moma alpium* **SCARCE MERVEILLE DU JOUR** Verwood, 24/5 (CC, Weaver, M); Alderholt, 31/5, 1/6, 2/6, 28/6, 29/6 (TM)

- 2299 *Amphipyra tragopoginis* **MOUSE** Chetnole, 13/8/2005, 18/8/2007 (ID&JS); Winterborne Stickland, 28/6, 19/7, 20/7, 11/9 (LdW); Wimborne St Giles, 2 on 25/7, 2 on 13/8 (JW); Puddletown, 25/7, 31/7, 8/8, 12/8, 13/8, 2 on 30/8, 31/8 (HWH); Chettle Camp site, 7/8 (RL); Thorngrove, 12/8 (PBU); Walditch, 12/8 (MSP); Broadmayne, 2 on 15/8, 16/8 (PB-J); Beaminster, 23/8 (SP)
- 2300 *Mormo maura* **OLD LADY** Poole, 6/7 (PP); Sutton Poyntz, by day on 5/8 (DE), 24/8 (Campbell, J); West Bexington, 7/8 (RE); Thorngrove, 14/8, 15/8 (PBU); Dorchester, 16/8 (JD); Preston, 17/8 (RL); Wimborne, 19/8 (RS); Weston, 23/8 (Walbridge, D); Weymouth, 8/9 (PHa)
- 2301 *Dypterygia scabriuscula* **BIRD'S WING** Puddletown, 28/5, 20/6, 28/6, 4/7 (HWH); Slepe Farm, 3/6, 3 on 11/6, 16/6, 3 on 23/6, 4 on 25/6, 5 on 29/6 (DC); East Holme, 12/6, 2/7 (JCo); Alderholt, 14/6, 21/6, 24/6, 25/6, 29/6, 30/6 (TM); Weymouth, 21/6 (PHa); Shapwick, 24/6, 28/6, 30/6 (PAD); Wimborne, 26/6 (D&MG); Tolpuddle, 28/6 (JFr); Upton Heath, 30/6 (Blake, R, Fale, A); Ashington, 3 on 30/6, 2 on 2/7 (JF); Wareham, 2 on 1/7 (RA); Wareham, 3 on 2/7 (BY); Holton Lee, 4/7 (NS); Beacon Hill, 9/7 (RS); Stoborough, 3 on 13/7 (DC); Broadmayne, 15/7 (PB-J)
- 2304 *Trachea atriplicis* **ORACHE** Puddletown, 16/7 (HWH)
- 2311 *Ipimorpha retusa* **DOUBLE KIDNEY** Gotham, porch light on 19/7 (CH); Alners Gorse, 3 on 24/7 (NS)
- 2312 *Ipimorpha subtusa* **OLIVE** Puddletown, 1/7, 2/7, 14/7 (HWH); Gillingham, 27/7 (GRH); West Bexington, 1/8 (PHS), 20/8 (MS); Wimborne St Giles, 2 on 13/8 (JW)
- 2314 *Parastichtis ypsilon* **DINGY SHEARS** Tolpuddle, 30/6 (JFr); Gotham, Back door after dark on 2/7 (CH); Wimborne St Giles, 2/7 (JW); Puddletown, 8/7 (HWH); Alderholt, 10/7 (TM); Chickerell, 13/7, 17/7 (CP); West Bexington, 16/7 (RE)
- 2319 *Cosmia pyralina* **LUNAR SPOTTED PINION** Gillingham, 1/7 (GRH); West Bexington, 2/7 (RE); Ryewater Nursery, 6 on 8/7 (NS); Gotham, Back door after dark on 11/7 (CH)
- 2321 *Apamea monoglypha* **DARK ARCHES** West Bexington, 24/10, 25/10, 16/11 (RE)
- 2323 *Apamea sublustris* **REDDISH LIGHT ARCHES** Shapwick, 24/6, 2 on 28/6, 30/6 (PAD); Swanage, 2/7 (TP)
- 2331 *Apamea unanimitis* **SMALL CLOUDED BRINDLE** Wimborne, 24/5, 2/6, 5/6 (D&MG); Milton-on-Stour, 27/7 (JBU); Shapwick, 28/5, 24/6 (PAD); Broadmayne, 2 on 31/5 (PB-J); Beaminster, 1/6 (SP); Chickerell, 1/6, 13/6 (PHS); Frampton, 2/6, 3 on 13/6, 28/6 (A&HW); Weymouth, 2 on 2/6 (PHS); West Bexington, 4/6, 7/6, 11/6, 12/6, 19/6 (RE), 20/6 (PHS); Bridport, 9/6 (MB); Wyke Regis, 10/6 (DF); East Holme, 21/6 (JCo); Walditch, 21/6 (MSP)
- 2335 *Apamea scolopacina* **SLENDER BRINDLE** Walditch, 30/6 (MSP); Piddles Wood, 9/7 (JCl); East Holme, 6 on 9/7, 5 on 18/7, 28/7 (JCo); Gotham, Back door after dark on 13/7 (CH); Kingcombe, 18/7 (PHS); Upwey, 18/7 (Kelly, P); Monkton Wyld, 25/7 (OW)
- 2336 *Apamea ophiogramma* **DOUBLE LOBED** Puddletown, 24/6, 4/7, 16/7, 18/7 (HWH); Tolpuddle, 3 on 28/6, 2 on 30/6, 2 on 5/7, 4 on 7/7, 23/7 (JFr); Slepe Farm, 29/6 (DC); Shapwick, 30/6 (PAD); Wyke Regis, 30/6 (DF); Wareham, 2 on 1/7 (RA); Swanage, 2/7, 28/7 (TP); Gillingham, 15/7 (GRH); Weymouth, 19/7, 22/7 (PHa); Alderholt, 20/7 (TM)
- 2342 *Mesoligia literosa* **ROSY MINOR** Frampton, 28/6, 3 on 30/6, 2 on 2/7, 16/7 (A&HW); Dorchester, 9/7 (JD); Thorngrove, 22/7 (PBU); Wareham, 25/7 (RA); Portland, 25/7, 12/9 (JWi); West Bexington, 6/8, 11/8, 17/8 (RE), 10/8 (MS); Walditch, 2 on 12/8, 2 on 17/8 (MSP); Beaminster, 14/8 (MR)
- 2346 *Photodes morrisii* **MORRIS'S WAINSCOT** Charmouth, 15/6, 27/6, 3/7, 5/7, 2 on 16/7, 18/7 (GS); Black Venn and Spittles, 4 on 24/6 (MSP); Lyme Regis, 30 in torch light on 27/6 (PHS)

