

MOTHS OF DORSET

NEWSLETTER NO 8

31 MARCH 2001

INTRODUCTION

Welcome to the 8th Dorset Moth Recorders Network newsletter. Recording in the county continues steadily, and thank you to all those who have recently submitted last year's lists. We know a number were disappointed with the weather, yet again, and this deterred you from trapping as regularly as you had hoped. However, as you see from the records described below plenty of interesting species were found.

A number of you enquire annually about when 'the book' on the moths of Dorset will appear. The delay is Phil's, not Peter's, but Phil and David Jeffers have been working hard on data entry this past winter. Many thanks are owed to David who has steadfastly entered micromoth records onto the Recorder database and the vast majority of data on micros needed for the book is now stored electronically. It is our intention to have draft chapters of 'the book' ready by Christmas 2001, with a publication the following year.

It is hard not to be gloomy about the prospects for this coming season whilst we remain in the grips of the 'foot and mouth' outbreak. As we write, some countryside sites are starting to reopen and, providing Dorset remains at low risk, then perhaps we will be able to get out to more sites by the summer. A list of publicly accessible sites can be viewed on the Dorset County Council website at www.dorset-cc.gov.uk.

We had hoped that we would have a few more notes and observations to add to this year's newsletter, but there was no flood of text! A few snippets are included in the hope of more in future years.

Searching for Red-tipped Clearwing larvae (Dave Foot)

In my experience the best way to find larvae or pupae of Red-tipped Clearwing is to search the branches of osier trees for breaks or damaged bark at the end of May, early June. Then carefully peel back the bark around the damaged area and quite often a larva or pupa can be found. I have never found them looking for the girdles left by the larvae, as finding breaks or damaged bark is easier. I have also come across larvae and pupae of Lunar Hornet Moth whilst searching for Red-tipped Clearwings.

Dark-barred Twin-spot Carpet (Phil Sterling)

I have had a concern for several years now about what I believe has been a serious decline in records of Dark-barred Twin-spot Carpet. It was a species I used to find commonly, say, at least 15 years ago, but I have not seen the species in the past two years. Is this an observation shared by others? Please could you keep a look out for the species this year? If any of you are unsure about distinguishing DBTS Carpet from Red Twin-spot Carpet, Skinner gives reasonable characters, providing the specimen is sitting flat. However, the underside also shows a helpful character – only RTS Carpet has distinct wavy tramlines, whilst DBTS Carpet is much more plane.

Burnets - an error

Our apologies are owed to Roger Smith for an error in transcription in his article in last year's newsletter on burnets. The entry for 9th July Gilling Down should have read 'Three filipendulae seen.'

Moth recording events for 2001

Mark Forster has kindly offered to organise the diary of moth recording events for this year. These are events organised and publicised through Butterfly Conservation (Dorset Branch) to which the public are invited, unless stated. Only one event is currently programmed for National Moth Night on Saturday 11th August and if you wish to organise an event please contact Mark Forster. Some of these events may have to be cancelled if 'foot and mouth' restrictions continue.

Melbury Park Friday 22nd June or Friday 29th June, 8pm. NOT OPEN TO PUBLIC

Set traps across Ilchester Estate land around Melbury Park on looking for Double Line. Meet at Evershot Green (ST575046). Organiser Phil Sterling & Richard Squires, Deer Warden; this event is only open to Moth Network members and is weather dependent; please ring Phil on 01 305 772844 if you wish to join in on the evening.

Charmouth Landslips Thursday 5th July, 10am - 4pm

DERC Invertebrate Workshop. Spend the day examining invertebrates, including moths, on the landslips. Meet at the Charmouth Heritage Centre (SY364930) first to examine moth traps set the previous evening. Organiser Nick Button (at DERC) and Phil Sterling. Please book your place with Nick on 01 305 225081; there is a charge of £5.00 for the day. If you help Phil with trapping the previous evening, attendance the following day is free - please contact Phil on 01305 772844 if you wish to help.

Higher Hyde Nature Reserve Sunday 8th July, 9am

View last night's catch on this heathland reserve. Meet at the reserve car park (SY853900). Organiser Mark Forster - if you wish to help recording during the previous evening, please ring Mark on 01 305 833464.

Studland Saturday 21st July, 9pm

Watch moths in the late evening on the Studland National Nature Reserve. Meet at the gate along the Studland Beach Road (SYSZ030857). Organiser Chris Manley - if you want to help Chris do the trapping, please contact him on 01 929 553933.

Melbury Park Saturday 28th July, 9am

View last night's catch in the Deer Warden's garden. Meet at Evershot Green (ST575046). Organiser Phil Sterling & Richard Squires - please ring Phil on 01 305 772844 if you wish to attend, or help with trapping the previous evening.

Radipole Lake Nature Reserve Friday 3rd August, 9pm

Watch moths in the late evening on one of Weymouth's nature reserves. Meet at the Radipole Lake car park (SY675796). Organiser Mark Forster - if you wish to help with the trapping, please ring Mark on 01 305 833464.

Kingcombe Nature Reserve Sunday 12th August, 9am (for National Moth Night)

View last night's the catch on this mixed grassland and woodland reserve. Meet at the Kingcombe Centre (SY554990). Organisers Mark Forster & Phil Sterling - if you wish to help Mark & Phil spread traps across Kingcombe and Powerstock reserves, please ring Mark on 01 305 833464, or Phil on 01 305 772844.

Winfrith Heath Nature Reserve Saturday 18th August, 9am

View last night's catch on this new heathland reserve. Meet at the reserve car park (SY804863). Organiser Mark Forster - if you wish to help recording during the previous evening, please ring Mark on 01 305 833464.

Lodmoor Nature Reserve Friday 24th August, 8.30pm

Watch moths in the late evening on one of Weymouth's nature reserves. Meet at the first entrance to the reserve (the Beachdown Way path) along Southdown Avenue, Preston (SY690816). Organiser Mark Forster - if you wish to help with the trapping, please ring Mark on 01 305 833464.

Kingcombe Nature Reserve Sunday 2nd September, 9am

View last night's the catch on this mixed grassland and woodland reserve. Meet at the Kingcombe Centre (SY554990). Organiser Nigel Spring - if you wish to help Nigel with the trapping please ring him on 01 300 320684.

2000 MACRO MOTH RECORDS

Peter Davey

The year 2000 continued the run of rather mediocre summers weather-wise. The season's shortcomings did not put off our regular network contributors and the ample and excellent list below highlights many interesting indigenous (* denotes Biodiversity Action Plan species) and immigrant moth species.

Numerous records of Chalk Carpet (*) were received from calcareous soil localities across the county. Devon Carpet moths were observed in several new localities in the north and west of the county during August. These are interesting and useful additions to the few existing records we have. Single Pinion-spotted Pugs were trapped on consecutive nights on chalk grassland adjacent to the River Stour. This site is a few miles down the road from a second site where a single Pinion-spotted Pug was trapped in the late 1980s. A single Thyme Pug found near Swanage suggests this rare species still hangs on in suitable thyme rich downland on the Purbecks. This is the first non-Portland record we have for fifty years. Dentated Pug from an area where the Moors and Stour rivers meet indicate a flourishing population in this part of east Dorset. A further record from Trigon hints at other small colonies in the Wareham area. This pug was trapped just to the east of Wareham in the 1990s. Chalk woodland sites yielded Drab Loopers (*), a species that is on the wing during the daytime in and around its wood spurge food plant. A chalk downland site harbouring good stocks of wild privet, yielded a single Barred Tooth-striped (*) to weak torchlight, the first Dorset record since the early-1980s. Single Lunar Thorns were trapped at Woolland in central Dorset ... this species probably occurs at a low density within suitable wooded localities on chalk soils in central and north Dorset. A small colony of the Narrow-bordered Bee Hawk (*) was detected on chalk downland in north Dorset. Later, larvae were found feeding on Small Scabious at this site. Small Scabious is apparently a new food plant for this rare Hawk moth. The Four-spotted Footman was caught on three nights in the far south-west of Dorset. These may have originated from a resident colony; a colony persisted at Upwey near Weymouth during the early 1960s. Twenty examples of the rare Nottigham Catchfly feeding White-spot (*) were observed on Purbeck, the highest number seen in any year in the county. There were nine records of the rarely seen Tawny Pinion from four widely separated sites across the county. The species is believed to favour isolated ash trees rather than ones in woodland settings, and the season must have been a good one considering the relatively large number of records received. Sweeping revealed several larvae of the Southern Chestnut at a new heathland site for the species in the east of the county. The seldom seen Orange Sallow was trapped at a new site in central Dorset; the caterpillar feeds on lime, an uncommon tree in Dorset. A single Anomalous was seen at Hengistbury Head in September another species seldom encountered in the county. The Waved Black has not previously been found to be resident in the county. All examples to date have been singletons coinciding with immigrations from abroad or from south-east England. However, four moths came to light on one night on the edge of a wood containing rotting birch trunks in a heathland locality. A sprinkling of Buttoned Snout (*) larval and adult stages were noted in river course habitats containing hop. We received only a few records of the Four-spotted from Portland (*).

