

FOREWORD

Introduction

This, the fourth edition of the annual Kent Moth Report, is a compilation of those records from the year 2001 that are known to me. It covers some 889 species (c.f. 833 last year) but is not a complete listing of all moths from Kent, and not all species seen during 2001 will have been reported to me.

Recorders

This report would not be possible without the records of the following individuals, who have contributed 2001 records. All their efforts are acknowledged with grateful thanks. Also included are published records, including from the journals listed under useful addresses, but credits have been given to the prime originators.

Agassiz, Dr David (DA)	Easterbrook, Mike (MAEb)	Parker, Alan (AP)
Alexander, Keith (KA)	Ferguson, Ian (IDF)	Pauley, Mark (MPa)
Badmin, John (JSB)	Flischer, Nick (NF)	Percival, Monica (MPe)
Baker, Peter (PJB)	Fray, Auther (AF)	Philp, Eric (EGP)
Banson, Barry (BBa)	Gardner, David (DCG)	Platts, Jim (JPI)
Batchelor, Dennis (DB)	Goodban, Derek (DGo)	Pope, Tom (TP)
Beecroft, Brian (BBe)	Green, Grace (GG)	Porter, Jim (JP)
Bishop, Fred (FB)	Harman, Tony (TH)	Price, Hugh (HP)
Blake, Andrew (ABl)	Hazelhurst, Grant (GHZ)	Pryer, Ian (IP)
Boothroyd, Bernard (BBo)	Heathcote, Peter & Pauline (PPH)	Redshaw, Keith (KR)
Bradshaw, Ashley (AB)	Heckford, R (RJH)	Rolfe, Dave (DR)
Brown, Dr Roland (RB)	Hemington, Graham (GH)	Rootes, Chris (CR)
Brydon, Ian (ILB)	Hope, Robert (RH)	Rothamsted traps (IACR)
Burch, Keith (KB)	Hunter, Ian (IH)	Rouse, Tony (TR)
Burton, Geoff (GB)	Jarman, Nigel (NJ)	Ryan, Hazel (HR)
Buckingham, Chris (CB)	Jordan, Martin (MPJ)	Sansom, Kay (KS)
Busuttil, Matt (MB)	Kirby, Peter (PK)	Shorter, Judith (JSh)
Butcher, Fred (AGJB)	Lewis, Ian (IL)	Sims, Ian (IS)
Carpenter, Ted (EC)	Logan, Jim (JL)	Smithers, B (BDS)
Chantler, Phil (PC)	Love, Mark (ML)	Sokoloff, Paul (PS)
Chittenden, Mike (MC)	Lyons, Graeme (GL)	Solly, Francis (FS)
Clamp, Richard (RC)	Mallet, Philip (PMa)	Steele, Tony (TS)
Clancy, Sean (SPC)	Maton, Peter (PMn)	Taylor, Bob (RT)
Clark, Ian (IRC)	Matthews, Nigel (NM)	Thompson, Shirley (ST)
Clarke, Dr Julian (JHC)	Milton, Phil (PM)	Tickner, Mick (MJT)
Clemons, Laurence (LC)	Mitchell, Derrick (DM)	Walker, David (DW)
Collins, Graham (GAC)	Morris, T (TM)	Ward, Allan (ARW)
Cornelius, Dr John (JAC)	Nuthall, Tony (TN)	Waring, Dr Paul (PW)
Cox, David (DCo)	O'Keefe, Dennis (DO'K)	Warry, Simon (SW)
Crozier, Alison (AC)	Owen, John (JO)	West, BK (BKW)
Davis, Owen (OD)	Palmer, Irene (IAP)	Wrathall, Dylan (DWr)
Douch, Don (DD)	Palmer, Keith (KP)	

Area Covered

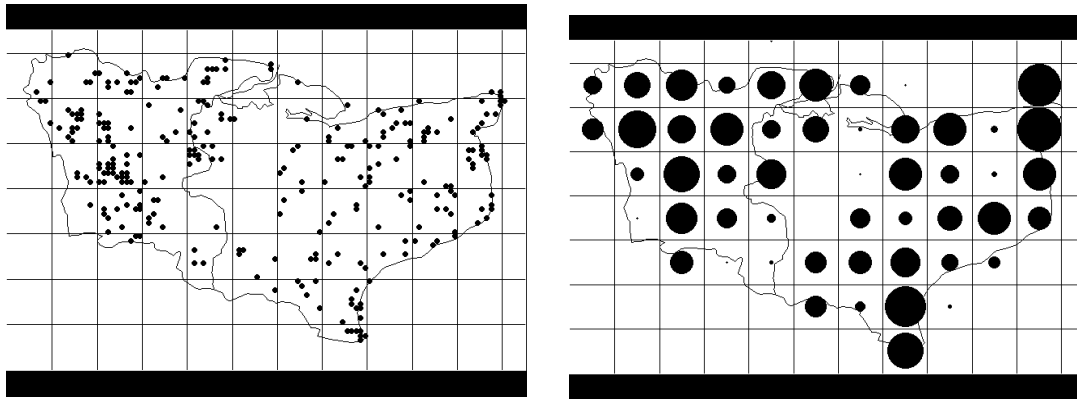
The area covered is the Watsonian "vice counties" VC15 (East Kent) and VC16 (West Kent). Broadly speaking, this covers the present administrative County, the Medway Unitary Authority and the London boroughs of Bromley, Bexley and Greenwich. The advantage of this definition is that it has been in use for over 100 years and remains fixed regardless of changes in political boundaries.

Species Covered

The report covers all lepidoptera species except the butterflies, which are the subject of a separate (and more detailed) report by Michael Easterbrook and John Maddocks. Coverage of the micro-moths (except, perhaps, the Pyralidae) is rather less detailed largely because of the modest number of workers in that field.

Basis of Report

The Report is based on circa 19,000 records for 2001 (c.f. 21,000 for 2000) from the 108,000 records in total entered onto my computer. The records came from some 94 recorders, listed on page 1. Distribution data for 2001 has been given for those species not mentioned in the 2000 KMR and are to the nearest ten-kilometre square, based on the National Grid although I prefer to maintain the underlying database to at least one-kilometre (and preferably six-figure) accuracy. The total distribution of the 2001 records was as follows:



The first map shows where the individual records came from. The dot size in the second map reflects the number of species recorded in the ten-km square during the year. The largest dot represents a count of 486. Incidentally, the pattern of under-recorded squares broadly reflects that for the cumulative records.

Past Distribution

I am most grateful to Dr Ed Jarzembowski for making available the moth records from the **Kent Biological and Geological Record and Archive (KBGRA)** at Maidstone Museum. This has enabled me to show the number of ten-kilometre squares that each species has been recorded in from 1980 to date, indicated by the symbol ">1980". Thus there is a broad, if crude, measure of how comprehensive the current year's records are and how widespread each moth is in Kent. I must, however, enter a few words of caution on this data. The first is that for about one-fifth of species (marked "*") the KBGRA had no records. Surprisingly, many of these were the more common species where records would have been expected. I have noted these instances so that the reader can make allowances for the smaller data set when interpreting the information provided. I have now processed much of the backlog of records but there may well be additions to the distribution that I am already aware of that are not yet reflected in the summary data.

GB Status

The national status for each moth, where known, is shown to give an indication of how rare or otherwise the species is in a national context. The actual definitions used have varied slightly over time and the latest ones are contained in "IUCN Red List Categories: Version 3.1" (2001). There are no available listings using these definitions yet, but JNCC are said to be working on it. As a broad guide for moths, it is based on their UK distribution measured in terms of occurrence in ten-kilometre squares per the National Grid system as follows (after Shirt, 1987):

RDB 1 = Endangered.	Usually in five or fewer ten-km squares.
RDB 2 = Vulnerable.	Small populations and declining.
RDB 3 = Rare.	Usually in fifteen or fewer ten-km squares.
Na = Notable A.	Found in from 16 to 30 ten-km squares.
Nb = Notable B.	Found in from 31 to 100 ten-km squares.
Local = Local.	Found in from 101 to 300 ten-km squares.

For macro-moths, I have used Waring, 1999 (National Moth Conservation Project, News Bulletin 10) which is the most recent update, but not widely available. For micro-moths, the only general work is Parsons 1984 (A Provisional National Review of the Status of British Microlepidoptera). This non-published report to the Nature Conservancy Council was based on the best available information at the time but is now well out of date. There have been two partial updates so far, Parsons 1993 (A Review of the Scarce and Threatened Pyralid Moths of Great Britain) and Parsons 1995 (A Review of the Scarce and Threatened Ethmiine, Strathmopodine and Gelechiid Moths of Great Britain). All these works stress they are not Red Data Books and the "status" given should be viewed as provisional.

The UK Government signed the Convention on Biological Diversity at the Earth Summit in Rio in 1992. In accordance with the Convention, the UK Government has published **Biodiversity Action Plans** (BAPs). Various moths have been included in so-called “short, middle and long” lists; the species listed are just noted “BAP”. In separate documents, some species have an “action plan” while others have only a “species statement” which falls well short of a “plan”. The former are herein designated BAP1 while the latter are indicated by BAP2.

Weather

A weather report for the year is expected to appear in Mike Easterbrook’s Annual Butterfly Report, so is not repeated here. Another source of data on Kent weather in 2001 appeared in The Bulletin of the Kent Field Club, number 47, pages 51 to 60.

Dennis O’Keeffe

Most readers will already be aware that Dennis died on 19 October 2002. His untimely passing is a great loss both as a friend and as an entomologist. My last memory of him was at a moth trapping session together in August where he showed no sign of ailing, physically or mentally. His knowledge of the micros in Kent was unrivalled and he will be sorely missed. Full obituaries have appeared elsewhere.

National Moth Night

National Moth Night this year will fall on **12th April 2003**. It was started in 1999 and each year it will be on a different date so as to build up a broad picture of our moth fauna. This year's target species are 2242 **Sword-grass** *Xylena exsoleta* (a moth confined to the north but with odd migrant records from Dungeness and Sandwich Bay) and 2257: **Orange Upperwing** *Jodia croceago*. The latter species has been reported (but not confirmed) from Kent in 1982 (Sandwich Bay).

Moth lists for National Moth Night should be sent c/o NMN at Butterfly Conservation’s HQ (address on back cover) or direct to Robin Howard, Las Descargues, 46210 Gorses, France, or e-mailed to robin.howard@libertysurf.fr. I am also prepared to forward any lists sent via me. A summary of the results for 2001 has been published in Atropos 16 (April 2002) and the results for NMN 2002 will appear in Atropos 19 (April 2003).

A New National Recording Scheme for Macro-moths

There have now been exploratory talks on the development of a national macro-moth recording scheme. Potential partner organisations are being approached to discuss the initial planning phase. It is unlikely that any scheme will be operational before the end of the year.

Kent Biological Records Centre

Last year I mentioned the proposals for a Kent Biological Records Centre. The Heritage Lottery Fund has approved the application for funding for the centre, which has the working title of Kent Wildlife Information Centre. The grant of some £301,500 is intended to cover the costs of setting up the centre and running costs for the first three years. Assuming suitable safeguards are in place, I propose to make available my moth records after publication of each KMR. Presumably the proposed national recording scheme will in turn obtain its data from the County centre.

Deadline for 2002 Records

My long-term aim is to have substantially written each KMR before the turn of the year when the next set of records starts to arrive in force. To this end, I will input all 2002 records received up to mid-November 2003. Copies of the KMR should then be available in time for the next Kent Lepidopterists Group meeting. Traditionally, this meeting takes place in early April at the Best Western Russell Hotel, 136 Boxley Road, Maidstone.

Accuracy

As before, I have taken all reasonable care to ensure accuracy of records but the sheer volume of data processed means some errors are almost inevitable. Two other people have read through the draft as a quality control check but any errors remaining are mine alone. If anyone noticing any discrepancies would let me know I can correct them in the underlying database and the next KMR.

Ian D Ferguson

HIGHLIGHTS OF 2001

Since I started writing these Reports this introduction has commenced with an apology for the year. 2001 was not much better but initial indications are quite promising for 2002, which seems to have turned a corner. The big influence in 2001 was the fall-out from the Foot and Mouth epidemic. Although this affects farm livestock and not moths, the Government imposed control measures that effectively closed off the countryside. Thus few people were able to record the early spring species and the total number of records received was slightly down on the preceding year. However, the number of species recorded was slightly up. And there were some good things.

Acrolepiopsis assectella **Leek Moth** was discovered as new to Kent with two adult specimens in August at Gravesend (DA). Gardeners may like to look out for damage to their crops – pale yellowish/yellowish-green half-inch caterpillars feeding inside young onion leaves (May to June) so that only the outer skin remains or leek (August – October) often between the leaves, fouling them with frass. Larvae are gregarious and can cause considerable damage to individual plants but are usually local and not plentiful.

Another first Kent record, also DA, was *Bryotropha dryadella* from Swanscombe where caterpillars were found feeding on mosses at the end of March. The species was recognised as British only in 1999 when some Devon/Cornwall specimens initially thought to be the rather similar *B. basaltinella* were more closely examined.