- 2352 *Eremobia ochroleuca* **DUSKY SALLOW** Chickerell, 13/7 (CP); West Bexington, 17/7, 18/7, 21/7, 22/7, 27/7, 31/7 (RE), 1/8 (PHS); Dorchester, 18/7 (JD); Badbury Rings, 2 by day on 19/7 (PBu); Wimborne St Giles, 2 on 20/7, 21/7, 22/7, 24/7 (JW); Tolpuddle, 22/7, 25/7 (JFr); Lytchett Matravers, 24/7 (GF); Maiden Newton, 31/7 (JD); Portland, 7/8 (JWi)
- 2368 *Celaena leucostigma* **CRESCENT** Puddletown, 20/7 (HWH)
- 2369 *Nonagria typhae* **BULRUSH WAINSCOT** Puddletown, 6/7, 5/8, 10/8 (HWH); Preston, 13/7, 29/7 (RL); West Bexington, 30/7, 10/8, 13/8, 22/8, 25/8, 10/9, 11/9 (RE), 1/8, 18/8 (MS, PHS); Wyke Regis, 5/8 (DF); Sutton Poyntz, 8/8 (JN); Walditch, 10/8, 16/8 (MSP); Gillingham, 13/8 (GRH); Alderholt, 14/8 (TM); Puncknowle, 15/8 (MHe)
- 2370 *Archanara geminipuncta* **TWIN-SPOTTED WAINSCOT** Puddletown, 9/8 (HWH); Walditch, 11/8 (MSP); Sutton Poyntz, 14/8, 15/8 (JN)
- 2371 *Archanara dissoluta* **BROWN-VEINED WAINSCOT** Tolpuddle, 22/7 (JFr); Ashington, 13/8 (JF); West Bexington, 15/8 (RE)
- 2373 *Archanara sparganii* **WEBB'S WAINSCOT** Puddletown, 31/7, 2 on 12/8 (HWH); Wareham, 2 on 12/8 (BY); Preston, 13/8 (RL); Swanage, 13/8 (TP); Oakers Wood, 14/8 (DF)
- 2377 *Arenostola phragmitidis* **FEN WAINSCOT** Slepe Farm, 29/6 (DC); Holton Lee, 4/7 (NS); East Holme, 18/7 (JCo); Chickerell, 26/7 (PHS)
- 2379 *Coenobia rufa* **SMALL RUFOUS** Dorchester, 25/6 (JD); Walditch, 10/8 (MSP)
- 2385 *Spodoptera exigua* **SMALL MOTTLED WILLOW** Puddletown, 2 on 31/5, 3/6, 12/6, 2 on 15/7, 20/7, 21/7, 25/7, 27/7, 4 on 9/8, 10/8, 14/8 (HWH); Shapwick, 3/6, 2 on 2/7 (PAD); Nettlecombe, 5/6 (MSP); West Bexington, 2/7, 15/7, 4/8, 22/8 (RE), 9/8, 2 on 10/8, 16/8, 2 on 21/8 (MS); Thorngrove, 24/7, 18/9 (PBu); Dorchester, 25/7, 16/8 (JD); Broadmayne, 5/8 (PB-J); Wyke Regis, 30/7, 11/8 (DF); Beaminster, 23/8 (SP); Durlston, 29/9 (PAD, SW)
- 2387a *Platyperigea kadenii* **CLANCY'S RUSTIC** Weymouth, 23/9, 3 on 10/10, 11/10, 12/10, 27/10 (PHa); Durlston, 10/10 (Bryant, P, Deans, M, et al); West Bexington, 11/10, 15/10, 23/10 (RE), 26/10, 27/10, 28/10 (PHS), 4 on 30/10 (DF, per PHa); Preston, 28/10 (RL);
- 2391 *Chilodes maritimus* **SILKY WAINSCOT** Chickerell, 25/5 (PHS); Weymouth, 3 on 22/6 (PHa), 26/6, 1/7 (PHS); Holton Lee, 4/7 (NS); Ashington, 13/7, 22/7 (JF)
- 2394 *Stilbia anomala* **ANOMALOUS** Shaggs, 9/9 (LH)
- 2396 *Elaphria venustula* **ROSY MARBLED** Gotham, back door after dark on 26/5 (CH); Merritown Heath, 27/5 (Evans, D); Alderholt, 2 on 30/5, 21/6, 22/6, 2 on 25/6 (TM); Hurn, 2 on 13/6 (RRC, Page, A); Chase Wood, 18 on 21/6 (PAD, SW, et al); Shapwick, 28/6 (PAD)
- 2397 *Panemeria tenebrata* **SMALL YELLOW UNDERWING** Stonebarrow by day on 10/5 (K Dolbear); Shapwick, by day on 3/6 (PAD)
- 2399 *Pyrrhia umbra* **BORDERED SALLOW** Dorchester, 24/5 (JD); Swanage, 30/5 (PE); Broadcroft, 8 on 19/6 (PBu); Weymouth, 26/6 (PHS)
- 2400 *Helicoverpa armigera* **SCARCE BORDERED STRAW** Gillingham, 31/8 (GRH); West Bexington, 6/9, 6/10, 23/10, 29/10 (RE), 11/8 (MS), 23/8, 3 on 26/10, 28/10 (PHS), 2 on 30/10 (DF, per PHa); Weymouth, 7/9 (PHa); Durlston, 2 on 10/10 (Bryant, P, Deans, M, et al); Wareham, larva on carnations on 15/10 (Noake, B); Puddletown, 3 on 26/10, 27/10, 28/10, 3 on 29/10, 3 on 30/10, 31/10 (HWH); Langton Matravers, 3 on 26/10 (Brown, D, et al), 30/10 (Brown, D, per Tunmore, M); Preston, 27/10 (RL); Wyke Regis, 28/10 (DF); Studland, 31/10 (Brown, D)
- 2402 *Heliothis maritima* **SHOULDER-STRIPED CLOVER** Dorset, by day on 9/7 (MSP), 2 third-instar larvae swept from cross-leaved heath on 19/8 (PAD, MSP, Rosenthal, Ms A)

