

# Dorset Moth Group

Newsletter Number 10

March 2003

## THE WAY AHEAD

Ten years ago very little was known about the status of moths in Dorset. Most of the published literature was known to be hopelessly out of date and there seemed to be little co-ordination in the activities of those who trapped and studied moths, both macro and micro, in the county. Phil Sterling and Peter Davey recognised the need for an up-to date review of the current situation, and this evolved into the need for a definitive book on the Moths of Dorset. To provide data for this work the Dorset Moth Group was set up to collect records of moths to for a baseline, and it became the forum for an annual newsletter containing systematic records as well as articles of general interest. Sufficient data has now been collected to achieve this aim, and so that task has been fulfilled. However the newsletter has become welcome annual reading for members of the group who, until now, have benefited from its distribution free of charge.

Time has moved on and Phil and Peter, understandably, wish to stand down from the task of producing the newsletter to concentrate more on writing the formal publication, which is now well under way. But, in common with many moth recording groups throughout the country, there is still a need for an annual report, and this will not die.

This change in policy has coincided with an upsurge in the interest shown by Butterfly Conservation in moths. After all, the number of moth species which are indigenous to these islands, plus all the immigrant species, dwarfs the number of butterfly species. Peter and Phil have therefore handed over the reins for this annual newsletter (while still collecting and passing on the raw data) to two new pairs of hands, Paul Butter and Gordon Hopkins, who will provide an annual report on the moths of Dorset. In future years this will consist only of a systematic list plus any articles which relate exclusively to the events of the previous year directly related to this county. Articles of general interest will be published in the newsletters of the Dorset Group of Butterfly Conservation. In this way it is hoped that information and interest in moths will be conveyed to a much wider audience.

As a stepping stone to this new format the current newsletter, reporting on 2002, will still contain some general interest articles, and will be distributed free of charge to those who have contributed records for 2002. In future years the newsletter will give more information on the perceived status of moths in Dorset, concentrating on macros on 2004, and (hopefully) micros in the following year.

Many members of the Group are on e.mail and in order to save costs we appeal for as many members as possible to agree to receive their copies of the report by this means in future years. Please contact Gordon on [grhopkins99@hotmail.com](mailto:grhopkins99@hotmail.com) with your e.mail address if you have not already done so and are happy to help us in this way.

In addition the Dorset Moth Group will have the benefit of its own website, known as **[www.dorsetmothgroup.co.uk](http://www.dorsetmothgroup.co.uk)** created and managed by Steve Barrett. This will be the forum for regular news of events, records of interest throughout the year and occasional articles of interest about Dorset's moths. The annual report will also be published on the website.

To help this initiative off the ground we ask all members of the Dorset Moth Group, who have until now had the benefit of the free newsletter once a year to subscribe £6-00 per annum as an affiliation fee to the Dorset Branch of Butterfly Conservation. For this you will receive the Dorset Branch newsletter and "Butterfly Events in Dorset" (three times a year) as well as the annual Dorset Moth Group Newsletter, which will now become the Annual Report. We hope that this will enable the Dorset Moth Group to go from strength to strength and rival the most successful groups throughout the country.

Gordon Hopkins, Paul Butter

## **Target Moths for Dorset Moth Group and Dorset Branch of Butterfly Conservation**

Dorset has an especially large number of moths that are nationally scarce or Red Data Book species of conservation concern. Fortunately the county also has a large number of moth recorders and enthusiasts. To help the process of conserving and monitoring these vulnerable species and maintain this richness for future generations it would obviously be advantageous to focus our efforts on those species particularly at risk. The object of this article is to do just that by highlighting species and habitats that would be most usefully targeted.

The conservation of moths is not as well developed as butterfly conservation, partly due to a historic preference for the more colourful lepidoptera which are also more easily observed by day. Another factor is the more manageable number of butterfly species in the UK. Moths are a lot more of a challenge, but a good start has been made, particularly through Butterfly Conservation's work in recent years. Their work along with others has produced a Regional Action Plan for South - Central England that recognizes 37 high priority and 96 medium priority moths, many of which occur in Dorset. Like any plan, it is not perfect and one could argue about what species should be in or out, but we all have to start somewhere, and no doubt as new records are received, the plan will evolve. At present the "micro" moths are even less well understood and more records need to be generated to assess the status of many of these small but often beautiful insects.

Thirty seven species is rather a lot to cram into one article so I will cover about half in this year's issue concentrating on habitat types. The following list of species would be particularly useful to have up to date and continued monitoring, and it would be very helpful to identify likely looking habitat in your vicinity for trapping sessions during the flight period of these species. It is noticeable that there is a strong southern bias of recorder distribution within the county so making the effort to visit mid and north Dorset where good habitat exists should also be encouraged.

**Triangle** *Heterogenea asella*. RDB3. Although there are no known colonies of this moth in Dorset it may well be overlooked. Recent records from Devon are the first for 100 years in that county so Dorset may also produce the moth in suitable ancient oak dominated woodland. It is an unobtrusive species that may even be passed off as a micro but it does have a characteristic resting posture whereby the abdomen tip protrudes from the tented wings. It flies late at night as well as during sunshine (P.Waring British Wildlife) All night trapping is recommended from mid June through July.

**Scarce Mervielle du Jour** *Moma apium*. RDB3. This moth occupies the same habitat as the Triangle in Devon and any ancient oak woodland could harbour a colony in underrecorded parts of the county. No known colonies currently exist in Dorset but large oaks in woods are worth investigating during June and early July.

**Orange Upperwing** *Jodea croceago*. RDB1. Another moth not currently known from Dorset but included here, as it is one of the target species for this year's National Moth Night on April 12th. Oak coppice in woodland should be targeted for this event when there is a chance of finding overwintered females. Sallow catkins will need checking too.

**Double Line** *Mythimna turca*. Nb. Another woodland species associated with rides and grassy clearings within or adjacent to tree cover, usually Oak. Wood Bent is a favoured foodplant and the moth flies quite early on from mid June to mid July, and can also come to sugar and wine ropes.

**Square spotted Clay** *Xestia rhomboidea* Nb. Again not currently known from Dorset, but any woods with stands of Elm may be worth investigating. The larvae start feeding on Elm, then drop down to feed on Nettle and other low plants such as Ribwort Plantain. Similarity to the other members of the genus may have caused it to have been missed. Flights after dusk in August around flowers of Wood Sage and Burdock.

**White-line Snout** *Scrankia taenialis* .Nb. In South - Central England this is a moth of damp woodland with abundant leaf litter, sunken lanes and other dank areas. The foodplant is not known but dead leaves are likely. It may be overlooked due its small size but like the Triangle has a distinctive posture, in this case like a miniature brown Concord. It flies early after dusk during July and early August.

**Common Fanfoot** *Pechipogo strigilata* .Na. Our last moth of broad leaved woodland again, not currently known from Dorset, but oakwoods on clay soils like those of North Dorset where recording is low may yet reveal the moth. A recently reported trick for this species is to half break off the tips of oak branches in early May to provide the wilting leaves used as a food source for the larvae. The adult flies from late May through June.

**Dingy Mocha** *Cyclophora pendularia*. RDB3. This is a Dorset speciality where it is found regularly in wet heath habitats where taller bushes of small leaved Salix such as *S. cinerea* and *S. aurita* occur. Sixteen localities are known but it may be present in other parts of the county. Adults may be trapped in mid May or late July and larvae beaten from bushes in late August to early September.

**Speckled Footman** *Coscinia cribraria bivittata*. RDB1. Damp heathland is also the habitat for this moth which has recently had new colonies found in Dorset. The adult flies at dusk but may also be disturbed by day during July and August. Areas with Tufted Hair Grass *Deschampsia caespitosa* in the heath.

**Shoulder Striped Clover** *Heliothis maritima warnecki*. RDB3. A day flying moth of damp heathland visiting flowers of Bell Heather and Cross Leaved Heath. It flies in late June and July and is currently known from the Studland and Wareham areas. Larvae can be found on the seedheads of Bog Asphodel as well as heathers.

**Southern Chestnut** *Agrochola haematidea* RDB2. An outing in October or on a mild November night is necessary to locate colonies of this species. A lot of recorders have packed up for the season by this time so more sites probably exist in dry, open heathlands typical of south and east Dorset.

**Portland Ribbon Wave** *Idaea degenaria*. RDB3. Currently only known from the grassy / bushy undercliff on Portland. The larval foodplant is still unknown and continued global warming may create possibilities for expansion along the south coast in similar habitat. More monitoring and larval searches at Portland could produce very useful new data. Adults fly an hour after dusk from mid June to mid July, larvae overwinter so should be looked for in the spring.

**Morris's Wainscot** *Photedes morrisii morrisii* RDB2. Another undercliff specialist in the UK. An internationally rare moth, the larvae feed on Tall Fescue *F. arundinacea* and are found on the west Dorset coast. A short flight period from late June to mid July and the difficulty in identification from similar Wainscots may have given rise to undetected colonies, any suitable habitat should be looked at. The wings have a white fringe

**Chalk Carpet** *Scotopteryx bipuntaria cretata*. This moth is less restricted but nevertheless confined to chalk or limestone areas where it frequents open downland, quarries and embankments usually with bare ground or rock. Flying in July and August, it can often be disturbed by day from amongst trefoils and clovers.

**Four Spotted** *Tyta luctuosa*. RDB3. Hot bare ground with pink flowers of Field Bindweed are the places to look for this day-flying moth. It also comes to light and can be on the wing from mid May to mid August. Calcareous downlands and embankments should be searched.

**Narrow Bordered Bee Hawkmoth** *Hemaris tityus*. Nb. In Dorset this moth can be found on unimproved chalk downland, but is very scarce. It flies fast and furious by day from mid May to mid June nectaring on Bugle and can also be lured by taking sprays of Lilac blossom out onto the slopes.

**Pale Shining Brown** *Polia bombycina* Nb. A rapidly disappearing species with no extant colonies in Dorset but associated with scrubby grasslands on light calcareous soils such as occur at Cranborne and in the south of the county. The foodplant is unknown. The flowers of Red Valerian and Campion are said to be attractive and it will come to sugar and light from mid June to mid July.

**Bordered Gothic** *Heliophobus reticulata marginosa*. Na. Not seen at its Portland site for a few years. Any dry south facing unimproved grasslands especially on calcareous soil could find the moth coming to either light or sugar. Flowers of red valerian and campions are attractive, the latter being a probable foodplant.

## **Moth Recording In Dorset And Data Collation Licences**

### ***Introduction***

The creation of a National Biodiversity Network that accesses key records of flora and fauna held at county level has meant that Local Record Centres are now establishing data collation licences that identify the responsibilities surrounding the data. In the case of Dorset, Dorset Environmental Records Centre (DERC) are using this newsletter to establish data collation licences with moth recorders.

### **Moth Recording**

Dorset has a long history of moth recording from the Lepidoptera of Dorsetshire (published in 1886), to the annual lepidoptera accounts appearing within the Dorset Natural History and Antiquarian Field Club between 1875 and 1928, to the Dorset Natural History and Archaeological Society Proceedings from 1929 to the present day. In 1993, a network of recorders was established by Phil Sterling and Peter Davey to co-ordinate and stimulate moth recording throughout the county. From this time work began to acquire and verify all historic and recent Dorset moth records and place them in a single resource, namely DERC.

At present about 80 moth recorders, without exception, generously provide their data to DERC (via Phil Sterling and Peter Davey), evidently keen to see their records published within the Moths of Dorset Newsletter, which has been the glue holding the network of moth recorders together. The newsletter has undoubtedly encouraged the amassing of an enormous volume of moth records over the past ten years.

### ***Moth Verifier***

With up to forty-thousand moth records generated annually, it is vital that there exist moth verifiers who are able to establish lines of communication with moth recorders and who can acquire, verify and assure the quality of Dorset's moth data. Since 1994, Phil Sterling has undertaken the role of moth verifier for micro-lepidoptera, and Peter Davey that for macro-lepidoptera. Occasionally, casual records are passed on to the moth verifier *via* DERC.

The moth verifier liaises with the moth recorder to resolve queries and reject any critical records that cannot be reasonably evidenced. Occasionally, individual records pertain to endangered species, or to a site where, for whatever reason, a land manager/owner wishes the data to be kept confidential. In these situations, the moth verifier flags the data as confidential.

### ***Data Inputter***

Once the moth records have been verified and flagged, the data is inputted individually onto the DERC database. From this point on DERC are the custodians of the moth data. The inputting of the records is currently undertaken by David Jeffers (micro-lepidoptera) and Peter Davey (macro-lepidoptera).

### ***Dorset Environmental Records Centre***

DERC is the central repository for environmental records within Dorset. There are similar organisations in many other counties across the UK.

Any individual, group, agency or organisation that has a genuine need to access Dorset's environmental records can contact DERC, and, contingent on negotiation and confidentiality, will be granted access to the data. Data has been requested for academic research relating to a SSSI, for a public inquiry relating to a bypass, and from a conservation agency needing data on indicator species.

DERC will hold and maintain Data Collation Licences signed by moth recorders, moth verifiers, researchers and the National Biodiversity Network.

## ***National Biodiversity Network***

The National Biodiversity Network is a gateway that enables people to access all the separately owned sources of biodiversity data held throughout the country via the internet. The network is managed by the NBN Trust and the Centre for Ecology and Hydrology. The stated purpose of the National Biodiversity Network is to promote conservation, education, research and sustainable development. You can find more information on the gateway at [www.nbn.org.uk](http://www.nbn.org.uk).

The source of Dorset moth data on the National Biodiversity Network is DERC. As the data custodians, DERC specify access criteria to safeguard moth data and communicate these criteria to the National Biodiversity Network. The criteria define who has access to what, and what the users of the NBN are able to do with it subsequently.

### ***Moth Recorder Data Agreements***

To allow DERC to make records provided by the moth recorders publicly available, recorders are being asked to sign a data collation licence. The moth recorder may remain anonymous if desired.

***A data collation licence is included at the end of this newsletter and the moth recorders amongst you are encouraged to sign and return the licence in the enclosed pre-paid envelope to DERC, Library Headquarters, Colliton Park, Dorchester, DT1 1XJ.***

On receipt, a copy of your agreement will be sent to you. You will find more information on the DERC website at [www.derc.org.uk](http://www.derc.org.uk). If you still require further information, please write to DERC at the above address or email them at [derc@dorset-cc.gov.uk](mailto:derc@dorset-cc.gov.uk).

Thank you.

Peter Davey, Phil Sterling

## **MILBORNE WOOD**

In 2002 I decided to try moth trapping in Milborne Wood, which covers approximately 50 hectares on the Central Dorset Chalk. Oak is the predominant tree, with some Birch and Ash and one patch of Sallow. The understorey is almost entirely Hazel, much of it cut rotationally for hurdle making, with some Bramble and a nice sprinkle of Honeysuckle. Owing to the owner's absence abroad I couldn't obtain the necessary permission until late March when trapping began, using two UV traps, a Heath and an adapted Skinner. From mid May two MV lights were run from a generator, usually for about three hours but, on a few occasions all night. In late autumn I reverted to using the UVs. In all trapping took place on 26 nights.

March and April produced most of the expected species, including Pale Pinion, Early Tooth-striped and Frosted Green. A Small Engrailed was trapped on 25<sup>th</sup> April. On 26<sup>th</sup> April the first Small White Wave appeared and this species was ever present up to 6<sup>th</sup> June, often in abundance, with at least 50 seen on occasion in the late evening. It was again common from 21<sup>st</sup> July to 13<sup>th</sup> August.

May produced the first of three Broken-barred Carpets, 2 Little Thorns, the first of two Barred Umbers and the first of 12 Orange Footmen, with 8 being trapped on 4<sup>th</sup> June.

The highlight of June was the discovery of a colony of Twin-spot Carpets, caught on five nights between 17<sup>th</sup> June and 21<sup>st</sup> July, with 6 on 25<sup>th</sup> June. Other species included Little Emerald, Treble Brown-spot, Cream Wave and Phoenix. A notable feature was the abundance of Common Swifts in the grass strip along the woodland edge. On 4<sup>th</sup> June they were attracted onto the white sheet before the light was on and within minutes of lighting there were 80 on the sheet.

July saw the greatest species diversity of the year with 73 macro species recorded on the 21<sup>st</sup>. A Cream-bordered Green Pea on the 9<sup>th</sup> seemed to be outside its normal range and other species trapped included Cloaked Carpet, Dark Umber, Dark Spectacle, Wood Carpet, Large Emerald, Festoon, Slender Brindle and Grey Arches.

August was rather quiet, but notable for 2 Lunar-spotted Pinions on the 7<sup>th</sup>. Six Pretty Chalk Carpets were also caught. Autumnal Rustics were quite common in September, with 11 trapped in two nights. A Feathered Ranunculus and a Bulrush Wainscot were both surprises, as was the appearance of good numbers of Barred Sallows. This species has clearly adapted from its usual food plant, Beech, which is sparingly present in the wood, and the known alternatives, Field Maple and Sycamore, are similarly rare. A White Point was the best immigrant species of the year.

Unfavourable weather and a holiday meant that little trapping was done in October and November but most of the usual autumn species were caught. On 30<sup>th</sup> November a Red Sword-grass and a Scarce Umber were trapped, with 3 more of the latter on 4<sup>th</sup> December.

A total of 238 macro species were recorded. Absentees included the much hoped for Scarce Prominent, Scarce Silver Lines and Oak Lutestring and, more surprisingly, Oak Beauty, Red-green Carpet, Broom, Canary-shouldered Thorn, Pale Eggar, Pale-shouldered Brocade, Frosted Orange and Dark Chestnut. Spring Usher and Pale Brindled Beauty had, no doubt, finished flying before trapping commenced.