And yet another first for Kent was the Pyralid *Duponchelia fovealis* found by MJT at Canterbury on 3rd October. I am aware of only some five other UK examples starting with the first from these shores in East Norfolk in 1996.

DO'K recognised *Cochylis molliculana* as new to East Kent when he saw it at his new hometown Dymchurch in June. A second example has now been recorded in August from New Romney (SPC). This Tortricoid moth is another recent arrival to our shores, being here less than a decade. Caterpillars feed on *Picris echioides* **Bristly Oxtongue**, very common in all coastal areas of Kent although less frequent inland. Infuriatingly, this is one of the eight or so species resident in this Country that is not covered by the new book on middle-European Tortricoides (see page 60) and is too recent to be included in the standard British monograph. It is, however, illustrated in the work on Tortricordae of Europe, which states early stages “unknown”.

The first Dungeness area record of the Pyralid *Catoptria verellus* was made by KR on 5th July. The only other Kent records were from Folkestone, in 1865, 1872 and 1874. It has not been seen in Britain for over 100 years but another appeared on 4th July in Hampshire.

The third known British example of the Pyralid *Zophodia grossulariella* was seen by NJ at Kingsdown in May. The first was from Whitstable, also in May (1982) and the second from Norfolk in June (1994). This would be the time of year Gooseberries are imported so the species is probably an adventive rather than a migrant.

Two examples of the Noctuid *Heliophobus reticulata* **Bordered Gothic** were seen again in DA's Gravesend Garden, in May. More worryingly, these were the only known specimens of this moth seen in Britain this year. Curiously, he also saw it some years back when living in Essex but within the same 10-km square.

JO saw the ninth British example of the Pyralid *Haimbachia cicatricella* a large fresh female, in his Dymchurch garden in July. While researching his prize at the Natural History Museum (London) he realised a specimen from pre 1864 was the second British record for this species but that it had not been recognised as such in the literature.

Aeuplagia quadripunctaria **Jersey Tiger** was seen by ML near Dover in August. It is impossible to rule out a released captive bred specimen but given the end July record from Dungeness in 1992, this could well be the third *bona fide* Kent example.

Two examples of *Eupithecia abietaria* **Cloaked Pug** were seen at Hamstreet on 5th July (JC), on the same night several others were noted outside Kent. Last seen in Kent in 1986, when there was also a flush of records elsewhere and a single example on 3 July 1994. It thus seems more likely that they are migrants than residents. Another probable migrant taken at Hamstreet on the same night was Dotted Footman (SPC).

Another Noctuid, *Pechipogo strigilata* **Common Fan-foot** is not at all common, although *Zanclognatha tarsipennalis* **Fan-foot** is common! Sightings by JPI of the former, inappropriately named, moth this year are the only confirmed recent records for the County and appear to be from an established breeding colony in East Kent

The *Trisateles emortualis* **Olive Crescent** was seen at four separate locations during the year, namely Blean Woods (JPI), Hamstreet (JP), Ramsgate (PM) and Ruckinge (BBo). Thus every indication is that this crop of arrivals were migrants. However, it is difficult to overlook that there have been four sightings from the Hamstreet woods complex (in 1984, 1999 and now two in 2001). This raises the tantalising possibility that this RDB species might just possibly be resident in Kent.

The third Dungeness area record of *Eilema caniola* **Hoary Footman** was made by KR on 13th October at Lydd. There were only some five Kent records for the twentieth century.

The fortunes of another Pyralid *Vitula biviella* continue apace. It has almost certainly been a resident at Lydd for a few years and new sightings have more a feel of range expansion than fresh immigration.

The Noctuid *Orthosia cerasi* **Common Quaker** is a familiar moth in the spring. However both FS and TS saw examples at the end of November. It is hard to know if these were very late or exceptionally early! Outside Kent, others were noted in Berkshire on 8th October (Ent Rec., 114, pg. 68) and in Essex on 16th October (Ent Rec., 114, pg. 35).

The number of Clearwing moths noted is up because of the availability of pheromones. My experience suggests the *Synanthedon tipuliformis* **Current Clearwing** responds quite well and others tell me that my negative results for the *Bembecia ichneumoniformis* **Six-belted Clearwing** were as near proof of absence as one is likely to get. Concerned about the vulnerability of the *Pyropteron chrysidiformis* **Fiery Clearwing** I conducted experiments at Folkestone Warren but the moths were totally unimpressed! Incidentally, even this activity required an English Nature licence. If you would like to try your hand at this technique, contact Andrew Collins (SAE to 228 Kathleen Road, Sholing, Southampton, SO19 8GY or e-mail arc@soton.ac.uk) for advice on where to obtain the pheromones. This could herald the start of a revolution in the understanding the distribution of these moths. An article on experience with the technique appeared in Atropos 16, pages 64 to 72.

The sighting of the rare plume moth *Cnaemidophorus rhododactyla* by AGJB was close to a known location, albeit with no record since 1902 and rather pleasingly confirms its continuing existence in Kent. The bad news is that it will be in the middle of runway three at the new Cliffe Airport!

SUMMARY OF MIGRANTS 2001

Uncommon Migrants

In addition to the moths discussed in highlights, above, a number of more unusual migrants were also noted, although it is sometimes difficult to call the boundaries between occasional, unusual and regular.

There were a number of records for *Atolmis rubricollis* **Red-necked Footman**, mostly in June and mainly from coast areas. They give all the appearance of being migrants.

EC saw two *Hyles livornica* **Striped Hawk-moth** in his garden on successive days on 28th and 29th June, apparently the only ones noted this year.

The resident Kent population of *Callimorpha dominula* **Scarlet Tiger** is so small it is not exporting moths and so the example from Dungeness on 4th July was probably a migrant.

As last year, another single example of *Pelosia muscerda* **Dotted Footman** was seen, this time by SPC at Orlestone Forest on 5th July. Considered to be a probable migrant.

The origin of specimens of *Chrysodeixis chalcites* **Golden Twin-spot** that continue to appear in north Kent presents a puzzle. Only one was seen in the year, on 6th July at Ramsgate (FS) but it continues the run for recent years.

The first *Lithosia quadra* **Four-spotted Footman** of the year occurred on 7th July inland at Maidstone (RT) although the main batch were coastal and arrived in September.

The eleventh Kent record for *Cryphia algae* **Tree-lichen Beauty**, a male, was recorded by SPC at New Romney on 10th August. This seems to be the forerunner for a significant batch of records in 2002.

Both of this years examples of *Acherontia atropos* **Death's Head Hawk-moth** were seen in August at Dungeness. For SW, it was one of two species noted during a daytime visit!

Late September saw the arrival of nine specimens of the Pyralid *Loxostege sticticalis*. It appeared first at Dungeness (GL), then at Kingsgate (FS) on 23rd and 24th, Grain (AGJB) on 24th and 25th, on which night it was also seen near Dover (TR). Finally two examples at Kingsgate and Lydd.

Two sightings of *Catocala fraxini* **Clifden Nonpareil** were made a few days apart in September, the first of which is illustrated on the front cover. Atropos 15 tells the story of how PC saw the moth on the outside of a building as he unlocked the door. It was later shown to a group of about 20 bird watchers before being released. It is thus possibly the same moth that appeared to SW, also at St Margaret's-at-Cliffe.

Only one example of the Noctuid *Mythimna loreyi* **Cosmopolitan** was seen in the year, by SPC at New Romney on 12th October.

The Noctuid *Trigonophora flammea* **Flame Brocade** put in two appearances in October this year, the first with TM at St Margarets at Cliffe on the 12th and then two days later for FS in Kingsgate.

Something of a vintage year for the Pyralid *Palpita vitrealis* with nine sightings in the year. Noted at Lydd (KR) in September, Dungeness (DW) on 13th October, Kingsgate (FS) the following day, two more on 20th at Ramsgate(PM) and Kingsgate (FS), another at Dungeness (DW) on the 27th, two on 30th at Ramsgate and Kingsgate (both FS) and a final one the following day at Ramsgate (PM).

Regular Migrants

Among the regularly seen migrants were:

- *Plutella xylostella* **Diamond-back Moth**. After a hesitant start in March, appeared almost continuously to the end of August, with a peak at the beginning of that month. There appeared to be a short break in the first half of September but it continued to be seen until November. Most records were from North Kent.
- *Udea ferrugalis* **Rusty-dot Pearl**. Appeared more or less continuously from June to end of November. Peaks in August and, especially, October. Largely coastal but some scattered records near Tonbridge.
- *Nomophila noctuella* **Rush Veneer**. Some early records in May before coming on stream from July to October. Peak occurrence in August. Widespread across the County.
- *Conobathra tumidana*. Three examples of this Pyralid migrant were noted at Dungeness/Lydd/Littlestone (DW & KR) in August. This has been seen most years since the invasion of 1996.
- *Rhodometra sacraria* **Vestal**. Two influxes, in July/August and the main one in October. Mainly in the Dungeness area but with three or four sightings elsewhere.
- *Orthonama obstipata* **Gem**. Fitful instalments from May but the main influx (about two-thirds of the total) occurred from 12th to 29th October. Mainly coastal but one notable exception at Ightham (PJB).
- *Agrius convolvuli* **Convolvulus Hawk-moth**. Main influx in September but another in October. All coastal, though one Grain (AGJB) on the North coast.
- *Macroglossum stellatarum* **Humming-bird Hawk-moth**. One record in April and two in June, the main sightings were in three distinct batches from July to October. More or less evenly spread across the County.
- *Agrotis ipsilon* **Dark Sword-grass**. The odd sighting in April, then end-May/June before the main batch from late-July continuously to the end of October. Peak in early August. Widespread.
- *Peridroma saucia* **Pearly Underwing**. A hesitant start in June/July, the moth did not commence in earnest until late August. Peaked in late October. Strongly coastal with one exception at Ightham (PJB).
- *Mythimna vitellina* **Delicate**. Mainly October. Strongly coastal.
- *Spodoptera exigua* **Small Mottled Willow**. October. Coastal. Very modest numbers.
- *Helicoverpa armigera* **Scarce Bordered Straw**. Mainly October. Coastal. Modest numbers.
- *Autographa gamma* **Silver Y**. It can be difficult to separate out migrants from resident moths. Came on stream in May and lasted more or less continuously to the end of November. There was a pronounced peak in the latter half of August, which tailed off sharply to the end of September. There followed a not insignificant showing in October, when other migrants were in evidence. Widespread.

Synopsis of Moths Recorded from Kent in 2001

Nomenclature follows Bradley 2000

ERIOCRANIIDAE (1 species)

0006 *Eriocrania subpurpurella* GB Status: Unknown
 First/Last: 10 May (PS)/12 May (KP) Ten-km Squares: 2001 (> 1980) 2 (12)
 TQ46(PS) & TQ53(KP).

HEPIALIDAE (5 species)

0014 *Hepialus humuli* GB Status: Common **Ghost Moth**
 First/Last: 5 Jun (FS & TR)/21 Jul (TS) Ten-km Squares: 2001 (> 1980) 8 (36)
 Additionally, there were two late records – on 11 Aug (ML) & 22 Aug (JSB).

0015 *Hepialus sylvina* GB Status: Common **Orange Swift**
 First/Last: 18 Jul (SW)/16 Sep (PPH) Ten-km Squares: 2001 (> 1980) 23 (41)

0016 *Hepialus hecta* GB Status: Common **Gold Swift**
 First/Last: 2 Jun (JSh)/6 Jun (AGJB) Ten-km Squares: 2001 (> 1980) 6 (18)

0017 *Hepialus lupulinus* GB Status: Common **Common Swift**
 First/Last: 13 May (PPH)/26 Jul (PPH) Ten-km Squares: 2001 (> 1980) 27 (42)

0018 *Hepialus fusconebulosa* GB Status: Common **Map-winged Swift**
 First/Last: 16 Jun (TS)/20 Jun (TR) Ten-km Squares: 2001 (> 1980) 2 (9)
 TQ56(TS) & TR24(TR).

NEPTICULIDAE (2 species)

0022 *Ectoedemia louisella* GB Status: Unknown
 First/Last: 22 Jul Ten-km Squares: 2001 (> 1980) 1 (2)
 TR35(IH). Previously *Etainia sphenammi*. Said to be widespread in southern England.

0050 *Stigmella aurella* GB Status: Common
 First/Last: Vacant leaf mines on *Rubus* (RB) Ten-km Squares: 2001 (> 1980) 1 (16)
 Possibly grossly under-recorded although Erik van Nieuwerkerken (a leading European authority) has recently opined that the mines of 0053 *S. splendidissimella* on *Rubus* can not be separated reliably by the "traditional" distinctions.

INCURVARIIDAE (2 species)

0130 *Incurvaria masculella* GB Status: Unknown
 First/Last: 13 May (FS & PM)/3 Jun (FS) Ten-km Squares: 2001 (> 1980) 3 (20)
 TR15(FS), TR36(PM) & TR37(FS).

0131 *Incurvaria oehlmanniella* GB Status: Unknown
 First/Last: 29 Jun Ten-km Squares: 2001 (> 1980) 1 (10)
 TQ94(KP).

