

# MOTHS OF DORSET

## NEWSLETTER NO 3

1 FEBRUARY 1996

### INTRODUCTION

Welcome to the third Moths of Dorset Newsletter, especially to those who have joined the network in the past year. There are now over 120 of you receiving this newsletter which demonstrates the building enthusiasm inside and outside the county for identifying and recording Dorset's moths. We have been particularly struck by how many of you who are relative newcomers have stuck to the task of identifying and are making welcome contributions to our knowledge from day one. Thank you, too, to the old hands who have helped others to learn, and who have provided records and diaries going back many years.

Please don't lose sight of what we are trying to do. By 1998 we want to have established the status of all macromoth species in the county, and as far as research allows, the micros as well. With another year elapsed, the project has now reached the half way stage. From the research undertaken to date, we feel we have sufficient information to provide you with a provisional conservation status for each of the 692 macromoth species thus far observed in the county. The classification system follows that being developed by Paul Waring at a national level. You will find separate lists of the critical (or important) indigenous species, migrant species, and common and local indigenous species in Appendices A1 to A3 at the end of this newsletter. More explanation of them follows below.

### STATUS OF MACROMOTH SPECIES IN DORSET

Appendices A1, A2 and A3 show lists of all the macromoth species we believe have been recorded in Dorset to date. In each Appendix, the first column is the Bradley & Fletcher logbook number. The second column shows the English names, arranged alphabetically. The third column shows the national status, and the fourth column the status in Dorset only where we consider this diverges locally from the national status.

Appendix A1 lists the critical indigenous species, ie. those species we believe to be breeding in the county which are of conservation concern. They are classified as follows:

- **RDB1, RDB2, RDB3** - the top three national rarity categories, in descending order of rarity (**RDBK** - considered scarce, but insufficiently known)
- **Notable a** and **Notable b** - found in fewer than thirty 10 kilometre squares nationally, and, in between thirty and one hundred 10 kilometre squares nationally, respectively.

Defining a Dorset status has allowed us to introduce a **Dorset Rare (DR)** classification. This category highlights those species considered common or local on a national scale, but for which there are three or fewer sites in Dorset. The importance of this group of species in Dorset is likely to be overlooked if only the national status is considered. The fifth column in Appendix A1 provides the reader with a very brief but hopefully useful, snapshot view of the Dorset status for each species. So, for example, "Heathland; F, H" means that the moth is a heathland specialist that requires very specific flora and very specific habitat in order to survive.

Appendix A2 shows the list of suspected immigrant moths to Dorset. There a good number which are rare or scarce residents elsewhere in Britain, but we believe are only visitors here. We know the distinction between migrant and indigenous is blurred, but we have made our best judgement on the data we have.

Appendix A3 shows the list of common and local indigenous species in Dorset. Again, we have made provision for the Dorset status only where we consider this diverges from the national status.

We hope these lists will also be useful in helping newcomers in particular to gain confidence in recording through knowing which are the possibles in Dorset. We acknowledge that there is still scope for fine tuning these classifications between now and the end of the project in 1998. We would therefore encourage all of you to review and criticise the lists, and give us feedback on the classifications. This includes letting us know if you feel any species have been omitted from them.

## DATA CAPTURE

We would like to thank everyone who has passed on their records and observations during 1995. All records received are being used in assessing the status of species in Dorset, and we intend that detailed records of may of the species will be published at the end of the project.

### The Dorset Environmental Records' Centre (DERC)

All data is being copied on a regular basis and handed to DERC. Over the next 18 months, DERC will be entering all records of critical macro and micromoth species onto its Recorder database. This information will then be available to the many users of DERC including local authority planners, English Nature, Dorset Wildlife Trust and RSPB, to name a few. DERC will also be able to link these records to computer-stored Ordnance Survey maps so that they can be viewed quickly and easily. Confidentiality of records is maintained where requested and appropriate.

### Macros

The following table is an update to the one appearing in Newsletter number 2, and details macromoth records from those of you who record *full* counts in moth traps, and for which the data is now stored in a computer database:

RECORDER	LOCATION	PERIOD	SPECIES
Dick Burt	Woolgarston, Corfe Castle	1991 - 1994	362
Clayesmore School	Iwerne Minster	1954 - 1968	420
Roy Eden	West Bexington, Chesil Beach	1991 - 1993	324
Robin Plowman	Durlston Country Park	1989 - 1993	397
Jim Fradgley	Ashington, Wimborne	1986 - 1993	347
Gordon Le Pard	Matchams, Hurn	1984 - 1991	394
Nigel Webb	Furzebrook, Wareham	1972 - 1976	392
Peter Davey	Stubhampton	1994 - 1995	265
Peter Davey	Sixpenny Handley	1995	152
Peter Davey	Fontmell Down	1995	192
Peter Davey	Hartland Moor	1995	77
Peter Davey	Holton Heath Marsh	1995	163
Peter Davey	Holt Forest	1991, 1995	156
Peter Davey	Piddles Wood	1995	175
Peter Davey	Morden Bog	1995	120
Peter Davey	Powerstock Common	1995	83
Peter Davey	Studland Heath	1988 - 1992, 1995	232
Peter Davey	Ryewater	1994, 1995	123
Peter Davey	Gaunt's Common	1988 - 1995	404
Peter Davey	St Alban's Head	1972 - 1995	276
Peter Davey	Oaker's Wood, Affpuddle	1994, 1995	277

### Micros

Phil now has the Recorder database on his computer at home and has begun the task of entering all verified micromoth records onto it. The major lists to be entered over the next year include those from the Parkinson Curtis manuscript, John Langmaid, Bryan Pickess (list from Arne), Martin Cade, Peter Davey and Phil's own diaries.

## What To Record

A number of you struggled after the warm nights of last summer to count and identify all the macromoths caught in a trap. We received one report of a night's catch taking ten hours to go through! For the many of you short of time, we suggest that you do one of the following, in order of decreasing time available:

1. Record and count numbers of each species trapped (if you do this, or would like to, and have not already contacted Peter then please do so).
2. Record each species and count only selected ones (particularly those in Appendices A1 & A2).
3. Record each species only on every night trapped.
4. Record the date of the first occurrence of each species each year.
5. Record only the presence of those species on Appendices A1 & A2.

Obviously the more detailed the data we have the more we can analyse patterns, but any data is useful. We also want to maintain your enthusiasm, not make recording a chore. In the end it is up to you how much detail you collect.

## IDENTIFICATION

### Verification

The accuracy with which species are identified is very important to our understanding of the status and requirements of species in Dorset. We are aware that many of you may not feel confident about the identity of some species, especially 'newcomers', yet we need verified records. If you are unsure we recommend the following:

1. Check the species against the lists in Appendices A1, A2 and A3. If the species occurs in Appendix A1 or A2, and the species is printed in italics (or you think you have a species on none of the lists), then we must be sure of its identity and ask you to follow Step 2. If it is in Appendix A3, or in ordinary script in Appendices A1 or A2, then only follow Step 2 if you wish to, or if the species is one in a difficult group (eg. Marbled Minors, November Moths, Pugs).
2. Take a voucher specimen, or a photograph (print or slide), and show or send it to one of the experts listed below. Most vouchers can be released alive after identification, only a very few require killing and genitalia dissection. [In 1995 Phil's front porch was regularly piled up with boxes from recorders in Weymouth, and identifications were usually forthcoming within 24 hours.]

Barry Goater	John Chainey (macros)
Ray Cook (macros)	Peter Davey
Phil Sterling	Martin Cade
Brian Withers	Ian Cross (macros)
John Langmaid (micros)	Mike Jeffs (macros).

### Identifying day-flying moths

You may know that Phil is the Moths Officer for Butterfly Conservation (Dorset Branch). Last spring he produced, courtesy of the County Council, a day-flying moth identification chart. This comprised an A4 sized colour print of about 40 of the day-flying species most likely to be seen by butterfly transect walkers. Many walkers attended talks by Phil on species likely to be found, and recording sheets were designed to give information on time of year and type of habitat. Walkers made an encouraging start over the summer, with over a dozen people covering sites across the county. Species such as Small Yellow Underwing, Forester, Five-spot Burnet (sub-species *palustrella* and sub-species *decreta* forms) and Argent & Sable were recorded. Over the coming years such data will be particularly useful since day-flying moths tend to be forgotten by the many of us who use only light-traps. Charts are available to anyone at £1.50 each. Contact Phil if you would like one.

### **Identifying difficult macro-moths**

Over a dozen people attended a genitalia dissection workshop held at the Institute of Terrestrial Ecology, Furzebrook in February 1995. We are grateful to Nigel Webb for arranging the venue. Phil and Nigel introduced the techniques used, and helped at least some of you to feel confident to dissect. At the workshop we were able to confirm that Stubhampton Bottom holds populations of both Forester and Cistus Forester through dissection. Another workshop could be run if there is demand.

### **Identifying micros**

Identification of micromoths still relies heavily on Phil's expertise, though John Langmaid kindly helped out with hundreds of identities for Peter, and both Peter and Martin Cade now have small collections of reference material which will be helpful.