Immigrant species peaked in the third week of June, the third week of August, the second and third weeks of September and the last few days of November. Notable or unusual immigrants included the Many-lined, Striped Hawk, Sand Dart, Radford's Flame Shoulder, Large Nutmeg, Purple Marbled, Latticed Heath, Ni, and Dewick's Plusia. A review of Roy Eden's reference collection at West Bexington uncovered a Many-lined masquerading as a Gem from 1993. Many of the commoner Iberian immigrants were trapped throughout the summer and early autumn across the more southern parts of the county. The Hummingbird Hawk, Cosmopolitan, White-speck, Dark Spectacle and Clouded Yellow butterfly had a particularly good year. A Scarce Tissue trapped at Walditch on 9 August may have originated from outside the county. The period between 6 to 9 August yielded a fascinating range of species not normally associated with the habitats where they were trapped ... possibly a rare instance of a large UK borne migration. The jury is still deliberating the origin of the Bloxworth Snout (*) trapped on 5 August on Portland, and may indicate a small colony on the island, the species having been seen five times in the previous two years there.

English Nature funded projects focusing on endangered moth species produced much valuable information during 2000. In excess of thirty second brood Dingy Mocha larvae were found in ten separate sites across the county, and this information will assist the project's aim to increase our understanding of this endangered species' precise habitat requirements. The year was also a success in locating a discrete colony of the Speckled Footman in the county. Twelve adult moths were found at a single heathland site, and earlier this year a single larva was found at the same site. Information gathered from a visit to Luneburg Heath near Hamburg in July has provided additional input to drafting specific micro habitat requirements for this species.

Records of nationally rare and nationally scarce species have been included, together with records of other interesting species such as immigrants and those not recently recorded in the county.

Records were gratefully received from:

CM – Chris Manley
DH - Derek Hallett
DAH – Don Humphrey
DT – Doug Taylor
GH – Gordon Hopkins
HW – Hugo Woodhomer
JB – Jeremy Burge
JHa – John Hammick
LW – Lawrie de Whalley
MB – Margaret Brooks
MC - Martin Cade
MF – Mark Foster

MJ - Mike Jeffes
MP – Mick Parker
MSP – Mark Parsons
PB – Paul Benham
PD - Peter Davey
PH - Paul Harris
PK - Peter Knight
PS - Phil Serling
RC - Rees Cox
RE - Roy Eden
RRC - Ray Cook
TP – Ted Pratt
WS – Bill Shreeves

Hepialus hecta **GOLD SWIFT** Morden, 12.7 (PS, PD, Peter Korbutt)
Adscita geryon **CISTUS FORESTER** Lyscombe, 11 in flight or at rest 11.6 (PD)
Adscita statures **FORESTER** Lyscombe, 18 in flight or at rest 11.6 (PD); North Dorset, numerous moths in flight 17.6 (PD); Portland, larvae 24.7 (MSP)
Zygaena trifolii **FIVE-SPOT BURNET ssp. decreta** Pamphill, 10 larvae on vetches 12.5, 22 in flight 27.6 (PD); Rooksmoor, in flight 21.6 (PD); Wareham Forest, in flight 23.6 (PD)
21.6 (PD); Wareham Forest, in flight 23.6 (PD)
Zygaena trifolii **FIVE-SPOT BURNET ssp. palustrella** North Dorset, hundreds of moths in flight 17.6 (PD); Zig Zag Hill, numerous moths in flight 18.6 (PD)
Apoda limacodes **FESTOON** Trigon, 28.6, 1.8 (CM); Holt Heath, 29.6 (MB); Morden, 2 on 6.7 (PD); Shapwick, 2 on 6.7 (PD); Sares Wood, 6.7 (MF); Upton Heath, 15.7 (PD); Wareham Forest, 2 on 18.7 (PD); Parley Common, 22 on 19.7 (PD, Neil Armour-Shalou); Upwey, 20.7 (PH); Puddletown, 22.7 (HW); Yellowham, 29.7 (DH)
Sesia bembeciformis **LUNAR HORNET** Studland, 11 exit holes in willow stumps 5.3 (PD); Lydlinch, 4 exit holes in willow stumps 17.3 (PD)
Synanthedon vespiformis **YELLOW-LEGGED CLEARWING** Boys Wood, 26 larvae found in cambium of large oak stumps (PD)
Synanthedon flaviventris **SALLOW CLEARWING** Whitesheet, 16 galls 27.2 (PD); Studland, 3 galls in outer willow stems 5.3, 12 galls in willow stems 16.3 (PD); Stoborough Heath, several galls 8.3 (PS); Holton Heath Marsh, 5 galls in outer willow stems 15.3 (PD); Gore Heath, 3 galls in outer willow stems 22.3 (PD); Hurn Forest, Merritown Heath, Gallows Hill, Corfe Mullen, adults bred from willow galls (RRC)
Synanthedon formicaeformis **RED-TIPPED CLEARWING** Studland, 7 galls in large willow branches 5.3, 3 galls in large willow branches 16.3 (PD); Gallows Hill, bred out in July from willow stem (RRC)
Bembecia scopigera **SIX-BELTED CLEARWING** West Bexington, 16.7, Cogden, 16.7 (MP)
Eriogaster lanestris **SMALL EGGAR** West Bexington, 25 between 8.3 and 25.4 (RE); Puddletown, 11.4 (HW); Upwey, 30.4 (PH); Badbury Rings, 14 larvae in web 9.6 (PD)
Lasiocampa trifolii **GRASS EGGAR** Studland, 5 on 19.8 (CM)
Pavonia pavonia **EMPEROR** Hengistbury Head, 7.4, 5.5, 9.5 (MJ); Hurn, 6.5, 8.5 (MJ); Sopley Common, by day 13.5 (PS); Sopley, 7.7 (MJ)
Cymatophorima diluta **OAK LUTESTRING** Yellowham, 3 on 29.8, 4 on 31.8, 2 on 4.9 (DH)
Achlya flavicornis **YELLOW HORNED** Hurn, 16 nights between 29.2 and 22.3 (MJ); Trigon, 6.3, 10 on 9.3, 13.3 (CM); Puddletown, 8.3, 9.3, 10.3 (HW); Hengistbury Head, 10.3 (MJ)
Polyplocia ridens **FROSTED GREEN** Woolland, 2 on 27.4 (PB); Hurn, 5.5 (MJ)
Archiearis parthenias **ORANGE UNDERWING** Studland, 2 in flight on 5.3, 3 in flight on 16.3 (PD); Sares Wood, in flight on 8.3 (PD); Throop Heath, 2 by day on 11.3, 2 by day on 12.3 (MF); Holton Heath Marsh, 6 in flight on 15.3 (PD)
Jodis lactearia **LITTLE EMERALD** Holt Heath, 5 on 29.6 (MB); Morden, 6.7 (PD); Puddletown, 8.7 (HW)
Comibaena bajularia **BLOTCHED EMERALD** Hurn, 8.6, 13.6, 19.6, 21.6, 22.6, 23.6 (MJ); Holt Heath, 4 on 24.6.1998, 4 on 16.6.1999, 4 on 29.6 (MB); Woolland, 3 on 28.6, 30.6 (PB); Milton-on-Stour, 30.6 (JB); Shapwick, 30.6 (PD)
Chlorissa viridata **SMALL GRASS EMERALD** Tadnoll, 4 disturbed from bog grasses on 7.6 (PD); Winfrith, 2 by day on 9.6 (MF); Studland Heath, disturbed from boggy track on 16.6 (PD); Wareham Forest, disturbed from edge of bog 16.6 (PD); Morden, 12.7 (PS, PD, Peter Korbutt)
Cyclophora pendularia **DINGY MOCHA** Holt Heath, larva from willow 5.6 (PD); Parley Common, 2 larvae from willow 8.6 (PD, RRC); Tadnoll, 2 larvae from willow 13.6 (PD); Hurn, 27.7 (MJ); Winfrith, 4 on 4.8 (Shaun Clancy); Arne, 8.8 (Peter Brash); Parley Common, 3 larvae from willow on 28.8 (RRC); Winfrith Heath, 6 larvae from willow 5.9 (Graham Collins, MSP); Throop Heath, 6 larvae from willow 6.9 (Graham Collins); Rooksmoor, 5 larvae from willow 11.9 (MSP); Alners Gorse, 5 larvae from willow 11.9 (MSP); Sandford, larva from willow 13.9 (MSP, Estella Roberts); Holton Heath Marsh, 2 larvae from willow 16.9 (PD)