I am in the early stages of learning about micros, but did record 61 species, of which *Ancylis upupana* was the best, being only the second post-1990 record in Dorset of this provisional Red Data Book species.

Hugo Wood Homer, Bardolf Manor, Puddletown.

P.S. Spring Usher and Pale Brindled Beauty were recorded in the wood in the mild spell in late January 2003, which with another micromoth species, brings the total number of species recorded in the wood to 302.

### **A Migrant Pyrale in Dorset**

On the morning of 19<sup>th</sup> July 2002 in the m.v. trap in my garden there was a large and very striking-looking pyrale on one of the egg trays. I knew I had never seen this moth before; chocolate brown and mustard yellow is a pretty unmistakable combination!

Adrenaline flowing I managed to box it without mishap and set to looking in Barry Goater's Pyralid Moth book. This got me very excited as I could not find it, and I almost began to wonder if this might be a new one for Britain, but not for long.

Phil Sterling, of course, was able to tell me instantly over the phone that this was *Evergestis limbata*, that it had been seen on the Isle of Wight and in Sussex, and once in Dorset by Rees Cox in Swanage. He also knew that the foodplant was Garlic Mustard or Jack by the Hedge, *Alliaria petiolata*.

I decided that the moth in question might be a female as one of the digital photos I took was from underneath through a perspex box and showed a fairly fat body so I thought I might keep her to see if she laid any eggs. I tried unsuccessfully looking for foodplant, but luckily Peter Davey came to my rescue and was able to provide some from his garden hedge. They were tiny little plants, waiting to develop into the metre tall plants of spring that I had been looking for.

I put the (hopefully female) moth and a few leaves and some cotton wool soaked with sugar solution in a clear plastic box on my desk and waited! On the 4<sup>th</sup> morning, Monday 22<sup>nd</sup>, there seemed to be about 25 tiny blobs looking like opaque excreta on the underside of a leaf, tucked in the angles of ribs in ones and twos. Excitement mounted as I felt sure that they had not been there before, and surely that many could not all be excreta, though they did look suspiciously like blobs of surplus sugar solution.

The 'blobs' sat there for another week until on Monday 29<sup>th</sup> the leaf looked different again. There seemed to be black specks on it, though none of the rest of the family could see them! By the third day the 25 black 1mm specks had developed into about 40 larvae of 2.5mm, eating from the underside of leaves, so the moth was definitely a female then! I was amazed to have got this far.

Food was obviously going to be a problem so I started scouring the countryside, but finally managed to locate a large clump of mature plants on the estate where I live. I could hardly believe I had missed it previously!

By day 9 the larvae were 6mm long, and 15mm at day 14. They fed in groups attached together by silk threads and always on the undersides of leaves. At day 18 they were 17mm and on day 19 they had all disappeared! I had put a layer of sandy leaf litter and soil in the bottom of their box and they must have pupated. After a couple of weeks I carefully sorted through the soil and extracted 40 cocoons. 30 I gave away, keeping 10. Of these 4 hatched 21 days after pupating, the other 6 are waiting for spring.

I could hardly believe I had actually bred this migrant moth through, it quite made my year. I shall be looking out for other unusual females this year!

Chris Manley,

South Trigon, Wareham,

## **MACROLEPIDOPTERA REPORT 2002**

***Peter Davey***

(As submitted to the Dorset Natural History and Archaeological Society)

Records were gratefully received from:

PBe	Paul Benham	MJ	Mike Jeffes
JB	Jeremy Burge	PK	Peter Knight
PBu	Paul Butter	RL	Ricky Lambert
DBC	Dorset Butterfly Conservation	CM	Chris Manley
MC	Martin Cade	JMc	James McGill
DC	Duncan Cooper	SN	Steve Nash
RC	Rees Cox	BP	Bob Palmer
DCx	Darragh Croxson	DP	David Pearman
PD	Peter Davey	PP	Philip Prestidge
JD	John Down	SP	Steve Palmer
RE	Roy Eden	MSP	Mark Parsons
REt	Ron Elliott	TP	Ted Pratt
CE	Christine Endecott	MPI	Michael Plaxton
DF	Dave Foot	RRC	Ray Cook
MF	Mark Forster	WS	Bill Shreeves
RF	Richard Fox	PHS	Phil Sterling
JF	Jim Fradgley	PT	Peggy Taylor
MG	Margaret Godfrey	WGT	Bunny Teagle
DG	David Green	BU	Bill Urwin
PG	Phil Grey	DW	David Webb
JHa	John Hammick	LdW	Lawrie de Whalley
PH	Paul Harris	HW	Hugo Wood Homer
GH	Gordon Hopkins	SFP	Speckled Footman Project
DAH	Don Humphreys		

*Hepialus hecta* **GOLD SWIFT** north-east Dorset, 2 on 13.6 (PD); Merritown Heath, 14.6 (MJ); 3 on 15.6 (RRC, DAH, PD)

*Phragmataecia castaneae* **REED LEOPARD** near Wareham, 4 in mid-July

*Cossus cossus* **GOAT** Slepe Heath, 26.6, 4.7 (DC)

*Adscita statives* **FORESTER** Sixpenny Handley, Oakley Down, 19.6 (J Tubb); Norden Hill, Cattistock, 2 on 26.6 (K Blease); Melbury Down, 2 in flight on 29.6 (PD); Fontmell Down, by day 10.7 (DBC)

*Adscita geryon* **CISTUS FORESTER** Stubhampton, by day 4.6, 24.6 (DBC); Giant Hill, 4 by day 11.6 (MSP), at rest 15.6 (PD); Folly Hill, 3 at rest 12.6 (PD); Lankham Bottom, by day 12.6 (MSP); Hog Cliff Bottom, 4 by day 13.6 (MSP); Black Hill, 4 disturbed on 17.6 (PD); Lyscombe, 2 in flight on 18.6 (PD)

*Zygaena trifolii* *Esp. ssp. decreta* **FIVE-SPOT BURNET** Arne, 7 larvae on trefoil 11.6 (PD); West Moors, Ringwood Forest, larva on trefoil 25.6 (PD); Stoborough, larva on trefoil 26.6 (PD); Friar's Fields, West Moors, 14 by day on 11.7 (DAH); Keyworth, 18.7 (HW)

*Zygaena trifolii* *Esp. ssp. palustrella* **FIVE-SPOT BURNET** Folly Hill, 50 larvae on trefoil on 12.6 (PD); Hod Hill, 4 on 13.6, 3 on 18.6 (JT); Black Hill, 50 larvae on trefoil 17.6 (PD); Lyscombe, 6 larvae on trefoil 18.6 (PD); Melbury Down, 18 by day 20.6, 20 by day 26.6 (DBC), 50 in flight on 29.6 (PD); Fontmell Down, 5 by day 26.6 (DBC); Lankham Bottom, 16 on 14.7 (LdW)

*Apoda limacodes* **FESTOON** Wimborne, 17.6 (MG); Higher Hyde, 6.7 (MF, DF, PH, JD, RL, DCx); Shapwick, female at rest on hedge 7.7 (PD); Morden Bog, 16.7 (CM, PD); Trigon, 2 on 18.7 (CM); Merley, 19.7 (JHa); Milborne Wood, 2 on 21.7, 28.7 (HW); Dorset heath, 3 on 25.7 (SFP); Badbury Rings, 2 on 27.7 (PD); Briantspuddle, 2 on 27.7 (JF); Studland Heath, larva on oak leaf 19.9 (RC)

*Sesia apiformis* **HORNET (not verified)** west of Poole, pair in cop on mature poplar trunk (per PD)

*Sesia bembeciformis* **LUNAR HORNET** Holt, 4 holes in stumps of cut willow 5.4 (PD); Preston, 9 adults found on trunk of garden willow: 3 on 6.7, 7.7, 11.7, 2 on 13.7, 15.7, 19.7 ... egg laying females observed on four occasions with many eggs on trunk ... 43 extruded pupa cases found on or below tree during July (MF)

*Synanthedon flaviventris* **SALLOW CLEARWING** Stokeford Heaths, 2 galls in willow on 22.3 (PHS)

*Synanthedon andrenaeformis* **ORANGE-TAILED CLEARWING** Cogden Fields, several vacated mines in viburnum 29.3 (PHS)

*Synanthedon formicaeformis* **RED-TIPPED CLEARWING** Lodmoor, tenanted gall in willow, 26.4 (PHS)

*Synanthedon culiciformis* **LARGE RED-BELTED CLEARWING** Bovington, 7 pupae in birch stumps 27.4 (MF, DF), 31 extruded pupa cases during May (MF), adult at rest on birch stump 12.5 (MF, RRC, DAH, PD), 6 piles of frass on 3 birch stumps 11.7 (MF)

*Bembecia scopigera* **SIX-BELTED CLEARWING** Cheyne Weares, by day 1.7 (JH, PHS); Coombe Valley, 22 to pheromone lure in thirty minutes 14.7 (MF, DCx); Bovington, by day 16.7 (MF)

*Trichiura crataegi* **PALE EGGAR** West Bexington, 14 between 19.8 and 16.9 (RE); Preston, 27.8 (MF); Kingston, 30.8 (PBe); Woolland, 1.9, 7.9, 11.9, 18.9 (PBe); Kingcombe, 10.9, 11.9 (REt); Walditch, 14.9 (MSP); Dorchester, 15.9 (JD)

*Eriogaster lanestris* **SMALL EGGAR** West Bexington, 21.3, 22.3, 25.3, 27.3, 30.3, 1.4 (RE); Upwey, 4.4 (PH); Chalbury, nest with 5 third instar larvae on 25.5 (PD)

*Lasiocampa trifolii* **GRASS EGGAR** Studland, Shell Bay, 2.8 (CM); Portland Bird Observatory, 27.8 (MC)

*Gastropacha quercifolia* **LAPPET** Walditch, 7.7 (MSP); West Bexington, 10.7, 17.7, 19.7, 30.7 (RE); Puddletown, 18.7 (HW)

*Pavonia pavonia* **EMPEROR** Purewell Meadows, 3 second instar larvae on bramble 14.6 (RRC, PD); Slepe Heath, 24.4, 8.5, 9.5, 16.5, 21.5 (DC); Studland Heath, 2 larvae 10.7 (RC)

*Drepana cultraria* **BARRED HOOK-TIP** Melbury Down, in flight, disturbed 11.5 (PD); Blandford, 15.5 (PD); East Lulworth, 20.8 (DG, MSP)

*Tethea ocularis octogesimea* **FIGURE OF EIGHTY** Briantspuddle, 17.5 (JF); Dorchester, 16.5, 1.6, 28.6 (JD); Preston, 1.6 (MF); Walditch, 6.6 (MSP); Chickerell Downs, 8.6 (PHS); Wyke Regis, 13.6 (DF); Merritown Heath, 14.6 (MJ); Ware Wood, 22.6 (DF); Hengistbury Head, 26.6, 27.6 (MJ); Swanage, 6.6 (TP), 30.6 (RC); Wool, 3.7 (DC); Wimborne, 6.7 (MG)

*Achlya flavicornis* **YELLOW HORNED** Hurn, 64 between 19.2 and 21.3 (MJ); Merley, 67 between 20.2 and 4.4 (JHa); Slepe Heath, 4.3, 5.3, 6.3, 7.3, 12.3 (DC); East Lulworth, 2 on 7.3 (DG, MSP)



*Polyploca ridens* **FROSTED GREEN** Powerstock Common, 4 on 30.3 (MF, PH, JD), 5 on 20.4 (MF, PH, DF, RL, PHS, JMc, BU); Milborne Wood, 31.3, 25.4 (HW); Shapwick, 2.4 (PD); Woolland, 5.4, 16.4 (PBe); Hurn, 9 between 7.4 and 25.4 (MJ); Yellowham Wood, 2 on 13.4 (MF, PH, JD, RL); Merley, 7 on 16.4, 2 on 17.4, 3 on 18.4 (JHa); Holt Heath, 22.4 (PD); East Lulworth, 22.4 (DG), 23.4, 24.4 (DG, MSP); Morden Bog, 25.4 (PD); Alner's Gorse, 9.5 (PD); Puddletown, 9.5 (HW)

*Archiearis parthenias* **ORANGE UNDERWING** Throop Heath, 6 by day 16.7 (MF); Holt Heath, 12 in flight 29.3 (JF, PD)

*Archiearis notha* **LIGHT ORANGE UNDERWING** Merritown Heath, 2 flying around aspens on 30.3 (RRC); Fifehead Wood, 8 in flight around aspen canopy on 4.4 (PD)

*Pseudoterpna pruinata* **GRASS EMERALD** West Bexington, 10.7 (RE); Wyke Regis, 16.8 (DF); Portland Bird Observatory, 27.8 (MC)

*Comibaena bajularia* **BLOTCHED EMERALD** north-east Dorset, 2 on 15.6 (RRC, DAH, PD); Holt Heath, 2 on 16.6 (PD); Wimborne, 17.6 (MG); Hurn, 17.6 (MJ); Merley, 2 on 21.6 (JHa)

*Chlorissa viridata* **SMALL GRASS EMERALD** Higher Hyde, 14.6 (JMc)

*Jodis lactearia* **LITTLE EMERALD** Stubhampton, 27.5 (MSP); Milborne Wood, 3 on 4.6, 6.6, 17.6 (HW); north-east Dorset, 15.6 (RRC, DAH, PD); Holt Heath, 3 on 16.6 (PD)

*Cyclophora pendularia* **DINGY MOCHA** Alner's Gorse, 16.5 (PD); Tadnoll, 19.7.2001 (JMc); Trigon, Dynamite 26.7 (CM); Portland Bird Observatory, 3.8 (MC); Rooksmoor, two larvae on 20.8 (MSP); Whitesheet, 2 larvae on sallow on 12.9 (DAH); Parley Heath, 2 larvae on sallow on 15.9 (DAH); Holt Heath, larva on sallow 22.9 (PD)

*Cyclophora annulata* **MOCHA** Langton Matravers, 2001 (PG); New Buildings, Langton West Wood, 11 on 2.6 (CM)

*Cyclophora albipunctata* **BIRCH MOCHA** Hengistbury Head, 20.4 (MJ); Hurn, 11 between 21.4 and 20.5, 23.7, 26.7, 27.7, 28.7, 1.8, 2.8 (MJ); Holt Heath, 3 on 22.4 (PD); Trigon, 9.5, 12.6, 27.7, 4.8, 13.8 (CM); Arne, Froxen, 5 on 11.5 (CM); Milton-on-Stour 14.5 (JB); Briantspuddle, 17.5 (JF); Holt Heath, 14 on 19.5 (PD), 28.7 (JMc); Merley, 31.5, 1.6 (JHa); Ashington, 4.6 (JF); Trigon, Dynamite 26.7, 3 on 31.7 (CM); Merritown Heath, 28.7 (MJ); Trigon, Adams Hill, 3 on 1.8 (CM); East Lulworth, 6.8 (DG, MSP); Wool, 13.8 (DC); Arne, Patchins, 3.9 (CM)

*Scopula rubiginata* **TAWNY WAVE** Portland Bird Observatory, 18.8 (MC)

*Scopula marginepunctata* **MULLEIN WAVE** Froxen, 11.5 (CM); Slepe Heath, 16.5, 20.5, 24.7, 29.7 (DC); Shapwick, 17.5 (PD); Wool, 19.5, 20.5 (DC); Boys Wood, by day 30.5 (PHS); West Bexington, 2.6, 27.8, 31.8, 7.9 (RE); Trigon, 5.6, 17.6, 20.6, 4.9 (CM); Talbot Heath, 29.7 (PD); Higher Hyde, 6.7 (MF, DF, PH, JD, RL, DCx); Charmouth, 3 on 30.7 (CE); Preston, 12.8 (PK); East Lulworth, 12.8, 13.8 (RF); Wyke Regis, 13.8 (DF); Seacombe, 2 on 17.8 (CM); Swanage, 24.8 (TP); Langton Matravers, 25.8.2001 (PG); Arne, Patchins, 2 on 3.9 (CM); Walditch, 10.9 (MSP)

*Scopula emutaria* **ROSY WAVE** Arne, Gold Point, 2 on 13.6 (CM); Morden Bog, 5 on 29.6 (PD), 6 on 16.7 (CM, PD); Arne, Patchins, 5 on 12.7 (CM); Arne, Salterns, 25.7 (CM); Arne, Patchins, 4 on 29.7, 3.9 (CM); Hengistbury Head, 30.7 (MJ)

*Scopula immutata* **LESSER CREAM WAVE** Keyworth, 18.7, 2 on 5.8 (HW); Trigon, 22.7 (CM); Gillingham, 22.7 (GH); Arne, 26.7 (JMc); Winterborne Stickland, 3.8 (LdW)

*Scopula floslactata* **CREAM WAVE** Piddles Wood, disturbed 15.5 (PD); Holt Heath, 2 on 19.5 (PD); Stubhampton, disturbed 19.5 (PD); Sares Wood, 3 by day 23.5, by day 25.5, 2 by day 2.6 (MF); Merley, 3.6, 9.6, 22.6 (JHa); Puddletown, 3.6, 11.6 (HW); Milborne Wood, 4.6 (HW); Arne, Froxen, 13.6 (CM)

*Idaea muricata* **PURPLE-BORDERED GOLD** Morden Bog, 16.7 (CM, PD); Holt Heath, 28.7 (SP)

*Idaea rusticata atrosignaria* **LEAST CARPET** East Lulworth, 25.7 (DG, MSP); West Bexington, 27.7, 28.7 (RE)