## **1995 RECAP**

### **Bad News**

One of the species we were very keen to locate in 1995 was the Speckled Footman (subspecies *bivittata*), a species which has long been known as a denizen of the Hampshire and Dorset heathland. The last insect to be observed in Hampshire was in 1960; the last in Dorset was seen near Arne in 1988, although, tantalisingly, a *bivittata* was trapped at Portland a few years later, during a spell of north-easterly winds. This particular sub-species exists nowhere else in Europe, as far as is known; the closest is subspecies *arenaria* which inhabits coastal sandhills in the Low Countries. Reasons for the decline of *bivittata* are not fully understood, in fact the larval foodplant, as far as we are aware, is unknown; however, a 70% reduction plus fragmentation in Dorset heathland since 1934, has undoubtedly been a key contributing factor. Despite concerted trapping during July and August this year at key sites where it could be found previously, none were observed. In September, Barry Goater, Tim Broidy-James, Norman Hutchinson and Peter Davey met to discuss potential habitat requirements for this species. Our next step is to turn to the computer resources and habitat modelling software at the Institute Of Terrestrial Ecology at Furzebrook, to calculate potential heathland localities that may harbour the species. This technique has been used successfully for determining theoretical localities for the Silver-studded Blue butterfly. Although the computer program proposed a number of locations where the butterfly did not exist, a high percentage of the sites that actually contained the species were predicted. Should anyone be keen to assist in the search for the Speckled Footman in 1996, would they please contact Norman Hutchinson.

A further species that has not been seen in Dorset recently is the Lunar Yellow Underwing. This species was to be found in heathland and chalk downland habitats in Dorset, in fact in 1976, a summer that resembled 1995 in almost every respect, more than seventy were trapped at Furzebrook by Nigel Webb. Despite regular trapping on chalk downland and heathland habitats during 1995, none were observed.

Peter Davey has been looking through the excellent A G B Russell and Cyril Diver collections from the 1930s housed in the Dorset County Museum and the Institute Of Terrestrial Ecology, respectively. Apart from the value of finding out at first hand which species were to be seen in Dorset between forty and sixty

years ago, the collections are tending to reveal a number of species that seem to have subsequently disappeared from the county, from what would seem to be loss of quality habitat.

## **Good News**

The Flame Wainscot was discovered in Dorset initially during the 1930s. Since that time sporadic records have been cited around the Poole Basin area, notably at Morden in the 1960s, and more recently at Arne. In 1995, the species was trapped in small numbers at Holton Heath, Morden and Brownsea, by Norman Hutchinson, Peter Davey and Alan Bromby; this seems to indicate that the species has a solid foothold in the Poole basin reedbeds at the present time.

Other good news records for 1994 and 1995 are detailed in Appendices B1 and B2 (macro and micro species, respectively). These are shortened lists of the main accounts which we intend will be published in the Proceedings of the Dorset Natural History and Archaeological Society. Our claim in Newsletter number 2 that the 1994 moth account would appear in a forthcoming journal was premature. Although the draft was submitted, it could not be included in time for the issue. May we offer our apologies to those who were disappointed.

## **Migrants**

1995 was arguably the most prolific year on record for immigrants to Great Britain. The preponderance of hot east to north-easterly winds during July and August brought many scarce species from southern Scandinavia and northern Europe, including the Camberwell Beauty and the Bedstraw Hawk. The month of October was outstanding for its uninterrupted supply of warm southerly winds from western France, Iberia and north-west Africa, and this persistent airflow carried wave after wave of rare immigrant species to south-western Britain. Eighteen of the more unusual migrant moth species trapped in the county during 1995 were put on display at the Entomological Exhibition in London at the end of October; a 15" by 12" colour photograph of this exhibit may be purchased from the authors. A detailed annual account of the 1994 and 1995 moth immigrations to Dorset plus proposed sources of origin was submitted for publication to the editors of the Dorset Natural History and Archaeological Society Proceedings at the end of 1995.

## **Butterfly Conservation**

Our collaboration with the Butterfly Conservation group was mentioned earlier. The authors are in the process of writing an article on 'critical' butterfly and moth species that share the same habitat, for publication in the Dorset Branch newsletter. The purpose of this article is to draw attention to the potential for locating scarce butterfly species by using records of moths that have similar food and habitat requirements, and vice versa. John Chainey and Peter Davey attempted to test the theory in October, by visiting one of the few habitats in Dorset that support a colony of the White-letter Hairstreak butterfly, which feeds on Wych Elm. The purpose of the visit was to locate the Wych Elm blossom feeding Dusky-lemon Sallow moth, which, like the majority of elm feeding lepidoptera, has undergone dramatic reduction in numbers following the Dutch Elm disease outbreak, and was previously recorded from the neighbourhood of this Purbeck locality. The site had a good number of old, mature Wych Elm, and the night was mild; however, in the few hours we were there, the Dusky-lemon Sallow did not visit light or sugar. In 1996, we will visit the site again in the hope of finding other critical Wych Elm feeding Dorset species, including the White-spotted Pinion, Lesser-spotted Pinion and Blomer's Rivulet. Earlier in the year, Peter Davey visited Clive Farrell at Ryewater, near Holnest, and whilst walking around the estate, Clive discovered an empty White-letter Hairstreak pupa case attached to the underside of a Wych Elm leaf. The site would be another good one to work for the aforementioned species of moths in 1996.