Cyclophora annulata **MOCHA** Melbury Park 19.8 (PS, DH)

Cyclophora albipunctata **BIRCH MOCHA** Studland, 1.5 (CM); Hurn, 6.5, 8.5, 10.5, 14.5, 15.5, 18.5, 28.5, 30.5, 17.9 (MJ); Holton Heath Marsh, 2 on 7.5; Trigon, 9.5, 1.8 (CM); Parley Common, at rest on birch trunk 17.5 (PD); Holt Heath, 29.6 (MB); Morden, 12.7 (PS, PD, Peter Korbutt); Winfrith, 4.8 (Shaun Clancy); Swanage, 7.8 (TP)

Scopula immutata **LESSER CREAM WAVE** Sopley, 3.6 (MJ); Hengistbury Head, 5.7 (MJ); Trigon, 21.7 (CM, PD)

Scopula floslactata **CREAM WAVE** Pamphill, disturbed by day 12.5 (PD); Chetterwood, 6 disturbed by day 22.5 (PD); Holt Heath, at rest on pine trunk 30.5 (PD); Puddletown, 7.6 (HW); Preston, 24.6, 20.7 (PK); West Hill, 22.7 (CM)

Scopula marginepunctata **MULLEIN WAVE** Hengistbury Head, 15.5, 4.6, 14.6 (MJ); West Bexington, 3.6, 12 nights between 20.7 and 12.9 (RE); Puddletown, 25.6 (HW); Portland 29.6 (PS, PH, MF)

Idaea muricata **PURPLE-BORDERED GOLD** Wareham Forest, 2 in flight on 23.6 (PD); Highwood Heath, 2 disturbed on 25.6 (PD); Lulworth Heath, disturbed on 25.6 (PD); Simpson's Pond, disturbed on 25.6 (PD); Morden, in flight on 26.6 (PD), in flight on 3.7 (PD), 12.7 (PS, PD, Peter Korbutt); Canford Heath, 2 in flight on 5.7 (PD); Upton Heath, 6 in flight on 6.7 (PD); Dorset heath, 20.7

Idaea sylvestriaria **DOTTED BORDER WAVE** Hengistbury Head, 29.6, 2.7 (MJ); Morden, 2 on 6.7 (PD), 6 on 12.7 (PS, PD, Peter Korbutt), 8 on 31.7 (PD); Arne, 7 on 5 nights between 14.7 and 31.7 (Peter Brash); Upton Heath, 15.7 (PD); Wareham Forest, 2 on 18.7 (PD); Winfrith, 6 at dusk on 18.7 (MF); Parley Common, 2 on 19.7 (PD, Neil Armour-Shalou); Dorset heath, 20.7; Canford Heath, 2 on 25.7 (PD); Swanage, 27.7 (RC), 10.8 (TP)

Idaea fuscovenosa **DWARF CREAM WAVE** Hengistbury Head, 29.6, 8.7, 19.7, 21.7, 24.7, 1.8 (MJ); Shapwick, 29.6 (PD); Trigon, at lighted window on 6.7, 1.8 (CM); Upton Heath, 15.7 (PD); Canford Heath, 2 on 20.7; Seacombe, 12.8 (CM)

Idaea seriata **SMALL DUSTY WAVE** Swanage, 7.6, 18.6, 23.6, 25.6, 29.6, 3.7, 6.7, 16.7, 17.7, 7.8 (TP); Weymouth, 6 between 15.6 and 24.8 (MF); Upwey, 8 between 17.6 and 12.9 (PH); Swanage, 25.6, 18.8, 25.8 (RC); Preston, 1.7 (PK); West Bexington, 8.9 (RE); Merley, 24.9, 25.9 (JHa)

Idaea trigeminata **TREBLE BROWN-SPOT** Swanage, 7.6, 18.6 (TP); Weymouth, 7 between 10.6 and 3.7 (MF); Preston, 16.6, 18.6, 26.6 (PK); Puddletown, 11 nights between 16.6 and 6.7 (HW); Swanage, 24.6 (RC); Hengistbury Head, 29.6, 4.7 (MJ); Holt Heath, 3 on 29.6 (MB); Upton Heath, 15.7 (PD)

Idaea emarginata **SMALL SCALLOP** Hurn, 24.7 (MJ)

Idaea degeneraria **PORTLAND RIBBON WAVE** Portland, 29.6 (PS, PH, MF)

Idaea straminata **PLAIN WAVE** Holt Heath, 24.6.1998, 2 on 29.6 (MB); Morden Heath, 4 on 12.7 (PS, PD, Peter Korbutt), 31.7 (PD); Parley Common, 2 on 19.7 (PD, Neil Armour-Shalou); Bere Regis, 20.7 (JHa); Hurn, 26.7 (MJ); Trigon, 28.7, 1.8 (CM); Trigon, 21.7 (PD); Winfrith, 4.8 (Shaun Clancy)

Scotopteryx bipunctaria **CHALK CARPET** Charmouth, 8.7 (MSP); Durdle Dor, 15.7 (MSP); Eypes Mouth, 18.7 (MSP); Hod Hill, disturbed by day 19.7 (PD, John Tubb); Portland, 3 on 24.7, 9.8 (MSP), several flushed up by day 29.7 (RRC); Ballard Point, 4.8 (CM); Portland, 10 on 5.8 (PS, MSP); Seacombe, 20 on 12.8 (CM); Portland, 5.9 (MSP)

Catarhoe rubidata **RUDDY CARPET** Portland, 29.6 (PS, PH, MF); West Bexington, 7.7 (RE); Shapwick, 23.7 (PD)

Catarhoe cuculata **ROYAL MANTLE** West Bexington, 13.7, 27.7 (RE); Portland Bird Observatory, 16.7 (MC)

Epirrhoe rivata **WOOD CARPET** Puddletown, 13.6, 2 on 17.6, 2 on 19.6, 26.6, 28.6, 29.6, 1.7, 2.7, 6 on 13.7, 14.7, 21.7, 1.8 (HW); Upwey, 17.6, 8.8 (PH); Kingcombe, 23.7 (PS, PH, MF); Woolland, 2 on 30.7 (PB)

Epirrhoe galiata **GALIUM CARPET** St. Alban's Head, 14.5 (CM); Purbeck, 29.5, 2.6, 5 on 17.6 (CM); North Dorset, at rest 17.6 (PD); West Bexington, 12.7, 14.7, 15.7, 8.8 (RE); Portland, 29.6 (PS, PH, MF); Seacombe, 9 on 12.8 (CM); Puddletown, 17.8, 9.9 (HW)

Costaconvexa polygrammata. **MANY-LINED** West Bexington, 5.8.1993 (RE); Portland Bird Observatory, 19.6 (MC)

Larentia clavaria **MALLOW** Hengistbury Head, 19.9, 4.10, 5.10, 6.10, 16.10, 18.10 (MJ); West Bexington, 10 nights between 23.9 and 27.10 (RE); Hurn, 7.10, 15.10, 16.10 (MJ)

Lampropteryx otregiata **DEVON CARPET** Shaftesbury, 8.8 (WS); Powerstock Common, by day 8.8 (MSP); Melbury Park, 19.8 (PS, DH)

Pelurga comitata **DARK SPINACH** Ferndown, 31.7 (RRC)

Eulithis prunata **PHOENIX** Preston, 19.6, 5.7, 28.7, 30.7, 8.8, 14.8 (PK); Swanage, 26.6, 28.6 (RC); Puddletown, 27.6, 28.6, 2.7, 4.7, 5.7, 2 on 7.7, 3 on 15.7, 23.7, 2.8 (HW); Swanage, 1.7, 6.7 (TP), 2 on 31.7 (RC); Weymouth, 3.7, 4.7 (MF); West Bexington, 6.7, 13.7 (RE); Kingcombe, 23.7 (PS, DH); Hurn, 26.7 (MJ); Milton-on-Stour, 28.7 (JB)

Eulithis mellinata **SPINACH** Shapwick, 18.6 (PD)

Chloroclysta citrata **DARK MARBLED CARPET** Melbury Park, 19.8 (PS, DH)

Thera cupressata **CYPRESS CARPET** West Bexington, 14.5, 15.5, 10.7, 2 on 13.7, 14.7, 20.10, 7.11 (RE); Upwey, 17.6, 1.7, 3.7, 6.7 (PH); Swanage, 30.6 (RC)

Colostygia multistrigaria **MOTTLED GREY** West Bexington, 11.3 (RE); Shapwick, 22.3 (PD)

Hydriomena ruberata. **RUDDY HIGHFLYER** Weymouth, 9.6 (PS)