*Idaea sylvestriaria* **DOTTED BORDER WAVE** Higher Hyde, 2 on 6.7 (MF, DF, PH, JD, RL, DCx) 23.7 (PD); Morden Bog, 2 on 18.7 (DC, PD), 14 on 22.7 (MSP, DG, JMc, BU, PD); Trigon, 19.7 (CM); Winfrith, 20.7 (MF, DF, DCx); Upton Heath, 24.7 (JMc, PD); Dorset heath, 6 on 25.7 (SFP); Arne, 26.7 (JMc); Stoborough Heath, 2 on 26.7 (PD); Holt Heath, 4 on 28.7 (RRC, DAH, PD, JMc, SP); Ferndown, 2 on 28.7 (RRC); Trigon, Adams Hill, 2 on 1.8 (CM)

*Idaea fuscovenosa* **DWARF CREAM WAVE** Hurn, 2.7, 13.7 (MJ); Puddletown, 7.7 (HW); Wyke Regis, 12.7 (DF); Hengistbury Head, 9 between 13.7 and 10.8 (MJ); Studland, at rest 14.7 (PD); Preston, 15.7, 29.7, 7.8 (PK); Swanage, 15.7 (BP); Wool, 17.7, 21.7, 2.8 (DC); Slepe Heath, 17.7, 24.7 (DC); Trigon, Dynamite 20.7 (CM); Trigon, 21.7, 23.7, 27.7 (CM); Verwood, 25.7 (SP); Briantspuddle, 27.7 (JF); Trigon, Adams Hill, 6 on 1.8 (CM); Merley, 2 on 6.8, 3 on 29.8 (JHa); Langton Matravers, 2 on 7.8.2000 (PG)

*Idaea seriata* **SMALL DUSTY WAVE** Preston, 2.6, 11.6 (MF); Swanage, 6.6, 27.7, 14.8 (TP), 13 between 8.6 and 20.7, 7 between 11.8 and 20.9 (RC), 2.8, 2 on 2.9, 13.9 (WGT); West Bexington, 3.6, 17.6, 27.6, 26.8, 4.9, 6.9, 13.9 (RE); Hurn, 30.6 (MJ); Motcombe, 5.7 (PBU); Poole, 11.7 (PT); Dorchester, 13.7, 29.7 (JD); Higher Hyde, 15.7 (PD, CM); Shaftesbury, 16.7, 28.7 (WS); Wyke Regis, 27.7 (DF); Ballard Down, 7.8 (TP)

*Idaea trigeminata* **TREBLE BROWN SPOT** Merley, 49 between 19.5 and 30.8 (JHa); Preston, 5.6, 16.6, 17.6, 18.6, 19.6, 2 on 29.6 (MF), 30.6 (RL); Sares Wood, 6.6, 7.6 (MF); Garston Wood, 4 disturbed on 10.6 (PD); Trigon Ford, 12.6 (CM); Arne, Froxen, 2 on 13.6 (CM); north-east Dorset, 3 on 13.6 (PD), 2 on 15.6 (RRC, DAH, PD); Merritown Heath, 2 on 14.6, 5.7 (MJ); Swanage, 6.6, 25.7 (TP), 14.6 (RC); Holt Heath, 2 on 16.6 (PD); Milborne Wood, 2 on 17.6 (HW); Puddletown, 17.6, 20.6, 30.6, 2.7 (HW); Woolland, 21.6 (PBe); Kings Wood, 22.6 (CM); Wimborne, 25.6 (MG); East Lulworth, 25.6, 3 on 17.7 (DG, MSP); Slepe Heath, 9.7, 10.7, 11.7 (DC); Poole, 12.7 (PT); Winfrith, 20.7 (MF, DF, DCx); Portland, 17.8 (RRC, DAH, AP)

*Idaea emarginata* **SMALL SCALLOP** Slepe Heath, 24.7, 30.7 (DC); Studland, Shell Bay, 2.8 (CM)

*Idaea straminata* **PLAIN WAVE** Hurn, 2 on 4.7, 15.7, 2 on 2.8, 4.8 (MJ); Higher Hyde, 2 on 6.7 (MF, DF, PH, JD, RL, DCx) 3 on 15.7 (PD, CM), 2 on 23.7 (PD); Slepe Heath, 13 between 8.7 and 29.8 (DC); Wool, 16 between 9.7 and 12.8 (DC); Arne, Patchins, 12.7 (CM); Morden Bog, 7 on 18.7 (DC, PD), 13 on 22.7 (MSP, DG, JMc, BU, PD); Tadnoll, 19.7.2001 (JMc); Dorset heath, 7 on 19.7, 3 on 25.7 (SFP); Trigon, Dynamite 2 on 20.7, 26.7 (CM); West Bexington, 20.7, 22.7 (RE); Wimborne, 22.7 (MG); Upton Heath, 24.7 (JMc, PD); Arne, 26.7 (JMc); Holt Heath, 6 on 28.7 (PD, RRC, DAH, JMc); Keyworth, 5.8 (HW); Ferndown, 24.8 (DAH)

*Orthonama vittata* **OBLIQUE CARPET** Arne, Salterns, 18.5 (CM); Middlebere Heath, 30.5 (CM); Arne, Salterns, 8.6 (CM); Wool, 9.6, 19.6, 20.6, 25.6 (DC); Preston, 12.6 (PK); Lodmoor, 16.8 (PHS, DF, MF, M Clarke, DCx)

*Xanthorhoe designata* **FLAME CARPET** Preston, 16.5 (MF); West Bexington, 2.6, 17.8, 28.8 (RE); Langton Matravers, 14.6.2000 (PG); Bothenhampton, 12.8 (DW); Trigon, 13.8, 14.8 (CM); Portland Bird Observatory, 30.8 (MC)

*Xanthorhoe ferrugata* **DARK-BARRED TWIN-SPOT CARPET** Bothenhampton 22.4 (DW); Hurn, 8.5 (MJ); Hengistbury Head, 25.7 (MJ); Hurn, 25.7 (MJ); Preston, 29.7 (PK)

*Scotopteryx bipunctaria cretata* **CHALK CARPET** Swyre Head/Bat's Head, 3 netted by torchlight 12.7 (MF); Charmouth, 25.7 (CE); Preston, 26.7 (MF), 7.8 (RL); Fontmell Down, by day 29.7 (WS); Durlston, 13.8 (SN); Portland, 17.8 (RRC, DAH, AP); Seacombe, 9 on 17.8 (CM)

*Scotopteryx luridata* **JULY BELLE** Higher Hyde, 5 on 15.7 (PD, CM), 23.7 (PD); Dorset heath, 16 on 19.7, 5 on 25.7 (SFP); Morden Bog, 8 on 22.7 (MSP, DG, JMc, BU, PD); Hurn, 24.7, 26.7 (MJ); Upton Heath, 3 on 24.7 (JMc, PD); Holt Heath, 28.7 (PD); Talbot Heath, 5 on 29.7 (PD)

*Catarhoe rubidata* **RUDDY CARPET** Preston, 7.7 (RL); Puddletown, 23.7 (HW); Walditch, 28.7 (MSP); Woolland, 1.8 (PBe)

*Catarhoe cuculata* **ROYAL MANTLE** West Bexington, 29.6 (RE); Winterborne Stickland, 9.7 (LdW); Bothenhampton, 23.7 (DW)

*Epirrhoe rivata* **WOOD CARPET** Puddletown, 29.6, 6 on 4.7, 12.7, 3 on 17.7 (HW); Milborne Wood, 13.7 (HW); Frome St Quintin, 14.7 (PHS, DP); West Bexington, 6.8 (RE)

*Epirrhoe galiata* **GALIUM CARPET** Cheyne Weare, 17.5 (MF, RL); Preston, 19.5 (MF); Freshwater Bay, 15.6 (MSP); Swyre Head/Bat's Head, 2 netted by torchlight 12.7 (MF); Durlston, 18.7 (BP), 2 on 31.8 (JMc); Wyke Regis, 6.8 (DF); West Bexington, 13.8 (RE); Durlston, 13.8 (SN); Upwey, 15.8 (PH); Seacombe, 2 on 17.8 (CM); Portland, 9 on 17.8 (RRC, DAH, AP); Swanage, 30.8 (RC)

*Larentia clavaria* **MALLOW** West Bexington, 18 nights between 1.10 and 29.10 (RE); Walditch, 15.10 (MSP)

*Mesoleuca albicillata* **BEAUTIFUL CARPET** Sares Wood, 6.6 (MF); Merley, 27.7 (JHa)

*Pelurga comitata* **DARK SPINACH** Keyworth, 5.8 (HW); Ferndown, 8.8 (RRC)

*Lampropteryx suffumata* **WATER CARPET** Warre Wood, 2 on 17.3 (DF, PHS); Fontmell Down, 3 at torch light and Tilley on 21.3 (MSP, GH, JF, WS, PD); Powerstock Common, 30.3 (MF, PH, JD), 20.4 (MF, PH, DF, RL, PHS, JMc, BU); Bagmore Wood, nr Bourton, 14.5 (MPI); East Lulworth, 18.4 (DG); Walditch, 9.5 (MSP); Hengistbury Head, 10.5 (MJ)

*Lampropteryx otregiata* **DEVON CARPET** Morden Bog, 8.5 (PD)

*Eulithis prunata* **PHOENIX** Preston, 2.6, 3.7, 2 on 5.7, 28.7 (MF), 6.7, 15.7 (RL), 29.7, 1.8 (PK); north-east Dorset, 15.6 (RRC, DAH, PD); Melbury Park, 2 on 16.6 (CM); Holt Heath, 16.6 (PD); Milborne Wood, 5 on 17.6, 4.7, 4 on 13.7, 21.7 (HW); Dorchester, 24.6, 25.6, 8.7 (JD); Swanage, 27.6, 17.7, 22.7, 30.7 (RC), 2 on 14.7 (WGT), 29.7 (TP); Bothenhampton, 30.6 (DW); West Bexington, 3.7, 28.7

(RE); Puddletown, 4.7, 11.7, 12.7, 15.7, 15.8 (HW); Langton Matravers, 28.6.2000, 6.7.2000, 21.7.2000, 9.7.2001 (PG); Poole, 14.7, 21.7 (PT); Wool, 14.7 (DC); Two Mile Coppice, 17.7 (PHS, MF, DF, M Clarke); Wyke Regis, 19.7 (DF); Walditch, 23.7 (MSP); Merritown Heath, 28.7 (MJ); Shaftesbury, 10.8 (WS); Portland, 17.8 (RRC, DAH, AP); East Lulworth, 19.8 (DG, MSP)

*Eulithis mellinata* **SPINACH** Keyworth, 4 on 5.8, 2 on 15.8 (HW)

*Chloroclysta citrata* **DARK MARBLED CARPET** Puddletown, 28.8 (HW)

*Plemyria rubiginata* **BLUE-BORDERED CARPET** West Bexington, 14 nights between 17.6 and 28.7 (RE); Swanage, 28.6, 30.6, 17.7, 20.7 (RC), 6.7 (WGT); Bothenhampton, 30.6 (DW); Hurn, 4.7, 15.7 (MJ); Merley, 6 between 9.7 and 24.7 (JHa); Woolland, 15.7 (PBe); Ferndown, 15.7 (RRC); Hengistbury Head, 16.7 (MJ); Weymouth, 16.7 (PHS); Puddletown, 17.7, 23.7, 31.7, 4.8 (HW); Preston, 18.7 (MF); Tadnoll, 19.7.2001 (JMc); Wyke Regis, 27.7 (DF); Merritown Heath, 28.7 (MJ)

*Thera cupressata* **CYPRESS CARPET** Weymouth, 12.5, 3 on 30.10, 2 on 31.10, 2.11 (PHS); Upwey, 30.5, 24.6, 25.6, 26.6, 7.10 (PH); West Bexington, 16 between 31.5 and 13.7, 22.8, 25 between 3.10 and 28.11 (RE); Preston, 6.6 (PK), 17.7, 19.10 (MF), 13.9 (RL); Chickereall Downs, 8.6 (PHS); Hengistbury Head, 17.6, 26.6 (MJ); Walditch, 17.6, 14.11 (MSP); Hurn, 10.7, 25.7 (MJ); Merley, 19.7, 30.10 (JHa); Swanage, 6.6 (TP), 1.10 (RC); Ballard Down, 7.10 (TP); Langton Matravers, 13.10.2001, 29.10 (PG); Trigon, 28.10 (CM); Highcliffe, 7 on 29.10 (PD)

*Electrophaes corylata* **BROKEN-BARRED CARPET** Upwey, 9.5, 11.5, 2.6 (PH); Hurn, 14.5, 23.5 (MJ); Blandford, 15.5 (PD); Alner's Gorse, 3 on 16.5 (PD); Gillingham, 16.5 (GH); Holt Heath, 8 on 19.5, 16.6 (PD); East Lulworth, 20.5 (DG, MSP); New Buildings, Langton West Wood, 2.6 (CM); Merley, 3.6, 2 on 9.6, 22.6 (JHa); north-east Dorset, 15.6 (RRC, DAH, PD)

*Colostygia multistrigaria* **MOTTLED GREY** Langton Matravers, 10.3.2000 (PG); Wyke Regis, 17.3 (DF); East Lulworth, to lighted window 18.3 (MSP); Fontmell Down, 2 at torch light and tilley on 21.3 (MSP, GH, JF, WS, PD); Puddletown, 21.3 (HW); Compton Down, 2 at torch light and tilley on 23.3 (PD, HW, PHS)

*Hydriomena ruberata* **RUDDY HIGHFLYER** Hurn, 9.5 (MJ); Holt Heath, 19.5 (PD)

*Melanthia procellata* **PRETTY CHALK CARPET** Blandford, nectaring 6.5 (PD); Puddletown, 27 between 17.5 and 13.9 (HW); New Buildings, Langton West Wood, 2 on 2.6 (CM); Langton Matravers, 7.8.2000, 9.7.2001 (PG); Swanage, 20.7, 14.8 (RC), 15.8 (WGT); Ballard Down, 7.8 (TP); Milborne Wood, 7.8, 13.8, 2 on 28.8, 2 on 4.9 (HW); Durlston, 13.8 (SN)

*Rheumaptera hastata* **ARGENT AND SABLE** Stubhampton, by day 12.5 (WS), in flight 19.5 (PD), in flight 31.5 (MSP), by day 9.6 (DBC)

*Philereme vetulata* **BROWN SCALLOP** Hurn, 4.7, 10.7, 14.7 (MJ); Merritown Heath, 5.7, 28.7 (MJ); Puddletown, 2 on 20.7 (HW); Badbury Rings, 27.7 (PD)

*Philereme transversata* **DARK UMBER** Milborne Wood, 13.7 (HW); West Bexington, 24.7, 2.8 (RE); Shapwick, 26.7 (PD); Shaftesbury, 28.7, 30.7 (WS)

*Euphyia biangulata* **CLOAKED CARPET** Milborne Wood, 13.7, 28.7 (HW); Trigon, 18.7, 23.7, 27.7, 7.8 (CM); Holt Heath, 28.7 (JMc); Langton Matravers, 3.8 (Nick Pomiankowski); East Lulworth, 6.8 (DG, MSP)

*Euphyia unangulata* **SHARP-ANGLED CARPET** north-east Dorset, 13.6 (PD); Slepe Heath, 26.6 (DC); Tadnoll, 19.7.2001 (JMc); Winfrith, 20.7 (MF, DF, DCx); Stoborough Heath, 26.7 (PD)

*Perizoma albulata* **GRASS RIVULET** Stubhampton, by day 17.5, by day 20.5 (MSP)

*Perizoma didymata* **TWIN-SPOT CARPET** Milborne Wood, 17.6, 6 on 25.6, 2 on 4.7, 13.7, 21.7 (HW); Milton-on-Stour 7.7 (JB); Hengistbury Head, 28.7 (MJ)

*Eupithecia tenuiata* **SLENDER PUG** West Bexington, 5.7, 6.8 (RE); Turners Puddle Heath, 6.7 (PHS); Ware Wood, 12.7 (DF); Lodmoor, 16.7 (PHS, DCx); Two Mile Coppice, 17.7 (PHS, MF, DF, M Clarke); Winfrith, 2 on 20.7 (MF, DF, DCx); Morden Bog, 2 on 22.7 (MSP, DG, JMc, BU, PD); Woolland, 23.7 (PBe); Preston, 23.7 (MF); Higher Hyde, 2 on 23.7 (PD); Dorset heath, 2 on 25.7 (SFP); Upwey, 27.7 (PH); Merley, 27.7, 5 on 28.7, 29.7 (JHa); Verwood, 27.7 (SP); Wyke Regis, 27.7 (DF)

*Eupithecia inturbata* **MAPLE PUG** Two Mile Coppice, 17.7 (PHS, MF, DF, M Clarke), 13.8 (PHS, J Newbould); Puddletown, 21 between 22.7 and 14.8 (HW); Badbury Rings, 3 on 27.7 (PD); West Bexington, 30.7, 10.8 (RE); Walditch, 6.8 (MSP); Preston, 6.8 (MF); East Lulworth, 6.8 (DG, MSP); Woolland, 18.8 (PBe)

*Eupithecia linariata* **TOADFLAX PUG** Wyke Regis, 24.7 (DF); Upwey, 2.8 (PH); Preston, 22.8 (PK)

*Eupithecia irriguata* **MARBLED PUG** Powerstock Common, 30.3 (MF, PH, JD), 7 on 20.4 (MF, PH, DF, RL, PHS, JMc, BU)

*Eupithecia valerianata* **VALERIAN PUG** Cheyne Weare, 3 on 17.5 (MF, RL)