- 2403 *Heliothis peltigera* **BORDERED STRAW** West Bexington, 3 on 26/5, 18/8 (MS), 26/5, 2/6, 8/6, 16/6, 18/6, 19/6, 2/7, 22/8, 23/8, 26/8, 10/9 (RE); Puddletown, 3 on 26/5, 2 on 12/6, 8/8 (HWH); Dorchester, 30/5 (JD); Cogden, walked up by day on 31/5 (OW); Alderholt, 2/6 (TM); Marshwood, 10/6 (JB); Sutton Poyntz, 14/6 (JM, DE); Puncknowle, 18/6 (MHe); Chickerell, 20/6 (CP); Thorngrove, 30/6 (PBu); Milton-on-Stour, 4/7 (JBU); Swanage, 8/8 (JRC); Charmouth, 17/8, 9 during June (GS)
- 2408 *Eublemma parva* **SMALL MARBLED** West Bexington, 30/5, 2/6 (RE); Puddletown, 5/6 (HWH); Durlston, 30/10 (JCI)
- 2409/1 *Eublemma purpurina* **BEAUTIFUL MARBLED** West Bexington, 16/8 (RE)
- 2429 *Chrysodeixis acuta* **TUNBRIDGE WELLS GEM** West Bexington, 30/10 (DF)
- 2432 *Trichoplusia ni* **NI** Puddletown, 3/6, 9/8, 12/8 (HWH); Weymouth, 20/7, 13/8 (PHa); Shapwick, 31/7 (PAD); West Bexington, 2 on 8/8, 11/8, 12/8 (RE), 2 on 9/8, 10/8, 16/8, 18/8, 23/8 (MS); Wyke Regis, 12/8 (DF); Swanage, 20/8 (JRC)
- 2449 *Abrostola trigemina* **DARK SPECTACLE** Wyke Regis, 20/4 (DF); West Bexington, 25/5, 17/8 (MS), 19/6, 20/6, 21/6, 22/6, 13/8, 14/8, 21/8, 23/8, 26/8, 15/9, 19/9, 22/9, 26/9, 29/9, 2/10 (RE), 31/8 (PHS); Puddletown, 40 between 30/5 and 22/9 (HWH); Wimborne, 31/5 (D&MG); Weymouth, 2 on 3/6, 11/6, 26/6, 19/7, 23/7, 29/7, 2 on 4/8, 28/8, 26/9, 2 on 2/10 (PHa); Ashington, 3/6 (JF); Shapwick, 24/6, 3 on 29/6, 30/6 (PAD); Preston, 27/6, 2/7, 8/7, 9/7, 30/10 (RL); Frampton, 30/6, 2 on 6/9 (A&HW); Walditch, 30/6, 21/7, 8/9 (MSP); Tolpuddle, 7/7, 23/7 (JFr); Ryewater Nursery, 2 on 8/7 (NS); Broadmayne, 2 on 9/7, 2/7 (PB-J); Chetnole, 26/7 (ID&JS); Durlston, 29/9 (PAD, SW)
- 2451 *Catocala fraxini* **CLIFDEN NONPAREIL** Studland, on wall on 29/8, and then seen climbing the trunk of a wild cherry tree on 1/9 (Bellamy, J, per PAD), 26/10 (Brown, D, et al); Wimborne, 16/9 (D&MG); Affpuddle, 18/9, 19/9, 29/9 (Middleton, A); Shaggs, 28/9, 29/9 (LH)
- 2454 *Catocala promissa* **LIGHT CRIMSON UNDERWING** east Dorset, to light on 1/8, location withheld at request of observer although likely to have been an immigrant (per PAD)
- 2466 *Lygephila pastinum* **BLACKNECK** Weymouth, 21/6, 2 on 25/6 (PHa); Puddletown, 29/6, 2 on 30/6, 2 on 2/7, 3/7, 4/7 (HWH); Preston, 3/7 (RL); Gotham, back door after dark on 5/7 (CH)
- 2475 *Parascotia fuliginaria* **WAVED BLACK** Alderholt, 22/6 (TM); Wyke Regis, 30/6 (DF)
- 2476 *Hypena crassalis* **BEAUTIFUL SNOOT** Shapwick, 29/6 (PAD); Puddletown, 2/7, 22/7, 28/7 (HWH)
- 2478 *Hypena obsitalis* **BLOXWORTH SNOOT** Abbotsbury, in the kitchen on 16/9 (C Rogers); Weymouth, 15/10 (PHS)
- 2480 *Hypena rostralis* **BUTTONED SNOOT** Okeford Fitzpaine, 25/5 (MF); Chase Wood, 21/6 (PAD, SW, et al); Iford, 12 larvae on 5/7 (RRC); Broadstone, 18/8 (Clements, K); Wimborne St Giles, indoors on 31/12 (JW)
- 2485 *Hypenodes humidialis* **MARSH OBLIQUE-BARRED** Okeford Fitzpaine, 1/7 (MF)