ADELIDAE (6 species)

0140 *Nematopogon swammerdamella* GB Status: Unknown
 First/Last: 15 May(FS)/24 May(FS) Ten-km Squares: 2001 (> 1980) 3 (10)

0147 *Nemophora metallica* GB Status: Local
 First/Last: 13 Jun (FS) Ten-km Squares: 2001 (> 1980) 1 (2*)

0148 *Nemophora degeerella* GB Status: Common
 First/Last: 9 Jun (LC)/3 Jul (OD) Ten-km Squares: 2001 (> 1980) 5 (26)

0150 *Adela reamurella* GB Status: Common
 First/Last: 6 May (FS)/2 Jun (GH) Ten-km Squares: 2001 (> 1980) 5 (35)
 TQ55(PJB), TQ56(GH & IDF), TQ57(LC), TR36(FS & PM) & TR37(FS).

0152 *Adela rufimitrella* GB Status: Local
 First/Last: 15 May/29 May Ten-km Squares: 2001 (> 1980) 2 (9)
 TR15(FS) & TR16(FS).

0153 *Adela fibulella* GB Status: Local
 First/Last: 27 May/31 May Ten-km Squares: 2001 (> 1980) 1 (5)
 TQ55(PJB).

COSSIDAE (2 species)

0161 *Zeuzera pyrina* GB Status: Common **Leopard Moth**
 First/Last: 20 Jun (FS)/26 Jul (MC) Ten-km Squares: 2001 (> 1980) 17 (38)

0162 *Cossus cossus* GB Status: Nb, BAP **Goat Moth**
 First/Last: 4 Jul (AB) Ten-km Squares: 2001 (> 1980) 2 (7)

ZYGAENIDAE (3 species)

0163 *Adscita statices* GB Status: Local, BAP **Forester**
 First/Last: 6 Jun (DB)/1 Jul (DB) Ten-km Squares: 2001 (> 1980) 1 (1)

0169 *Zygaena filipendulae* GB Status: Common **Six-spot Burnet**
 First/Last: 13 Jun (FS)/30 Aug (FS) Ten-km Squares: 2001 (> 1980) 13 (45)

0171 *Zygaena lonicerae* GB Status: Common **Narrow-bordered Five-spot Burnet**
 First/Last: 25 Jun (FS)/31 Jul (FS) Ten-km Squares: 2001 (> 1980) 5 (23)

LIMACODIDAE (2 species)

0173 *Apoda limacodes* GB Status: Nb, BAP **Festoon**
 First/Last: 25 Jun (FS)/1 Aug (LC) Ten-km Squares: 2001 (> 1980) 3 (14)

0174 *Heterogenea asella* GB Status: RDB3, BAP **Triangle**
 First/Last: 6 Jul (AGJB) Ten-km Squares: 2001 (> 1980) 1 (2)

PSYCHIDAE (2 species)

0177 *Dahlica inconspicuellae* GB Status: Local **Lesser Lichen Case-bearer**
 First/Last: Larvae Ten-km Squares: 2001 (> 1980) 1 (1*)
 TR01 (DO'K & IS).

0189 *Epichnopterix plumella* GB Status: Unknown
 First/Last: 10 May (FS)/3 Jun (PM) Ten-km Squares: 2001 (> 1980) 1 (2)
 TR36 (FS & PM).

TINEIDAE (5 species)

0225 *Triaxomera fulvimitrella* GB Status: Local
 First/Last: 13 Jun Ten-km Squares: 2001 (> 1980) 1 (2)
 TR16(FS).

0228 *Monopis weaverella* GB Status: Unknown
 First/Last: 15 May/13 Aug Ten-km Squares: 2001 (> 1980) 2 (4)
 TR16(FS) & TR36(FS).

0237 *Niditinea fuscella* GB Status: Unknown **Brown-dotted Clothes Moth**
 First/Last: 16 May (FS)/30 May (FS) Ten-km Squares: 2001 (> 1980) 1 (5)

0246 *Tinea semifulvella* GB Status: Unknown
 First/Last: 6 July (FS)/24 Jul (FS) Ten-km Squares: 2001 (> 1980) 1 (15)

0247 *Tinea trinotella* GB Status: Unknown
 First/Last: 5 Jun (IDF & PS)/4 Jul (IH) Ten-km Squares: 2001 (> 1980) 2 (17)

GRACILLARIIDAE (8 species)

0281 *Caloptilia populetorum* GB Status: Local
 First/Last: 21 Jun Ten-km Squares: 2001 (> 1980) 1 (1*)
 TQ47(ILB). "Widespread but uncommon". I have no other Kent record but M&BGB&I shows it from both vice counties.

0284 *Caloptilia rufipennella* GB Status: Unknown
 First/Last: 16 Jul (FS)/12 Oct (FS) Ten-km Squares: 2001 (> 1980) 1 (3)

0286 *Caloptilia alchimiella* GB Status: Unknown
 First/Last: 15 May (FS)/25 Jun (FS) Ten-km Squares: 2001 (> 1980) 2 (9)
 TQ47(ILB) & TR16(FS).

0288 *Caloptilia stigmatella* GB Status: Common
 First/Last: 15 Aug Ten-km Squares: 2001 (> 1980) 1 (8)
 TQ46(MPJ).

0293 *Caloptilia syringella* GB Status: Common
 First/Last: 29 May (FS)/17 Aug (FS) Ten-km Squares: 2001 (> 1980) 2 (16)

0294 *Aspilapteryx tringipennella* GB Status: Common
 First/Last: 25 Aug Ten-km Squares: 2001 (> 1980) 1 (7)
 TQ46(MPJ).

0321 *Phyllonorycter messaniella* GB Status: Common
 First/Last: 15 May (FS)/13 Oct (MPJ) Ten-km Squares: 2001 (> 1980) 3 (10)

0368 *Phyllocnistis unipunctella* GB Status: Unknown
 First/Last: 28 Jul/29 Sep Ten-km Squares: 2001 (> 1980) 1 (6)
 TR37(FS).

SESIIDAE (8 species)

0370 *Sesia apiformis* GB Status: Nb **Hornet Moth**
 First/Last: 18 Jun (AGJB) Ten-km Squares: 2001 (> 1980) 1 (3)

0373 *Synanthedon tipuliformis* GB Status: Nb **Currant Clearwing**
 First/Last: 19 Jun (KA)/4 Jul (IDF) Ten-km Squares: 2001 (> 1980) 3 (7)
 TQ46(GG & IDF), TQ73(KA) & TR35(FS).

0374 *Synanthedon vespiformis* GB Status: Nb **Yellow-legged Clearwing**
 First/Last: 24 May (FS)/15 Jul (KA) Ten-km Squares: 2001 (> 1980) 2 (7)
 TQ64(KA) & TR15(FS).

0378 *Synanthedon andrenaeformis* GB Status: Nb **Orange-tailed Clearwing**
 First/Last: 25 Jun (FS)/2 Jul (IH) Ten-km Squares: 2001 (> 1980) 2 (4)
 TR23(FS) & TR35(IH).

0379 *Synanthedon myopaeformis* GB Status: Nb **Red-belted Clearwing**
 First/Last: 24 Jun (KA & MPJ)/1 Aug (FS) Ten-km Squares: 2001 (> 1980) 5 (9)

0380 *Synanthedon formicaeformis* GB Status: Nb **Red-tipped Clearwing**
 First/Last: 21 Jun Ten-km Squares: 2001 (> 1980) 1 (1*)
 TR22(FS).

0381 *Synanthedon culiciformis* GB Status: Nb **Large Red-belted Clearwing**
 First/Last: 24 May/21 Jun Ten-km Squares: 2001 (> 1980) 2 (2*)
 TR15(FS) & TR26(FS).

0382 *Bembecia ichneumoniformis* GB Status: Nb **Six-belted Clearwing**
 First/Last: 21 Jun (FS)/28 Jul (JP) Ten-km Squares: 2001 (> 1980) 2 (7)

CHOREUTIDAE (1 species)

0385 *Anthophila fabriciana* GB Status: Common **Nettle-tap**
 First/Last: 19 May (IDF)/8 Sep (LC) Ten-km Squares: 2001 (> 1980) 10 (42)

GLYPHIPTERIGIDAE (2 species)

0391 *Glyphipterix simplicella* GB Status: Common **Cocksfoot Moth**
 First/Last: 24 May (FS)/25 Jun (FS) Ten-km Squares: 2001 (> 1980) 2 (21)

0470 *Orthotaelia sparganella* GB Status: Local
 First/Last: 28 Jul (JP) Ten-km Squares: 2001 (> 1980) 1 (7)

YPONOMEUTIDAE (27 species)

0410 *Argyresthia brockeella* GB Status: Unknown
 First/Last: 11 Jul (KP)/29 Jul (FS) Ten-km Squares: 2001 (> 1980) 2 (17)

0411 *Argyresthia goedartella* GB Status: Common
 First/Last: 21 Jul (FS)/30 Aug (MPJ) Ten-km Squares: 2001 (> 1980) 6 (27)

0414 *Argyresthia curvella* GB Status: Common
 First/Last: 18 Jun/20 Jun Ten-km Squares: 2001 (> 1980) 1 (8)
 TR36(FS).

0417 *Argyresthia spinosella* GB Status: Local
 First/Last: 13 Jun Ten-km Squares: 2001 (> 1980) 1 (4)
 TR37(FS).

0419 *Argyresthia semifusca* GB Status: Unknown
 First/Last: 6 Aug (FS)/14 Aug (KP) Ten-km Squares: 2001 (> 1980) 2 (4)

0420 *Argyresthia pruniella* GB Status: Common **Cherry Fruit Moth**
 First/Last: 30 Jul Ten-km Squares: 2001 (> 1980) 1 (3)
 TQ46(MPJ).

0421 *Argyresthia bonnetella* GB Status: Unknown
 First/Last: 6 Jul (FS & IDF)/13 Aug (FS) Ten-km Squares: 2001 (> 1980) 2 (13)
 TQ46(IDF), TR36(FS).

0422 *Argyresthia albistria* GB Status: Unknown
 First/Last: 1 Jul (PS)/13 Aug (FS) Ten-km Squares: 2001 (> 1980) 2 (5)

0424 *Yponomeuta evonymella* GB Status: Local **Bird-cherry Ermine**
 First/Last: 1 Jul (RT)/22 Aug (MPJ) Ten-km Squares: 2001 (> 1980) 12 (20)

0425 *Yponomeuta padella* GB Status: Common **Orchard Ermine**
 First/Last: 1 Jul (FS)/29 Jul (FS & PS) Ten-km Squares: 2001 (> 1980) 8 (25)
 The basis of a complex that is hard to separate.

0427 *Yponomeuta cagnagella* GB Status: Unknown **Spindle Ermine**
 First/Last: 10 Jul (FS)/14 Aug (FS) Ten-km Squares: 2001 (> 1980) 2 (18)

0430 *Yponomeuta plumbella* GB Status: Unknown
 First/Last: 25 Aug (PS) Ten-km Squares: 2001 (> 1980) 1 (6)

0435 *Zelleria hepariella* GB Status: Local
 First/Last: 29 Jul Ten-km Squares: 2001 (> 1980) 1 (2)
 TQ46(PS).

0438	<i>Swammerdamia pyrella</i>	GB Status: Unknown			
First/Last:	Not reported	Ten-km Squares:	2001 (> 1980)	1	(11)
TQ47(ILB).					
0441	<i>Paraswammerdamia lutarea</i>	GB Status: Unknown			
First/Last:	28 Jun (FS)/27 Aug (FS)	Ten-km Squares:	2001 (> 1980)	2	(15)
0450	<i>Scythropia crataegella</i>	GB Status: Unknown		Hawthorn Moth	
First/Last:	14 Jun (TR)/2 Aug (FS)	Ten-km Squares:	2001 (> 1980)	6	(12)
0453	<i>Ypsolopha dentella</i>	GB Status: Unknown		Honeysuckle Moth	
First/Last:	6 Jul (PM)/19 Aug (FS)	Ten-km Squares:	2001 (> 1980)	5	(20)
0455	<i>Ypsolopha scabrella</i>	GB Status: Unknown			
First/Last:	6 Jul (IH)/23 Aug (MPJ)	Ten-km Squares:	2001 (> 1980)	5	(18)
0458	<i>Ypsolopha alpella</i>	GB Status: Local			
First/Last:	29 Jul/24 Aug	Ten-km Squares:	2001 (> 1980)	2	(2)
TR16(FS) & TR37(FS). The Maidstone Museum records are all pre-1980.					
0459	<i>Ypsolopha sylvella</i>	GB Status: Unknown			
First/Last:	5 Aug/10 Aug	Ten-km Squares:	2001 (> 1980)	2	(2*)
TR16(FS) & TR37(FS).					
0460	<i>Ypsolopha parenthesella</i>	GB Status: Common			
First/Last:	20 Aug (KP)/20 Sep (KP)	Ten-km Squares:	2001 (> 1980)	1	(12)
0461	<i>Ypsolopha ustella</i>	GB Status: Common			
First/Last:	2 Feb (KP)/29 Jul(FS)	Ten-km Squares:	2001 (> 1980)	4	(14)
TQ36(KP), TQ45(KP), TQ55(KP) & TR16(FS). Overwinters; latest spring sighting 22 Feb (KP).					
0462	<i>Ypsolopha sequella</i>	GB Status: Local			
First/Last:	26 Jun (PM)/29 Aug (PM)	Ten-km Squares:	2001 (> 1980)	4	(14)
0464	<i>Plutella xylostella</i>	GB Status: Migrant		Diamond-back Moth	
First/Last:	8 Apr (FS)/24 Nov (FS)	Ten-km Squares:	2001 (> 1980)	13	(38)
0465	<i>Plutella porrectella</i>	GB Status: Unknown			
First/Last:	5 Jun (KP)	Ten-km Squares:	2001 (> 1980)	1	(8)
0469	<i>Eidophasia messingiella</i>	GB Status: Local			
First/Last:	1 Jun (PM)/4 Jul (FS)	Ten-km Squares:	2001 (> 1980)	2	(13)
0473	<i>Acrolepiopsis assectella</i>	GB Status: pRDB3		Leek Moth	
First/Last:	10 Aug/27 Aug	Ten-km Squares:	2001 (> 1980)	1	(1*)
TQ67(DA). First Kent record at Gravesend. Rather rare and, as a potential pest, many may hope it remains so!					