*Eupithecia venosata* **NETTED PUG** Sutton Poyntz, netted around Bladder Campion after dusk 31.5 (MF); Langton Matravers, 3.6.2000 (PG); Swanage, 6.6 (TP)

*Eupithecia intricata* **FREYER'S PUG** Preston, 2.6, 3.6, 11.6, 13.6, 29.6 (MF); Walditch, 2.6, 15.6 (MSP); Swanage, 2.6, 5.6, 7.6, 8.6, 9.6 (RC); Merley, 3.6, 4.6, 5.6, 2 on 7.7 (JHa); Hengistbury Head, 4.6, 13.6, 28.6 (MJ); Wimborne, 6.6 (MG); Wyke Regis, 7.6 (DF); Bothenhampton, 2 on 9.6 (DW); Puddletown, 11.6, 18.6, 15.7 (HW); Upwey, 15.6, 16.6, 17.6, 19.6, 24.6, 27.6, 5.7 (PH); Dorchester, 20.6 (JD); Hurn, 20.6, 1.7 (MJ)

*Eupithecia assimilata* **CURRANT PUG** Trigon, at window 8.5, 9.5 (CM); Dorchester, 16.5, 17.5 (JD); Woolland, 1.6, 18.8 (PBe); New Buildings, Langton West Wood, 2.6 (CM); Shaftesbury, 2.6 (WS); Upwey, 2 on 2.6, 3.6, 16.8 (PH); Puddletown, 9.6 (HW); Preston, 18.6 (PK); East Lulworth, 19.6 (DG, MSP); Wyke Regis, 19.6, 27.7 (DF); Hurn, 1.8 (MJ)

*Eupithecia tripunctaria* **WHITE-SPOTTED PUG** Puddletown, 5 between 6.5 and 19.5, 5 between 31.7 and 26.8 (HW); Walditch, 1.8 (MSP); Preston, 2.8 (MF); Durlston, 13.8 (SN)

*Eupithecia icterata* **TAWNY-SPECKLED PUG** Shaftesbury, 2.6 (WS); West Bexington, 4.8 (RE); Durlston, 13.8 (SN); Puddletown, 13.8, 14.8, 15.8 (HW)

*Eupithecia succenturiata* **BORDERED PUG** Puddletown, 19.6, 30.6, 2.8 (HW); Hurn, 16.7 (MJ); Preston, 29.7 (MF); Walditch, 3.8 (MSP); West Bexington, 11.8 (RE)

*Eupithecia subumbrata* **SHADED PUG** Fontmell Down, beaten 27.4 (PD); Shapwick, 16.5 (PD); Puddletown, 3 on 2.6, 13.6, 2 on 19.6, 17.7, 27.7, 3.8 (HW); Preston, 20.6 (MF); Hengistbury Head, 28.6 (MJ); Hurn, 28.6 (MJ)

*Eupithecia simpliciatia* **PLAIN PUG** Wyke Regis, 18.6 (DF); Cheyne Weares, 1.7 (JH, PHS); Preston, 11.7, 22.7, 9.8 (MF); Woolland, 15.7 (PBe); Weymouth, 16.7 (PHS); Winfrith, 20.7 (MF, DF, DCx); West Bexington, 22.7, 2.8, 3.8, 7.8, 11.8, 16.8, 26.8 (RE); Upwey, 30.7, 3 on 7.8 (PH)

*Eupithecia distinctaria constricta* **THYME PUG** Duncroft Quarry, larva on Wild Thyme, 1.7 (JH, PHS)

*Eupithecia indigata* **OCHREOUS PUG** Hurn, 11.5, 12.6 (MJ); Puddletown, 15.5 (HW); Ware Wood, 17.5 (DF); Holt Heath, 19.5 (PD); Merley, 1.6, 2.6 (JHa); Trigon, 5.6 (CM)

*Eupithecia fraxinata* **ASH PUG** Puddletown, 19.6 (HW); Frome St Quintin, 14.7 (PHS, DP); West Bexington, 30.7, 17.8 (RE)

*Eupithecia phoeniceata* **CYPRESS PUG** West Bexington, 15 nights between 3.8 and 5.10 (RE); Preston, 7.8, 19.8, 2.9 (PK), 27.8 (MF); Wyke Regis, 13.8 (DF); Swanage, 14.8, 2 on 24.8 (TP); Lodmoor, 30.8 (MF, DF, PHS, CM, PH)

*Chloroclystis chloerata* **SLOE PUG** West Bexington, 2.6 (RE); Chickerell Downs, 8.6 (PHS)

*Anticollix sparsata* **DENTATED PUG** Holt Heath, 2 on 16.6 (PD); Hurn, 30.6, 3.7 (MJ); Merritown Heath, 12 larvae on yellow loosestrife on 31.8 (RRC)

*Chesias legatella* **STREAK** Merley, 6.10 (JHa); Highcliffe, 29.10 (PD); Portland Bird Observatory, 31.10 (MC)

*Odezia atrata* **CHIMNEY SWEEPER** Whiteway Fen, 35 disturbed on 15.6 (PD)

*Euchoeca nebulata* **DINGY SHELL** Purewell Meadows, beaten from alder 14.6 (RRC, PD); Puddletown, 4.7 (HW); Hurn, 2 on 15.7 (MJ); Merley, 29.7 (JHa)

*Minoa murinata* **DRAB LOOPER** Stubbampton, 2 by day 17.5, 2 by day 20.5, by day 31.5 (MSP), 3 by day 4.6 (DBC)

*Lobophora halterata* **SERAPHIM** Alner's Gorse, 16.5 (PD); Merley, 25.5 (JHa)

*Trichopteryx polycommata* **BARRED TOOTH-STRIPED** Fontmell Down, 2 at torch light and tilley on 21.3 (MSP, GH, JF, WS, PD)

*Pterapherapteryx sexalata* **SMALL SERAPHIM** Merley, 20.5, 22.6, 2 on 23.6, 5.7, 2 on 19.7, 3.8 (JHa); Turners Puddle Heath, 6.6 (PHS); Ashington, 16.6 (JF); East Lulworth, 25.6, 17.7, 19.8 (DG, MSP); Tadnoll, 19.7.2001 (JMc); Higher Hyde, 23.7 (PD); Verwood, 27.7 (SP); Holt Heath, 2 on 28.7 (RRC, DAH, SP); Trigon, Adams Hill, 1.8 (CM); Upwey, 12.8 (PH)

*Abraxas grossulariata* **MAGPIE** Preston, 13.6 (MF); Lodmoor, 16.7 (PHS, DCx), 16.8 (PHS, DF, MF, M Clarke, DCx); Two Mile Coppice, 17.7, (PHS, MF, DF, M Clarke), 13.8 (PHS, J Newbould); Hengistbury Head, 1.8, 2.8 (MJ); Ballard Down, 7.8 (TP); Swanage, 11.8 (TP); Seacombe, 2 on 17.8 (CM)

*Semiothisa notata* **PEACOCK** Arne, Froxen, 11.5 (CM); Upwey, 18.5 (PH); Hurn, 3.8 (MJ)

*Semiothisa liturata* **TAWNY-BARRED ANGLE** Portland Bird Observatory, 17.7 (MC)

*Cepphis advenaria* **LITTLE THORN** Milborne Wood, 17.5, 31.5 (HW); Merley, 21.5, 8.6 (JHa); Sares Wood, by day 23.5, 2 by day 25.5, 3 by day 2.6 (MF); Puddletown, 10.6 (HW)

*Plagodis pulveraria* **BARRED UMBER** Powerstock Common, 20.4 (MF, PH, DF, RL, PHS, JMc, BU); Milborne Wood, 17.5, 6.6 (HW); Holt Heath, 3 on 19.5 (PD); Puddletown, 3.6 (HW)

*Epione repandaria* **BORDERED BEAUTY** Bagmore Wood, nr Bourton, 21.7, 27.7 (MPI); West Bexington, 23.7, 28.7, 30.7, 1.8, 2.8, 7.8, 13.8, 14.8 (RE); Puddletown, 8 between 25.7 and 31.8 (HW); Merley, 11 between 29.7 and 9.10 (JHa); Radipole Lake, 2.8 (MF, DF, PH); Walditch, 3.8 (MSP); Preston, 3.8 (MF); Gillingham, 5.8 (GH); Keyworth, 5.8 (HW); Motcombe, 20.8 (PBu); Trigon, 29.8 (CM); Woolland, 11.9 (PBe); Studland Dunes, 14.9 (CM); Trigon, 27.9, 31.10 (CM)

*Pseudopanthera macularia* **SPECKLED YELLOW** Buckland Newton, 8.5 (LdW); Stubhampton, by day 20.5 (MSP); Boys Wood, 2 disturbed on 23.5 (PD), 30.5 by day (PHS); Fontmell Wood, by day 29.5 (WS); Brookman's Valley, by day 31.5 (W Raymond)

*Apeira syringaria* **LILAC BEAUTY** Slepe Heath, 20.6 (DC); Upwey, 24.6 (PH); East Lulworth, 25.6 (DG, MSP); West Bexington, 26.6, 29.6, 11.7, 15.7 (RE); Wool, 3.7 (DC); Bothenhampton, 4.7 (DW); Hurn, 6.7 (MJ); Walditch, 8.7 (MSP); Two Mile Coppice, 17.7 (PHS, MF, DF, M Clarke); Morden Bog, 18.7 (DC, PD); Woolland, 22.7 (PBe)

*Ennomos quercinaria* **AUGUST THORN** Puddletown, 2.8, 14.8, 16.8, 7.9 (HW); Woolland, 5.8, 18.8 (PBe); Ashington, 8.8 (JF)

*Apocheima hispidaria* **SMALL BRINDLED BEAUTY** Woolland, 4.3 (PBe); Merley, 6.3 (JHa); Hurn, 8.3, 9.3, 12.3, 13.3 (MJ)

*Agriopsis aurantiaria* **SCARCE UMBER** Motcombe, 16.11 (PBu)

*Selidosema brunnearia* **BORDERED GREY** Dorset heath, 25.7 (SFP); Stoborough Heath, 2 on 15.8.2001 (JMc)

*Cleora cinctaria* **RINGED CARPET** Holt Heath, 22.4 (PD); Morden Bog, 3 on 25.4, 8.5 (PD); Hurn, 1.5 (MJ); Arne, Froxen, 3 on 11.5 (CM)

*Deileptenia ribeata* **SATIN BEAUTY** Walditch, 12.7 (MSP); Shapwick, 27.7 (PD)

*Serraca punctinalis* **PALE OAK BEAUTY** Hurn, 8.5, 16.5, 19.5, 25.5, 17.6 (MJ); Holt Heath, 3 on 19.5, 16.6 (PD)

*Ectropis crepuscularia* **SMALL ENGRAILED** Merley, 5 between 19.4 and 28.5 (JHa); Holt Heath, 3 on 22.4, 19.5 (PD); Puddletown, 23.4, 26.4 (HW); Hurn, 16.5 (MJ)

*Paradarisa consonaria* **SQUARE SPOT** Blandford, 2 nectaring on 6.5, 5 on 15.5 (PD); Hurn, 9.5, 14.5, 2 on 16.5 (MJ); Holt Heath, 10 on 19.5, 4 on 16.6 (PD); Trigon Ford, 12.6 (CM); north-east Dorset, 13.6 (PD), 2 on 15.6 (RRC, DAH, PD)

*Paradarisa extersaria* **BRINDLED WHITE SPOT** Holt Heath, 2 on 19.5, 16.6 (PD); Puddletown, 7.6, 11.6 (HW); north-east Dorset, 2 on 13.6 (PD)

*Aethalura punctulata* **GREY BIRCH** Hurn, 22.4, 2 on 23.4, 24.4, 8.5, 12.5, 16.5 (MJ); Hengistbury Head, 10.5 (MJ); Arne, Froxen, 5 on 11.5 (CM); Merritown Heath, by day on 16.5 (RRC); Holt Heath, 12 on 19.5 (PD)

*Logographa bimaculata* **WHITE-PINION SPOTTED** Merley, 19.5, 21.5, 2 on 7.6, 9.6 (JHa)

*Hylaea fasciaria* **BARRED RED** Turners Puddle Heath, 6.6 (PHS); Trigon Ford, 12.6 (CM); Trigon, Dynamite 2 on 20.7, 2 on 26.7, 31.7 (CM); Trigon, 23.7 (CM); Poole, 18.6, 10.7, 30.7, 2.8 (PT); Hurn, 20.6 (MJ); Slepe Heath, 3.7 (DC); Merley, 13 between 4.7 and 3.8 (JHa); Winterborne Stickland, 5.7 (LdW); Melbury Park, 13.7 (CM); Hengistbury Head, 13.7 (MJ); Melbury Park, 14.7 (PHS); Walditch, 16.7 (MSP); Milton-on-Stour 16.7 (JB); Swanage, 17.7 (RC); Portland Bird Observatory, 19.7 (MC); Briantspuddle, 23.7 (JF); Verwood, 25.7 (SP); Trigon, Adams Hill, 2 on 1.8 (CM); Studland, Shell Bay, 2.8 (CM)

*Gnophos obscuratus* **ANNULET** Morden Bog, 2 on 22.7 (MSP, DG, JMc, BU, PD); Higher Hyde, 2 on 23.7 (PD); Upton Heath, 22 on 24.7 (JMc, PD); Dorset heath, 8 on 25.7 (SFP); Durlston, 13.8 (SN); Charmouth, 16.8 (CE); Freshwater Bay, Portland, 4 on 17.8 (RRC); Portland, 14 on 17.8 (RRC, DAH, AP); Redcliff Point, by day 28.8 (MF)

*Aspitates ochrearia* **YELLOW BELLE** Hengistbury Head, 8 between 5.5 and 19.6, 4 between 29.8 and 4.9 (MJ); Hurn, 10.5, 15.5, 17.5 (MJ); West Bexington, 18 between 15.5 and 10.6, 10 between 11.8 and 4.10 (RE); Cheyne Weare, 17.5 (MF, RL); Wyke Regis, 20.5, 24.8 (DF); Slepe Heath, 17.6 (DC); Arne, Patchins, 3.9 (CM)

*Perconia strigillaria* **GRASS WAVE** Slepe Heath, 11.6, 13.6, 20.6 (DC); Arne, Gold Point, 7 on 13.6 (CM); Arne, Froxen, 2 on 13.6 (CM); Ashington, 14.6 (JF); Merritown Heath, 3 on 14.6 (MJ); Sopley, 3 on 15.6 (MJ); Trigon, 20.6 (CM)

*Agrius convolvuli* **CONVOLVULOUS HAWK** Portland Bird Observatory, 13.8, 19.8, 2 on 11.9, 19.9 (MC); Cheyne, three between 20.8 and 21.8 (per MC); West Bexington, 8.9, 2 on 15.9, 16.9, 17.9 (RE); Hengistbury Head, 22.9 (MJ); St Alban's Head, full grown larva 25.9 (Doug Crawford, per Phil Budd)

*Acherontia atropos* **DEATH'S-HEAD HAWK** Durlston, 20.10 (SN, PD)

*Hemaris tityus* **NARROW-BORDERED BEE HAWK** Melbury Down, in flight 11.5 (PD); Melbury Down, in flight 15.5 (PD); Giant Hill, 10 larvae plus ovum on scabious on 11.6 (MSP), 2 first instar larvae on scabious 15.6 (PD); Powerstock Common, button holes in devil's-bit scabious leaf 20.6 (PD); Rempstone, many button holes in devil's-bit scabious leaves 26.6 (PD); Arne, many button holes in devil's-bit scabious leaves 10.7 (PD)

*Hemaris fuciformis* **BROAD-BORDERED BEE HAWK** West Moors, Ringwood Forest, button holes in honeysuckle leaves 25.6 (PD); Stoborough, many button holes in honeysuckle leaves plus first instar larva 26.6 (PD); Arne, button holes in honeysuckle leaves plus second instar larva 10.7 (PD); Morden Bog, many button holes in honeysuckle leaves plus first instar larva 14.7 (PD); Oaker's Wood, many small button holes in honeysuckle leaves plus second instar larva 14.7 (PD)

*Macroglossum stellatarum* **HUMMING-BIRD HAWK** Portland Bill, by day 16.3, by day 22.8, by day 22.10 (MC), 19.9 (MC); Shapwick, in flight along garden wall 23.4, in flight 28.7 (PD); Swanage, in garden 4.5 (Mrs A Cox); Dorchester, 17.6 (JD); Preston, 28.8, 1.9 (MF); East Lulworth, 2 by day on 29.9 (DG)

*Hyles euphorbiae* **SPURGE HAWK (not verified)** Durlston, 4.8 (Robin Plowman)

*Hyles galii* **BEDSTRAW HAWK** West Bexington, 11.8 (RE)

*Hyles lineata* Fabr. ssp. *livornica* **STRIPED HAWK** Chickerell, at rest on log pile 29.3 (Julian Cooper); Dorchester, 17.5 (JD); East Lulworth, 18.5 (Chris Rothwell); Puddletown, 18.5, 21.5, 30.5 (HW); Upwey, 20.5 (PH); Milton-on-Stour, 21.5, 30.5 (JB); Blandford brewery, at rest 24.5 (Nick Butt); West Bexington, 10.6, 19.6, 23.6 (RE)

*Hippotion celerio* **SILVER-STRIPED HAWK** Durlston, 31.10 (SN)