MICROLEPIDOPTERA REPORT 2009

by Phil Sterling

I hope we have now passed our run of poor years for moths; certainly 2009 will for most us be like 2008 and be forgotten as another when the weather played a large part in why we weren't able to get out recording as much as we had planned. But it wasn't all bad for all the time, and as usual there were some interesting and new records for the county.

There were two species new to the County (vc9) in 2009, one of which was new to Britain, the pyrale *Musotima nitidalis*, by David Evans and Mike Jeffes. The other new county record was of the leaf-miner *Phyllonorycter hostis* by PHS. This species, which feeds on crab apple, has now been recognised as the true identity of what we have previously thought was *Phyllonorycter cydoniella*, and it appears this latter species has not been found in Britain.

The highlight of the year then is the new pyrale *Musotima nitidalis*, found at MV light on Merritown Heath (vc11) on 11th August. It is quite similar to a china-mark moth, but has different markings on the forewing and when Mike and David saw it they knew it was something odd. How odd none of us knew until the identification was confirmed by Martin Honey at the Natural History Museum. This moth is a resident of Australia and New Zealand, where it feeds on the leaves of ferns. It has presumably arrived here accidentally imported on a fern in the wholesale horticultural trade, but we don't really have any lead on this. Although Merritown Heath is next to Bournemouth Airport, it does not seem likely to have been imported through air freight since there are no long haul flights in and out of the airport.

Another likely import is the pyrale *Duponchelia fovealis*, found by Bob and Barbara Steedman on 2nd September. This is only the third Dorset record. It is associated with the horticultural trade, especially with imported Cyclamen plants, but as the larva feeds on leaf litter it could be found at the base of many plant species. Occasionally the species appears as a likely primary immigrant, and this is the presumed arrival route for the example found in Weymouth in September 2006.

It was pleasing to see that two species found in 2008 have been re-found in 2009. Peter Davey spotted 2 *Olethreutes aurofasciana* in Chase Woods in June. The species was recorded in Dorset in the 1950s, then not again until 2008, and it seems likely that the moth is spreading again after a lull of many decades. It could well turn up in other woodland situations, and seems to prefer woods with plenty of moss. The other species is *Acleris umbrana*, which turned up again at West Bexington. It is very likely that the species is now resident again in Dorset (if it ever disappeared), although several searches for larvae in the autumn failed to detect the moth.