LYONETIIDAE (2 species)

0254	<i>Leucoptera laburnella</i>	GB Status: Unknown		Laburnum Leaf Miner	
First/Last:	13 May (FS)/29 Jun (PS)	Ten-km Squares:	2001 (> 1980)	2	(3)
0263	<i>Lyonetia clerkella</i>	GB Status: Common		Apple Leaf Miner	
First/Last:	26 Jun (FS)/25 Aug (FS)	Ten-km Squares:	2001 (> 1980)	2	(17)

COLEOPHORIDAE (4 species)

0516	<i>Coleophora trifolii</i>	GB Status: Unknown			
First/Last:	20 Jun (FS)/27 Jul (FS)	Ten-km Squares:	2001 (> 1980)	3	(9)

DA pointed out in 2000 (BJENH, 13, pg. 45) that M&BGB&I, vol. 3 (1996) inadvertently merged two valid species 0517 *Coleophora alcyonipennella* and 0517a *Coleophora frischella*. Further, the illustration was of the former but under the latter's name. Thus records for *Coleophora frischella* are presumed to be *Coleophora alcyonipennella*, but the situation is unsatisfactory as *Coleophora frischella* (sensu stricto) could also occur.

0517 *Coleophora alcyonipennella* GB Status: Nb **Clover Case-bearer**
 First/Last: 29 Jun (FS)/6 Sep (FS) Ten-km Squares: 2001 (> 1980) 2 (3)
 Recorded as *Coleophora frischella*, but see note on preceding page.

0518 *Coleophora mayrella* GB Status: Unknown
 First/Last: 20 Jun (FS)/31 Jul (PS) Ten-km Squares: 2001 (> 1980) 3 (12)
 TQ46(PS), TR36(FS & PM) & TR37(FS).

0560 *Coleophora paripennella* GB Status: Unknown
 First/Last: 14 Jul/27 Jul Ten-km Squares: 2001 (> 1980) 2 (3)
 TR36(FS) & TR37(FS).

ELACHISTIDAE (1 species)

0610 *Elachista argentella* GB Status: Common
 First/Last: 24 May (PS)/24 Jun (FS) Ten-km Squares: 2001 (> 1980) 2 (12)
 TQ46(PS) & TR37(FS).

OECOPHORIDAE (13 species)

0640 *Batia lunaris* GB Status: Local
 First/Last: 1 Jul (FS & PS)/25 Jul (FS) Ten-km Squares: 2001 (> 1980) 3 (17)

0642 *Batia unitella* GB Status: Local
 First/Last: 31 Jul (PS) Ten-km Squares: 2001 (> 1980) 1 (8)

0647 *Hofmannophila pseudospretella* GB Status: Common **Brown House Moth**
 First/Last: 27 Apr (TS)/25 Aug (MPJ) Ten-km Squares: 2001 (> 1980) 7 (23)

0648 *Endrosis sarcitrella* GB Status: Common **White-shouldered House Moth**
 First/Last: 10 May (RT)/27 Sep (MPJ) Ten-km Squares: 2001 (> 1980) 11 (20)

0649 *Esperia sulphurella* GB Status: Common
 First/Last: 27 Apr (FS)/13 Jun (FS) Ten-km Squares: 2001 (> 1980) 6 (21)

0652 *Alabonia geoffrella* GB Status: Common
 First/Last: 13 Jun (FS)/1 Jul (KP) Ten-km Squares: 2001 (> 1980) 3 (19)

0658 *Carcina quercana* GB Status: Common
 First/Last: 29 Jun (FS)/2 Sep (FS) Ten-km Squares: 2001 (> 1980) 17 (30)
 Additionally, there were early 24 May (RT) and late 29 Sep (FS), 10 Oct (MPJ) and 12,13 Oct (FS) sightings. I have one other May (1978) and one other Oct (1999) record. There is no obvious candidate for possible confusion, so could this be the start of a trend towards two generations?

0663 *Diurnea fagella* GB Status: Unknown
 First/Last: 6 Feb (KP)/27 Apr (FS) Ten-km Squares: 2001 (> 1980) 7 (18)

0672 *Depressaria pastinacella* GB Status: Unknown **Parsnip Moth**
 First/Last: 10 May (OD)/14 Aug (FS) Ten-km Squares: 2001 (> 1980) 2 (13)
 TQ86(OD) & TR37(FS). Overwinters, latest spring sighting 19 May (OD).

0688 *Agonopterix heracliana* GB Status: Common
 First/Last: 13 Feb (FS)/5 Oct (DD) Ten-km Squares: 2001 (> 1980) 5 (15)
 Overwinters. Last spring record 10 May (OD). First summer record 21 Jul (DD).

0695 *Agonopterix alstroemeriana* GB Status: Unknown
 First/Last: 10 Mar (FS)/16 Oct (FS) Ten-km Squares: 2001 (> 1980) 4 (14)
 Overwinters. Last spring record 26 Apr (FS). First summer record 28 Jul (JP).

0697 *Agonopterix arenella* GB Status: Common
 First/Last: 14 Mar (RB)/11 Oct (KP) Ten-km Squares: 2001 (> 1980) 7 (24)
 Overwinters. Last spring record 24 May (KP). First summer record 11 Aug (NJ).

0706 *Agonopterix nervosa* GB Status: Local
 First/Last: 26 Jul (FS)/4 Oct (FS) Ten-km Squares: 2001 (> 1980) 1 (9)
 TR37(FS). The phenology graph shows a Jul/Aug generation (as expected) and what appears to be a Sep/Oct brood.

ETHMIIDAE (1 species)

0720 *Ethmia bipunctella* GB Status: pRDB2
 First/Last: 11 Aug (DW) Ten-km Squares: 2001 (> 1980) 1 (5)

GELECHIIDAE (11 species)

0746 *Chrysoesthia drurella* GB Status: Unknown
 First/Last: Not reported Ten-km Squares: 2001 (> 1980) 1 (2)
 TQ47(ILB).

777a *Bryotropha dryadella* GB Status: Unknown
 First/Last: Larvae Ten-km Squares: 2001 (> 1980) 1 (1*)
 TQ67(DA & RJH). First Kent record. Larvae amongst *Bryum* and *Barbula* spp. at a chalk quarry in Swanscombe on 29 Mar, moths bred. Very similar to 0777 *B. basaltinella*, for which some early examples were mistaken.

0779 *Bryotropha affinis* GB Status: Unknown
 First/Last: 20 Jul (KP) Ten-km Squares: 2001 (> 1980) 1 (5)

0787 *Bryotropha terrella* GB Status: Local
 First/Last: 21 Jul (PS)/11 Aug (DA) Ten-km Squares: 2001 (> 1980) 2 (16)

0789 *Bryotropha domestica* GB Status: Unknown
 First/Last: 25 Jul (PS)/24 Aug (KP) Ten-km Squares: 2001 (> 1980) 2 (4)

0765 *Teleiodes vulgella* GB Status: Unknown
 First/Last: 5 Jun (FS)/2 Jul (FS) Ten-km Squares: 2001 (> 1980) 3 (8)

0774 *Teleiodes luculella* GB Status: Local,
 First/Last: 6 Aug (PS) Ten-km Squares: 2001 (> 1980) 1 (7)

0801a *Gelechia senticetella* GB Status: Unknown
 First/Last: 21 Jul (PS)/11 Aug (DA) Ten-km Squares: 2001 (> 1980) 2 (2*)

0819 *Scrobipalpa costella* GB Status: Local
 First/Last: 11 Aug Ten-km Squares: 2001 (> 1980) 1 (10)
 TQ47(DA).

0862 *Dichomeris marginella* GB Status: Unknown **Juniper Webber**
 First/Last: 29 Jun (FS)/24 Aug (MPJ) Ten-km Squares: 2001 (> 1980) 5 (9)

0868 *Helcystogramma rufescens* GB Status: Local
 First/Last: 6 Jul/25 Jul Ten-km Squares: 2001 (> 1980) 1 (15)
 TR37(FS).

AUTOSTICHIDAE (2 species)

0870 *Oegoconia quadripuncta* GB Status: Unknown
 First/Last: 28 Jun (KP)/2 Sep (FS) Ten-km Squares: 2001 (> 1980) 3 (8)

0871 *Oegoconia deauratella* GB Status: Local
 First/Last: 2 Jul (PS) Ten-km Squares: 2001 (> 1980) 1 (5)

BLASTOBASIDAE (2 species)

0873 *Blastobasis lignea* GB Status: Local
 First/Last: 6 Jul (FS)/14 Sep (FS) Ten-km Squares: 2001 (> 1980) 9 (21)

0874 *Blastobasis decolorella* GB Status: Local
 First/Last: 12 Jun (RT)/19 Nov (FS) Ten-km Squares: 2001 (> 1980) 9 (32)
 The first generation ended 21 Aug (FS) and the second generation commenced 20 Sep (KP).

MOMPHIDAE (2 species)

0883 *Mompha raschkiella* GB Status: Unknown
 First/Last: 13 Aug Ten-km Squares: 2001 (> 1980) 1 (13)
 TR36(FS).

0892 *Mompha subbistrigella* GB Status: Unknown
 First/Last: 25 May/23 Aug Ten-km Squares: 2001 (> 1980) 3 (8)
 TQ53(KP), TQ54(KP) & TQ64(KP).

COSMOPTERIGIDAE (3 species)

0898 *Limnaecia phragmitella* GB Status: Unknown
 First/Last: 23 Jul Ten-km Squares: 2001 (> 1980) 1 (4)
 TQ46(PS).

0903 *Chrysoclista linneella* GB Status: Na
 First/Last: Not reported Ten-km Squares: 2001 (> 1980) 1 (4*)
 TQ47(ILB).

0905 *Blastodacna hellerella* GB Status: Unknown
 First/Last: 26 Jun (FS)/17 Jul (FS) Ten-km Squares: 2001 (> 1980) 3 (8)

TORTRICIDAE (129 species)

0925 *Phtheochroa rugosana* GB Status: Local
 First/Last: 5 Jun (KP)/12 Jun (PS) Ten-km Squares: 2001 (> 1980) 2 (7)

0932 *Phalonidia affinitana* GB Status: Local
 First/Last: 28 Jul Ten-km Squares: 2001 (> 1980) 1 (4)
 TR06(JP).

0929 *Gynnidomorpha vectisana* GB Status: Unknown
 First/Last: 28 Jul (JP) Ten-km Squares: 2001 (> 1980) 1 (3)

0935 *Cochylimorpha alternana* GB Status: Nb
 First/Last: 5 Jul (FS)/11 Aug (FS) Ten-km Squares: 2001 (> 1980) 1 (2)

0936 *Cochylimorpha straminea* GB Status: Local
 First/Last: 5 Jun (KP)/30 Aug (FS) Ten-km Squares: 2001 (> 1980) 2 (7)
 TQ56(KP) & TR37(FS).

0937 *Agapeta hamana* GB Status: Common
 First/Last: 20 Jun (FS)/15 Aug (FS & PJB) Ten-km Squares: 2001 (> 1980) 11 (35)

0938 *Agapeta zoegana* GB Status: Local
 First/Last: 14 Jul (KP & TS)/ 20 Jul (KP) Ten-km Squares: 2001 (> 1980) 2 (16)

0939 *Aethes tesserana* GB Status: Unknown
 First/Last: 18 Jun/13 Jul Ten-km Squares: 2001 (> 1980) 2 (10)
 TR36(FS) & TR37(FS).

0945 *Aethes chnicana* GB Status: Unknown
 First/Last: 2 Jul Ten-km Squares: 2001 (> 1980) 1 (2)
 TR35(IH).