## **1995 Events**

In collaboration with Butterfly Conservation Dorset Branch, we ran a number of public moth trap evenings spread across the county. These were at Hammoon on 13 May, Wimborne St Giles on 20 May, Charmouth on 30 June, Lulworth on 27 July, Melbury Park on 19 August and Slop Bog on 2 September.

**Hammoon.** A very cold night when only three species were trapped.

**Wimborne St Giles,** on Lord Shaftesbury's estate. Forty-five moth species came to light in cold and calm conditions, including the Orange Footman and the Little Thorn.

**Charmouth.** An evening specifically to look for the Morris's Wainscot. Unfortunately Phil was ill and the Wainscot wasn't seen that night either. However, Phil and DERC colleagues did see the species this year at Lyme Regis, Charmouth and below Thorncombe Beacon. The last site is a new find and represents the most easterly colony of the Wainscot by several miles.

**Lulworth.** Certainly the busiest evening of the year with forty-four people attending and a list of one hundred and fifty moth species. Most notable was a specimen of the Satin Lutestring, a new record for Dorset. It was almost certainly a visitor from Europe, along with the Four-spotted, Sulphur Pearl and hundreds of Large Yellow Underwings. A further interesting species was the Dark Spectacle.

**Melbury Park.** Despite the warm night, relatively few species were seen. There may have been more, but the sheet and traps were inundated by hornets and it was difficult to get to the moths. A Dotted Carpet turned up in the small actinic trap, the first record in Dorset since the early '80s.

**Slop Bog.** The weather had broken by early September and the night was cool and damp. There were fewer than twenty species, and nothing of note.

## **RECORDING IN 1996**

### **Organised events**

A number of mothing events have been planned for later this year. Peter Davey, Phil Sterling and Ian Cross, amongst others, will be leading the meetings. Full details of these will be available in the Dorset Countryside Yearbook 1996, to be published shortly by the County Council at a cost of under £2.00; this publication will be available from the Planning Department (telephone 01305 224258), bookshops and tourist information centres. There is also a British Entomological & Natural History Society field meeting on June 22 on the Golden Cap Estate in west Dorset; contact the leader, Mick Parker, for details.

### **Recording in under-worked sites**

We are keen to get records from anywhere in Dorset, but especially in the north and west of the county. If you know of somewhere you think would be worth recording, or would like to act on some of our suggestions contained within Newsletter number 2, please contact us. Through our existing contacts we may be able to put you directly in touch with the landowner or agent to get permission to record species.

There is a possibility that recorders could borrow both traps and generators for recording on under-worked sites, contingent on owners' approval. If you are interested in borrowing such equipment, please contact us.

We wish you every success for the coming season, and thank you again for your contribution last year.