*Cerura vinula* **PUSS** Preston, 8.5 (MF); Wool, 10.5 (DC); Trigon, 10.5, 15.5, 6.6 (CM); Hengistbury Head, 11.5 (MJ); Puddletown, 12.5, 2 on 17.5, 18.5, 19.5, 21.5, 2.6 (HW); West Bexington, 20.5 (RE); Merley, 25.5 (JHa); Woolland, 3.6 (PBe); Walditch, 6.6, 18.6 (MSP); East Lulworth, 27.6 (DG, MSP); Fontmell Magna, larvae on willow, 3.7, 30.7 (J Wistgate)

*Furcula bifida* **POPLAR KITTEN** Bagmore Wood, nr Bourton, 14.5 (MPI); Woolland, 31.5 (PBe)

*Pheosia tremula* **SWALLOW PROMINENT** Dorchester, 9.3, 12.3 (JD); West Bexington, 8 nights between 10.4 and 26.6, 18 nights between 4.8 and 29.8 (RE); Gillingham, 6 between 12.4 and 8.5, 4.8 (GH); Slepe Heath, 15.4, 12.6 and 4 between 23.7 and 15.8 (DC); Woolland, 14 between 16.4 and 18.8 (PBe); Hurn, 54 between 19.4 and 29.5 (MJ); Bothenhampton, 2 on 20.4 (DW); Hengistbury Head, 25.4, 2.5, 30.5, 15.7, 27.7, 30.7, 1.8 (MJ); Preston, 6.5 (MF), 7.8 (PK); Trigon, 9.5, 21.7, 13.8 (CM); Wyke Regis, 10.5, 23.7 (DF); Middlebere Heath, 30.5 (CM); Wimborne, 6.7, 29.8 (MG); Wool, 18.7 (DC); Trigon, Dynamite 26.7 (CM); Briantspuddle, 3 on 27.7 (JF); Verwood, 27.7 (SP); Merritown Heath, 4 on 28.7 (MJ); Shaftesbury, 30.7, 10.8 (WS); Ashington, 30.7, 6.8, 8.8 (JF); Trigon, Adams Hill, 1.8 (CM); Kingston, 3.8 (PBe); Ballard Down, 7.8 (TP); Durlston, 13.8 (SN); Swanage, 13.8, 29.8 (RC); Lodmoor, 16.8, (PHS, DF, MF, M Clarke, DCx), 30.8 (MF, DF, PHS, CM, PH)

*Odontosia carmelita* **SCARCE PROMINENT** Hurn, 8 between 9.4 and 13.5 (MJ); East Lulworth, 16.4, 23.4 (DG, MSP), 3 on 18.4 (DG); Slepe Heath, 18.4 (DC); Holt Heath, 4 on 22.4 (PD)

*Clostera pigra* **SMALL CHOCOLATE-TIP** Holt Heath, 3 on 22.4, 2 larvae in spun up willow leaves on 22.9 (PD)

*Clostera curtula* **CHOCOLATE-TIP** Hurn, 18 between 20.4 and 24.5, 20.7 (MJ); Holt Heath, 2 on 22.4 (PD); Hamoon, 23.4 (SB, PD); Langton Matravers, 7.5.2000 (PG), 5.8 (Nick Pomiankowski); Trigon, 3 on 10.5, 30.7 (CM); Dorset heath, 25.7 (SFP); Preston, 29.7 (MF); Trigon, Adams Hill, 1.8 (CM); Fifehead Wood, larva on aspen 21.9 (PD)

*Diloba caeruleocephala* **FIGURE OF EIGHT** West Bexington, 20 nights between 13.9 and 29.10 (RE); Woolland, 28.10 (PBe)

*Dicallomera fascelina* **DARK TUSOCK** Arne, Patchins, 12.7 (CM); Dorset heath, 2 on 19.7, 2 on 25.7 (SFP); Holt Heath, 28.7 (SP); Slepe Heath, 29.7 (DC)

*Euproctis chrysorrhoea* **BROWN-TAIL** Swanage, 9.7, 11.7, 20.7, 25.7, 28.7, 31.7, 1.8, 8.8, 14.8, 19.8 (RC); Langton Matravers, 17.7 (BP); Durlston, 18.7 (BP); Wyke Regis, 19.7 (DF)

*Leucoma salicis* **WHITE SATIN** Hurn, 14.7, 15.7, 2 on 16.7, 31.7 (MJ)

*Lymantria monacha* **BLACK ARCHES** Portland Bird Observatory, 15.8, 17.8 (MC)

*Thumatha senex* **ROUND-WINGED MUSLIN** Morden Bog, 2 on 16.7 (CM, PD); Tadnoll, 19.7.2001 (JMc); Morden Bog, 22.7 (MSP, DG, JMc, BU, PD); Purewell Meadows, 24.7 (MJ); Arne, Salterns, 25.7 (CM); Stoborough Heath, 26.7 (PD); Studland, Shell Bay 2.8 (CM)

*Miltochrista miniata* **ROSY FOOTMAN** Portland Bird Observatory, 17.8, 19.8 (MC)

*Nudaria mundana* **MUSLIN FOOTMAN** Walditch, 8.7 (MSP); Swanage, 12.7 (RC); West Bexington, 14.7, 15.7, 16.7, 19.7, 20.7, 21.7, 23.7 (RE); Langton Matravers, 17.7 (BP), 5.8 (Nick Pomiankowski); Preston, 19.7, 23.7 (MF); Studland, Shell Bay 2.8 (CM)

*Atolmis rubricollis* **RED-NECKED FOOTMAN** Hurn, 12.6, 17.6, 20.6, 6.7 (MJ); Arne, Froxen, 13.6 (CM); north-east Dorset, 15.6 (RRC, DAH, PD)

*Eilema sororcula* **ORANGE FOOTMAN** Shapwick, 9.5 (PD); East Lulworth, 9.5 (DG, MSP); Hurn, 10 between 9.5 and 21.5, 14.6 (MJ); Upwey, 10.5 (PH); Merley, 20 between 11.5 and 8.6 (JHa); Blandford, 28 on 15.5 (PD); Merritown Heath, by day 16.5 (RRC); Alner's Gorse, 2 on 16.5 (PD); Puddletown, 10 between 16.5 and 11.6 (HW); Ware Wood, 17.5 (DF), 15.6 (PHS); Preston, 17.5 (RL); Walditch, 17.5 (MSP); Briantspuddle, 2 on 17.5, 17.6 (JF); Holt Heath, 3 on 19.5 (PD); Stubhampton Bottom, by day on 20.5 (MSP); Boys Wood, by day 30.5 (PHS); West Bexington, 31.5 (RE); Milborne Wood, 31.5, 8 on 4.6, 3 on 6.6 (HW); Sares Wood, 9 on 6.6, 5 on 7.6 (MF); Chickerell Downs, 8.6 (PHS); Ashington, 8.6 (JF); Trigon Ford, 12.6 (CM); north-east Dorset, 2 on 13.6 (PD); Woolland, 14.6 (PBe); north-east Dorset, 3 on 15.6 (RRC, DAH, PD); Holt Heath, 3 on 16.6 (PD)

*Eilema deplana* **BUFF FOOTMAN** Merley, 85 between 9.7 and 26.8 (JHa); Wool, 14.7, 22.7, 12.8, 15.8, 17.8, 21.8, 27.8 (DC); Merritown Heath, 2 on 28.7 (MJ); Wyke Regis, 29.7 (DF); Bothenhampton, 31.7 (DW); Preston, 3 on 1.8 (PK); Ashington, 2 on 6.8 (JF); Slepe Heath, 12.8, 3.9 (DC); Woolland, 11.9 (PBe)

*Lithosia quadra* **FOUR-SPOTTED FOOTMAN** Puddletown, 11.7, 12.7 (HW); East Lulworth, 1.10, 2.10 (DG, MSP)

*Coscinia cribraria* **SPECKLED FOOTMAN** Dorset heath, larva by day 2.3 (PD); Dorset heath, 2 on 19.7 (SFP); Dorset heath, 5 on 25.7 (SFP)

*Parasemia plantaginis* **WOOD TIGER** Black Hill, 3 at rest, in flight on 17.6 (PD); Lyscombe, 2 in flight on 18.6 (PD); Fontmell Down, 8 by day 19.6 (DBC); Melbury Down, by day 27.6 (DBC)

*Arctia villica britannica* **CREAM-SPOT TIGER** West Bexington, 33 between 17.5 and 25.6 (RE); Keyworth, 18.5 (HW); Hengistbury Head, 10 between 27.5 and 19.6 (MJ); New Buildings, Langton West Wood, 2.6 (CM); Preston, 2.6 (RL), 15.6 (MF), 25.6 (PK); Chickerell Downs, 8.6 (PHS); Gillingham, 11.6 (GH); Hurn, 12.6, 2 on 14.6 (MJ); Slepe Heath, 13.6 (DC); Arne, Gold Point, 13.6 (CM); Arne, Froxen, 13.6 (CM); Merritown Heath, 4 on 14.6 (PD); Freshwater Bay, 15.6 (MSP); Wyke Regis, 17.6 (DF); Ware Wood, 22.6 (DF)

*Euplagia quadripunctaria* **JERSEY TIGER** Walditch, larva on 5.5, larva on 16.5, 135 between 29.7 and 29.8 (MSP); West Bexington, 92 between 16.7 and 27.8 (RE); Wyke Regis, 24.7 (DF); Bothenhampton, 7 between 27.7 and 18.8 (DW); Portland Bird Observatory, by day 27.7, 14.8, by day 16.8, by day 28.8 (MC); Durlston, 13.8 (SN); Lodmoor, 16. (PHS, DF, MF, M Clarke, DCx); Charmouth, 28.8 (CE); Culverwell, by day 3.9 (per MC)

*Callimorpha dominula* **SCARLET TIGER** Stubhampton Bottom, full grown larva feeding on oak gall on 19.5 (PD), 2 larvae 20.5 (MSP)

*Meganola albula* **KENT BLACK ARCHES** West Bexington, 24 nights between 29.6 and 18.8 (RE); Upwey, 5.7 (PH); Higher Hyde, 2 on 6.7 (MF, DF, PH, JD, RL, DCx); Slepe Heath, 10.7, 24.7 (DC); Hurn, 13.7 (MJ); Morden Bog, 18.7 (DC, PD); Wyke Regis, 19.7 (DF); Trigon, 22.7, 30.7, 7.8 (CM); Preston, 25.7, 4.8, 17.8 (PK); Wool, 25.7, 13.8 (DC); Arne, Salterns, 25.7 (CM); Stoborough Heath, 26.7 (PD); Talbot Heath, 29.7 (PD); Hengistbury Head, 2 on 30.7 (MJ); Durlston, 13.8 (SN); East Lulworth, 13.8 (RF), 14.8 (DG, MSP)

*Nola cucullatella* **SHORT-CLOAKED** Bothenhampton, 25.6 (DW); West Bexington, 25 nights between 5.7 and 18.8 (RE); Hengistbury Head, 6.7, 28.7 (MJ); Swanage, 6.7, 23.7, 28.7 (RC), 13.7, 15.7, 17.7, 26.7 (WGT); Wyke Regis, 11.7 (DF); Ware Wood, 12.7 (DF); Woolland, 15.7, 22.7 (PBe); Preston, 6.7 (MF), 15.7 (PK); Weymouth, 16.7 (PHS); Lodmoor, 16.7 (PHS, DCx); Dorchester, 16.7, 22.7, 23.7 (JD); Morden Bog, 16.7 (CM, PD); Walditch, 16.7 (MSP); Trigon, Dynamite 26.7 (CM)

*Euxoa obelisca grisea* **SQUARE-SPOT DART** West Bexington, 12.8 (RE); Durlston, 31.8 (JM); Charmouth, 1.9 (CE)

*Euxoa tritici* **WHITE-LINE DART** Hengistbury Head, 9 between 22.7 and 4.9 (MJ); .7 (MJ); Stoborough Heath, 3 on 26.7 (PD); Shapwick, 27.7 (PD); Holt Heath, 28.7 (PD); East Lulworth, 19.8 (DG, MSP); Ferndown, 21.8 (DAH); Durlston, 4 on 31.8 (JM)

*Euxoa nigricans* **GARDEN DART** Bothenhampton, 2 on 4.8 (DW); Portland, 17.8 (RRC, DAH, AP)

*Agrotis cinerea* **LIGHT FEATHERED RUSTIC** Preston, 7.5, 11.5 (RL); Woolland, 11.5 (PBe); Puddletown, 12.5, 29.5 (HW); Upwey, 17.5 (PH); Ballard Down, 1.6 (CM)

*Agrotis vestigialis* **ARCHER'S DART** Trigon, 22.7, 7.8, 16.9 (CM); Studland, Shell Bay, 2.8 (CM); Slepe Heath, 21 between 12.8 and 29.8 (DC); Studland Dunes, 14.9 (CM)

*Agrotis trux lunigera* **CRESCENT DART** West Bexington, 17 between 25.6 and 19.8 (RE); Bothenhampton, 2 on 14.7 (DW); Durlston, 18.7 (BP), 13.8 (SN); Swanage, 19.7 (RC); Walditch, 11 between 26.7 and 16.8 (MSP); Wyke Regis, 28.7 (DF); Upwey, 29.7, 30.7, 31.7, 1.8 (PH); East Lulworth, 6.8 (DG, MSP)

*Agrotis ripae* **SAND DART** Hengistbury Head, 14.6, 26.6 (MJ); Studland, 2.8 (CM)

*Ochropleura leucogaster* **RADFORD'S FLAME SHOULDER** Puddletown, 31.10 (HW)

*Spaelotis ravida* **STOUT DART (not verified)** Bothenhampton, 4.8 (DW)

*Paradiarsia glareosa* **AUTUMNAL RUSTIC** Trigon, 4.9, 2.10 (CM); Hengistbury Head, 8.9, 13.9, 2 on 22.9, 24.9 (MJ); Slepe Heath, 17 between 11.9 and 7.10 (DC); Wool, 13.9, 17.9, 30.9 (DC); Studland Dunes, 14.9 (CM); Merley, 15.9, 17.9 (JHa); Puddletown, 21.9 (HW); Studland, Knoll, 28.9 (CM); Milborne Wood, 7 on 28.9, 4 on 11.10 (HW); East Lulworth, 2.10 (DG, MSP); Swanage, 4.10 (RC); Walditch, 8.10 (MSP)

*Xestia baja* **DOTTED CLAY** Merritown Heath, 28.7 (MJ); Studland, Shell Bay, 5 on 2.8 (CM); East Lulworth, 12.8 (RF); Arne, Patchins, 3.9 (CM)

*Xestia castanea* **NEGLECTED RUSTIC** Arne, Patchins, 4 on 3.9 (CM); Slepe Heath, 3.9, 12.9, 19.9, 30.9 (DC); Studland Dunes, 4 on 14.9 (CM); Merley, 2 on 14.9, 18.9 (JHa); Trigon, 16.9, 2 on 19.9, 26.9 (CM); Studland, Knoll, 5 on 28.9 (CM)

*Xestia agathina* **HEATH RUSTIC** West Bexington, 27.8 (RE); Slepe Heath, 100 between 2.9 and 7.10 [forty on 11.9] (DC); Arne, Patchins, 2 on 3.9 (CM); Shapwick, 12.9, 3 on 19.9 (PD); Merley, 2 on 12.9, 2 on 16.9, 20.9, 23.9, 2.10 (JHa); East Lulworth, 6 on 14.9 (DG, MSP); Puddletown, 13.9, 14.9 (HW); Studland Dunes, 8 on 14.9 (CM); Hurn, 19.9 (MJ); Hengistbury Head, 2 on 20.9 (MJ); Portland Bird Observatory, 20.9 (MC); Studland, Shell Bay, 11 on 21.9 (CM); Studland, Knoll, 35 on 28.9 (CM)

*Naenia typica* **GOTHIC** Bagmore Wood, nr Bourton, 1.7 (MPl); Wyke Regis, 11.7 (DF); Weymouth, 16.7 (PHS); Upwey, 16.7, 27.7, 30.7, 7.8, 8.8 (PH); Puddletown, 17.7, 18.7, 4.8 (HW); Merley, 2 on 17.7, 19.7, 23.7 (JHa); Preston, 19.7 (MF); Radipole Lake, 2.8 (MF, DF, PH); Milton-on-Stour 27.7, 13.8 (JB); Portland Bird Observatory, 6.8 (MC); Gillingham, 7.8 (GH)

*Polia nebulosa* **GREY ARCHES** Portland Bird Observatory, 26.7 (MC)

*Mamestra brassicae* **CABBAGE** Preston, 7.5, 6.7, 2 on 29.7, 22.8, 11.9 (PK), 11.6 (MF); Gillingham, 8.5 (GH); Hengistbury Head, 4 between 8.5 and 4.6, 5 between 30.6 and 6.8 (MJ); 25.4, 2.5, 30.5, 15.7, 27.7, 30.7, 1.8 (MJ); Dorchester, 16.5, 4.6, 12 nights between 5.7 and 14.9 (JD); Walditch, 16.5 (MSP); Wyke Regis, 18.5 (DF); West Bexington, 18.5, 11.6, 17.6, 20 nights between 6.7 and 12.9 (RE); Wool, 1.6, 5.7, 22.7, 2.8, 15.8 (DC); Swanage, 21.6, 19.9 (TP); Langton Matravers, 6.7.2000, 26.7.2000, 22.7.2001, 29.7.2001, 25.8.2001, 16.7, 3.8 (PG); Weymouth, 16.7 (PHS); Bothenhampton, 23.7 (DW); Shaftesbury, 3.8 (WS); Ashington, 5.9 (JF)