Melanthia procellata **PRETTY CHALK CARPET** Puddletown, 27 nights between 13.5 and 11.9 (HW); Shapwick, 2.6, 2 on 22.8 (PD); Purbeck, 2.6 (CM); Portland, 29.6 (PS, PH, MF); Swanage, 12.8 (RC)

Rheumaptera cervinalis **SCARCE TISSUE** Walditch, 9.8 (MSP)

Philereme transversata **DARK UMBER** West Bexington, 20.7, 24.7 (RE); Puddletown, 23.7 (HW); Kingcombe, 23.7 (PS, PH, MF); Upwey, 24.7 (PH); Shapwick, 31.7 (PD)

Euphyia biangulata **CLOAKED CARPET** Trigon, 28.6 (CM); Puddletown, 7.7 (HW); Keyworth, 2 on 18.7 (HW); Parley Common, 19.7 (RRC, DAH); Yellowham, 20.7 (DH); West Bexington, 24.7 (RE); Arne, 29.7 (Peter Brash); Hurn, 1.8 (MJ)

Euphyia unangulata **SHARP-ANGLED CARPET** Hengistbury Head, 22.6, 29.6 (MJ); Pamphill, beaten from scrub 27.6 (PD); Affpuddle, at dusk on 7.7 (MF); Trigon, 21.7 (CM, PD); Trigon, 28.7 (CM); Kingcombe, 23.7 (PS, PH, MF); Weymouth, 7.8 (MF)

Perizoma bifaciata **BARRED RIVULET** Preston, 30.7 (PK); Shapwick, 2 on 31.7, 2 on 4.8 (PD); West Bexington, 13.8 (RE)

Perizoma didymata **TWIN-SPOT CARPET** Yellowham, 21.6, 28.6 (DH); Powerstock Common, 21.7 (RRC, DAH, Andy Page)

Eupithecia tenuiata **SLENDER PUG** West Bexington, 19.7, 24.7, 28.7, 14.8 (RE); Puddletown, 21.7, 4 on 28.7, 2 on 31.7, 3.8 (HW); Walditch, 27.7 (MSP); Woolland, 27.7, 30.7, 5.8 (PB); Ferndown, 31.7 (RRC)

Eupithecia inturbata **MAPLE PUG** Woolland, 20.7, 27.7, 2 on 30.7, 5.8, 6.8 (PB); Shapwick, 2 on 31.7, 4.8 (PD); Milton-on-Stour, 31.7 (JB); Puddletown, 2 on 31.7 (HW); Walditch, 8.8 (MSP)

Eupithecia satyrata **SATYR PUG** Fontmell Down, 2 swept from sheltered grassland on 4.6 (PD)

Eupithecia linariata **TOADFLAX PUG** Upwey, 22.7, 8.8 (PH); West Bexington, 1.8, 8.9, 12.9 (RE); Preston, 8.8 (PK)

Eupithecia insigniata **PINION-SPOTTED PUG** Shapwick, 8.5, 9.5 (PD)

Eupithecia assimilata **CURRENT PUG** Weymouth, 9.5 (PS, PH, MF); Upwey, 12.5, 3.6, 13.8, 2 on 15.8, 2 on 17.8, 21.8 (PH); Wimborne, 15.5.1998 (MB); Weymouth, 29.5, 30.6 (MF); Woolland, 2 on 3.6 (PB); Swanage, 6.8, 18.8 (TP); West Bexington, 19.8 (RE)

Eupithecia tripunctaria **WHITE-SPOTTED PUG** Puddletown, 6.5, 2 on 16.6, 19.6, 29.6, 30.7 (HW); Shapwick, 8.5, 15.5, 7.8 (PD); Trigon, 16.5 (CM); Upwey, 4.6, 8.8 (PH)

Eupithecia succenturiata **BORDERED PUG** Puddletown, 18.6, 2.7, 5.7, 13.6, 16.7 (HW); Shapwick, 30.6 (PD); Walditch, 27.7 (MSP)

Eupithecia subumbrata **SHADED PUG** Shillingstone, disturbed on 28.5 (PD); Badbury Rings, beaten from blackthorn on 3.6 (PD); Fontmell Down, beaten from hawthorn scrub on 4.6 (PD); Shapwick, 18.6 (PD); Upwey, 18.6 (PH); Portland, 29.6 (PS, PH, MF); Weymouth, 30.6 (MF); Hengistbury Head, 6.7, 21.7 (MJ)

Eupithecia simpliciatia **PLAIN PUG** West Bexington, 17.7, 20.7, 26.7, 3.8 (RE); Woolland, 27.7 (PB); Upwey, 4.8 (PH)

Eupithecia distinctaria **THYME PUG** Ballard Down, 18.6 (CM); Portland, 29.6 (PS, PH, MF)

Chloroclystis chloerata **SLOE PUG** West Bexington, 18.6, 6.7 (RE); Puddletown, 28.6 (HW)

Anticollis sparsata **DENTATED PUG** Hurn, 5.7 (MJ); Trigon, 7.7 (CM); Merritown Heath, larvae numerous on yellow loosestrife 5.8 (Mike Skelton)

Odezia atrata **CHIMNEY SWEEPER** Povington Wood, 4 disturbed or in flight 10.6 (PD); Whiteway Fen, 17 disturbed or in flight 10.6 (PD)

Euchoeca nebulata **DINGY SHELL** Puddletown, 15.5, 16.5 (HW); Hurn, 30.6, 27.7, 30.7 (MJ); Shapwick, 6.7 (PD); Woolland, 20.7 (PB); Trigon, 1.8 (CM); Walditch, 8.8 (MSP)

Mythimna turca **DRAB LOOPER** Chetterwood, 21 in flight on 22.5 (PD); Chase Wood, 18.7 (DT)

Lobophora halterata **SERAPHIM** Ferndown, 9.5 (RRC); Milton-on-Stour, 10.5, 13.5, 30.5 (JB); Preston, 14.5 (PK); Hurn, 23.5 (MJ)

Trichopteryx polycommata **BARRED TOOTH-STRIPED** North Dorset, at torch light 22.3 (PD)

Semiothisa clathrata **LATTICED HEATH** Portland Bird Observatory, 26.8, 25.9 (MC)

Cepphis advenaria **LITTLE THORN** Pallington Heath, by day 14.5 (MF); Sares Wood, by day 3.6, 4.6 (MF)

Ennomos quercinaria **AUGUST THORN** Puddletown, 28.7 (HW); Yellowham, 2 on 1.8 (DH); Shapwick, 4.8 (PD)

Selenia lunularia **LUNAR THORN** Woolland, 29.5, 10.6 (PB)

Apocheima hispidaria **SMALL BRINDLED BEAUTY** Hurn, 5.3, 9.3, 11.3 (MJ); Woolland, 6.3 (PB)

Deileptenia ribeata **SATIN BEAUTY** Yellowham, 28.6, 7.7 (DH); Powerstock Common, 21.7 (RRC, DAH, Andy Page); Melbury Park, 19.8 (PS, DH)

Selidosema brunnearia **BORDERED GREY** Wareham Meadows, 11.8 (Peter Brash); Parley Common, 11.8 (RRC)

Serraca punctinalis **PALE OAK BEAUTY** Old Harry, 9.5 (CM); Sopley Common, 12.5 (PS); Hurn, 15.5, 22.5 (MJ)

Cleora cinctaria **RINGED CARPET** Shapwick, 7.5 (PD); Ferndown, 9.5 (RRC); Trigon, 3 on 9.5 (CM); Parley Common, at rest on pine trunk 17.5 (PD)

Ectropis crepuscularia **SMALL ENGRAILED** Puddletown, 24.4, 30.4, 9.6 (HW); Trigon, 9.5 (CM); Preston, 12.5 (PK); Hurn, 21.5 (MJ); Holt Heath, larva beaten from sallow on 5.6 (PD); Stoborough Heath, 2 larvae beaten from sallow on 7.6 (PD); Parley Common, larva beaten from sallow on 8.6 (PD)

Aethalura punctulata **GREY BIRCH** Studland, 1.5, 9.5 (CM); Hurn, 9.5, 10.5, 25.5 (MJ)

Lomographa bimaculata **WHITE PINION-SPOTTED** Puddletown, 6.5, 16.5 (HW); Gillingham, 13.5 (GH)

Gnophos obscurata **ANNULET** Morden, 31.7 (PD); Portland, 5.8 (PS, MSP)

Aspitates ochrearia **YELLOW BELLE** Durlston, disturbed from grassland on 29.4 (PD); Hurn, 14.5 (MJ); West Bexington, 10 between 14.5 and 5.6, 29 between 17.8 and 8.9 (RE); Hengistbury Head, 20.5, 21.5, 1.6, 3.6, 6.6, 7.6, 10.6, 8.9, 9.9, 11.9 (MJ); Seacombe, 8.6 (CM); Chesil, 17.6 (PS, MJ, M Holloway); Weymouth, 26.8 (MF)