0946 *Aethes rubigana* GB Status: Unknown
 First/Last: 24 Jul (FS)/28 Jul (FS) Ten-km Squares: 2001 (> 1980) 1 (10)

0947	<i>Aethes smeathmanniana</i>	GB Status: Local			
First/Last:	5 Jun (FS & PM)/13 Aug (FS)		Ten-km Squares: 2001 (> 1980)	3	(14)
0949	<i>Aethes dilucidana</i>	GB Status: Unknown			
First/Last:	5 Aug (FS)		Ten-km Squares: 2001 (> 1980)	1	(3)
0951	<i>Aethes beatricella</i>	GB Status: Unknown			
First/Last:	5 Jun (FS & PM)/6 Jul (FS)		Ten-km Squares: 2001 (> 1980)	2	(6)
0954	<i>Eupoecilia angustana</i>	GB Status: Local			
First/Last:	18 Jun (FS)/23 Aug (KP)		Ten-km Squares: 2001 (> 1980)	3	(13)
0955	<i>Eupoecilia ambiguella</i>	GB Status: Nb	Vine Moth		
First/Last:	27 Jul/13 Aug		Ten-km Squares: 2001 (> 1980)	1	(1)
TR36(FS). The sole Maidstone Museum record dates from 1977.					
0956	<i>Cochylidia implicitana</i>	GB Status: Unknown			
First/Last:	11 Aug		Ten-km Squares: 2001 (> 1980)	1	(3)
TQ67(DA).					
0962	<i>Cochylis roseana</i>	GB Status: Unknown			
First/Last:	27 Jul		Ten-km Squares: 2001 (> 1980)	1	(8)
TR36(FS).					
0964	<i>Cochylis dubitana</i>	GB Status: Unknown			
First/Last:	5 Jun (FS)/29 Aug (FS)		Ten-km Squares: 2001 (> 1980)	2	(10)
0964a	<i>Cochylis molliculana</i>	GB Status: Unknown			
First/Last:	30 Jun (DO'K)/11 Aug (SPC)		Ten-km Squares: 2001 (> 1980)	2	(2*)
TR02 (SPC) & TR12(DO'K). New to East Kent, at Dymchurch. First UK record was 1993, so this recent colonist may be spreading.					
0965	<i>Cochylis hybridella</i>	GB Status: Unknown			
First/Last:	18 Jun (FS)/11 Sep (FS)		Ten-km Squares: 2001 (> 1980)	6	(17)
0966	<i>Cochylis atricapitana</i>	GB Status: Common			
First/Last:	5 Jun (FS)/29 Aug (FS)		Ten-km Squares: 2001 (> 1980)	2	(11)
0969	<i>Pandemis corylana</i>	GB Status: Common	Chequered Fruit-tree Tortrix		
First/Last:	13 Jun (FS)/9 Sep (MPJ)		Ten-km Squares: 2001 (> 1980)	9	(21)
0970	<i>Pandemis cerasana</i>	GB Status: Common	Barred Fruit-tree Tortrix		
First/Last:	9 Jun (FS)/24 Aug (MPJ)		Ten-km Squares: 2001 (> 1980)	12	(28)
0972	<i>Pandemis heparana</i>	GB Status: Common	Dark Fruit-tree Tortrix		
First/Last:	22 Jun (FS)/27 Aug (FS)		Ten-km Squares: 2001 (> 1980)	7	(25)
0973	<i>Pandemis dumetana</i>	GB Status: Nb			
First/Last:	20 Jun		Ten-km Squares: 2001 (> 1980)	1	(2)
TQ75(RT).					
0974	<i>Argyrotaenia ljugiana</i>	GB Status: Common			
First/Last:	26 Jul (PS)/16 Aug (KP)		Ten-km Squares: 2001 (> 1980)	4	(4*)
0977	<i>Archips podana</i>	GB Status: Common	Large Fruit-tree Tortrix		
First/Last:	6 Jun (FS)/27 Aug (FS)		Ten-km Squares: 2001 (> 1980)	12	(32)
0980	<i>Archips xylosteana</i>	GB Status: Common	Variagated Golden Tortrix		
First/Last:	29 Jun (KP)/13 Jul (FS)		Ten-km Squares: 2001 (> 1980)	3	(18)
0983	<i>Choristoneura hebenstreitella</i>	GB Status: Unknown			
First/Last:	25 Jun (FS)/2 Jul (IDF)		Ten-km Squares: 2001 (> 1980)	2	(6)
TR06(IDF) & TR16(FS).					
0985	<i>Cacoecimorpha pronubana</i>	GB Status: Local	Carnation Tortrix		
First/Last:	5 Jun (FS)/6 Sep (FS)		Ten-km Squares: 2001 (> 1980)	4	(15)

0986	<i>Syndemis musculana</i>	GB Status: Common			
First/Last:	15 May (FS)/27 May (PJB)		Ten-km Squares: 2001 (> 1980)	3	(13)
0987	<i>Ptycholomoides aeriferanus</i>	GB Status: Unknown			
First/Last:	1 Jul (PS)		Ten-km Squares: 2001 (> 1980)	1	(11)
0989	<i>Aphelia paleana</i>	GB Status: Unknown			
First/Last:	24 Jul (FS)/31 Jul (FS)		Ten-km Squares: 2001 (> 1980)	1	(13)
					Timothy Tortrix
0993	<i>Clepsis spectrana</i>	GB Status: Common			
First/Last:	5 Jun (FS, IH & PM)/28 Sep (IH)		Ten-km Squares: 2001 (> 1980)	4	(21)
0994	<i>Clepsis consimilana</i>	GB Status: Common			
First/Last:	20 Jun (FS)/28 Sep (FS)		Ten-km Squares: 2001 (> 1980)	6	(22)
	An exceptionally early example on 27 Apr (LC) at Canterbury; the species is said to be probably locally bivoltine, so it is plausible. Also a late example on 27 Oct (MPJ).				
0998	<i>Epiphyas postvittana</i>	GB Status: Unknown			
First/Last:	10 May (FS)/11 Dec (FS)		Ten-km Squares: 2001 (> 1980)	15	(16)
	Also a notably early example on 11 Feb (KP) at Tunbridge Wells. This is the most common species of micro-moth in my garden and in Buckingham Palace garden. I have noticed it swarming over ornamental shrubs in gardens at dusk. An article on the range expansion of this moth appeared in <i>Atropos</i> 14, pgs. 42-46.				
0999	<i>Adoxophyes orana</i>	GB Status: Nb			
First/Last:	20 Aug (FS)/23 Aug (FS)		Ten-km Squares: 2001 (> 1980)	2	(14)
					Summer Fruit Tortrix
1000	<i>Ptycholoma lecheana</i>	GB Status: Common			
First/Last:	13 Jun		Ten-km Squares: 2001 (> 1980)	1	(5)
	TR16(FS).				
1001	<i>Lozotaeniodes formosanus</i>	GB Status: Local			
First/Last:	27 Jun (FS)/19 Aug (FS)		Ten-km Squares: 2001 (> 1980)	4	(19)
1002	<i>Lozotaenia forsterana</i>	GB Status: Local			
First/Last:	3 Jun (PM)/13 Jul (FS)		Ten-km Squares: 2001 (> 1980)	8	(16)
	Also a late example on 10 Aug (PPH) at Longfield (determined by SPC).				
1006	<i>Epagoge grotiana</i>	GB Status: Local			
First/Last:	25 Jun		Ten-km Squares: 2001 (> 1980)	1	(13)
	TR16(FS).				
1007	<i>Capua vulgana</i>	GB Status: Common			
First/Last:	14 Jun (KP)/1 Jul (PS)		Ten-km Squares: 2001 (> 1980)	2	(8)
	TQ46(PS) & TQ53(KP).				
1010	<i>Ditula angustiorana</i>	GB Status: Common			
First/Last:	19 Jun (FS)/4 Aug (FS)		Ten-km Squares: 2001 (> 1980)	6	(23)
					Red-barred Tortrix
1011	<i>Pseudargyrotoza conwagana</i>	GB Status: Common			
First/Last:	24 May (FS)/23 Aug (FS)		Ten-km Squares: 2001 (> 1980)	5	(24)
1015	<i>Eulia ministrana</i>	GB Status: Common			
First/Last:	29 May (FS)		Ten-km Squares: 2001 (> 1980)	1	(10)
1016	<i>Cnephasia longana</i>	GB Status: Local			
First/Last:	25 Jul		Ten-km Squares: 2001 (> 1980)	1	(10)
	TQ94(KP).				
1018	<i>Cnephasia communana</i>	GB Status: Unknown			
First/Last:	5 Jun (KP)		Ten-km Squares: 2001 (> 1980)	1	(4)
	The one post-1980 record from Maidstone Museum is suspect and has been omitted from the distribution.				
1020	<i>Cnephasia stephensiana</i>	GB Status: Common			
First/Last:	20 Jun (FS)/13 Aug (FS)		Ten-km Squares: 2001 (> 1980)	2	(21)
					Grey Tortrix

1021	<i>Cnephasia asseclana</i>	GB Status: Common	Flax Tortrix		
First/Last:	11 Jun (PS)/8 Jul (FS)	Ten-km Squares:	2001 (> 1980)	2	(24)
1024	<i>Cnephasia incertana</i>	GB Status: Unknown	Light Grey Tortrix		
First/Last:	20 Jun (FS)/20 Jul (KP)	Ten-km Squares:	2001 (> 1980)	3	(15)
1025	<i>Tortricodes alternella</i>	GB Status: Unknown			
First/Last:	23 Jan (KP)/22 Feb (KP)	Ten-km Squares:	2001 (> 1980)	6	(13)
Also two late examples reported on 2 & 6 Apr (FS) from Kingsgate. I have two previous April records, from 1974 and 1979. FS had over 100 to light on 21 Feb at East Blean.					
1032	<i>Aleimma loeflingiana</i>	GB Status: Common			
First/Last:	25 Jun (FS)/2 Jul (IDF)	Ten-km Squares:	2001 (> 1980)	4	(17)
1033	<i>Tortrix viridana</i>	GB Status: Common	Green Oak Tortrix		
First/Last:	16 Jun (FS & PM)/27 Jul (KP)	Ten-km Squares:	2001 (> 1980)	16	(33)
1034	<i>Spatalistis bifasciana</i>	GB Status: Nb			
First/Last:	25 Jun	Ten-km Squares:	2001 (> 1980)	1	(3)
TR16(FS).					
1036	<i>Acleris forsskaleana</i>	GB Status: Unknown			
First/Last:	18 Jun (FS)/29 Aug (FS)	Ten-km Squares:	2001 (> 1980)	9	(25)
1037	<i>Acleris holmiana</i>	GB Status: Unknown			
First/Last:	27 Jul (FS)/15 Aug (FS)	Ten-km Squares:	2001 (> 1980)	2	(4)
1038	<i>Acleris laterana</i>	GB Status: Common			
First/Last:	11 Aug (KP)/6 Sep (FS)	Ten-km Squares:	2001 (> 1980)	2	(9)
1039	<i>Acleris comariana</i>	GB Status: Common	Strawberry Tortrix		
First/Last:	3 Jul (FS)/15 Oct (FS)	Ten-km Squares:	2001 (> 1980)	3	(15)
The first generation ended 20 Aug (MPJ).					
1041	<i>Acleris sparsana</i>	GB Status: Unknown			
First/Last:	30 Jul (MPJ)/12 Nov (OD)	Ten-km Squares:	2001 (> 1980)	5	(13)
Overwinters but none reported this year from the spring.					
1042	<i>Acleris rhombana</i>	GB Status: Unknown	Rhomboid Tortrix		
First/Last:	13 Aug (FS)/12 Oct (FS)	Ten-km Squares:	2001 (> 1980)	3	(14)
1043	<i>Acleris aspersana</i>	GB Status: Common			
First/Last:	24 Jul/27 Jul	Ten-km Squares:	2001 (> 1980)	2	(7)
TR36(FS) & TR37(FS).					
1045	<i>Acleris notana</i>	GB Status: Unknown			
First/Last:	30 Mar (KP)	Ten-km Squares:	2001 (> 1980)	1	(12)
1048	<i>Acleris variegana</i>	GB Status: Common	Garden Rose Tortrix		
First/Last:	13 Jun (IDF)/29 Oct (FS)	Ten-km Squares:	2001 (> 1980)	10	(22)
1050	<i>Acleris kochiella</i>	GB Status: Unknown			
First/Last:	24 Jul/3 Aug	Ten-km Squares:	2001 (> 1980)	2	(4)
TR36(FS) & TR37(FS).					
1053	<i>Acleris hastiana</i>	GB Status: Local			
First/Last:	28 Sep (FS)	Ten-km Squares:	2001 (> 1980)	1	(10)
1054	<i>Acleris cristana</i>	GB Status: Local			
First/Last:	14 Mar (FS)/29 Oct (FS)	Ten-km Squares:	2001 (> 1980)	3	(13)
The last of the overwintering generation was seen on 29 May (KP).					
1062	<i>Acleris emargana</i>	GB Status: Common			
First/Last:	11 Sep (PJB)/10 Oct (FS)	Ten-km Squares:	2001 (> 1980)	2	(10)