*Lacanobia contigua* **BEAUTIFUL BROCADE** Merritown Heath, 14.6 (MJ); Morden Bog, 29.6 (PD); Higher Hyde, 5 on 6.7 (MF, DF, PH, JD, RL, DCx), 3 on 15.7 (PD, CM); Dorset heath, 19.7, 2 on 25.7 (SFP); Upton Heath, 2 on 24.7 (JMc, PD)

*Lacanobia suasa* **DOG'S TOOTH** Hengistbury Head, 65 between 19.4 and 10.8 (MJ); Preston, 6.5, 17.5, 2.6, 5.6, 6.6, 6.7, 13.7 (RL), 8.6, 27.8 (MF); Arne, Froxen, 11.5 (CM); Arne, Patchins, 17 on 16.5 (CM); Wyke Regis, 15.5 (DF); Arne, Gold Point, 3 on 13.6 (CM); Puddletown, 28.6 (HW); Arne, Patchins, 12.7, 11 on 29.7 (CM); Lodmoor, 16.7 (PHS, DCx), 16.8 (PHS, DF, MF, M Clarke, DCx)

*Ceramica pisi* **BROOM** Hengistbury Head, 25 between 9.5 and 2.8 (MJ); Slepe Heath, 13.6, 18.6, 11.7 (DC); Merritown Heath, 5.7 (MJ); West Bexington, 5.7, 6.7 (RE)

*Hecatera bicolorata* **BROAD-BARRED WHITE** Dorchester, 5.6, 25.6, 28.6, 29.6, 2 on 5.7 (JD); Wool, 23.6, 25.6, 12.7 (DC); Higher Hyde, 6.7 (MF, DF, PH, JD, RL, DCx); Weymouth, 16.7 (PHS); Langton Matravers, 17.7 (BP); Hengistbury Head, 19.7 (MJ); Winfrith, 20.7 (MF, DF, DCx); Swanage, 24.7 (RC)

*Hadena rivularis* **CAMPION** Hurn, 12.3 (MJ); Lodmoor, 8.5 (PHS, MF); Winterborne Stickland, 10.5, 16.5 (LdW); West Bexington, 20 nights between 15.5 and 21.8 (RE); Bothenhampton, 1.6 (DW); Wool, 1.6, 2.6, 4.6, 16.6, 23.6, 25.6, 27.6, 3.7, 27.7 (DC); Preston, 23.6, 28.6, 15.7, 29.8 (PK); Upwey, 2.8 (PH); Portland Bird Observatory, 28.7 (MC)

*Hadena perplexa* **TAWNY SHEARS** West Bexington, 14 between 21.4 and 8.6, 45 between 10.7 and 12.9 (RE); Wyke Regis, 24.4 (DF); Arne, Froxen, 11.5 (CM); Puddletown, 13.5 (HW); Sutton Poyntz, 3 at Bladder Champion around dusk 31.5 (MF); Wool, 1.6 (DC); East Lulworth, 6.6 (DG, MSP); Preston, 6.7 (PK)

*Hadena luteago barrettii* **BARRETT'S MARBLED CORONET** West Bexington, 17.5 (RE)



*Hadena albimacula* **WHITE SPOT** East Lulworth, 28.5 (DG, MSP); Purbeck, 4 on 1.6 (CM); Wool, 20.6 (DC)

*Cerapteryx graminis* **ANTLER** Winterborne Stickland, 5.7 (LdW); Keyworth, 4 on 3.9 (HW)

*Tholera decimialis* **FEATHERED GOTHIC** Portland Bird Observatory, 2.9 (MC)

*Panolis flammea* **PINE BEAUTY** Wyke Regis, 7.6 (DF); Higher Hyde, 15.7 (PD, CM)

*Orthosia miniosa* **BLOSSOM UNDERWING** Ware Wood, 22.3 (DF); Woolland, 16.4 (PBe); Hengistbury Head, 25.4 (MJ)

*Orthosia opima* **NORTHERN DRAB** Woolland, 31.3 (PBe); Gillingham, 12.4 (GH); Hengistbury Head, 14.4 (MJ)

*Orthosia populeti* **LEAD-COLOURED DRAB** Hurn, 15 between 4.3 and 22.3 (MJ); Woolland, 20.3, 29.3 (PBe)

*Orthosia gothica* **HEBREW CHARACTER** Puddletown, 25.12 (HW)

*Mythimna turca* **DOUBLE-LINE** Melbury Park, 2 on 13.7 (CM), 6 on 14.7 (PHS)

*Mythimna conigera* **BROWN-LINE BRIGHT EYE** Wyke Regis, 6.8 (DF); Winterborne Stickland, 18.8 (LdW);

*Mythimna albiguncta* **WHITE-POINT** West Bexington, 82 between 27.5 and 5.7, 287 between 28.7 and 22.10 (RE); Middlebere Heath, 30.5 (CM); Portland Bird Observatory, 14 between 31.5 and 20.6, 101 between 6.8 and 11.10 (MC); Hengistbury Head, 4.6, 13.6, 14.6, 30.8, 13.9 (MJ); East Lulworth, 2 on 13.6, 10 between 29.8 and 1.10 (DG, MSP), 12.10 (PHS); Walditch, 9 between 18.6 and 20.9 (MSP); Slepe Heath, 23.7, 19.8, 27.8, 19.9 (DC); Swanage, 12.8, 27.8, 1.9, 12.9 (RC), 7.9 (TP); Durlston, 4 on 13.8, 9 on 3.9 (SN); Freshwater Bay, Portland, 17.8 (RRC, DAH, AP); Trigon, 26.8, 29.8, 4.9, 6.9 (CM); Durlston, 31.8 (JMc); Preston, 11 between 22.8 and 9.10 (PK), 30.9, 11.10 (MF); Wyke Regis, 6 between 26.8 and 1.10 (DF); Dorchester, 27.8 (JD); Swanage, 2 on 31.8, 2 on 7.9 (RC); Durlston, 9 on 3.9 (SN); Bothenhampton, 6.9 (DW); Studland Dunes, 14.9 (CM)

*Mythimna vitellina* **DELICATE** Portland Bird Observatory, 15.5, 16.5, 66 between 10.9 and 1.11 (MC); East Lulworth, 6.6 (DG, MSP), 2.10 (DG), 12.10 (PHS); West Bexington, 5.7, 16.7, 35 between 29.9 and 3.11 (RE); Wyke Regis, 28.8, 5.10 (DF); Slepe Heath, 30.9, 7.10 (DC); Seacombe, 5 on 30.9 (CM); Preston, 5.10, 10.10, 11.10, 1.11 (MF); Winterborne Stickland, 8.10 (LdW); Walditch, 8.10, 29.10 (MSP); Langton Matravers, 29.10 (PG); Durlston, 2 on 31.10 (SN)

*Mythimna straminea* **SOUTHERN WAINSCOT** Wyke Regis, 20.6 (DF); Puddletown, 26.6, 29.6 (HW); Morden Bog, 8 on 29.6 (PD), 16.7 (CM, PD); Hurn, 7.7 (MJ); West Bexington, 24 nights between 10.7 and 12.9 (RE); Preston, 59 between 14.7 and 30.8 ... peak of 16 on 26.8 (MF), 12.8, 5 on 2.9 (PK); Abbotsbury, 5 on 14.7.2001 (JMc); Weymouth, 16.7 (PHS); Lodmoor, 16.7 (PHS, DCx), 16.8 (PHS, DF, MF, M Clarke, DCx), 30.8 (MF, DF, PHS, CM, PH); Studland, Salterns, 3 on 25.7 (CM); Hengistbury Head, 25.7, 27.7, 30.7, 2.8 (MJ); Arne, Patchins, 29.7 (CM); Charmouth, 2 on 30.7 (CE); Portland Bird Observatory, 6.8, 7.8, 19.8 (MC); Cheyne Weare, 4.8 (per MC); Lodmoor, 30.8 (MF, DF, PHS, CM, PH)

*Mythimna favicolor* **MATHEW'S WAINSCOT** Arne, Gold Point, 3 on 13.6 (CM); Arne, Patchins, 4 on 12.7, 9 on 29.7 (CM); Arne, Salterns, 3 on 25.7 (CM)

*Mythimna litoralis* **SHORE WAINSCOT** Hengistbury Head, 2.6, 12.7 (MJ); Studland, Shell Bay, 15 on 2.8 (CM)

*Mythimna unipuncta* **WHITE-SPECK** Portland Bird Observatory, 4.1, 3.3, 124 between 12.9 and 3.12 (MC); Ferndown, 24.8 (DAH); Wyke Regis, 12 between 28.8 and 29.10 (DF); Walditch, 13 between 8.9 and 12.12 (MSP); Weymouth, 13.9, 31.10, 1.11, 2.11 (PHS); Woolland, 16.9 (PBe); West Bexington, 41 between 1.10 and 4.12 (RE); Swanage, 5.10 (RC); Preston, 9.10, 2 on 10.10, 30.10, 31.10 (MF); East Lulworth, 10.10 (DG, MSP); Swanage, 2 on 11.10 (RC); Durlston, 2 on 20.10, 2 on 31.10 (SN); Trigon, 28.10 (CM); Highcliffe, 3 on 29.10 (PD); East Lulworth, 28.11 (MSP); Bridport, 1 at shop light 14.12 (MSP)

*Mythimna obsoleta* **OBSCURE WAINSCOT** Hengistbury Head, 16.5, 1.6, 14.6, 27.6 (MJ)

*Mythimna loreyi* **COSMOPOLITAN** Puddletown, 1.10 (HW); Swanage, 29.10 (RC); Portland Bird Observatory, 29.10 (MC)

*Senta flammea* **FLAME WAINSCOT** Morden Bog, 2 on 8.5 (PD); Slepe Heath, 16.5 (DC); Keyworth, 18.5 (HW); Arne, Salterns, 18.5 (CM); Middlebere Heath, 30.5 (CM)

*Cucullia chamomillae* **CHAMOMILE SHARK** Dorchester, 7.3 (JD); West Bexington, 3.4, 4.4, 19.4 (RE); Milton-on-Stour 24.4 (JB); Wyke Regis, 1.5 (DF); Hengistbury Head, 6.5 (MJ); Puddletown, 11.5, 18.5 (HW)

*Brachylomia viminalis* **MINOR SHOULDER-KNOT** Merritown Heath, 5.7, 28.7 (MJ); Merley, 5.7, 12.7, 21.7, 22.7, 23.7 (JHa); Slepe Heath, 9.7, 10.7 (DC); Ware Wood, 12.7 (DF); Arne, Salterns, 25.7 (CM)

*Brachionyca sphinx* **SPRAWLER** West Bexington, 31.10, 5.11, 17.11, 25.11 (RE); Woolland, 1.11, 8.11 (PBe)

*Dasyptolia templi* **BRINDLED OCHRE** Durlston, 31.10 (SN)

*Aporophyla lutulenta* **DEEP-BROWN DART** Portland Bird Observatory, 27.9 (MC)

*Lithophane semibrunnea* **TAWNY PINION** Puddletown, 23.3, 4 on 31.3, 12.10 (HW); Upwey, 29.3 (PH); Woolland, 1.11 (PBe)

*Xylena vetusta* **RED SWORD-GRASS** Puddletown, 25.2 (HW); East Lulworth, 7.3 (DG, MSP), 20.3 (MSP); Slepe Heath, 21.3 (DC); Morden Bog, 2 on 25.4 (PD); Milton-on-Stour 8.10 (JB); Milborne Wood, 30.11 (HW); Durlston, 22.12 (SN, PD)

*Trigonophora flammea* **FLAME BROCADE** Portland Bird Observatory, 29.10 (MC); Wyke Regis, 29.10 (DF)

*Polymixis flavicincta* **LARGE RANUNCULUS** Walditch, 14.9 (MSP); West Bexington, 21.9, 29.9, 2.10 (RE); Wyke Regis, 29.9 (DF)

*Eumichtis lichenea lichenea* **FEATHERED RANUNCULUS** Wyke Regis, 27.7 (DF); Milborne Wood, 12.9 (HW); Wool, 20 between 16.9 and 5.10 (DC); Puddletown, 29.9, 2.10, 10.10, 16.10 (HW); Dorchester, 27.9, 28.9, 2.10 (JD); East Lulworth, 12.10 (PHS); Slepe Heath, 14.10 (DC); Highcliffe, 29.10 (PD)

*Conistra ligula* **DARK CHESTNUT** Woolland, 29.1, 20.12 (PBe); West Bexington, 4.3, 8.3, 21.3, 10 nights between 20.10 and 27.12 (RE); Milton-on-Stour 29.10 (JB); East Lulworth, 30.10 (MSP); Puddletown, 31.10 (HW); Durlston, 31.10 (SN), 22.12 (SN, PD); Preston, 9.11 (MF)

*Conistra rubiginea* **DOTTED CHESTNUT** Shapwick, 7.3, 24.3 (PD); Merley, 8.3, 13.3, 23.3, 27.3, 4.4 (JHa); Walditch, 15.3 (MSP); West Bexington, 21.3, 22.3, 7.4 (RE); Milton-on-Stour 26.3 (JB); Powerstock Common, 30.3 (MF, PH, JD); Moreton, 2 on 3.4 (MF, DF, PH); Wool, 12.4 (DC)

*Agrochola haematidea* **SOUTHERN CHESTNUT** Sopley Common, 3 on 28.10 (PHS, HW), 5 on 30.10 (JMc)

*Agrochola helvola* **FLOUNCED CHESTNUT** Briantspuddle, 12.10 (JF); Portland Bird Observatory, 16.10 (MC)

*Parastichtis suspecta* **SUSPECTED** Higher Hyde, 2 on 6.7 (MF, DF, PH, JD, RL, DCx); Keyworth, 12.7 (HW); Winfrith, 2 on 20.7 (MF, DF, DCx); Holt Heath, 28.7 (RRC, DAH); Talbot Heath, 29.7 (PD)

*Xanthia citrigo* **ORANGE SALLOW** Puddletown, 20.9, 3.10 (HW); Walditch, 8.10 (MSP)

*Moma alpium* **SCARCE MERVEILLE DU JOUR** north-east Dorset, mid-June (PD)

*Acronicta megacephala* **POPLAR GREY** Bagmore Wood, nr Bourton, 20.5 (MPl); Preston, 16 between 30.5 and 19.8 (PK), 28.6 (MF); Poole, 7.7 (PT); Dorchester, 14.7 (JD)

*Acronicta leporina* **MILLER** Portland Bird Observatory, 23.7 (MC)

*Mormo maura* **OLD LADY** Puddletown, 12.8 (HW); Poole, 16.8 (PP); Wimborne, 29.8 (MG); Lodmoor, 30.8 (MF, DF, PHS, CM, PH); Arne, Patchins, 3.9 (CM); Mudeford Wood, 5 on 5.9 (MJ); Studland Dunes, 14.9 (CM)

*Ipimorpha retusa* **DOUBLE KIDNEY** Tadnoll, 19.7.2001 (JMc); Keyworth, 5.8 (HW); Ferndown, 7.8 (RRC)

*Ipimorpha subtusa* **OLIVE** Dorset heath, 25.7 (SFP); Walditch, 25.7 (MSP); Merritown Heath, 28.7 (MJ); Preston, 29.7 (RL); Ashington, 30.7 (JF); Upwey, 2.8, 3.8 (PH); East Lulworth, 6.8 (DG, MSP)

*Enargia ypsilon* **DINGY SHEARS** Kingston, 13.7 (PBe); Hengistbury Head, 13.7, 15.7, 17.7 (MJ); West Bexington, 15.7, 26.7 (RE); Wyke Regis, 18.7 (DF); Morden Bog, 22.7 (MSP, DG, JMc, BU, PD); Preston, 23.7 (MF); Puddletown, 23.7, 27.7 (HW); Swanage, 25.7 (RC); Walditch, 28.7 (MSP); Hurn, 29.7 (MJ)

*Cosmia affinis* **LESSER-SPOTTED PINION** Upwey, 19.8 (PH)

*Apamea oblonga* **CRESCENT STRIPED** Arne, Patchins, 29.7 (CM)

*Apamea subultrix* **REDDISH LIGHT ARCHES** Puddletown, 2.6, 29.6, 8.7, 17.7 (HW); Dorchester, 24.6 (JD); Hurn, 14.7 (MJ); Hengistbury Head, 15.7, 16.7 (MJ); Morden Bog, 22.7 (MSP, DG, JMc, BU, PD); Badbury Rings, 3 on 27.7 (PD)

*Apamea epomidion* **CLOUDED BRINDLE** Preston, 2.6 (MF), 25.6, 2 on 6.7 (PK); West Bexington, 8.6, 18.6, 26.6, 9.7 (RE); Walditch, 15.6 (MSP); Swanage, 23.6, 24.6, 25.6, 26.6, 28.6 (RC); Motcombe, 5.7 (PBu)

*Apamea unanimitis* **SMALL CLOUDED BRINDLE** Preston, 16.5, 2.6, 4.6 (MF), 15.6 (PK); West Bexington, 17.5, 18.5, 30.5, 13.6, 11.7 (RE); Walditch, 4.6 (MSP); Wimborne, 6.6 (MG); Wyke Regis, 8.6 (DF); Trigon Ford, 12.6 (CM)

*Apamea scolopacina* **SLENDER BRINDLE** Hurn, 19.7, 21.7, 27.7 (MJ); Milborne Wood, 21.7 (HW); Keyworth, 2 on 25.7 (HW); Walditch, 11.8 (MSP)