PETER DAVEY

PHIL STERLING

**APPENDIX B1 - GOOD NEWS 1994 & 1995 DORSET MACRO-MOTH RECORDS**

<b>Argent &amp; Sable</b>	Stubhampton	Peter Davey, Ray Cook, Don Humphreys, Bill Shreeves
<b>Beautiful Carpet</b>	Stubhampton	Peter Davey
	Trigon	Chris Manley
	Ferndown	Ray Cook
<b>Beautiful Snout</b>	Bere wood	Ray Cook, Don Humphreys
	Thornecombe wood	Ian Cross
	Oakers wood, Holt forest	Peter Davey
<b>Bordered Grey</b>	Morden bog	Norman Hutchinson
	Tadnoll reserve, Parley	Butterfly Conservation transect walkers P J Skelton, E Rose
<b>Broad-bordered Bee Hawk</b>	Hengistbury Head (VC11)	Butterfly Conservation transect walker P J Skelton
<b>Butterbur</b>	Bere Regis	Steve Barrett
<b>Buttoned Snout</b>	Gaunts Common	Peter Davey
	Langton Matravers	Phil Grey
	Parkstone	Alan Bromby
	Christchurch (VC11)	Mike Jeffs
<b>Chalk Carpet</b>	Melbury down, St Alban's head	Peter Davey
	Eype's mouth	Matthew Kingston
	Dorchester	Maureen Spencer
	Woolgarston	Dick Burt
<b>Cistus Forester</b>	Cerne Abbas	Peter Davey
	Stubhampton	Peter Davey, Ray Cook
	Black Hill	Don Humphreys
	Nether Cerne	Phil Sterling
<b>Cloaked Carpet</b>	Bere wood	Ray Cook, Don Humphreys
	Gaunts Common	Peter Davey
	Trigon	Chris Manley
<b>Cream-bordered Green Pea</b>	Gaunts Common, Oakers wood	Peter Davey
	West Bexington	Roy Eden
	Lulworth ranges, Stoborough heath, Hartland moor	Norman Hutchinson
	Swanage	Rees Cox
	Bere Regis	Steve Barrett
	Ferndown	Ray Cook
	Christchurch (VC11), Hengistbury Head (VC11)	Mike Jeffs
	Woolgarston	Dick Burt
<b>Crescent Dart</b>	Durlston	Peter Davey
	Eype's mouth	Matthew Kingston
	West Bexington	Roy Eden
<b>Cypress Carpet</b>	Langton Matravers	Phil Grey
	Swanage	Rees Cox
	West Bexington	Roy Eden
<b>Dark Marbled Carpet</b>	Stubhampton, Sixpenny Handley, Fontmell down	Peter Davey
<b>Dark Spectacle</b>	Lulworth Cove, Weymouth	Phil Sterling
<b>Dentated Pug</b>	Poole basin	Norman Hutchinson
<b>Devon Carpet</b>	Povington ranges	Brian Withers
	Monkton Wyld	Barry Henwood
<b>Dingy Mocha</b>	Gaunts Common	Peter Davey
	Ferndown	Ray Cook
<b>Dingy Shell</b>	Holton Heath marsh, Oakers wood	Peter Davey
	Hooke park	Maureen Spencer
<b>Drab Looper</b>	Manswood	Peter Davey
	Stubhampton	Peter Davey, Ray Cook
	Bere wood	Don Humphreys
<b>Dotted Border Wave</b>	Holton Heath, Oakers wood, Arne	Peter Davey
	Morden	Peter Davey, Ray Cook, John Chainey
	Sopley	Mike Jeffs
	Lulworth ranges, Stoborough heath	Norman Hutchinson
	Ferndown	Ray Cook, Don Humphreys
<b>Dotted Carpet</b>	Evershott	Phil Sterling
<b>Dotted Chestnut</b>	Gaunts Common	Peter Davey
	Ashington	Jim Fradgley
	Woolgarston	Dick Burt
	West Bexington	Roy Eden
<b>Festoon</b>	Holt for, Gaunts Common, Oakers wood, Piddles wood	Peter Davey
	Bere wood	Ray Cook, Don Humphreys
	Bere Regis	Steve Barrett
	Woolgarston	Dick Burt
	Ashington	Jim Fradgley
	Lulworth ranges	Norman Hutchinson
<b>Flame Wainscot</b>	Holton Heath marsh	Alan Bromby, Peter Davey, Norman Hutchinson
	Morden bog	Peter Davey