Other species of note include *Syncopacma polychromella*, which arrived as a primary immigrant in southern England at the end of May, and two were seen in Dorset, by Jean Southworth, and Terry & Karen Elborn. Also *Stigmella myrtillella*, found by John Langmaid and Brian Elliott, a leaf-miner on bilberry which has not been seen in Dorset

for over 50 years. It was also pleasing to see two records of *Haplotinea insectella* by Hugo Wood Homer at Puddletown; there is only one recent record of this species from nearby Yellowham Wood.

Similarly a record of *Agonopterix propinquella* from West Bexington by PHS; this species seems very rare in southern England and there has been only one other recent record in Dorset. Finally, thanks to Mark Parsons for dissecting two little brown jobs he took in 2004 on Canford Heath. They turned out to be *Chionodes distinctella*, a gelechiid we have seen in Dorset for just less than 100 years! Just shows what is out there waiting to be found.

Many thanks to all of you who have submitted your records. Yet more and more arrive electronically in Microsoft Excel spreadsheet format, which is good news for Peter and me. Lets hope we can have a good year in 2010.

Records of a number of nationally-rare and nationally-scarce species (mostly provisional statuses only) have been included, together with records of other interesting species such as rarer immigrants and those not recently recorded in the county. Nomenclature is taken from Bradley, J.D. (2000) 'Checklist of Lepidoptera recorded from the British Isles. Second Edition (Revised)', amended to reflect changes in common usage. Records of a number of nationally-scarce species and of some immigrants/partial residents regularly recorded in Dorset, have been omitted from this report. Data for all species are held at DERC.

Records were gratefully received from

DJLA – David Agassiz	CH – Christopher Hill
JB – Janet Baker	LH – Les Hill
RB – Roger Blake	GRH – Gordon Hopkins
PB – Paul Butter	JH – John Hunnisett
MC – Martin Cade	MJ – Mike Jeffes
RRC – Ray Cook	RL – Ricky Lambert
CC – Chris Court	JRL – John Langmaid
JC – Jonathan Cox	TM – Tom Morris
PAD – Peter Davey	MSP – Mark Parsons
MD – Matthew Deans	EP – Ted Pratt
KD – Ken Dolbear	JS – Jean Southworth
JD – John Down	RS – Bob Steedman
LdeW – Lawrie de Whalley	MJS – Mark Sterling
RE – Roy Eden	PHS – Phil Sterling
BE – Brian Elliott	LW – Laura Wiffen
DE – David Evans	JW – John Winterbottom
AF – Andy Fale	HWH – Hugo Wood Homer
JF – Julian Francis	OW – Oliver Woodland