*Apamea ophiogramma* **DOUBLE LOBED** Hengistbury Head, 13.7 (MJ); Hurn, 15.7, 21.7 (MJ); Puddletown, 17.7, 4 on 18.7, 19.7, 20.7 (HW); Woolland, 23.7 (PBe); Upwey, 27.7 (PH); Radipole Lake, 8 on 2.8 (MF, DF, PH); Wimborne, 3.8 (MG); Preston, 7.8 (MF)

*Mesoligia literosa* **ROSY MINOR** Hengistbury Head, 25 between 17.7 and 2.8 (MJ); Wyke Regis, 27.7 (DF); Preston, 15 between 29.7 and 25.8 (PK); Trigon, 27.7 (CM); Dorchester, 31.7, 3.8, 5.8, 6.8, 7.8 (JD); Studland, Shell Bay, 4 on 2.8 (CM); Shaftesbury, 6.8 (WS); Woolland, 18.8, 27.8 (PBe)

*Photodes morrisii morrisii* **MORRIS'S WAINSCOT** Charmouth, 2 on 18.6 (CE)

*Photodes fluxa* **MERE WAINSCOT** Charmouth, 30.7 (CE)

*Photodes pygmina* **SMALL WAINSCOT** West Bexington, 13 nights between 24.7 and 1.10 (RE); Arne, Salterns, 25.7 (CM); Arne, 26.7 (JMc); Bothenhampton, 4.8 (DW); Ashington, 8.8 (JF); Wool, 10.8, 17.8, 21.8 (DC); Slepe Heath, 13 between 12.8 and 12.9 (DC); East Lulworth, 12.8 (RF), 20.8, 1.10 (DG, MSP), 29.9, 2 on 30.9 (DG); Trigon, 14.8, 4.10 (CM); Bagmore Wood, nr Bourton, 16.8 (MPI); Lodmoor, 16.8 (PHS, DF, MF, M Clarke, DCx); Walditch, 18.8 (MSP); Portland Bird Observatory, 22.8, 19.9 (MC); Wyke Regis, 22.8 (DF); Merley, 25.8, 2 on 30.8 (JHa); Arne, Patchins, 3.9 (CM); Kingcombe, 10.9, 11.9, 12.9 (REt); Studland Dunes, 14.9 (CM); Studland, Knoll, 28.9 (CM)

*Eremobia ochroleuca* **DUSKY SALLOW** Wool, 22.7, 10.8, 12.8, 13.8 (DC); Slepe Heath, 23.7, 24.7, 25.7 (DC); Wyke Regis, 26.7 (DF); Hengistbury Head, 26.7 (MJ); Wimborne, 27.7 (MG); Holt Heath, 3 on 28.7 (RRC, DAH, JMc, SP); Merley, 29.7 (JHa); Ashington, 30.7 (JF); Hurn, 3.8 (MJ); West Bexington, 10 nights between 3.8 and 20.8 (RE); Dorchester, 5.8, 25.8 (JD); Walditch, 6.8 (MSP); Preston, 7.8 (PK, MF); East Lulworth, 12.8 (RF); Seacombe, 3 on 17.8 (CM); Portland, 17.8 (RRC, DAH, AP)

*Amphipoea fucosa paludis* **SALTERN EAR** Preston, 10.7 (RL), 66 between 16.7 and 29.8 ... peak of 15 on 13.8 (MF); Lodmoor, 16.7 (PHS, DCx), 16.8 (PHS, DF, MF, M Clarke, DCx); Dorchester, 18.7, 2.8, 7.8, 28.8 (JD); West Bexington, 19.7, 2 on 28.7, 3 on 30.7, 31.7, 2.8, 7.8, 16.8, 17.8 (RE); Wyke Regis, 22.7 (DF); Arne, Patchins, 6 on 29.7 (CM); Upwey, 11 nights between 29.7 and 18.8 (PH); Hengistbury Head, 30.7 (MJ); Radipole Lake, 2.8 (MF, DF, PH); Puddletown, 7.8 (HW)

*Gortyna flavago* **FROSTED ORANGE** Portland Bird Observatory, 4.9 (MC)

*Celaena leucostigma* **CRESCENT** Preston, 11 between 12.7 and 17.8 (MF); Lodmoor, 16.7 (PHS, DCx), 16.8 (PHS, DF, MF, M Clarke, DCx), 30.8 (MF, DF, PHS, CM, PH); Wyke Regis, 25.7 (DF); Hengistbury Head, 28.7 (MJ); Portland Bird Observatory, 29.7, 19.8 (MC); Puddletown, 5.9, 6.9, 12.9 (HW)

*Nonagria typhae* **BULRUSH WAINSCOT** Portland Bird Observatory, 19.7, 17.8 (MC); Puddletown, 2.8, 14.8, 17.8, 14.9 (HW); West Bexington, 4.8, 14.8, 15.8, 25.8, 28.8, 30.8, 6.9 (RE); Slepe Heath, 15.8 (DC); Walditch, 23.8 (MSP); Wyke Regis, 27.8 (DF); Arne, Patchins, 3.9 (CM); Milborne Wood, 12.9 (HW)

*Archanara geminipuncta* **TWIN-SPOTTED WAINSCOT** Abbotsbury, 14.7.2001 (JMc); Lodmoor, 16.8 (PHS, DF, MF, M Clarke, DCx); Arne, 26.7 (JMc); West Bexington, 26.7, 27.7, 30.7 (RE); Hengistbury Head, 27.7, 30.7, 2.8 (MJ); Arne, Patchins, 29.7 (CM); Trigon, 7.8 (CM); Portland Bird Observatory, 8.8 (MC); Dorchester, 25.8 (JD);

*Archanara dissoluta* **BROWN-VEINED WAINSCOT** Lodmoor, 16.7 (PHS, DCx), 16.8 (PHS, DF, MF, M Clarke, DCx), 30.8 (MF, DF, PHS, CM, PH); Keyworth, 18.7, 5.8 (HW); West Bexington, 23.7, 2.8 (RE); Preston, 24.7 (MF); Wyke Regis, 26.7 (DF); Portland Bird Observatory, 29.7, 30.7 (MC)

*Archanara sparganii* **WEBB'S WAINSCOT** Slepe Heath, 3.9 (DC)

*Sedina buettneri* **BLAIR'S WAINSCOT** Maiden Newton, at ambulance lights at road traffic accident 26.10 (Andy Elliot)

*Arenostola phragmitidis* **FEN WAINSCOT** Poole, 10.7 (PT); Lodmoor, 16.7 (PHS, DCx), 16.8 (PHS, DF, MF, M Clarke, DCx); Hengistbury Head, 7 between 17.7 and 2.8 (MJ); Wyke Regis, 18.7 (DF); Keyworth, 12 on 18.7, 5.8 (HW); West Bexington, 22.7 (RE); Arne, Salterns, 3 on 25.7 (CM); Trigon, Dynamite 26.7 (CM); Arne, Patchins, 2 on 29.7 (CM); Upwey, 30.7 (PH); Puddletown, 7.8 (HW)

*Coenobia rufa* **SMALL RUFOUS** Portland Bird Observatory, 6.8 (MC)

*Spodoptera exigua* **SMALL MOTTLED WILLOW** Shapwick, 2 on 17.5 (PD); Down Farm, 2 on 17.5 (MJ); Portland Bird Observatory, 2 on 17.5, 3.6, 4.6, 19.6, 2 on 28.7, 29.7, 26.8, 1.11 (MC);

Dorchester, 17.5, 19.5, 1.6 (JD); Walditch, 17.5, 18.5, 29.10 (MSP); West Bexington, 20.5, 26.7, 27.7 (RE); East Lulworth, 6.6 (DG, MSP); Wimborne, 6.6 (MG); Trigon, 17.6 (CM); Bothenhampton, 7.7 (DW); Wyke Regis, 30.7, 30.8 (DF); Trigon, 4.8 (CM)

*Chilodes maritimus* **SILKY WAINSCOT** Keyworth, 18.5, 50 on 18.7 (HW); Arne, Salterns, 2 on 8.6, 3 on 25.7 (CM); West Bexington, 5.7 (RE); Hengistbury Head, 15.7, 16.7 (MJ); Radipole Lake, 3 on 2.8 (MF, DF, PH)

*Stilbia anomala* **ANOMALOUS** Slepe Heath, 10.9 (DC)

*Elaphria venustula* **ROSY MARBLED** Hurn, 27.6 (MJ)

*Panemeria tenebrata* **SMALL YELLOW UNDERWING** Milton-on-Stour, by day 10.5 (JB); Shapwick, 100 in flight and at rest on mouse-ear in meadows on 12.5, 50 in flight and at rest near Mouse-ear in meadows on 15.5 (PD); Badbury Rings, disturbed 26.5 (PD); Brookman's Valley, by day 31.5 (W Raymond)

*Pyrria umbra* **BORDERED SALLOW** Wyke Regis, 10.5 (DF); Swanage, 18.6 (RC); Preston, 28.6 (MF); West Bexington, 8.7 (RE); Abbotsbury, 14.7.2001 (JMc); Arne, Salterns, 25.7 (CM); Arne, 26.7 (JMc); Slepe Heath, 30.7 (DC)

*Helicoverpa armigera* **SCARCE BORDERED STRAW** Portland, 17.8 (RRC, DAH, AP); Portland Bird Observatory, 18.8, 27.8, 11.9, 23.9, 29.9, 4 on 30.9, 31.10, 25.11 (MC); West Bexington, 2.10, 2 on 29.10, 4.11 (RE); Shapwick, 31.10 (PD)

*Heliopsis peltigera* **BORDERED STRAW** Upwey, 3.6, 4.6 (PH); Wool, 16.6 (DC); Portland Bird Observatory, 17.7, 16.9 (MC); Cheyne Weare, 4.8 (per MC); West Bexington, 4.8, 12.8, 24.8, 3.9, 11.9, 2 on 13.9, 19.9, 20.9 (RE); Seacombe, 17.8 (CM); Wyke Regis, 26.8, 30.8 (DF); Ashington, 5.9 (JF); Puddletown, 15.9 (HW); Walditch, 18.9 (MSP)

*Earias clorana* **CREAM-BORDERED GREEN PEA** Middlebere Heath, 30.5 (CM); Hengistbury Head, 17 between 2.6 and 6.8 (MJ); West Bexington, 8.6 (RE); Holt Heath, 16.6 (PD); Portland Bird Observatory, 5.7 (MC); Upwey, 5.7, 16.7, 26.7, 27.7 (PH); Milborne Wood, 9.7 (HW); Puddletown, 9.7 (HW); Preston, 15.7 (MF); Lodmoor, 16.7 (PHS, DCx); Trigon, 22.7 (CM); Trigon, Dynamite 26.7 (CM); East Lulworth, 6.8 (DG, MSP)

*Bena prasinana* **SCARCE SILVER-LINES** Motcombe, 5.7 (PBu); Puddletown, 7.7, 15.7 (HW); Lodmoor, 16.7 (PHS, DCx); Gillingham, 16.7 (GH); Preston, 17.7 (RL); Verwood, 27.7 (SP); Ashington, 8.8 (JF)

*Chrysodeixis chalcites* **GOLDEN TWIN-SPOT** Wyke Regis, 26.8 (DF)

*Trichoplusia ni* **NI** Puddletown, 7.8 (HW); Wyke Regis, 21.8 (DF); Durlston, 3.9 (SN); Portland Bird Observatory, 3.9 (MC)

*Polychrysis moneta* **GOLDEN PLUSIA** Ferndown, larvae on delphinium on 27.4, 28.7 (RRC)

*Plusia festucae* **GOLD SPOT** Slepe Heath, 2 on 16.5, 19 between 12.8 and 12.9 (DC); Hengistbury Head, 2.6, 17.6, 28.7, 6.8 (MJ); Trigon, 6.6, 14.8, 26.8, 28.8, 29.8, 4.9 (CM); East Lulworth, 6.6 (DG, MSP); Wool, 16 between 4.8 and 30.9 (DC); Keyworth, 5.8, 2 on 15.8 (HW); Merley, 9.8, 10.8 (JHa); Preston, 12.8 (PK), 26.8 (MF), 4.9 (RL); Upwey, 14.8 (PH); Lodmoor, 16.8 (PHS, DF, MF, M Clarke, DCx); Winterborne Stickland, 18.8 (LdW); West Bexington, 26.8, 30.9 (RE); Portland Bird Observatory, 26.8 (MC)

*Abrostola trigemina* **DARK SPECTACLE** West Bexington, 17.5 (RE); Wyke Regis, 17.5, 5.9 (DF); New Buildings, Langton West Wood, 2.6 (CM); Portland Bird Observatory, 16.6, 2.8, 25.8, 30.8, 12.9 (MC); Puddletown, 18.6, 30.6, 7.8 (HW); Milborne Wood, 13.7 (HW); Hurn, 16.7, 30.7 (MJ); Walditch, 16.7 (MSP); Preston, 16.7, 26.8 (MF); Hengistbury Head, 19.7 (MJ); Winfrith, 20.7 (MF, DF, DCx); Upwey, 28.7, 3.9, 4.10 (PH); Weymouth, 14.9 (PHS); Highcliffe, 29.10 (PD)

*Tyta luctuosa* **FOUR-SPOTTED** Portland Bird Observatory, 3 on 15.7, 6 on 16.7, 26.7, 2 on 27.7, 4 on 29.7, 30.7 (MC)

*Lygephila pastinum* **BLACKNECK** Friar's Fields, West Moors, by day on 11.7 (DAH); Upwey, 15.7 (PH); Two Mile Coppice, 17.7 (PHS, MF, DF, M Clarke); Wool, 17.7, 18.7 (DC); Keyworth, 2 on 18.7 (HW); Tadnoll, 19.7.2001 (JMc)

*Phytometra viridaria* **SMALL PURPLE-BARRED** Hurn, 16.5, 30.7 (MJ); Maiden Castle, 3 disturbed on 29.5 (PD); Higher Hyde, 14.6 (JMc), 15.7 (PD, CM), 5 on 23.7 (PD); Powerstock Common, 2 disturbed on 20.6 (PD); Morden Bog, 16.7 (CM, PD), 3 on 22.7 (MSP, DG, JMc, BU, PD); Trigon, 22.7 (CM); Upton Heath, 6 on 24.7 (JMc, PD); Dorset heath, 10 on 25.7 (SFP); Arne, 26.7 (JMc); Holt Heath, 28.7 (RRC, DAH, PD); Talbot Heath, 10 on 29.7 (PD); East Lulworth, 29.7 (DG, MSP); Ashington, 30.7 (JF)

*Hypena crassalis* **BEAUTIFUL SNOOT** Puddletown, 7.7 (HW)

*Hypena obsitalis* **BLOXWORTH SNOOT** Portland Bird Observatory, 1 indoors 15.3 (MC)

*Hyphenodes humidalis* **MARSH OBLIQUE-BARRED** Trigon, 17.6 (CM); Morden Bog, 10 on 16.7 (CM, PD), 22.7 (MSP, DG, JMc, BU, PD); Higher Hyde, 5 on 23.7 (PD); Dorset heath, 2 on 25.7 (SFP); Arne, Salterns, 25.7 (CM); Trigon, Dynamite 4 on 26.7 (CM); Arne, 26.7 (JMc); Stoborough Heath, 2 on 26.7 (PD); Holt Heath, 28.7 (RRC, DAH); Talbot Heath, 29.7 (PD); Studland Dunes, 14.9 (CM)

Peter Davey

Shapwick

## **2002 MICRO MOTH RECORDS**

### ***Phil Sterling***

It would have been difficult to repeat the quality of micromoths recorded in Dorset in 2001, and in the event, 2002 was not especially impressive for resident or immigrant species. There were a few goodies, though, which I have picked out of the list below as being especially noteworthy.

The first is *Acleris lorquiniana* (pRDB3), found new to the county at Radipole Lake Nature Reserve by Dave Foot on 2<sup>nd</sup> August. I returned from holiday that day and didn't have the energy to join the moth evening, but asked Dave to keep any unusual looking micros, since it was going to be such a warm night. Amongst the bundle of tubes the next morning was one containing the attractive *Acleris*. I subsequently found a larva in the flowers of purple loosestrife on the Reserve, indicating the moth is resident. The *Acleris* is known from the fens and broads of Norfolk and Cambridgeshire, with a single outlying colony in Hampshire until recent years. However, I understand from John Langmaid that the Hants colony has probably died out as the foodplant is no longer present in the fen, so the moth's presence in Dorset is particularly significant.

Jack Astley has found *Pammene trauniana* (pRDB3) near Ryme Intrinseca, on the Dorset/Somerset border. This is the first record in the county since the nineteenth century. Jack found this specimen at MV light, though normally this species is seen flying around the tops of field maple trees in the afternoon sunshine.

It was generally a poor year for micromoths flying in from Europe although there were a couple of species worthy of comment. Two specimens of *Evergestis limbata* were taken a month or so apart. This moth was found to be resident on the Isle of Wight last year, so it is just possible that the Dorset specimens came from there, or from a hidden colony somewhere in Purbeck. The larva feeds on the leaves of garlic mustard, and Chris Manley has included a note in this newsletter on his successful rearing of the species from ova he obtained from the female he caught at Trigon. The other species is *Dioryctria sylvestrella*, reported as new to the British Isles from Dorset in 2001. In 2002, a total of seven specimens were seen, in July, August and October. It seems possible the species is already established as a resident in the county, although searches to date have proved unsuccessful.