**APPENDIX B1 - GOOD NEWS 1994 & 1995 DORSET MACRO-MOTH RECORDS**

	Brownsea island	Alan Bromby
<b>Forester</b>	Stubhampton, Melbury down	Peter Davey, Ray Cook, John Chainey
<b>Goat</b>	Holton Heath marsh	Norman Hutchinson
<b>Grass Eggar</b>	Swanage	Tony Dicks
<b>Grass Rivulet</b>	Stubhampton, Fontmell down	Peter Davey
<b>Grass Wave</b>	Parley common, Ferndown	Don Humphrey
<b>Great Oak Beauty</b>	Holt forest	Peter Davey
<b>Jersey Tiger</b>	West Bexington	Roy Eden
	Wimborne	Margaret Brooks
<b>Kent Black Arches</b>	West Bexington	Roy Eden
	Durlston	David Young
	Hengistbury Head (VC11)	Mike Jeffs
	Woolgarston	Dick Burt
<b>Lead-coloured Drab</b>	Gaunts Common	Peter Davey
<b>Lead-coloured Pug</b>	Holt forest, Piddles wood	Peter Davey
<b>Lesser Cream Wave</b>	Wareham	Phil Sterling
	Gaunts Common	Peter Davey
<b>Lesser-spotted Pinion</b>	Abbotsbury	Steve Hayles
<b>Light Feathered Rustic</b>	Fontmell down	Peter Davey
	Woolgarston	Dick Burt
<b>Light Orange Underwing</b>	Hurn (VC11)	Phil Sterling
<b>Little Thorn</b>	Oakers wood, Wimborne St Giles	Peter Davey
	Hengistbury Head (VC11)	Mike Jeffs
<b>Lunar Thorn</b>	Stubhampton	Peter Davey
<b>Mathew's Wainscot</b>	Parkstone	Alan Bromby
<b>Mere Wainscot</b>	Oakers wood	Peter Davey
	Powerstock common	Phil Sterling
	West Bexington	Roy Eden
<b>Mocha</b>	Gaunts Common, Ryewater, Sixpenny Handley	Peter Davey
	Bere Regis	Steve Barrett
	Langton Matravers	Phil Grey
<b>Morris's Wainscot</b>	Lyme Regis, Thorncombe beacon	Phil Sterling
	Charmouth	Barry Henwood
<b>Northern Drab</b>	Fontmell down, Gaunts Common, Melbury Down	Peter Davey
<b>Orange-tailed Clearwing</b>	Batcombe down, Spettisbury	Phil Sterling
<b>Plumed Prominent</b>	Sixpenny Handley	Peter Davey, Brian Withers
<b>Portland Ribbon Wave</b>	St Albans Head	Peter Davey
<b>Purple-bordered Gold</b>	Town common	Phil Sterling
	Hartland moor	Norman Hutchinson
<b>Red-belted Clearwing</b>	Furzehill, Wimborne	Stuart Roberts, Margaret Brooks
<b>Red-tipped Clearwing</b>	Dorchester	Richard Surry
	Higher Hyde	Mick Parker
<b>Red-necked Footman</b>	Sixpenny Handley, Stubhampton, Holt forest	Peter Davey
	Bere wood	Ray Cook, Don Humphreys
	Thorncombe wood	Ian Cross
	West Bexington	Roy Eden
<b>Ringed Carpet</b>	Gaunts Common, Morden bog, Holton heath	Peter Davey
	Oakers wood, Studland	Peter Davey
<b>Rosy Wave</b>	Morden bog	Peter Davey, John Chainey
	Arne	Peter Davey, Ray Cook, Don Humphreys
	Hengistbury Head	Mike Jeffs
<b>Royal Mantle</b>	Stubhampton, Melbury down	Peter Davey
<b>Ruddy Carpet</b>	West Bexington	Roy Eden
<b>Sand Dart</b>	Poole harbour, south-east Dorset	
<b>Satyr Pug</b>	Stubhampton, Fontmell down, Bokerley dyke	Peter Davey
<b>Shore Wainscot</b>	Hengistbury Head (VC11)	Mike Jeffs
<b>Sloe Pug</b>	West Bexington	Roy Eden
<b>Small Black Arches</b>	Holt forest, Piddles wood	Peter Davey
<b>Small Brindled Beauty</b>	Gaunts Common	Peter Davey
	Trigon	Chris Manley
<b>Small Eggar</b>	Wool	Mick Parker
<b>Small Grass Emerald</b>	Morden bog, Oakers wood	Peter Davey
	Parley common	Don Humphreys
<b>Square-spot Dart</b>	St Albans Head	Norman Hutchinson
<b>Tawny Pinion</b>	West Bexington	Phil Sterling, Roy Eden
<b>Toadflax Pug</b>	Stubhampton	Peter Davey
<b>Triple-spotted Pug</b>	Batcombe down	Phil Sterling
<b>Twin-spot Carpet</b>	Bere wood	Ray Cook, Don Humphreys
	Morden bog, Stoborough	Norman Hutchinson
<b>Valerian Pug</b>	Stubhampton	Peter Davey



## APPENDIX B1 - GOOD NEWS 1994 & 1995 DORSET MACRO-MOTH RECORDS

<b>Webb's Wainscot</b>	Hengistbury Head (VC11)	Mike Jeffs
	Trigon	Chris Manley
	Woolgarston	Dick Burt
<b>White-spot</b>	Bere Regis	Steve Barrett
<b>Yellow-legged Clearwing</b>	Piddles wood	Ray Cook