Other abbreviations

gen. det. - genitalia determined by

conf. - confirmed by

vc = vice-county

MV = at Mercury Vapour light trap

- 10 *Eriocrania salopiella* Puddletown Forest, tenanted mine in *Betula pendula* on 28.5 (HWH); Week Common (vc11), 3 tenanted mines in *Betula pendula* (PHS)
- 22 *Ectoedemia louisella* Chedington Woods, 3 in malaise traps on 22.5.08 (JH, all gen. det. PHS)
- 72 *Stigmella myrtillella* Blackdown, Dorchester, vacated mine in *Vaccinium myrtillus* on 9.9 (JRL, BE)
- 78 *Stigmella incognitella* Winspit, few vacated mines in *Malus domestica* on 23.7 (JRL, BE)
- 124 *Tischeria dodonaea* Hurn (vc11), many tenanted mines in *Quercus robur* on 16.10 (PHS, MJ)
- 156 *Heliozela resplendella* Puddletown, 2 vacated mines on *Alnus glutinosa* on 8.9 (HWH)
- 202 *Eudarcia richardsoni* Church Ope Cove, Portland, 3 cases on 16.3 (MSP); Cheyne Weare, 2 cases on 27.1 (MSP)
- 212 *Haplotinea insectella* Puddletown, at MV on 22.6 (HWH, gen. det. PHS) & on 30.6 (HWH, conf. PHS)
- 254 *Leucoptera wailesella* Rooksmoor, by day on 19.6 (MSP)
- 280 *Caloptilia cuculipennella* Black Venn & Spittles, several at dusk on 24.6 (MSP)
- 281 *Caloptilia populetorum* Beacon Hill, at MV on 20.6 (PHS)
- 327 *Phyllonorycter hostis* Wareham Forest, 16 tenanted mines on *Malus sylvestris* on 7.10.08, adults emerged 3.09 (PHS, gen. det.)
- 392 *Glyphipterix schoenicolella* Beacon Hill, at MV on 27.8 (RS)
- 409a *Argyresthia trifasciata* Burton, Christchurch (vc11), at MV on 24.5 (JS)
- 428 *Yponomeuta rorrella* West Bexington, 2 at MV on 2.7 (RE, conf. PHS); Beaminster, 5 at MV on 2.7 (SP, conf. PHS); Puddletown, at MV between 29.6 & 17.8, peak count 6 on 14.8 (HWH)
- 430 *Yponomeuta plumbella* Puddletown, at MV on 26.6 (HWH); East Lulworth, at MV on 29.6 (LW, conf. MSP); Shapwick, 2 at MV on 18.7 (PAD); Stubhampton Bottom, at actinic light on 23.7 (GRH, PB); Monkton Wyld, at MV on 25.7 (OW)
- 431 *Yponomeuta sedella* Puddletown, at MV on 28.7 (HWH)
- 465 *Plutella porrectella* Burton, Christchurch (vc11), at MV on 24.7 (JS)
- 484 *Epermenia aequidentellus* East Lulworth, at MV on 29.6 (LW, conf. MSP); Winspit, 2 tenanted mines on *Pimpinella saxifrage* on 18.8, adult reared (MSP)
- 487 *Metriotes lutarea* Stonebarrow, by day on 10.5 (KD, conf. PHS); Nettlecombe, by day on 3.5 (MSP)
- 646 *Telechrysis tripuncta* East Lulworth, at MV on 10.6 (LW, conf. LH); Chedington Woods, in malaise trap May 08 (JH, gen. det. PHS)
- 661 *Pseudatemelia flavifrontella* Chedington Woods, at MV on 28.6 (PAD, DJLA)
- 696 *Agonopterix propinquella* West Bexington, at MV on 26.10 (PHS)
- 700 *Agonopterix pallorella* Fontmell Down, at torchlight on 30.3 (PAD, LdeW, GRH)
- 777 *Bryotropha basaltinella* Shapwick, at MV on 29.6 (PAD)
- 791 *Chionodes distinctella* Canford Heath, 2 at MV on 28.7.2004 (MSP, gen. det.)
- 823a *Scrobipalpula tussilaginis* East Cliff, Lyme Regis, 50 tenanted/vacated mines in *Tussilago farfara* on 1.7 (PHS); Eype undercliff, few mines on 31.7 (MSP)

- 850 *Syncopacma polychromella* Burton, Christchurch (vc11), at MV on 24.5 (JS); Canford, end May 09 (Terry Elborn per RB, conf. PHS)
- 855 *Acompsia cinerella* Walditch, at MV on 17.8 (MSP)
- 862 *Dichomeris marginella* Burton, Christchurch, at MV on 16.6 (JS); Hengistbury Head (vc11), at MV on 23.7 (DE)
- 881 *Mompha terminella* Puddletown, at MV on 30.6 (HWH)
- 896a *Cosmopterix scribaiella* Beacon Hill, at MV on 29.6 (RB, AF, RS, PHS); East Lulworth, at MV on 30.6 (LW, conf. LH)
- 896 b *Cosmopterix pulchrimella* Church Ope Cove, Portland, mines common on 27.1 (MSP)
- 897 *Cosmopterix lienigiella* Weymouth, at MV on 30.6 (PHS)
- 897a *Anatrachyntis badia* Bridport, bred from *Punica granatum* fruit from greengrocer on 7.11 (MSP)
- 899 *Pancalia leuwenhoehella* Powerstock Common, by day on 21.5 (MSP)
- 923 *Phtheochroa sodaliana* Puddletown, at MV on 25.6 (HWH)
- 979 *Archips crataegana* Hengistbury Head (vc11), 2 at MV on 23.7 (DE)
- 1034 *Spatalistis bifasciana* Weymouth, at MV on 25.6 (PHS); Beacon Hill, at MV on 30.6 (RB, AF)
- 1051 *Acleris logiana* Puddletown, at MV on 27.2, 20.5 & 15.10 (HWH, all conf. PHS)
- 1052 *Acleris umbrana* West Bexington, at MV on 1.8 (PHS) & 11.8 (MJS)
- 1069 *Olethreutes aurofasciana* Chase Woods, Scrubbity Barrows, 2 at MV on 22.6 (PAD)
- 1130 *Epinotia pygmaeana* Riscombe Copse, Chedington Woods, in malaise trap on 12.5.08 (JH, gen. det. PHS)
- 1161 *Rhopobota stagnana* Puddletown, at MV on 28.6 (HWH)
- 1202 *Eucosma obumbratana* West Bexington, at MV on 2.7 (RE); Wimborne St Giles, at actinic light on 22.7 (JW)
- 1237 *Pammene germmana* Shapwick, at MV on 29.5, 31.5 & 29.6 (PAD)
- 1242 *Grapholita internana* Crook Hill Brick Pit, Chickerell, 12 by day flying around gorse flowers on 8.5 (PHS)
- 1262 *Cydia amplana* Alderholt, at MV on 27.8.08 (TM, conf. PHS)
- 1269 *Cydia conicolana* Weymouth, at MV on 3.6 (PHS)
- 1314 *Catoptria margaritella* Maiden Newton, at MV on 10.7 (JD)
- 1323 *Pediasia contaminella* Shapwick, at MV on 31.7 (PAD); West Bexington, at MV on 6.8 (RE)
- 1325 *Platytes alpinella* West Bexington, at MV on 17.8 (MJS)
- Musotima nitidalis* Merritown Heath (vc11), at MV on 11.8 (DE, MJ, conf. Martin Honey BM(NH))