Dyscia fagaria **GREY SCALLOPED BAR** Shapwick, 2.6 (PD)

Perconia strigillaria **GRASS WAVE** Stoborough Heath, disturbed from heather on 7.6 (PD); St. Leonard's Peats, disturbed on 15.6 (PD); Studland Heath, 3 disturbed on 16.6 (PD); Holt Heath, 16.6.1999 (MB)

Hemaris tityus **NARROW-BORDERED BEE HAWK** North Dorset, 9 in flight or at rest on 17.6 (PD); North Dorset, 4 larvae on small scabious 14.7 (PS, MSP, N Bourn)

Hemaris fuciformis **BROAD-BORDERED BEE HAWK** Hurn, 9.5 (MJ); Stoborough Heath, 2 in flight by day on 7.6 (PD)

Hyles lineata livornica **STRIPED HAWK** Puddletown, 21.6 (HW)

Furcula bifida **POPLAR KITTEN** Milton-on-Stour, 1.6 (JB); Woolland, 10.6 (PB)

Odontostia carmelita **SCARCE PROMINENT** Trigon Ford, 3 on 29.4 (CM); Hurn, 2.5, 3.5, 4.5 (MJ)

Leucoma salicis **WHITE SATIN** Hurn, 13.7, 17.7, 21.7, 24.7, 26.7, 27.7, 30.7 (MJ); Milton-on-Stour, 21.7 (JB)

Dicallomera fascelina **DARK TUSOCK** Stoborough Heath, larva on heather 7.6 (PD); Arne, 13 on 6 nights between 8.7 and 29.7 (Peter Brash); Upton Heath, 15.7 (PD); Dorset heath, 20.7

Nudaria mundana **MUSLIN FOOTMAN** Portland, 7 larvae on underside of flat rock lying on quarry floor 13.3 (PD); Portland, 29.6 (PS, PH, MF); West Bexington, 5.7, 7.7, 16.7, 21.7, 24.7, 28.7 (RE)

Atolmis rubricollis **RED-NECKED FOOTMAN** Puddletown, 19.6 (HW); Sares Wood, 5 on 6.7 (MF)

Eilema sororcula **ORANGE FOOTMAN** Shapwick, 2 on 7.5, 8.5, 9.5, 12.5, 15.5, 7.6, 2 on 17.6 (PD); Puddletown, 10.5, 13.5, 2.6, 16.6 (HW); Hurn, 12.5, 22.5 (MJ); Trigon, 14.5 (CM); Ackling Dyke, 31.5 (PD); Weymouth, 15.6 (MF)

Lithosia quadra **FOUR-SPOTTED FOOTMAN** Walditch, 29.7, 8.8, 9.8 (MSP)

Coscinia cribraria **SPECKLED FOOTMAN** Dorset heath, 3 on 20.7; Dorset heath, 9 on 22.7

Parasemia plantaginis **WOOD TIGER** North Dorset, at rest on ground 17.6 (PD)

Arctia villica **CREAM-SPOT TIGER** Hengistbury Head, 14 nights between 22.5 and 24.6 (MJ); West Bexington, 33 between 30.5 and 24.6 (RE); Shapwick, 2.6 (PD); Purbeck, 4 on 2.6 (CM); Trigon, 7.6 (CM); Preston, 2 on 7.6, 16.6 (PK); Seacombe, 10 on 8.6 (CM); Chesil, 2 on 17.6 (PS)

Euplagia quadripunctaria **JERSEY TIGER** West Bexington, 54 between 18.7 and 26.7 (RE); Walditch, 41 between 20.7 and 29.8 (MSP); Abbotsbury, 4.8, 5.8, 2 on 6.8 (Cliff Rogers); Portland Bird Observatory, 22.8, Southwell, 26.8 (MC)

Meganola albula **KENT BLACK ARCHES** West Bexington, 28 nights between 6.7 and 12.8 (RE); Preston, 27.6, 3 on 6.7, 2 on 24.7, 31.7 (PK); Chickerell, 1.7 (PS, DH); Trigon, 6.7, 28.7, 31.7, 1.8 (CM); Hengistbury Head, 21.7 (MJ); Trigon, 21.7 (CM, PD); Milton-on-Stour, 21.7 (JB); West Hill, 6 on 22.7 (CM); Weymouth, 23.7 (PS); Puddletown, 28.7 (HW); Arne, 29.7, 31.7 (Peter Brash); Upwey, 30.6, 23.7 (PH); Weymouth, 31.7, 8.8, 9.8 (MF)

Agrotis cinerea **LIGHT FEATHERED RUSTIC** Woolland, 22.5, 2.6 (PB); Purbeck, 29.5, 2 on 2.6 (CM); Seacombe, 8 on 8.6 (CM)

Agrotis trux **CRESCENT DART** Walditch, 5.7, 24.7, 31.7 (MSP); West Bexington, 18 between 5.7 and 13.8 (RE); Weymouth, 23.7 (PS); Weymouth, 29.7 (MF); Ballard Point, 4 on 4.8 (CM); Portland, 5.8 (PS, MP); Seacombe, 12.8 (CM)

Agrotis vestigialis **ARCHER'S DART** Studland, 15 on 19.8 (CM)

Agrotis ripae **SAND DART** Portland Bird Observatory, 20.6 (MC); Hengistbury Head, 23.6, 1.7 (MJ)

Ochropleura leucogaster **RADFORD'S FLAME SHOULDER** Walditch, 29.11 (MSP)

Standfussiana lucerneae **NORTHERN RUSTIC** Ballard Point, 4.8 (CM)

Paradiarsia glareosa **AUTUMNAL RUSTIC** Hurn, 6.9, 22.9 (MJ); Hengistbury Head, 10 nights between 9.9 and 7.10 (MJ); Winterbourne, 12.9 (LW); Woolland, 16.9 (PB); West Bexington, 24.9 (RE); Puddletown, 30.9 (HW)

Xestia agathina **HEATH RUSTIC** Hurn, 2.9, 5.9, 6.9, 10.9, 14.9, 21.9 (MJ); Hengistbury Head, 2.9, 9.9, 10.9, 17.9 (MJ); Upwey, 9.9 (PH); Studland, 9.9 (CM); Hengistbury Head, 2 on 9.9 (PS, MJ); Portland Bird Observatory, 13.9 (MC); Merley, 2 on 25.9 (JHa)

Naenia typica **GOTHIC** Upwey, 15.7 (PH); Merley, 15.7 (JHa); Hurn, 17.7, 31.7 (MJ); Puddletown, 17.7 (HW); Preston, 19.7, 20.7 (PK); Gillingham, 13.5 (GH); Woolland, 27.7 (PB); Corfe Common, 7.8 (CM); Ferndown 16.8 (RRC)

Lacanobia contigua **BEAUTIFUL BROCADE** Sopley, 12.5 (PS); Holt Heath, 24.6.1998, 2 on 16.7.1999 (MB); Hurn, 21.6, 23.6 (MJ); Trigon, 28.6, 7.7 (CM); Wareham Forest, 28.6, 2 on 18.7(PD); Morden, 2 on 6.7 (PD), 12.7 (PS, PD, Peter Korbutt); Canford Heath, 3 on 13.7 (PD); Dorset heath, 3 on 20.7

Lacanobia suasa **DOG'S TOOTH** Hengistbury Head, 37 nights between 30.4 and 6.8 (MJ); Weymouth, 10 between 29.5 and 12.8 (MF); Upwey, 2.6, 24.7, 26.8, 28.8 (PH)

Hadena perplexa **TAWNY SHEARS** Swanage, 30.5 (TP), 30.7 (RC)

Hadena compta **VARIED CORONET** Gillingham, 6.7 (GH); West Bexington, 14.7 (RE)

Hadena albimaculata **WHITE SPOT** Preston, 6.5 (PK); Purbeck, 2 on 29.5, 4 on 2.6, 14 on 17.6 (CM)

Orthosia miniosa **BLOSSOM UNDERWING** Hurn, 4.5 (MJ)

Orthosia populeti **LEAD-COLOURED DRAB** Hurn, 27 nights between 2.3 and 6.4 (MJ)

Orthosia opima **NORTHERN DRAB** West Bexington, 2.5 (RE); Puddletown, 6.5 (HW)

Mythimna litoralis **SHORE WAINSCOT** Studland, 2.7, 100 on 19.8 (CM); Hengistbury Head, 26.7, 30.7, 6.8 (MJ), 9.9 (PS, MJ)

Mythimna obsoleta **OBSCURER WAINSCOT** Hengistbury Head, 16.6, 28.6 (MJ)