1063	<i>Celypha striana</i>	GB Status: Common			
First/Last:	5 Jun (PS)/19 Aug (FS)	Ten-km Squares:	2001 (> 1980)	7	(18)
1076	<i>Celypha lacunana</i>	GB Status: Common			
First/Last:	27 May (FS)/5 Sep (FS)	Ten-km Squares:	2001 (> 1980)	16	(41)
1082	<i>Hedya pruniana</i>	GB Status: Common	Plum Tortrix		
First/Last:	29 May (FS)/14 Jul (FS)	Ten-km Squares:	2001 (> 1980)	3	(17)
1083	<i>Hedya nubiferana</i>	GB Status: Common	Marbled Orchard Tortrix		
First/Last:	15 May (MPJ)/25 Aug (MPJ)	Ten-km Squares:	2001 (> 1980)	8	(28)
1087	<i>Orthotaenia undulana</i>	GB Status: Unknown			
First/Last:	13 Jun	Ten-km Squares:	2001 (> 1980)	1	(6)
	TR16(FS).				
1088	<i>Pseudosciaphila branderiana</i>	GB Status: Local			
First/Last:	29 Jun	Ten-km Squares:	2001 (> 1980)	1	(5)
	TQ94(KP).				
1093	<i>Apotomis betuletana</i>	GB Status: Unknown			
First/Last:	6 Sep (KP)	Ten-km Squares:	2001 (> 1980)	1	(15)
1097	<i>Endothenia gentianaeana</i>	GB Status: Unknown			
First/Last:	Larva	Ten-km Squares:	2001 (> 1980)	1	(9)
	TQ54(IDF).				
1108	<i>Lobesia abscisana</i>	GB Status: Unknown			
First/Last:	28 Jul	Ten-km Squares:	2001 (> 1980)	1	(14)
	TR06(JP).				
1109	<i>Lobesia littoralis</i>	GB Status: Local			
First/Last:	14 Jul (FS)/5 Sep (FS)	Ten-km Squares:	2001 (> 1980)	2	(7)
1111	<i>Bactra lancealana</i>	GB Status: Common			
First/Last:	25 Jun	Ten-km Squares:	2001 (> 1980)	1	(16)
	TR16(FS).				
1113	<i>Eudemis profundana</i>	GB Status: Unknown			
First/Last:	20 Jul (FS)/28 Jul (JP)	Ten-km Squares:	2001 (> 1980)	3	(11)
	TQ46(KP), TR06(JP) & TR37(FS).				
1115	<i>Ancylis achatana</i>	GB Status: Local			
First/Last:	21 Jun (FS)/22 Jul (FS)	Ten-km Squares:	2001 (> 1980)	3	(15)
1122	<i>Ancylis obtusana</i>	GB Status: Unknown			
First/Last:	13 Jun	Ten-km Squares:	2001 (> 1980)	1	(2)
	TR16(FS).				
1126	<i>Ancylis badiana</i>	GB Status: Unknown			
First/Last:	15 Aug (KP)	Ten-km Squares:	2001 (> 1980)	1	(13)
1133	<i>Epinotia bilunana</i>	GB Status: Common			
First/Last:	27 Jun (FS)	Ten-km Squares:	2001 (> 1980)	1	(16)
1136	<i>Epinotia immundana</i>	GB Status: Unknown			
First/Last:	Not reported (ILB)	Ten-km Squares:	2001 (> 1980)	1	(10)
1137	<i>Epinotia tetraquetrana</i>	GB Status: Unknown			
First/Last:	Not reported	Ten-km Squares:	2001 (> 1980)	1	(5)
	TQ47(ILB).				
1138	<i>Epinotia nisella</i>	GB Status: Local			
First/Last:	11 Aug (SPC)/17 Aug (MPJ)	Ten-km Squares:	2001 (> 1980)	2	(16)

1150	<i>Epipotia abbreviana</i>	GB Status: Unknown			
	First/Last: 1 Jul		Ten-km Squares: 2001 (> 1980)	1	(8)
	TR37(FS).				
1154	<i>Epipotia caprana</i>	GB Status: Common			
	First/Last: 11 Aug		Ten-km Squares: 2001 (> 1980)	1	(2)
	TR01(SPC). The sole Maidstone Museum record dates from 1979.				
1155	<i>Epipotia brunnichana</i>	GB Status: Local			
	First/Last: 27 Jul (KP)		Ten-km Squares: 2001 (> 1980)	1	(8)
1159	<i>Rhopobota naevana</i>	GB Status: Unknown	Holly Tortrix		
	First/Last: 3 Jul (KP)		Ten-km Squares: 2001 (> 1980)	1	(13)
1165	<i>Zeiraphera isertana</i>	GB Status: Common			
	First/Last: 6 Jul		Ten-km Squares: 2001 (> 1980)	1	(14)
	TQ86(OD).				
1167	<i>Gypsonoma aceriana</i>	GB Status: Local			
	First/Last: 25 Jul (KP)		Ten-km Squares: 2001 (> 1980)	1	(3)
1168	<i>Gypsonoma sociana</i>	GB Status: Local			
	First/Last: 25 Jul		Ten-km Squares: 2001 (> 1980)	1	(7)
	TQ94(KP).				
1169	<i>Gypsonoma dealbana</i>	GB Status: Local			
	First/Last: 25 Jun (FS)/28 Jul (JP)		Ten-km Squares: 2001 (> 1980)	4	(20)
1174	<i>Epiblema cynosbatella</i>	GB Status: Common			
	First/Last: 27 May (KP)/13 Jul (FS)		Ten-km Squares: 2001 (> 1980)	7	(14*)
1175	<i>Epiblema uddmanniana</i>	GB Status: Common	Bramble Shoot Moth		
	First/Last: 9 Jun (FS)/27 Jul (FS & KP)		Ten-km Squares: 2001 (> 1980)	11	(22*)
1176	<i>Epiblema trimaculana</i>	GB Status: Unknown			
	First/Last: 5 Jun		Ten-km Squares: 2001 (> 1980)	1	(9)
	TR36(FS).				
1177	<i>Epiblema rosaecolana</i>	GB Status: Local			
	First/Last: 2 Jul (PS)		Ten-km Squares: 2001 (> 1980)	1	(7*)
1178	<i>Epiblema roborana</i>	GB Status: Unknown			
	First/Last: 27 Jul (KP)		Ten-km Squares: 2001 (> 1980)	1	(5*)
1183	<i>Epiblema foenella</i>	GB Status: Local			
	First/Last: 4 Jul (FS & IH)/13 Aug (FS)		Ten-km Squares: 2001 (> 1980)	6	(12*)
1184	<i>Epiblema scutulana</i>	GB Status: Common			
	First/Last: 5 Jun		Ten-km Squares: 2001 (> 1980)	1	(8)
	TR36(FS).				
1188	<i>Pelochrista caecimaculana</i>	GB Status: Nb			
	First/Last: 14 Jul		Ten-km Squares: 2001 (> 1980)	1	(2)
	TR37(FS).				
1192	<i>Eucosma conterminana</i>	GB Status: Nb			
	First/Last: 5 Jul/14 Aug		Ten-km Squares: 2001 (> 1980)	1	(4)
	TR36(FS).				
1193	<i>Eucosma tripoliana</i>	GB Status: Unknown			
	First/Last: 28 Jul (JP)		Ten-km Squares: 2001 (> 1980)	1	(7)
1196	<i>Eucosma metzneriana</i>	GB Status: Migrant			
	First/Last: 1 Jul (AGJB)		Ten-km Squares: 2001 (> 1980)	1	(2*)
	Isle of Grain. Two further records in 2001, and another nearby from 1993, may indicate a local colony.				

1197	<i>Eucosma campoliliana</i>	GB Status: Common			
First/Last:	2 Jul (IH)/14 Aug (FS)	Ten-km Squares:	2001 (> 1980)	4	(6*)
1199	<i>Eucosma pupillana</i>	GB Status: Nb			
First/Last:	8 Jul (FS)/11 Aug (FS)	Ten-km Squares:	2001 (> 1980)	2	(2*)
1200	<i>Eucosma hohenwartiana</i>	GB Status: Unknown			
First/Last:	4 Jul/16 Jul TR37(FS).	Ten-km Squares:	2001 (> 1980)	1	(4*)
1201	<i>Eucosma cana</i>	GB Status: Common			
First/Last:	13 Jun (FS)/28 Jul (JP)	Ten-km Squares:	2001 (> 1980)	4	(12*)
1204	<i>Thiodia citrana</i>	GB Status: Local			
First/Last:	8 Jul (FS)/30 Jul (FS)	Ten-km Squares:	2001 (> 1980)	1	(4)
1205	<i>Spilonota ocellana</i>	GB Status: Common	Bud Moth		
First/Last:	18 Jun (FS)/13 Aug (FS)	Ten-km Squares:	2001 (> 1980)	6	(11*)
1210	<i>Rhyacionia buoliana</i>	GB Status: Unknown	Pine Shoot Moth		
First/Last:	20 Jun (PM)/4 Aug (FS) TR36(FS & PM).	Ten-km Squares:	2001 (> 1980)	1	(9)
1211	<i>Rhyacionia pinicolana</i>	GB Status: Unknown			
First/Last:	23 Jul TQ46(IDF).	Ten-km Squares:	2001 (> 1980)	1	(3)
1216	<i>Enarmonia formosana</i>	GB Status: Unknown	Cherry Bark Moth		
First/Last:	21 Jun (FS)/3 Jul (RT) TQ75(RT) & TR36(FS).	Ten-km Squares:	2001 (> 1980)	2	(3*)
1219	<i>Lathronympha strigana</i>	GB Status: Common			
First/Last:	5 Aug TQ46(PS).	Ten-km Squares:	2001 (> 1980)	1	(8*)
1233	<i>Pammene aurita</i>	GB Status: Unknown			
First/Last:	29 Jul (RT)/15 Aug (KP)	Ten-km Squares:	2001 (> 1980)	3	(7)
1234	<i>Pammene regiana</i>	GB Status: Common			
First/Last:	22 May (RT)/1 Jul (PS)	Ten-km Squares:	2001 (> 1980)	3	(6*)
1235	<i>Pammene trauniana</i>	GB Status: pRDB3			
First/Last:	Not stated TQ47(ILB). Bexley is one of five known old localities for this moth. Recent records from Trottscliffe and Wilmington.	Ten-km Squares:	2001 (> 1980)	1	(1*)
1241	<i>Grapholita compositella</i>	GB Status: Local			
First/Last:	19 Jun/24 Jun TR36(FS) & TR37(FS).	Ten-km Squares:	2001 (> 1980)	2	(10)
1245	<i>Grapholita janthinana</i>	GB Status: Unknown			
First/Last:	27 Jul TQ64(KP).	Ten-km Squares:	2001 (> 1980)	1	(2)
1251	<i>Grapholita jungiella</i>	GB Status: Unknown			
First/Last:	8 May TR36(FS).	Ten-km Squares:	2001 (> 1980)	1	(4)
1255	<i>Cydia succedana</i>	GB Status: Common			
First/Last:	10 May (FS)	Ten-km Squares:	2001 (> 1980)	1	(9)
1220	<i>Cydia microgrammana</i>	GB Status: Nb			
First/Last:	28 Jun TR37(FS).	Ten-km Squares:	2001 (> 1980)	1	(2)
1259	<i>Cydia fagiglandana</i>	GB Status: Unknown			
First/Last:	22 Jul (PS)/20 Aug (KP)	Ten-km Squares:	2001 (> 1980)	3	(10)

1260 *Cydia splendana* GB Status: Common
 First/Last: 29 Jun (FS)/11 Sep (KP) Ten-km Squares: 2001 (> 1980) 9 (16*)

1261 *Cydia pomonella* GB Status: Common **Codling Moth**
 First/Last: 23 Jun (KP)/1 Sep (MPJ) Ten-km Squares: 2001 (> 1980) 13 (20*)
 Also two early records, 28 May (IDF) and 14 Jun (MC). I have one other May record, for 23 May 1989 and even one for 20 Apr for an insect supposed to occur in Jul/Aug. If correct, they may arise from apples stored inside, etc. The obvious candidate for confusion is the preceding species – but that does not fly then either!

1274 *Dichrorampha alpinana* GB Status: Local
 First/Last: 22 Jul (FS)/27 Jul (FS) Ten-km Squares: 2001 (> 1980) 2 (7)

1279 *Dichrorampha acuminatana* GB Status: Unknown
 First/Last: 11 Aug Ten-km Squares: 2001 (> 1980) 1 (4)
 TQ67(DA).

1281 *Dichrorampha simpliciana* GB Status: Local
 First/Last: 23 Aug Ten-km Squares: 2001 (> 1980) 1 (5)
 TR36(FS).

ALUCITIDAE (1 species)

1288 *Alucita hexadactyla* GB Status: Common **Twenty-plume Moth**
 First/Last: 9 Jan (KP)/16 Nov (DD) Ten-km Squares: 2001 (> 1980) 14 (20)
 Overwinters. The last spring example was seen 29 May (FS). The summer generation commenced on 1 Jul (TS).