Musotima nitidalis



- 1356a Evergestis limbata* East Lulworth, at MV on 22.7 (LH)
1357 Evergestis extimalis Portland Bird Observatory, at MV on 6.8 & 11.8 (MC);
 West Bexington, at MV on 11.8, 22.8 & 26.8 (RE), & on
 23.8 (PHS)
1367 Pyrausta cingulata Walditch, at MV on 22.8 (MSP)
1368 Loxostege sticticalis Tolpuddle, at MV on 23.7 (JF, conf. HWH)
1370 Sitochroa palealis West Bexington, at MV on 9.8 (MJS)
1380 Phlyctaenia perlucidalis Marshwood, at light in June 09 (JB)
1382 Anania verbascalis Puddletown, at MV on 25.6 (HWH); Holton Lee, at MV
 on 4.7 (GRH); Verwood, on 28.7 (CC); Merritown Heath
 (vc11), at MV on 11.8 (DE, conf. MJ); Alderholt, at MV
 on 25.7.08 (TM, conf. PHS)
1389 Udea fulvalis East Holme, indoors on 2.7 (JC); Ferndown, at MV on
 21.7 (RRC); Burton, Christchurch (vc11), 2 on 24.7, on 7.8
 & 2 on 14.8, all at MV (JS); Swanage, at MV on 30.7, 11.8
 & 13.8 (EP)
1400 Antigastra catalaunalis Durlston, at MV on 10.10 (MD et al.)
1403a Duponchelia fovealis Wimborne, at MV on 2.9 (RS, conf. PHS)
1408 Palpita vitrealis Portland Bird Observatory, 1 at MV in July & 1 at MV in
 Oct. (MC); West Bexington, at MV on 2.11 (RE)
1421 Aglossa pinguinalis Gotham, Edmonsham, at rest after dark on 3.7.05 (CH);
 Abbotsbury, by day on 15.7.06 & 17.7.07 & attracted to
 lighted window on 28.8.08 & 11.8.09 (CR); Alderholt, at
 MV light on 16.7.07 (TM)
1441 Oncocera semirubella Beacon Hill, at MV on 29.6 (RB, AF, RS, PHS), 2 on 30.6 (RB, AF)
 & 7 on 14.7 (RB, AF, PHS); East Cliff, Lyme Regis, by day on 1.7 (PHS) & 2 on 23.7 (MSP);
 Marshwood, at light on 3.7 (JB); Holton Lee, at MV on 4.7

A BAT'S DINNER

by John Winterbottom



I have a 15W Actinic Skinner moth trap that I usually run in our orchard at the back of the house. The orchard has a garden on one side, an arable field at the end, and a meadow on the opposite side. On the 24th July 2009 I decided to run the trap in our front garden to try picking up moths from the water meadows on the opposite side of the road. The catch was very disappointing (47 moths of 17 species), the previous night in the orchard (113 moths of 48 species) and following night in the orchard (128 moths of 38 species). Whilst taking in the extension lead through the front door that is seldom used, I noticed the wing of an Old Lady *Mormo maura* on the front step, interesting as I have never had one in the trap. On further investigation I found a large number of moth wings (photo above), then I collected all that I could find around the step then proceeded to count and identify them, 123 moths of 17 species (88 were Silver Y). There is a lean-to porch over the front door and we have bats in our roof so I thought that a bat was using the porch as a feeding roost eating the moth body and letting the wings fall. I decided to monitor its feeding habits. Over the next 4 days I collected the wings from the step each morning, counting and identifying moths caught. Unfortunately we had to go away on day 5, however I resumed recording on our return until the 17th of August when there seemed to be no more activity. I also collected a small amount of bat poo from the step, which was later identified as that of the Brown Long-eared Bat *Plecotus auritus* by Sally Humphries of Dorset bat group, she also confirmed that we had a Brown Long-eared Bat maternity roost in our roof.

The Brown Long-eared Bat, *Plecotus auritus*, is one of Britain's most common bat species, with an estimated population of 200,000, with around 150,000 in England. Maternity roosts tend to be found in buildings or trees. There is some evidence that older buildings are favoured, with woodland or water within 0.5km of the roost site. This is probably related to the fact most bats forage close to their roost sites, with individuals rarely travelling further than 1.5km to forage. Brown Long-eared Bats will disperse from roost sites using well-established flight lines, often along hedgerows and tree lines.