Mythimna loreyi **COSMOPOLITAN** West Bexington, 19.6 (RE); Shapwick, 20.6, 19.10 (PD); Portland Bird Observatory, 2 on 20.6, 30.9, 11.10 (MC); Upwey, 25.6 (PH); Puddletown, 23.9 (HW); Old Harry, 2 on 1.10 (CM); Weymouth, 6.10 (MF); Merley, 22.10 (JHa)

Cucullia chamomillae **CHAMOMILE SHARK** Puddletown, 9.3, 3.5 (HW); West Bexington, 24.3 (RE); Hengistbury Head, 9.5 (MJ)

Dasytopia templi **BRINDLED OCHRE** Arish Mell, 6.5 (PD); Weymouth, 7.10 (MF); West Bexington, 15.10 (RE)

Aporophyla australis **FEATHERED BRINDLE** Walditch, 21.9, 23.9 (MSP)

Scopula emutaria **RED SWORD-GRASS** Hurn, 6.10 (MJ)

Lithophane semibrunnea **TAWNY PINION** Puddletown, 14.3, 8.5, 19.10 (HW); Woolland, 17.3, 7.11 (PB); Shapwick, 30.4, 5.5, 7.5 (PD); Trigon, 18.10 (CM)

Polymixis flavicincta **LARGE RANUNCULUS** Upwey, 14.9 (PH); West Bexington, 16.9, 21.9, 2.10 (RE); Walditch, (MSP)

Eumichichtis lichenea **FEATHERED RANUNCULUS** Hurn, 11.9 (MJ)

Conistra rubiginea **DOTTED CHESTNUT** Shapwick, 3.2 (PD); Hengistbury Head, 23.2, 25.10 (MJ); Trigon, 2 on 9.3, 9.5 (CM); Arne, 10.3, 22.3, 8.4 (Peter Brash); Puddletown, 11.3, 7.5 (HW); Hurn, 12.3 (MJ); Woolland, 17.3 (PB); Preston, 17.3 (PK); Portland Bird Observatory, 21.6 (MC)

Agrochola helvola **FLOUNCED CHESTNUT** Hengistbury Head, 5.10 (MJ); Hurn, 26.9 (MJ)

Agrochola haematidea **SOUTHERN CHESTNUT** Sopley Common, 5 larvae swept 12.5 (MJ)

Xanthia citrigo **ORANGE SALLOW** Puddletown, 9.9, 20.10 (HW)

Parastichtis suspecta **SUSPECTED** Walditch, 5.7 (MSP); Parley Common, 19.7 (PD, Neil Armour-Shalou); Hengistbury Head, 21.7 (MJ); Hurn, 26.7 (MJ)

Mormo maura **OLD LADY** Woolland, 20.7 (PB); Merley, 15.7 (JHa); Higher Halstock Leigh, 25.8 (MP)

Ipimorpha retusa **DOUBLE KIDNEY** Corfe Common, 7.8 (CM); Parley Heath, 11.8 (RRC)

Ipimorpha subtusa **OLIVE** Hurn, 21.7, 24.7, 27.7, 30.7, 31.7 (MJ); Puddletown, 22.7 (HW); Preston, 2 on 28.7, 30.7, 8.8 (PK); Trigon, 1.8 (CM); West Bexington, 3.8, 6.8, 9.8 (RE); Ballard Point, 4.8 (CM); Milton-on-Stour, 4.8, 6.8, 13.8, 18.8 (JB); Walditch, 5.8 (MSP)

Enargia ypsilon **DINGY SHEARS** Milton-on-Stour, 4.7 (JB); Swanage, 31.7 (RC); Shapwick, 7.8 (PD)

Apamea sublustris **REDDISH LIGHT ARCHES** Shapwick, 1.7 (PD); Woolland, 6.7 (PB); Puddletown, 16.7 (HW)

Apamea anceps **LARGE NUTMEG** Hurn, 22.6 (MJ)

Apamea unanimitis **SMALL CLOUDED BRINDLE** West Bexington, 2 on 2.6, 14.6 (RE); Puddletown, 2 on 3.6 (HW); Hengistbury Head, 4.6, 5.6 (MJ); Upwey, 6 nights between 4.6 and 27.6 (PH); Puddletown, 2 on 5.6, 6.6 (HW); Milton-on-Stour, 15.6 (JB); Weymouth, 20.6 (MF)

Apamea scolopacina **SLENDER BRINDLE** West Bexington, 19.6, 25.6, 22.7, 24.7, 4.8, 9.8 (RE); Hurn, 12.7, 17.7, 26.7, 30.7, 1.8 (MJ); Parley Heath, 2 on 19.7 (RRC, DAH); Puddletown, 23.7 (HW); Kingcombe, 2 on 23.7 (PS, DH); Grove, 25.7 (DW); Woolland, 27.7 (PB); Portland Bird Observatory, 6.8 (MC); Upwey, 7.8 (PH); Melbury Park, 19.8 (PS, DH)

Apamea ophiogramma **DOUBLE LOBED** Puddletown, 21.6, 10.7, 22.7, 3.8 (HW); Milton-on-Stour, 21.7, 24.7, 1.8 (JB); Trigon, 31.7 (CM)

Photodes morrisii **MORRIS'S WAINSCOT** Charmouth, 6 on 8.7 (MSP, John Chainey, Jenny Spence)

Photodes fluxa **MERE WAINSCOT** Powerstock Common, 21.7 (RRC, DAH, Andy Page); Melbury Park, 19.8 (PS, DH)

Amphipoea fucosa **SALTERN EAR** Upwey, 11 nights between 13.7 and 28.8 (PH); Weymouth, 25 between 7.8 and 8.9 (MF); West Bexington, 7.8, 8.8, 10.8, 13.8 (RE)

Celaena leucostigma **CRESCENT** Weymouth, 2.7, 5.7, 31.7 (MF); Portland Bird Observatory, 1.8, 13.8 (MC); Grove, 11.8 (DW)

Archanara geminipuncta **TWIN-SPOTTED WAINSCOT** West Bexington, 9 nights between 30.7 and 12.8 (RE); Weymouth, 8.8 (MF); Walditch, 11.8 (MSP); Portland Bird Observatory, 11.8 (MC); Upwey, 14.8 (PH)

Archanara dissoluta **BROWN-VEINED WAINSCOT** West Bexington, 4.8, 8.8 (RE); Upwey, 8.8 (PH)

Sedina buettneri **BLAIR'S WAINSCOT** Central Dorset, 30 seen at dusk 26.9 (RRC), 30 seen at dusk 28.9 (MSP)

Chilodes maritimus **SILKY WAINSCOT** Radipole, 5 on 13.6, 3 on 15.6 (Peter Brash); Weymouth, 2.7 (MF); West Bexington, 18.7 (RE)

Arenostola phragmitidis **FEN WAINSCOT** Hengistbury Head, 24.7, 28.7, 29.7, 30.7, 5.8 (MJ); Puddletown, 30.7, 2 on 31.7, 2.8 (HW); Weymouth, 31.7, 9.8 (MF); Portland Bird Observatory, 7.8 (MC)

Stilbia anomala **ANOMALOUS** Hengistbury Head, 6.9 (MJ)

Pyrrhia umbra **BORDERED SALLOW** Preston, 6.5, 7.5, 8.5, 18.6, 19.6, 27.6 (PK); Puddletown, 15.5 (HW); Purbeck, 29.5, 6 on 2.6, 4 on 17.6 (CM); Upwey, 18.6, 30.6, 2.7 (PH); West Bexington, 25.6, 22.7 (RE); Weymouth, 28.6, 21.7 (MF); Portland, 29.6 (PS, PH, MF); West Hill, 22.7 (CM); Ballard Point, 4.8 (CM)

Eublemma ostrina **PURPLE MARBLED** Upwey, 19.6 (PH)

Eustrotia uncula **SILVER HOOK** West Holme Heath, disturbed from bog on 25.6 (PD); Parley Common, 2 on 19.7 (PD, Neil Armour-Shalou); Trigon, 28.7 (CM); Studland, 19.8 (CM)

Earias clorana **CREAM-BORDERED GREEN PEA** Puddletown, 3.6 (HW); Botany Wood, beaten from sallow 10.6 (PD); Hengistbury Head, 17 nights between 4.6 and 30.7 (MJ); Winfrith Heath, beaten from sallow 13.6 (PD);

Portland Bird Observatory, 18.6 (MC); Shapwick, 19.6 (PD); West Bexington, 19.6, 20.6, 23.6, 30.6, 7.7, 20.7, 21.7 (RE); Ferndown, 30.6 (RRC); Studland, 2.7 (CM); Upwey, 4.7 (PH); Preston, 2 on 6.7 (PK)