Records were gratefully received from:

JA – Jack Astley

SB – Steve Barrett

MC – Martin Cade

PAD – Peter Davey

CE – Christine Endecott

DF – Dave Foot

MF – Mark Forster

RF – Richard Fox

DG – David Gibbs

DGG – Dave Green

PH – Paul Harris

JH – John Hunnisett

MJ – Mike Jeffes

PK – Peter Knight

RL – Ricky Lambert

CMM – Chris Manley

JMM – Jamie MacMillan

JMG – James McGill

SN – Steve Nash

RP – Bob Palmer

CP – Claire Palmer

SMP – Steve Palmer

MSP – Mark Parsons

EP – Ted Pratt

PHS – Phil Sterling

HWH – Hugo Wood Homer

Other abbreviations

gen. det. - genitalia determined by	conf. - confirmed by	vc = vice-county
<i>Eriocrania salopiella</i>	Hengistbury Head (vc11), 2 on 20.4 (MJ)	
<i>Ectoedemia decentella</i>	Verwood, on 25.7 (SMP)	
<i>Lampronia luzella</i>	Stubhampton Bottom, 1 on 19.5 by day (PAD) & 1 on 27.5 (MSP)	
<i>Lampronia morosa</i>	Lodmoor, 6 larvae & 1 pupa on <i>Rosa</i> spp. on 26.4 (PHS)	
<i>Nemophora cupriacella</i>	Portland Bird Observatory, 1 on 13.7 by day (MC)	
<i>Pachythelia villosella</i>	Poole, 3 cases between 30.3 & 4.4 (PAD), Stoborough Heath, 3 cases between 27.5 & 11.6 (PAD)	
<i>Nemapogon ruricolella</i>	Weymouth, 1 on 12.7 by day (PHS)	
<i>Roeslerstammia erxlebelli</i>	Boys Wood, 1 on 30.5 by day (PHS); Hurn (vc11), 1 on 10.5 (MJ)	
<i>Caloptilia cuculipennella</i>	Cheyne Weare, Portland, on 1.7 (JH, PHS)	
<i>Parornix scoticella</i>	Verwood, 1 on 27.7 (SMP)	
<i>Phyllonorycter leucographella</i>	Trigon, 1 on 5.6 at MV (CMM); Swanage, mine on <i>Pyracantha</i> on 17.7 (RP); Wareham, mines on <i>Pyracantha</i> on 19.12 (DGG)	
<i>Prochoreutis sehestediana</i>	Boys Wood, 1 on 23.5 by day (PAD)	
<i>Glyphipterix forsterella</i>	Briars Wood, 2 on 30.5 (JA)	
<i>Yponomeuta rorella</i>	Walditch, on 12.8 (MSP)	
<i>Metriotetes lutarea</i>	Piddles Wood, 14 on 12.5 & 5 on 15.5 by day (PAD)	
<i>Coleophora genistae</i>	East Lulworth, 1 on 13.6 at MV, gen. det. (DGG, MSP)	
<i>Coleophora lassella</i>	Canford Heath, 2 on 25.7 (SMP, CP); Holt Heath, 1 on 28.7 (SMP)	
<i>Alabonia geoffrella</i>	West Bexington, 1 larva in dead twig <i>Prunus spinosa</i> on 15.2 (PHS); Puddletown, few larvae in dead sticks of <i>Rubus fruticosus</i> agg. on 19.2 (PHS)	
<i>Tachystola acroxantha</i> (CMM)	Branksome Dean Chine, 1 on 24.10 at MV (PAD); Trigon, 1 on 19.9 at MV	
<i>Pseudatemilia flavifrontella</i>	Walditch, 1 on each of 20.5 & 1.6 (MSP); Boys Wood, 2 on 30.5 by day (PHS)	
<i>Semioscopis steinkellneriana</i>	Hammoon, 1 on 23.4 at MV (SB, PAD)	
<i>Luquetia lobella</i>	Freshwater Bay, Portland, 2 on 15.6 at light (MSP)	
<i>Depressaria ultimella</i> (PHS)	Walditch, 1 on 16.5 (MSP); Lorton, 4 pupae in stems <i>Apium nodiflorum</i> on 23.8	
<i>Agonopterix purpurea</i>	Seacombe, 1 on 17.8 at MV (CMM)	
<i>Monochroa lucidella</i>	Higher Hyde, 3 on 15.7 at MV (PAD); Binnegar, on 15.6 by day (DG)	
<i>Carpatolechchia decorella</i>	Froxen Copse, Arne, 1 on 15.10 by day (PHS)	
<i>Platyedra subcinerea</i>	Walditch, 1 on 16.5 (MSP)	
<i>Scythris empetrella</i>	Stokeford Heaths, 1 larval tube under <i>Calluna vulgaris</i> on 24.4 (PHS)	
<i>Gynnidomorpha luridana</i>	Badbury Rings, 8 on 27.7 at MV (PAD)	
<i>Cochylis molliculana</i>	West Bexington, on 18 occasions between 31.5 & 1.10 at MV (RE); Lodmoor, on 16.7, 30.7 & 30.8 at MV (PHS, CMM, DF, MF <i>et al.</i> ); Walditch, 1 on each of 9.9 & 10.10 (MSP); Freshwater Bay, Portland, 1 on 15.6 at light (MSP); Chickerell Downs, on 8.6 at MV (PHS)	
<i>Cnephasia genitalana</i>	Weymouth, 1 on 26.7.01 at MV, gen. det. (PHS)	
<i>Acleris logiana</i>	Merritown Heath (vc11), 1 on 5.7 (MJ, conf. PHS)	
<i>Acleris lorquiniana</i>	Radipole Lake Nature Reserve, 1 on 2.8 at MV (DF, conf. PHS) & 1 larva on <i>Lythrum salicaria</i> flowers on 20.9, adult emerged 15.10 (PHS)	
<i>Olethreutes arcuella</i>	Stubhampton Bottom, 1 on 20.5 by day (MSP)	
<i>Apotomis semifasciana</i>	Holt Heath, 1 on 28.7 at MV (PAD); Upton Heath, 1 on 24.7 at MV (JMG, PAD)	
<i>Endothenia ustulana</i>	Walditch, 1 on 16.7, 2 on 29.7 (MSP)	
<i>Ancylis upupana</i>	Milborne Wood, 1 on 17.5 at MV (HWH)	
<i>Ancylis obtusana</i> (MSP)	Boys Wood, 1 on 23.5 by day (PAD); Stubhampton Bottom, 1 on 20.5 by day	
<i>Ancylis apicella</i>	Arne, 1 on 26.7 at MV (JMG); Holt Heath, 1 on 28.7 at MV (PAD); Upton Heath, 2 on 24.7 at MV (JMG, PAD)	
<i>Epinotia demarniana</i>	Holt Heath, 16 on 16.6 at MV (PAD); Turners Puddle Heath, on 6.6 at MV (PHS); Merritown Heath (vc11), 4 on 14.6 (MJ); Sopley Common (vc11), 1 on 15.6 (MJ)	
<i>Epinotia maculana</i>	Boys Wood, few larvae on <i>Populus tremula</i> on 30.5 (PHS)	

<i>Crociosema plebejana</i>	West Bexington, 1 on 7.1 & on 12 occasions between 12.9 & 2.12 at MV (RE); Walditch, on 4 occasions between 18.8 & 4.11 (MSP); Weymouth, 1 on each of 30.10 & 2.11 at MV (PHS); Puddletown, 1 on 16.6 at MV (HWH)
<i>Rhopobota stagnana</i>	Badbury Rings, 5 on 27.7 at MV (PAD)
<i>Eucosma conterminana</i>	Portland Bird Observatory, 1 on each of 24.7 & 29.7 at MV (MC)
<i>Selania leplastriana</i>	Winspit, 1 on 1.7 by day (PAD)
<i>Pammene giganteana</i>	Warre Wood, 1 on 1.4 at UV (PHS)
<i>Pammene trauniana</i>	Caswell Farm, Ryme Intrinseca, 1 on 26.7 at MV (JA, gen det. PHS))
<i>Pammene germmiana</i>	Milborne Wood, 1 on 6.6 at MV (HWH)
<i>Grapholita lathyрана</i>	Burton Bradstock, 2 on 29.3 by day (PHS)
<i>Epermenia insecurella</i>	Seacombe, 1 on 17.8 at MV (CMM)
<i>Epermenia aequidentellus</i>	Walditch, 1 on 29.8 (MSP)
<i>Calamotropha paludella</i>	Higher Hyde, 1 on 15.7 & 4 on 23.7 at MV (PAD); Holt Heath, 1 on 28.7 at MV (PAD); Portland Bird Observatory, 1 on 9.8 at MV (MC)
<i>Crambus silvella</i>	Arne Nature Reserve (Salterns), 1 on 25.7 at MV (CMM); East Lulworth, 1 on 19.8 at MV (DGG, MSP)
<i>Crambus hamella</i>	Arne Nature Reserve (Patchins), 2 on 3.9 at MV (CMM); Studland, 1 on 14.9 at MV (CMM)
<i>Pediasia contaminella</i>	Arne, 1 on 26.7 at MV (JMG); Holt Heath, 1 on 28.7 at MV (PAD); Stoborough Heath, 5 on 26.7 at MV (PAD); Portland Bird Observatory, 1 on 6.8 at MV (MC)
<i>Pediasia aridella</i>	Arne Nature Reserve (Patchins), 1 on 29.7 at MV (CMM)
<i>Eudonia pallida</i>	Shapwick, 1 on 20.5 at MV (PAD); West Bexington, 1 on each of 2.6 & 18.8 at MV (RE); Upwey, 1 on 2.6 at MV (PH); Arne Nature Reserve (Salterns), 5 on 8.6 at MV (CMM); Langton West Wood, 1 on 2.6 at MV (CMM); Down Farm, Cashmoor, 1 on 17.5 (MJ); Weymouth, 1 on 19.5 at MV (PHS); Portland Bird Observatory, 21 between 18.5 & 5.7 at MV (MC)
<i>Eudonia delunella</i>	Trigon, 1 on 29.6 at MV (CMM); Froxen Copse, 1 on 13.6 at MV (CMM); Two Mile Coppice, 1 on 17.7 at MV (PHS, DF, MF <i>et al.</i> ); Puddletown, 1 on 7.7 at MV (HWH)
<i>Eudonia lineola</i>	West Bexington, 1 on each of 5.7, 30.7, 6.8, 29.8 & 3.9 at MV (RE)
<i>Evergestis limbata</i>	Trigon, 1 on 18.7 at MV (CMM); East Lulworth, 1 on 12.8 at MV (RF)
<i>Evergestis extimalis</i>	Portland Bird Observatory, 4 between 30.7 & 2.9 at MV; Fortuneswell, 1 on 27.8 at MV (MC); West Bexington, 8 between 4.6 & 16.9 at MV (RE)
<i>Evergestis pallidata</i>	Melbury Park, 3 on 13.7 at MV (CMM); Langton Matravers, 16-19.7 (RP); East Lulworth, 1 on 19.8 at MV (DGG, MSP)
<i>Pyrausta cingulata</i>	Fontmell Down, 1 on 27.4 beaten out by day (PAD)
<i>Sitochroa palealis</i>	Portland Bird Observatory, 7 between 25.7 & 15.8 at MV (MC); West Bexington, 1 on 20.8 at MV (RE)
<i>Ostrinia nubilalis</i>	East Lulworth, 1 on 25.7 at MV (DGG, MSP); Upwey, 1 on 17.8 at MV (PH); Hengistbury Head (vc11), 1 on each of 15.7 & 28.7 (MJ)
<i>Anania verbascalis</i>	Portland Bird Observatory, 1 on 28.8 at MV (MC)
<i>Udea fulvalis</i>	Weymouth, 1 on 30.7 by day (JMM); Swanage, 1 on each of 27.7 & 29.7 (EP); Hengistbury head (vc11), 7 between 25.7 & 6.8 (MJ)
<i>Mecyna asinalis</i>	<i>Durlston, 13.8 at MV (SN) &amp; 12 on 30.9 at MV (PAD); West Bexington, 1 on each of 29.6 &amp; 12.8 at MV (RE); Cheyne Weare, Portland, on 1.7 by day (JH, PHS)</i>
<i>Dolicarthria punctalis</i>	Durdle Door – Bat’s Head, 3 on 12.7 at torch light (MF)
<i>Diasemiopsis ramburialis</i>	Winfrith Heath, 1 on 4.6 by day (MF); Portland Bird Observatory, 1 on 6.10 at MV (MC)
<i>Palpita vitrealis</i>	Portland Bird Observatory, 1 on each of 30.9 & 1.10 at MV (MC); West Bexington, 1 on each of 22.10, 29.10, 4.11 & 9.11 at MV (RE); Preston, 1 on each of 9.10 & 31.10 at MV (RL); Durlston, 1 on 31.10 at MV (SN); Highcliffe Castle (vc11), 1 on 29.10 at MV (PAD)
<i>Synaphe punctalis</i>	Arne, 1 on 26.7 at MV (JMG); Poole, 1 on 25.7 at MV (PAD); Morden Bog, 1 on 16.7 at MV (PAD, CMM), 4 on 22.7 at MV (PAD, JMM, MSP); Binnegar, on 22.7 by day (DG); Stoborough Heath, 12 on 26.7 at MV (PAD); Talbot Heath, 7 on 29.7 at MV (PAD); Upton Heath, 1 on 24.7 at MV (JMG, PAD); West

Bexington, 1 on each of 8.7 & 27.7 at MV (RE); Upwey, 1 on 30.7 at MV (PH); Preston, 1 on 3.7 at MV (PK); Coombe Valley Quarry, 1 on 15.7 by day (MF); Arne Nature Reserve (Patchins), 12 on 12.7, 3 on 29.7 at MV (CMM); Arne Nature Reserve (Salterns), 1 on 25.7 at MV (CMM); Durlston, on 18.7 at MV (RP) & 1 on 13.8 at MV (SN); Merritown Heath (vc11), 1 on 5.7, 9 on 28.7 (MJ); Hengistbury Head (vc11), 28 between 5.7 & 30.7 (MJ)

*Aglossa pinguinalis* Upwey, 1 on 6.8 at MV (PH)

*Galleria mellonella* Portland Bird Observatory, 1 on 28.9 at MV (MC); Seacombe Quarry, 1 on 30.9 at MV (CMM); Preston, 1 on 25.8 at MV (PK)

*Conobathra tumidana* Durlston, 1 on 3.9 at MV (SN)

*Oncocera semirubella* Higher Hyde, 1 on 23.7 at MV (PAD); Seacombe Quarry, 2 on 17.8 at MV (CMM); Durlston, on 13.8 at MV (SN); Black Venn, 1 on each of 2.7 & 30.7 at UV (CE)

*Pempelia genistella* Arne, 1 on 26.7 at MV (JMG); Poole, 5 on 19.7 & 7 on 25.7 at MV (PAD); Higher Hyde, 6 on 15.7, 11 on 23.7 at MV (PAD); Holt Heath, 3 on 28.7 at MV (PAD, SMP); Morden Bog, 4 on 22.7 at MV (PAD, JMM, MSP); Stoborough Heath, 2 on 26.7 at MV (PAD, JMG); Talbot Heath, 17 on 29.7 at MV (PAD); Upton Heath, 1 on 24.7 at MV (JMG, PAD); Trigon, 1 on 1.8 at MV (CMM); Arne Nature Reserve (Salterns), 1 on 25.7 at MV (CMM); Canford Heath, 2 on 25.7 (SMP, CP); Hengistbury Head, 13 between 18.7 & 6.8 (MJ)

*Dioryctria sylvestrella* Higher Hyde, 1 on 23.7 at MV (PAD); East Lulworth, 1 on each of 29.7, 6.8 & 10.10 at MV (DGG, MSP); Puddletown, 1 on each of 4.8, 8.8 & 30.8 at MV (HWH)

*Epischnia banksiella* Durlston, 1 on 13.8 at MV (SN)

*Apomyelois bistriatella* Hengistbury Head (vc11), 1 on 4.6 (MJ)

*Nephoterix angustella* Portland Bird Observatory, 1 on 30.8 at MV (MC); Weymouth, 1 on 5.9 at MV (PHS); Puddletown, 1 on 24.7 at MV (HWH); Hengistbury Head (vc11), 1 on each of 5.7 & 13.7 (MJ)

*Amblyptilia punctidactyla* Walditch, 1 on 2.10 (MSP); Puddletown, 1 on 9.7 at MV (HWH)

*Platyptilia isodactylus* Puddletown, 2 on 14.8 at MV (HWH)

*Merrifieldia baliodactylus* Powerstock Common, 1 on 20.6 by day (PAD)

*Pterophorus galactodactyla* Stubhampton Bottom, larvae on 19.5 (PAD) & 20.5 (MSP)





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and  
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- personal data

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- 4.3. will not make any legal claim against me if the wildlife information proves to be inaccurate, even if DERC gets a legal claim from someone else.

**5. Governing law**

This agreement is governed by English law and if there is any dispute between me and the data supplier that we are unable to resolve by discussion, I agree that the English courts may be asked to deal with it.

**Signatures**

<p><b>Recorder's name</b> (please print) .....</p> <p><b>Signed</b> .....</p> <p><b>Date</b> .....</p> <p><b>Address</b> .....</p> <p>.....</p> <p><b>Telephone</b> .....      <b>Fax</b> .....      <b>E-mail</b> .....</p>	<p><b>Y</b> Please do not identify me when publishing the wildlife information</p>
<p><b>Signed on behalf of Dorset Environmental Records Centre</b></p> <p><b>Signed</b> .....</p> <p><b>Date</b> .....</p> <p><b>Position</b> .....</p> <p><b>Address</b>    Library Headquarters , Colliton Park, Dorcheseter, Dorset DT1 1XJ</p> <p><b>Telephone</b> 01305 225081      <b>Fax</b> 01305 224402      <b>E-mail</b> derc@dorsetcc.gov.uk</p>	

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