Brown Long-eared Bats typically emerge about 1 hour after sunset and forage in a wide variety of habitats including deciduous and coniferous woodland, parks, gardens and hedgerows. The diet of Brown Long-eared Bats is almost exclusively Lepidoptera, including many tympanate species.

The Brown Long-eared Bat differs from most other British bats in having broad wings and long ears, which are linked to its slow flight, and its ability to hover and thus glean insects from surfaces such as leaves.

Their echolocation calls are of low intensity and can only be detected over a short distance, and are of a form suitable for detecting prey in cluttered habitats. These low intensity calls may overcome defensive responses of tympanate moths, by enabling bats to approach close to prey without eliciting an escape response. In addition, the sensitive hearing of this species enables it to locate prey by passive listening, rather than by echolocation, which may alert some insects to the bat's presence.

Mating takes place in the autumn, but fertilisation is delayed until the following spring, as females store sperm inside their uterus during the winter hibernation. In April and May maternity roosts typically of 10-50 females form, and unlike many species of bats, males also occur in these roosts. A single young (rarely two) is produced around the middle of June. When the mother goes out to hunt, the young are left in a 'crèche'; they can fly after 3 weeks, and are independent at 6 weeks of age. The Brown Long-eared Bat can live to a maximum of 22 years, but the more likely average life span is 4.5 years.

Record of pairs of moth wings found below feeding roost

Date - 2009	24/07	25/7	26/7	27/7	28/7	17/8	18/8	19/8	21/8	22/8	23/8	Totals
Nothing			0							0	0	
Silver Y	88	4		3	5	32	1	1	2			136
Dark Arches	9					1						10
Common Wainscot	5											5
Large Yellow Underwing	3			1		1			1			6
Burnished Brass	3					1						4
Old Lady	2											2
Buff Ermine	2				1							3
Angle Shades	2											2
Ruby Tiger				2								2
Garden Tiger	1											1
Early Thorn	1											1
Hebrew Character	1											1
Heart & Dart	1											1
Marbled Minor Agg.	1											1
Rustic	1											1
Poplar Grey	1											1
Gothic	1											1
<i>Crambus perlella</i>	1											1
Drinker				1								1
Mother of Pearl						1						1
Total Moths	123	4	0	7	6	36	1	1	3	0	0	181
Species	17	1	0	4	2	5	1	1	2	0	0	20

Assuming a constant average of 2.6 moths per day as recorded from 24/7/09 to 15/8/09 it appears that the feeding roost came into use about the end of first week of June probably corresponding with the birth of young in the maternity roost.

Although the Silver Y is the main food of this bat (136 moths) it is not a very frequent catch in my trap only 13 moths from 17 nights trapping between first week of June to the 17th August.

I am hoping that this roost will be reused in 2010 when I will record the activity from the beginning.

I would be interested to hear from anyone who has made records of moth catches from bat roosts.

John Winterbottom

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National Moth Night, 2010

This year National Moth Night falls on 15th May and the theme is “Moths and Bats”, particularly appropriate in the light of John Winterbottom’s article, above. Subject to permission a moth event will be held on the coast at Winspit, a venue which has previously been very good for immigrant moths and with a very diverse range of flora. The cliffs there have many caves which should be home to large numbers of bats.

Anyone who has visited Winspit will know that it is a long walk from Worth Matravers (where there is both a pub and a car park) to the seashore. The numbers of vehicles allowed down to the shore will be limited to those with moth traps and generators, and these must be kept to a minimum. Anyone who wishes to join the party must be prepared for a walk down the stoney track. However the potential at this site which is virtually devoid of light pollution should make it a very worthwhile event.

Further details will be posted on the website.

National Moth Night is sponsored by Atropos and Anglian Lepidopterist Supplies.

Distribution list

Richard Adams	David Foot	Clive Pinder
Maureen Adams	Jim Fradgley	Jim Platts
Paul Benham	Julian Francis	Michael Plaxton
Brian Bewsher	David & Margaret Godfrey	Ted Pratt
Terry Box	Mike Hetherington	Steve Preddy
Peter Bruce-Jones	Tony Hibbert	Bill Raymond
Martin Cade	Les Hill	Bill Shreeves
Richard Caldow	Roy Hilton	Bernard Skinner
Norman & Barbara Cape	Pam Hunt	Roger Smith
Peter Clarke	Alan Kennard	Jean Southworth
Emma Cockburn	Dave & Jan Kingman	Nigel Spring
Ray Cook	Richard Lambert	Bob Steedman
Chris Court	David Leadbetter	Phil Sterling
Jonathan Cox	Chris Manley	Peggy Taylor
Peter Davey	Kevin McCabe	Mark Tunmore
Lawrie & Bridgette De Whalley	Tom Morris	Mark Weaver
Peter Darch	John Newbould	John Winterbottom
Roy & Sue Eden	Stephen Palmer	Hugo Wood-Homer
Brian Elliott	Mark Parsons	Bridgit Young
Phyl England	Sue Philp	