Bena prasinana **SCARCE SILVER LINES** Yellowham, 17.6 (DH); Sares Wood, 6.7 (MF); Merley, 15.7 (JHa); Dorset heath, 20.7; Preston, 20.7 (PK); Trigon, 31.7 (CM)

Calistege mi **MOTHER SHIPTON** Badbury Rings, disturbed on 9.6 (PD); Povington Wood, 13 disturbed on 10.6 (PD); Whiteway Fen, disturbed on 10.6 (PD); Lyscombe, 4 disturbed on 11.6 (PD); North Dorset, 32 disturbed or in flight on 17.6 (PD)

Trichoplusia ni **NI** West Bexington, 19.6 (RE); Portland Bird Observatory, 20.6 (MC)

Macdunnoughia confusa **DEWICK'S PLUSIA** Winterbourne, 12.9 (LW)

Plusia festucae **GOLD SPOT** Studland, 19.8 (CM); Walditch, 24.8 (MSP)

Polychrysis moneta **GOLDEN PLUSIA** Preston, 27.6 (PK)

Abrostola trigemina **DARK SPECTACLE** Shapwick, 15.5, 17.6 (PD); Puddletown, 15.5, 3.7, 21.8 (HW); Upwey, 21.7, 22.7, 8.9 (PH); Walditch, 25.7 (MSP); Portland Bird Observatory, 20.9, 16.10 (MC)

Tyta luctuosa **FOUR-SPOTTED** Portland, by day, 3.8, 9.8 (MSP)

Parascotia fuliginaria **WAVED BLACK** Dorset Heath, 4 on 22.7

Hypenodes humidialis **MARSH OBLIQUE-BARRED** Wareham Forest, 28.6 (PD); Morden, 3.7 (PD), 3 on 6.7 (PD), 12.7 (PS, PD, Peter Korbitt); Upton Heath, 6 on 15.7 (PD); Parley Common, 19.7 (PD, Neil Armour-Shalou); Trigon, 21.7 (CM, PD)

Hypena crassalis **BEAUTIFUL SNOUT** Puddletown, 5.7 (HW); Sares Wood, 6.7 (MF); West Bexington, 21.7 (RE)

Hypena obsitalis **BLOXWORTH SNOUT** Portland, 5.8 (PS, MP)

Hypena rostralis **BUTTONED SNOUT** Shapwick, adult in coal shed 3.4, inside house 13.5 (PD); Hurn, larva on hop 5.7 (MJ); Christchurch, larvae on 22.7, larvae on hop 25.7, larvae on hop 29.7 (Mike Skelton); Wimborne, 9.10.1998 (MB); Merley, 27.10 (JHa)

2000 MICRO MOTH RECORDS

Phil Sterling

Even in a poor year weather-wise, interesting micromoths turn up. This is partly because Dorset is a fine county for moths anyway, partly because searching for micromoths is not so weather dependent, and partly because of the continuing interest in all moths Network recorders show, even if concentrating on macros in the main. Please keep sending me specimens or photos of micros you think might be interesting, or you would like to know what they are; it is amazing what turns up.

There were two micros new to Dorset last year. A single specimen of *Coleophora fuscicornis* was swept from the undercliff at Eype's Mouth by David Gibbs on 28th June, whilst working on contract for the National Trust. The identity was confirmed by John Langmaid. Previously this rare species (pRDB1) has only been known in Britain from Essex near the coast around Fingringhoe Wick. The larvae feed in the developing seedpods of Smooth Tare (*Vicia tetrasperma*). We hope to confirm the species is breeding on the undercliff this summer. The other confirmed new species to the county is *Dupocheia fovealis*, which turned up in Jeremy Burge's moth trap at Milton-on-Stour on 17th May. This species has a Mediterranean distribution, but since 1996 adults have turned up in widely scattered locations in Britain. It is likely that specimens have arrived on imported plant material, and there are reports of outbreaks in plant nursery polytunnels in the UK.

Some other species of interest include:

Archips oporana; eight specimens turned up at MV light from three sites in or near the afforested areas of East Dorset and Purbeck, strongly suggesting the moth is established in Dorset.

Acleris logiana; a further specimen was found by Mike Jeffes at Hurn (VC11), this time on 1st August, confirming the suspicion that the species must be double-brooded in southern England.

Aplota palpella; a single specimen was found by Phil Sterling and Derek Hallett at light at Melbury Park on 19th August; this rare species has not been recorded in the county since the 19th century.

Records of nationally-rare and nationally-scarce species (provisional statuses only) have been included below, together with records of other interesting species such as immigrants and those not recently recorded in the county.

Records were gratefully received from:

NB - Nigel Bourn
 JHB - Jeremy Burge
 MC - Martin Cade
 SPC - Sean Clancy
 RC - Rees Cox
 PD - Peter Davey
 RE - Roy Eden

MF - Mark Forster
 DG - David Gibbs
 DH - Derek Hallett
 PH - Paul Harris
 MJ - Mike Jeffes
 PK - Peter Knight
 CM - Chris Manley

MSP - Mark Parsons
DP - David Pearman
TP - Ted Pratt
KR - K. Redshaw

PS - Peter Sharpe
MJS - Michael Skelton
PHS - Phil Sterling
HWH - Hugo Wood Homer

Micropterix aureatella Sopley Common (VC11), 1 swept on 12.5 at night (PHS); Holt Forest, 2 swept from bilberry on 22.5 (PD)

Lampronia morosa Tidmoor Range, Chickerell, several larvae in rose buds on 19.3 (PHS); Cogden Fields, 1 larva in rose bud on 17.3 (PHS); Little Francis, Wyke Regis, few larvae in rose buds on 2.4 (PHS); Weymouth, 1 on 19.5 by day (PHS); Pamphill, 1 on 12.5 by day (PD); Badbury Rings, 1 on each of 25.5 & 3.6 by day (PD)

Adela cuprella Holt Heath, 14 on 21.3 by day (PD)

Adela croesella Shapwick, 1 on 19.5 by day (PD); Badbury Rings, 5 on 3.6 & 1 on 9.6, all by day (PD); Fontmell Down, 16 on 4.6 by day (PD); Lyscombe, 2 on 11.6 by day (PD)

Diploderma herminata Arne Clay Pit, several cases on oak trunk on 13.6 (PHS); Parley Common, 2 cases on birch trunk on 17.5 (PD); Badbury Rings, 1 case on beech trunk on 9.6 (PD)

Pachythelia villosella Stokeford Heaths, 3 cases on 10.7 (PHS); Trigon, 1 old case on 10.5 (PD); Morden Bog, 1 case on 15.5, 4 cases on 31.5 (PD); Wareham Forest, 4 cases on 23.6 (PD)

Ischnoscia borreonella Southwell, Portland, 3 on 5.8 at dusk (PHS, MSP)

Nemapogon wolffiella Shapwick, 1 on 17.6 at light (PD)

Nemapogon clematella Shapwick, 1 on 29.6 at MV (PD)

Phyllonorycter leucographella Bournemouth University, several mines on *Pyracantha* sp. on 10.3 (PHS); Weymouth, 1 mine on *Pyracantha* sp. on 19.3 (PHS)

Phyllonorycter platanoideella Radipole, Weymouth, many mines on *Acer platanoides* on 19.10 (PHS)

Glyphipterix schoenicolella Upton Heath, 1 on 15.7 at MV (PD)

Yponomeuta sedella Trigon, 1 on 22.7 at MV (CM, PD)

Acrolepiopsis assectella Weymouth, on 9.5 at MV (PHS); West Bexington, on 13.3 at MV (RE)

Coleophora fuscicornis Eype's Mouth, 1 on 28.6 by day (DG, conf. JR Langmaid)

Elachista regificella Monkton Wyld Wood, many mines in *Luzula sylvatica* on 31.3 (PHS, DP)

Tachystola acroxantha Weymouth, 1 on 24.8 at UV (PHS)

Aplota palpella Melbury Park, 1 on 19.8 at UV (PHS, DH)

Amphisbatis incongruella Morden Heath, 1 on 8.4 by day (PHS); Studland, 1 on 16.3 by day (PD)

Dasystoma salicella Studland, 1 on 16.3 by day (PD)

Luquetia lobella Puddletown, 1 on 15.6 at MV (HWH); Shapwick, 4 on 17.6 at MV (PD)

Agonopterix purpurea Portland Bird Observatory, 1 on each of 25.8 & 27.8 at MV (MC)

Ethmia dodecea Shapwick, 1 on 20.6 at MV (PD); West Bexington, on 15.7 at MV (RE)

Bryotropha basaltinella Frome St. Quintin, 10 larvae in moss, *Tortula ruralis*, on 30.12 (PHS, DP)

Bryotropha umbrosella Stokeford Heaths, 1 on 10.7 by day (PHS)

Caryocolum blandella Yellowham Wood, 1 on 29.8 at UV (DH)