PYRALIDAE (109 species)

1289 *Euchromius ocella* GB Status: Migrant
 First/Last: 23 Aug/25 Aug Ten-km Squares: 2001 (> 1980) 1 (3)
 TRO2(KR).

1290 *Chilo phragmitella* GB Status: Local
 First/Last: 19 Jun (KR)/25 Aug (KR) Ten-km Squares: 2001 (> 1980) 8 (12*)

1291 *Haimbachia cicatricella* GB Status: Vagrant
 First/Last: 28 Jul (JO) Ten-km Squares: 2001 (> 1980) 1 (3*)
 All nine previous British records are from East Kent.

1292 *Calamotropha paludella* GB Status: Nb
 First/Last: 30 Jun (FS)/25 Aug (DW) Ten-km Squares: 2001 (> 1980) 6 (13*)

1293 *Chrysoteuchia culmella* GB Status: Common **Garden Grass-veneer**
 First/Last: 26 May (FS)/26 Aug (SPC) Ten-km Squares: 2001 (> 1980) 27 (40*)

1294 *Crambus pascuella* GB Status: Common
 First/Last: 11 Jun (BBo)/18 Aug (FS) Ten-km Squares: 2001 (> 1980) 15 (27*)

1301 *Crambus lathoniellus* GB Status: Common
 First/Last: 29 May (FS)/11 Aug (IDF) Ten-km Squares: 2001 (> 1980) 12 (25*)

1302 *Crambus perlella* GB Status: Common
 First/Last: 19 Jun (FS)/26 Aug (TS) Ten-km Squares: 2001 (> 1980) 20 (35*)
 Also, FS reported some rather late specimens, to 11 Sep.

1303 *Agriphila selasella* GB Status: Local
 First/Last: 28 Jul (BBo, JP & KR)/7 Sep (KR) Ten-km Squares: 2001 (> 1980) 6 (13*)

1304 *Agriphila straminella* GB Status: Common
 First/Last: 14 Jun (PS)/31 Aug (KR) Ten-km Squares: 2001 (> 1980) 20 (35*)

1305 *Agriphila tristella* GB Status: Common
 First/Last: 6 Jul (KP)/21 Sep (SPC) Ten-km Squares: 2001 (> 1980) 24 (36*)

1306	<i>Agriphila inquinatella</i>	GB Status: Common			
	First/Last: 23 Jul (BBa)/11 Sep (TS)		Ten-km Squares: 2001 (> 1980)	7	(17*)
	Also a late example on 30 Sep (KR).				
1307	<i>Agriphila latistria</i>	GB Status: Local			
	First/Last: 14 Aug (FS)/5 Sep (FS)		Ten-km Squares: 2001 (> 1980)	6	(9*)
	Two examples reported away from the usual sites, one in a suitable habitat but the other on chalk.				
1309	<i>Agriphila geniculea</i>	GB Status: Common			
	First/Last: 22 Jul (FS & TS)/25 Sep (DW)		Ten-km Squares: 2001 (> 1980)	20	(28*)
1313	<i>Catoptria pinella</i>	GB Status: Local			
	First/Last: 7 Jul (BBa)/14 Aug (KR)		Ten-km Squares: 2001 (> 1980)	8	(19*)
1316	<i>Catoptria falsella</i>	GB Status: Local			
	First/Last: 25 Jun (KR)/31 Aug (KR)		Ten-km Squares: 2001 (> 1980)	9	(22*)
1317	<i>Catoptria verellus</i>	GB Status: Migrant			
	First/Last: 5 Jul		Ten-km Squares: 2001 (> 1980)	1	(1*)
	TR02(KR). A discussion of the history of this moth is in Atropos 14, pgs. 46-47.				
1323	<i>Pediasia contaminella</i>	GB Status: Nb			
	First/Last: 2 Jul (BBa)/13 Aug (FS)		Ten-km Squares: 2001 (> 1980)	4	(4)
	Also a notably late example on 17 Sep (KR).				
1324	<i>Pediasia aridella</i>	GB Status: Nb			
	First/Last: 20 Jun (FS)/28 Jul (JP)		Ten-km Squares: 2001 (> 1980)	2	(5)
1325	<i>Platytes alpinella</i>	GB Status: pRDB3			
	First/Last: 11 Aug (SPC)/7 Sep (GL)		Ten-km Squares: 2001 (> 1980)	4	(10)
	This moth is resident in four squares, around the sandhills near Sandwich and on the sand/shingle around Dungeness.				
1326	<i>Platytes cerussella</i>	GB Status: Local			
	First/Last: 14 Jun (KR)/18 Jul (DW)		Ten-km Squares: 2001 (> 1980)	3	(5)
1328	<i>Schoenobius gigantella</i>	GB Status: Nb			
	First/Last: 25 Jun (PM)/25 Aug (GL)		Ten-km Squares: 2001 (> 1980)	6	(10)
1329	<i>Donacaula forficella</i>	GB Status: Local			
	First/Last: 11 Jun (SPC)/26 Aug (BBa)		Ten-km Squares: 2001 (> 1980)	5	(12)
1332	<i>Scoparia subfusca</i>	GB Status: Common			
	First/Last: 13 Jun (PM)/15 Aug (KR)		Ten-km Squares: 2001 (> 1980)	8	(15*)
1333	<i>Scoparia pyralella</i>	GB Status: Common			
	First/Last: 29 May (KR)/9 Jul (DD & DW)		Ten-km Squares: 2001 (> 1980)	8	(17*)
	Also a late example on 12 Aug (MPJ).				
1334	<i>Scoparia ambigualis</i>	GB Status: Common			
	First/Last: 25 May (TS)/13 Aug (FS)		Ten-km Squares: 2001 (> 1980)	19	(32*)
	Emmet (1988) states this moth flies in May and Jun. Goater (1986) gives the same but adds that the northern form <i>atomalis</i> flies Jul and Aug. Palm (1986) gives Jun and Jul for Denmark. There are several similar species, including 1340 <i>E. truncicolella</i> , yet even experienced observers consistently report this moth from May to Aug. The species would appear to have changed its habits since the mid-eighties.				
1334a	<i>Scoparia basistrigalis</i>	GB Status: Common			
	First/Last: 20 Jun (FS)/29 Jul (FS)		Ten-km Squares: 2001 (> 1980)	5	(10*)
1338	<i>Dipleurina lacustrata</i>	GB Status: Unknown			
	First/Last: 27 Jun (FS)/28 Jul (FS)		Ten-km Squares: 2001 (> 1980)	3	(15)
	<i>Eudonia crataegella</i> in older books.				
1336	<i>Eudonia pallida</i>	GB Status: Local			
	First/Last: 19 Jun (DW)/11 Sep (BBa)		Ten-km Squares: 2001 (> 1980)	4	(10*)

1341	<i>Eudonia lineola</i>	GB Status: Nb			
First/Last:	8 Jul (SPC)/6 Aug (DW)		Ten-km Squares: 2001 (> 1980)	2	(3)
1342	<i>Eudonia angustea</i>	GB Status: Common			
First/Last:	29 Apr (KR)/24 Nov (SPC)		Ten-km Squares: 2001 (> 1980)	10	(16*)
Overwinters from Sep to May and "occurs also sparingly in the summer months" (Emmet, 1988). It is now more or less continuous in appearance so I have not attempted to distinguish the various broods.					
1344	<i>Eudonia mercurella</i>	GB Status: Common			
First/Last:	11 Jun (FS, PM, PS & SPC)/2 Sep (DD)		Ten-km Squares: 2001 (> 1980)	20	(35*)
1331	<i>Acentria ephemerella</i>	GB Status: Common		Water Veneer	
First/Last:	30 Jun (PS)/30 Aug (TS)		Ten-km Squares: 2001 (> 1980)	11	(27*)
Also a late example, although within the usual range, on 1 Oct (SPC).					
1345	<i>Elophila nymphaeata</i>	GB Status: Common		Brown China -mark	
First/Last:	20 Jun (IH)/3 Sep (KR)		Ten-km Squares: 2001 (> 1980)	7	(20*)
1348	<i>Parapoynx stratiotata</i>	GB Status: Common		Ringed China -mark	
First/Last:	31 May (PM)/5 Sep (IH)		Ten-km Squares: 2001 (> 1980)	11	(19*)
Also a late example on 25 Sep (KR).					
1350	<i>Nymphula stagnata</i>	GB Status: Common		Beautiful China Mark	
First/Last:	26 Jun (IH)/29 Aug (JSB)		Ten-km Squares: 2001 (> 1980)	2	(10)
1354	<i>Cataclysta lemnata</i>	GB Status: Common		Small China-mark	
First/Last:	27 May (IH)/5 Sep (KR)		Ten-km Squares: 2001 (> 1980)	11	(20*)
1356	<i>Evergestis forficalis</i>	GB Status: Common		Garden Pebble	
First/Last:	16 May (FS)/14 Sep (OD)		Ten-km Squares: 2001 (> 1980)	17	(26*)
The last of the first brood seen 28 Jul (TS) and the first of the second on 8 Aug (DD).					
1356a	<i>Evergestis limbata</i>	GB Status: Vagrant/Accidental			
First/Last:	6 Jul		Ten-km Squares: 2001 (> 1980)	1	(1*)
TR02(KR). The second example from Lydd.					
1357	<i>Evergestis extimalis</i>	GB Status: Nb			
First/Last:	29 Jun (BBa)/6 Sep (FS)		Ten-km Squares: 2001 (> 1980)	5	(7*)
1358	<i>Evergestis pallidata</i>	GB Status: Local			
First/Last:	21 Jul (PJB)/11 Sep (KR)		Ten-km Squares: 2001 (> 1980)	7	(16*)
1359	<i>Cynaeda dentalis</i>	GB Status: pRDB3			
First/Last:	19 Jun (DW)/11 Sep (KR)		Ten-km Squares: 2001 (> 1980)	3	(3)
I have records ranging from 5 Jun (SPC in 1997) to 11 Sep, a much longer flight time than Jul quoted in books. Suspect there is a partial second brood with small specimens occurring into October.					
1361	<i>Pyrausta aurata</i>	GB Status: Local			
First/Last:	10 May (PPH)/6 Sep (FS)		Ten-km Squares: 2001 (> 1980)	25	(31*)
The first generation finished about 1 Jul (AGJB & TS) and the second commenced 20 Jul (KP). Specimen on 8 Jul (FS) was probably a late first brood but could have been either.					
1362	<i>Pyrausta purpuralis</i>	GB Status: Local			
First/Last:	3 Jun (FS)/4 Sep (BBe)		Ten-km Squares: 2001 (> 1980)	10	(24*)
1366	<i>Pyrausta nigrata</i>	GB Status: Local			
First/Last:	28 Jul (TS)		Ten-km Squares: 2001 (> 1980)	1	(8)
1368	<i>Loxostege sticticalis</i>	GB Status: Appendix (extinct)			
First/Last:	21 Sep (GL)/28 Sep (FS & KR)		Ten-km Squares: 2001 (> 1980)	5	(7)
TQ87(AGJB on 24 & 25 Sep at Grain), TR01(GL at Dungeness), TR02(KR at Lydd and BBa had an early example on 30 Jul at Greatstone), TR24(TR on 25 Sep near Dover), TR37(FS on 23, 24 & 28 Sep at Kingsgate). Nine examples in one year is exceptional – doubling the number over the previous 20 years. A migrant in Kent, formally resident in the brecklands.					