**APPENDIX B2 - GOOD NEWS 1994 & 1995 DORSET MICRO-MOTH RECORDS**

<i>Micropterix aureatella</i>	Oakers wood	Peter Davey
<i>Eriocrania sparrmannella</i>	Hurn (VC11), Studland heath	Phil Sterling
<i>Etainia decentella</i>	Weymouth	Phil Sterling
<i>Stigmella paradoxa</i>	Rooksmoor	Phil Sterling
<i>Tischeria dodonea</i>	Oakers wood	Phil Sterling
<i>Lampronia morosa</i>	Kingcombe	Phil Sterling
<i>Lampronia fuscataella</i>	Hartland moor, Higher Hyde	Phil Sterling
<i>Nemophora cupriacella</i>	Broad Oak	Catherine Hosie
	Rooksmoor	Richard Surry
<i>Adela cuprella</i>	Stoborough heath	Phil Sterling, Peter Davey
<i>Adela croesella</i>	Hurn (VC11)	Phil Sterling
	Portland	Phil Sterling, Mark Sterling
<i>Pachythelia villosella</i>	Haymoor Bottom, Turners Puddle heath, Creech heath	Phil Sterling
	Hurn (VC11), Town Common (VC11)	Phil Sterling
	Bourne Bottom	Michael Skelton
<i>Eudarcia richardsoni</i>	Punfield Cove, Swanage	Phil Sterling et al.
<i>Ischnoscia borreonella</i>	Portland	Martin Cade, Phil Sterling
<i>Morphoga choragella</i>	Gaunt's Common	Peter Davey
	Hurn (VC11)	Phil Sterling
<i>Nemapogon wolffiella</i>	Crincombe Bottom	Peter Davey
<i>Nemapogon ruricolella</i>	Charborough Park	Phil Sterling
<i>Nemapogon clematella</i>	Gaunt's Common	Peter Davey
<i>Tinagma ocnerosomella</i>	Portland	Martin Cade
<i>Yponomeuta rorella</i>	Lulworth, Weymouth	Phil Sterling
	Fontmell down, Gaunt's Common	Peter Davey
	Portland	Martin Cade
<i>Yponomeuta sedella</i>	Holt forest	Peter Davey
<i>Acrolepiopsis assectella</i>	Weymouth	Phil Sterling
<i>Rhigognostis annulatella</i>	Portland	Martin Cade
<i>Epermenia insecurella</i>	Portland	Martin Cade, John Langmaid, Mark Sterling
<i>Coleophora lixella</i>	Portland	Martin Cade
<i>Coleophora salinella</i>	Ferrybridge	Martin Cade
<i>Coleophora clypeiferella</i>	Weymouth	Phil Sterling
	Portland	Martin Cade
<i>Elachista regificella</i>	Charborough Park	Phil Sterling
<i>Biselachista serricornis</i>	Studland heath, Creech heath	Phil Sterling
<i>Telechrysis tripuncta</i>	Gaunt's Common	Peter Davey
<i>Amphisbatis incongruella</i>	Hurn (VC11)	Phil Sterling
<i>Dasystema salicella</i>	Studland heath	Peter Davey
<i>Agonopterix atomella</i>	Rooksmoor, Powerstock Common	Phil Sterling
<i>Ethmia dodecea</i>	Stubhampton, Sixpenny Handley, Piddles wood	Peter Davey
<i>Ethmia bipunctella</i>	Weymouth	Phil Sterling
<i>Argolamprotes micella</i>	Lyme Regis	Barry Henwood, Peter Davey
<i>Monochroa suffusella</i>	Studland heath	Phil Sterling
<i>Aristotelia ericenella</i>	Portland	Martin Cade
<i>Bryotropha basaltinella</i>	Gaunt's Common	Peter Davey
<i>Scrobipalpa suaedella</i>	Poole Harbour	Phil Sterling
<i>Brachmia lutatella</i>	Lulworth	Martin Corley
	Portland	Phil Sterling, Martin Corley, Martin Cade
	Weymouth	Phil Sterling
<i>Blastobasis decolorella</i>	Morden bog	Phil Sterling, Peter Davey
<i>Cosmopterix orichalcea</i>	Sixpenny Handley	Peter Davey
<i>Cosmopterix lienigiella</i>	Holton heath marsh	Phil Sterling
<i>Glyphipterix lineella</i>	Poole	Phil Sterling
<i>Scythris grandipennis</i>	Parley common	Phil Sterling
<i>Phalonidia luridana</i>	Portland	Martin Cade, Phil Sterling, Martin Corley
	Gaunt's Common	Peter Davey
<i>Eupoecilia ambiguella</i>	Portland	Martin Cade
<i>Cochylis molliculana</i>	Portland	Martin Cade
	Weymouth, Chesil beach	Phil Sterling
<i>Acleris hyemana</i>	Portland	Martin Cade
<i>Acleris rufana</i>	Morden bog	Phil Sterling
	Oakers wood	Peter Davey
<i>Acleris literana</i>	Portland	Martin Cade
	Oakers wood, Gaunt's Common, Stubhampton	Peter Davey
<i>Celypha rosaceana</i>	Portland	Martin Cade
<i>Ancyliis apicella</i>	Gaunt's Common	Peter Davey
<i>Epiblema tetragonana</i>	Holnest	Peter Davey
<i>Epiblema cnicolana</i>	Charmouth	Phil Sterling
<i>Pelochrista caecimaculana</i>	Portland	Martin Cade