Platyedra subcinerea Southwell, Portland, on 5.8 at dusk (PHS, MSP); West Bexington, on 6.5 at MV (RE)

Oegoconia caradjai Southwell, Portland, on 5.8 at dusk (PHS, MSP)

Batrachedra pinicolella Morden Heath, few on 8.7 by day and 4 on 12.7 at MV (PHS)

Cosmopterix lienigiella Hengistbury Head NR (VC11), few mines in *Phragmites australis* on 10.9 (PHS)

Scythris grandipennis Golden Cap, on 28.6 by day (DG)

Scythris empetrella Sopley Common (VC11), many larvae on 13.5 (PHS); Stokeford Heaths, few larval workings on 10.6 (PHS)

Phalonidia manniana Holton Heath Marsh, 4 on 2.6 by day (PD); West Bexington, on 14.6 at MV (RE)

Cochylis molliculana Hamm Beach, Chesil, 2 on 17.6 at MV (PHS); Chickerell Downs, on 1.7 at UV (PHS, DH); West Bexington, regularly between June and Sept. at MV (RE); Walditch, on 9.8 & 10.9 at MV (MSP)

Acleris logiana Hurn (VC11), 1 on 1.8 at MV (MJ, gen. det. PHS)

Archips oporana Trigon, 1 on 21.7 at MV (CM, PD); Morden, 6 on 6.7 at MV (PD); Hurn (VC11), 1 on 30.7 at MV (MJ)

Celypha rivulana Melbury Down, few on 14.7 by day (PHS, MSP, NB); West Bexington, 1 on 26.7 at MV (RE)

Epinotia subsequana Avon Heath Country Park (VC11), few larvae on *Abies grandis* on 13.7 (PHS)

Crociosema plebejana Weymouth, 3 on 26.8 at MV (PHS); Puddletown, 1 on 28.6 at MV (HWH); Shapwick, 3 between 19.6 & 29.6 at MV (PD); West Bexington, regularly between May and Nov., none in July, at MV (RE); Walditch, on 14.9 at MV (MSP)

Pelochrista caecimaculana Cheyne Weare, Portland, on 29.6 at UV (PHS, PH, MF)

Clavigesta sylvestrana Weymouth, 1 on 26.8 at MV (PHS)

Pammene albuginana Yellowham Wood, 1 on 21.6 at UV (DH); Hurn (VC11), 1 on 8.6 at MV (MJ)

Grapholita lobarzewskii Weymouth, 1 on 3.7 at MV (PHS)

Cydia microgrammana Cheyne Weare, Portland, on 29.6 at UV (PHS, PH, MF)

Cydia amplana Weymouth, 2 on 26.8 at MV (PHS); Walditch, 1 on 26.8 at MV (MSP); Portland Bird Observatory, 5 on 26.8 at MV (MC)

Cydia coniferana Morden Heath, 1 on 12.7 at MV (PHS)
Phaulernis dentella Fontmell Down, several recently vacated larval workings on *Chaerophyllum temulentum* on 19.8 (PHS)
Calamotropha paludella Weymouth, 1 on 23.7 at UV (PHS); Shapwick, 1 on 30.6 at MV (PD); Morden, 2 on 31.7 at MV (PD)
Crambus uliginosellus Stokeford Heaths, several on 10.7 by day (PHS); Wareham Forest, 25 on 23.6 by day (PD); Morden, 2 on 31.7 at MV (PD)
Crambus hamella Shapwick, 1 on 22.8 at MV (PD)
Pediasia contaminella Hurn (VC11), between 26.7 & 30.7 at MV (MJ)
Pediasia aridella Hengistbury Head (VC11), 1 on 16.7 at MV (MJ)
Eudonia pallida Studland Dunes, on 19.8 at MV (CM); Portland Bird Observatory, 1 on each of 19.6, 26.8, 30.8 & 5.9, all at MV (MC)
Eudonia delunella Yellowham Wood, 3 between 20.7 & 5.8 at UV (DH)
Eudonia lineola West Bexington, 5 between 11.6 & 5.8 at MV (RE)
Evergestis extimalis Portland Bird Observatory, 1 on 25.8 at MV (MC)
Cynaeda dentalis Cheyne Weare, Portland, on 29.6 at UV (PHS, PH, MF) and on 5.9 at MV (MSP)
Loxostege sticticalis Puddletown, 1 on 8.9 at MV (HWH)
Sitochroa palealis Southwell, Portland, on 5.8 at dusk (PHS, MSP); Portland Bird Observatory, 1 on each of 30.6 & 9.8 at MV (MC); West Bexington, on 9.8 at MV (RE); Eype's Mouth, on 18.7 at MV (MSP)
Ostrinia nubilalis Puddletown, 1 on 21.6 at MV (HWH); Shapwick, 1 on each of 19.6 & 6.7 at MV (PD); West Bexington, 1 on 7.7 at MV (RE); Portland Bird Observatory, 1 on each of 19.6 & 7.8 at MV (MC); Hurn (VC11), between 26.7 & 31.7 at MV (MJ)
Phlyctaenia perlucidalis Keyworth, 1 on 9.7 at UV (HWH)
Anania verbascalis Morden Heath, 2 on 12.7 at UV (PHS); Trigon, 1 on 14.7 at MV (CM) and 1 on 21.7 at MV (CM, PD); Canford Heath, 1 on 20.7 at MV (PD)
Udea fulvalis Boscombe (VC11), several to house lights on 20.7 (MJS); Swanage, 1 on each of 15.7 & 30.7 (RC) and 7 between 4.8 & 20.8 at MV (TP)
Mecyna asinalis West Bexington, on 8.8 at MV (RE)
Dolicarthria punctalis Cheyne Weare, Portland, on 29.6 at UV (PHS, PH, MF) and on 5.9 at MV (MSP)
Antigastra catalaunalis Portland Bird Observatory, 1 on 26.9 at MV (MC)
Duponchelia fovealis Milton-on-Stour, 1 on 17.5 at MV (JHB, conf. PHS)
Palpita unionalis Puddletown, 1 on each of 18.10 & 19.10 at MV (HWH); West Bexington, 1 on each of 6.7, 3.10 & 6.10, all at MV (RE); Portland Bird Observatory, 1 on each of 30.8 & 20.9 at MV (MC)
Synaphe punctalis Cheyne Weare, Portland, on 29.6 at UV (PHS, PH, MF); Grove, Portland, on 24.7 by day (MSP); Preston, Weymouth, on 29.6 at MV (PK); West Hill, on 23.7 at MV (CM); Parley Common, 2 on 19.7 at MV (PD); West Bexington, 1 on each of 24.7, 2.9 & 5.9, all at MV (RE); Hengistbury Head (VC11), between 19.7 & 31.7 at MV (MJ); Hurn (VC11), between 26.7 & 31.7 at MV (MJ)
Aglossa pinguinalis Weymouth, 1 on 10.6 by day (PHS)
Oncocera semirubella Cheyne Weare, Portland, on 29.6 at UV (PHS, PH, MF) and on 5.9 at MV (MSP); Southwell, Portland, on 5.8 at dusk (PHS, MSP); Seacombe Quarry, 7 on 13.8 at MV (CM)
Pempelia genistella Winfrith Heath, 1 on 4.8 at MV (SPC, KR); West Hill, on 23.7 at MV (CM); Parley Common, 1 on 19.7 at MV (PD); Canford Heath, 1 on 20.7 at MV (PD); Hengistbury Head (VC11), between 18.7 & 5.8 at MV (MJ)
Epischmia banksiella Cheyne Weare, Portland, on 29.6 at UV (PHS, PH, MF)
Apomyelois bistriatella Puddletown, 1 on 24.7 at MV (HWH); Studland, 1 on 19.5 at MV (SPC, KR); Handfast Point, 1 on 16.5 at MV (CM); Portland Bird Observatory, 1 on 19.6 at MV (MC)
Assara terebrella Morden Heath, 1 on 6.7 at MV (PD) and 1 on 12.7 at MV (PHS); Canford Heath, 1 on 22.7 at MV (PS)
Nephoterix angustella Shapwick, 1 on each of 28.6 & 30.6 at MV (PD); Portland Bird Observatory, 1 on each of 4.7, 21.7 & 27.8, all at MV (MC)
Agdistis meridionalis Sheat Quarries, Portland, larvae on 24.7 (MSP)
Amblyptilia punctidactyla West Bexington, 1 on 5.7 at MV (RE); Walditch, 1 on 26.8 at MV (MSP)
Pterophorus galactodactyla Ackling Dyke, 14 larvae on 14.5 (PD); Chetterwood, 13 larvae on 22.5 (PD)
Euleioptilus carphodactyla Ballard Down, on 30.5 at MV (CM); Shapwick, 1 on 8.8 at MV (PD)