**APPENDIX B2 - GOOD NEWS 1994 & 1995 DORSET MICRO-MOTH RECORDS**

<i>Eucosma conterminana</i>	Portland	Martin Cade
<i>Clavigesta sylvestrana</i>	Slop bog, Weymouth	Phil Sterling
<i>Selenia leplastriana</i>	Arish Mell	Phil Sterling et al.
<i>Pammene albuginana</i>	Higher Hyde	Phil Sterling
<i>Pammene aurantiana</i>	Portland	Martin Cade
<i>Cydia prunivorana</i>	Weymouth	Phil Sterling
<i>Cydia amplana</i>	Portland	Martin Cade
<i>Cydia cosmophorana</i>	Oakers wood	Peter Davey
	Warmwell heath, Morden bog	Phil Sterling
<i>Platytes alpinella</i>	Portland	Martin Cade, Phil Sterling
<i>Scoparia ancipitella</i>	Morden bog	Peter Davey
<i>Eudonia lineola</i>	Portland	Martin Cade
	Winfrith Newburgh	Phil Sterling, Martin Corley
<i>Eudonia delunella</i>	Piddles wood, Oakers wood	Peter Davey
	Morden	Phil Sterling, Bryan Edwards
<i>Evergestis extimalis</i>	Gaunt's Common	Peter Davey
	Portland	Martin Cade
	Parkstone	Alan Bromby
<i>Hellula undalis</i>	Portland	Martin Cade
	Gaunt's Common	Peter Davey
<i>Margaritia sticticalis</i>	Portland	Martin Cade, Phil Sterling, Brian Elliot
	Gaunt's Common	Peter Davey
	Badbury Rings	Richard Surry
<i>Sitochroa palealis</i>	West Bexington	Roy Eden
	Lulworth	Phil Sterling
	Portland	Martin Cade
<i>Anania verbascalis</i>	Gore heath	Alan Bromby, Norman Hutchinson
	Morden bog	Phil Sterling, Ray Cook
	Higher Hyde	Phil Sterling
<i>Psammotis pulveralis</i>	Sixpenny Handley	Peter Davey
<i>Phlyctaenia stachydalis</i>	Stubbampton	Peter Davey
<i>Mecyna flavalis</i>	Gaunt's Common	Peter Davey
<i>Antigastra catalaunalis</i>	Portland	Martin Cade
	Gaunt's Common	Peter Davey
	Parkstone	Alan Bromby
<i>Hymenia recurvalis</i>	Portland	Martin Cade
	West Bexington	Roy Eden
<i>Palpita unionalis</i>	Portland	Martin Cade
	Gaunt's Common, Durlston	Peter Davey
	West Bexington	Roy Eden
	Weymouth	John Pyett
	Swanage	Rees Cox
<i>Galleria mellonella</i>	Portland	Martin Cade
	West Bexington	Roy Eden
	Gaunt's Common	Peter Davey
	Melbury Park, Weymouth	Phil Sterling
<i>Acrobasis tumidana</i>	Gaunt's Common	Peter Davey
	Christchurch (VC11)	Mike Jeffs
<i>Microthrix similella</i>	Oakers wood	Peter Davey
<i>Epischmia banksiella</i>	Lulworth	Phil Sterling
<i>Nephtopterix angustella</i>	Gaunt's Common	Peter Davey
<i>Etiella zinckenella</i>	Christchurch (VC11)	Mike Jeffs
<i>Ancylosis oblitella</i>	Portland	Martin Cade, Phil Sterling, Brian Elliot
	Hartland moor	Peter Davey
	Weymouth	Phil Sterling
	Arne	Bryan Pickess
<i>Homoeosoma nebulella</i>	Frome St. Quintin	Phil Sterling
	Piddles wood	Peter Davey
<i>Apomyelois bistriatella</i>	Stoborough heath	Phil Sterling
	Woolgarston	Dick Burt
<i>Oxyptilus laetus</i>	Gaunt's Common	Peter Davey
<i>Trichaptilus paludum</i>	Oakers wood	Peter Davey
	Parley common	Phil Sterling
	Morden bog	Phil Sterling, Peter Davey
	Higher Hyde	Richard Surry
<i>Capperia britanniodactyla</i>	Lulworth Cove	Bob Heckford
	Higher Hyde	Phil Sterling
<i>Amblyptilia acanthadactyla</i>	Weymouth	Phil Sterling
	Portland	Martin Cade
	Puncknowle	Richard Surry

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<i>Amblyptilia punctidactyla</i>	Weymouth	Phil Sterling
<i>Pterophorus baliodactyla</i>	Melbury down	Peter Davey
<i>Pterophorus galactodactyla</i>	100 Acre wood, Badbury	Peter Davey