1370	<i>Sitochroa palealis</i>	GB Status: Nb			
First/Last:	7 Jul (LC)/13 Aug (KR)		Ten-km Squares: 2001 (> 1980)	4	(19)
1373	<i>Paratalanta pandalis</i>	GB Status: Na			
First/Last:	3 Jun		Ten-km Squares: 2001 (> 1980)	1	(1)
	TR15(FS).				
1374	<i>Paratalanta hyalinalis</i>	GB Status: Nb			
First/Last:	14 Jul (KP & TS)		Ten-km Squares: 2001 (> 1980)	1	(3)
	Still only regularly recorded from the one site. Last seen at the other two sites in 1984.				
1375	<i>Ostrinia nubilalis</i>	GB Status: Local			
First/Last:	11 Jun (AGJB)/25 Aug (KR)		Ten-km Squares: 2001 (> 1980)	13	(25*)
					European Corn Borer
1376	<i>Eurrhynx hortulata</i>	GB Status: Common			
First/Last:	26 May (PM)/24 Sep (MC)		Ten-km Squares: 2001 (> 1980)	27	(42*)
					Small Magpie
1377	<i>Perinephela lancealis</i>	GB Status: Common			
First/Last:	23 Jun (TS)/11 Aug (IRC)		Ten-km Squares: 2001 (> 1980)	9	(18*)
1378	<i>Phlyctaenia coronata</i>	GB Status: Unknown			
First/Last:	12 Jun (TS)/29 Aug (FS)		Ten-km Squares: 2001 (> 1980)	20	(32*)
1380	<i>Phlyctaenia perlucidalis</i>	GB Status: Local			
First/Last:	4 Jun (AGJB)/7 Jul (TS)		Ten-km Squares: 2001 (> 1980)	4	(6*)
1382	<i>Anania verbascalis</i>	GB Status: Nb			
First/Last:	24 Jul (SPC)/29 Jul (FS)		Ten-km Squares: 2001 (> 1980)	3	(11*)
1385	<i>Ebulea crocealis</i>	GB Status: Common			
First/Last:	4 Jul (SPC)/24 Aug (AGJB)		Ten-km Squares: 2001 (> 1980)	4	(7*)
1386	<i>Opsibotys fuscalis</i>	GB Status: Common			
First/Last:	29 May (FS)/29 Jul (FS)		Ten-km Squares: 2001 (> 1980)	3	(8*)
1390	<i>Udea prunalis</i>	GB Status: Common			
First/Last:	13 Jun (AGJB)/13 Aug (DW)		Ten-km Squares: 2001 (> 1980)	13	(20*)
1392	<i>Udea olivalis</i>	GB Status: Common			
First/Last:	30 May (GHZ)/11 Aug (ML)		Ten-km Squares: 2001 (> 1980)	21	(37*)
1395	<i>Udea ferrugalis</i>	GB Status: Migrant			
First/Last:	12 Jun (IH)/30 Nov (AGJB)		Ten-km Squares: 2001 (> 1980)	13	(24*)
	There appeared to be two influxes, the first ending 18 Jul (TS) and the second commencing 11 Aug (NJ).				
1398	<i>Nomophila noctuella</i>	GB Status: Migrant			
First/Last:	15 May (PS)/27 Oct (DW & FS)		Ten-km Squares: 2001 (> 1980)	12	(39*)
	There were several gaps in the phenology graph and it is not clear which, if any, represented different generations.				
1399	<i>Dolicharthria punctalis</i>	GB Status: Nb			
First/Last:	29 Jun (DW)/26 Jul (KR)		Ten-km Squares: 2001 (> 1980)	2	(4*)
1403a	<i>Duponchelia fovealis</i>	GB Status: Adventive			
First/Last:	3 Oct		Ten-km Squares: 2001 (> 1980)	1	(1*)
	TR15(MJT). First Kent record, from Canterbury. SPC has the voucher specimen. First UK record was in 1996				
1405	<i>Pleuroptya ruralis</i>	GB Status: Common			
First/Last:	1 Jul (BBa)/28 Sep (PJB)		Ten-km Squares: 2001 (> 1980)	29	(42*)
	KP had 35 to light on 14 Aug at Crockenhill.				
1408	<i>Palpita vitrealis</i>	GB Status: Migrant			
First/Last:	28 Sep (KR)/31 Oct (PM)		Ten-km Squares: 2001 (> 1980)	4	(6*)
1410	<i>Agrotera nemoralis</i>	GB Status: pRDB1			
First/Last:	25 Jun (FS)		Ten-km Squares: 2001 (> 1980)	1	(2*)
	Confirming its continuing presence at its last remaining UK location.				

1413	<i>Hypsopygia costalis</i>	GB Status: Common	Gold Triangle		
First/Last:	14 Jun (PJB)/22 Oct (PM)		Ten-km Squares: 2001 (> 1980)	21	(38*)
Goater (1986) states Jul/Aug while Emmet (1988) gives Apr/Nov. My data ranges from 8 May (2000, SPC) to 29 Oct (1999, IL). Examples in Sep (five this year) and Oct (six) appear to be a partial brood overlapping with the main one.					
1414	<i>Synaphe punctalis</i>	GB Status: Nb			
First/Last:	16 Jun (PM)/27 Aug (GL)		Ten-km Squares: 2001 (> 1980)	6	(9*)
1415	<i>Orthopygia glaucinalis</i>	GB Status: Common			
First/Last:	25 Jun (GHZ)/20 Oct (OD)		Ten-km Squares: 2001 (> 1980)	11	(21*)
The regular generation ended 13 Aug (FS). One appeared 11 Sep (TS) and a small batch from 13 Oct (BBo & MPJ).					
1417	<i>Pyralis farinalis</i>	GB Status: Common	Meal Moth		
First/Last:	11 Jun (PM)/22 Oct (TS)		Ten-km Squares: 2001 (> 1980)	10	(20)
1421	<i>Aglossa pinguinalis</i>	GB Status: Local	Large Tabby		
First/Last:	7 Jun (FS)/15 Aug (FS)		Ten-km Squares: 2001 (> 1980)	5	(13)
1424	<i>Endotricha flammealis</i>	GB Status: Common			
First/Last:	24 Jun (DW)/31 Aug (FS)		Ten-km Squares: 2001 (> 1980)	28	(40*)
Also a very late specimen on 2 Oct (SPC).					
1425	<i>Galleria mellonella</i>	GB Status: Local	Wax Moth		
First/Last:	25 Jun (TR)/19 Oct (KR)		Ten-km Squares: 2001 (> 1980)	13	(22)
1426	<i>Achroia grisella</i>	GB Status: Common	Lesser Wax Moth		
First/Last:	4 Aug (FS)/2 Sep (KR)		Ten-km Squares: 2001 (> 1980)	3	(8)
1428	<i>Aphomia sociella</i>	GB Status: Common	Bee Moth		
First/Last:	26 May (IDF)/25 Aug (MPJ)		Ten-km Squares: 2001 (> 1980)	23	(38*)
Also one late specimen on 27 Sep (OD).					
1429	<i>Aphomia zelleri</i>	GB Status: pRDB3			
First/Last:	27 Jun (ABI)/17 Aug (GL)		Ten-km Squares: 2001 (> 1980)	2	(7)
1432	<i>Anerastia lotella</i>	GB Status: Local			
First/Last:	19 Jun (FS)/14 Aug (FS)		Ten-km Squares: 2001 (> 1980)	2	(4)
Both Goater (1986) and Emmet (1988) give Jul but I consistently get records for Jun, Jul and most of Aug.					
1433	<i>Cryptoblabes bistriga</i>	GB Status: Local			
First/Last:	22 Jul (SPC)/6 Aug (PM)		Ten-km Squares: 2001 (> 1980)	2	(13)
1435	<i>Conobathra tumidana</i>	GB Status: Migrant			
First/Last:	27 Jul (FS)/21 Aug (KR)		Ten-km Squares: 2001 (> 1980)	3	(3)
1436	<i>Conobathra repandana</i>	GB Status: Common			
First/Last:	25 Jun (FS)/10 Aug (MAEb)		Ten-km Squares: 2001 (> 1980)	10	(18)
1437	<i>Acrobasis consociella</i>	GB Status: Common			
First/Last:	5 Jul (SPC)/31 Jul (SPC)		Ten-km Squares: 2001 (> 1980)	3	(10*)
1438	<i>Trachycera suavella</i>	GB Status: Unknown			
First/Last:	4 Jul (KR)/20 Aug (FS)		Ten-km Squares: 2001 (> 1980)	6	(10)
1439	<i>Trachycera advenella</i>	GB Status: Local			
First/Last:	1 Jul (AGJB & PS)/5 Sep (KR)		Ten-km Squares: 2001 (> 1980)	12	(28*)
1440	<i>Trachycera marmorea</i>	GB Status: Local			
First/Last:	8 Jun (KR)/6 Aug (KR)		Ten-km Squares: 2001 (> 1980)	2	(6*)
1441	<i>Oncocera semirubella</i>	GB Status: Nb			
First/Last:	15 Jun (ABI)/1 Aug (FS)		Ten-km Squares: 2001 (> 1980)	6	(14)
A notably late example from 6 Oct (AGJB), shown at the BENHS exhibition, may indicate a partial second generation.					

1443	<i>Pempelia genistella</i>	GB Status: Na			
First/Last:	14 Jun (KR)/25 Aug (DW)		Ten-km Squares: 2001 (> 1980)	3	(4)
Both Goater (1986) and Emmet (1988) give Jul. I regularly get records for Jul and Aug.					
1444	<i>Pempelia obductella</i>	GB Status: pRDB2			
First/Last:	20 Jul (KP)		Ten-km Squares: 2001 (> 1980)	1	(9)
1445	<i>Pempelia formosa</i>	GB Status: Local			
First/Last:	24 Jun (BBa)/26 Jul (BBa)		Ten-km Squares: 2001 (> 1980)	2	(7*)
1447a	<i>Sciota adelphella</i>	GB Status: Colonist			
First/Last:	29 Jun (SPC)/29 Jul (KR & SPC)		Ten-km Squares: 2001 (> 1980)	2	(4)
1452	<i>Phycita roborella</i>	GB Status: Common			
First/Last:	6 Jul (OD)/24 Aug (FS)		Ten-km Squares: 2001 (> 1980)	13	(27*)
1454	<i>Dioryctria abietella</i>	GB Status: Naturalised Resident & Migrant			
First/Last:	19 Jun (KR)/31 Jul (BBa)		Ten-km Squares: 2001 (> 1980)	8	(17)
1454a	<i>Dioryctria schuetzeella</i>	GB Status: Naturalised Resident & Migrant			
First/Last:	4 Jul (JHC)		Ten-km Squares: 2001 (> 1980)	1	(4)
1455	<i>Dioryctia simplicella</i> (mutatella)	GB Status: Naturalised			
First/Last:	10 Jul (JSB)		Ten-km Squares: 2001 (> 1980)	1	(7)
Normally on the wing Jul to Sep; I have two dates in May and one in Jun (all KR) for earlier years.					
1457	<i>Hypochalcia ahenella</i>	GB Status: Local			
First/Last:	8 Jun (FS)/6 Jul (FS)		Ten-km Squares: 2001 (> 1980)	1	(6*)
1458	<i>Myelois circumvoluta</i>	GB Status: Local	Thistle Ermine		
First/Last:	29 May (KR)/22 Aug (ML)		Ten-km Squares: 2001 (> 1980)	14	(31*)
1463	<i>Pempeliella ornatella</i>	GB Status: pRDB3			
First/Last:	13 Aug (TR)		Ten-km Squares: 2001 (> 1980)	1	(2)
1464	<i>Gymnancyla canella</i>	GB Status: Na			
First/Last:	1 Jul (BBa)/2 Aug (SPC)		Ten-km Squares: 2001 (> 1980)	2	(5)
1464a	<i>Zophodia grossulariella</i>	GB Status: Adventive			
First/Last:	21 May		Ten-km Squares: 2001 (> 1980)	1	(2*)
TR34 (NJ at Kingsdown). Third British record. The first was from Kent in 1982.					
1465	<i>Nephopterix angustella</i>	GB Status: Nb			
First/Last:	21 Aug (AGJB)/30 Aug (SPC)		Ten-km Squares: 2001 (> 1980)	3	(9)
1467	<i>Ancylosis oblitella</i>	GB Status: Nb			
First/Last:	22 Jul (FS)/30 Aug (KR)		Ten-km Squares: 2001 (> 1980)	2	(10)
TRO2(KR) & TR37(FS).					
1469	<i>Euzophera cinerosella</i>	GB Status: Nb			
First/Last:	26 Jun (FS)/5 Jul (FS)		Ten-km Squares: 2001 (> 1980)	1	(4)
1470	<i>Euzophera pinguis</i>	GB Status: Local			
First/Last:	22 Jul (TR & SPC)/28 Aug (KR)		Ten-km Squares: 2001 (> 1980)	11	(29*)
1474	<i>Ephestia parasitella</i>	GB Status: Local			
First/Last:	23 May (PS)/26 Jul (SPC)		Ten-km Squares: 2001 (> 1980)	3	(16)
1478b	<i>Vitula biviella</i>	GB Status: Migrant/potential colonist			
First/Last:	1 Jul (KR)/13 Aug (KR)		Ten-km Squares: 2001 (> 1980)	1	(2*)
TRO2. Now recorded from five localities, three in 2001. On 7 dates at Lydd (KR), also at Littlestone on 29 Jul (KR) and Greatstone on 30 Jul (BBa).					
1479	<i>Plodia interpunctella</i>	GB Status: Synanthropic	Indian Meal Moth		
First/Last:	22 May/23 Jun		Ten-km Squares: 2001 (> 1980)	1	(3*)
TQ87(AGJB).					

1481	<i>Homoeosoma sinuella</i>	GB Status: Local			
First/Last:	9 Jun (BBa & DW)/2 Aug (FS)		Ten-km Squares: 2001 (> 1980)	6	(15*)
1483	<i>Phycitodes binaevella</i>	GB Status: Local			
First/Last:	15 Jun (KR)/8 Aug (AGJB)		Ten-km Squares: 2001 (> 1980)	9	(23)
1484	<i>Phycitodes saxicola</i>	GB Status: Local			
First/Last:	6 Jul (DW)/26 Aug (KR)		Ten-km Squares: 2001 (> 1980)	2	(6)
1485	<i>Phycitodes maritima</i>	GB Status: Local			
First/Last:	25 May (FS)/13 Aug (KR)		Ten-km Squares: 2001 (> 1980)	2	(6)
Can be most reliably separated from the previous two species, and <i>H. nimbella</i> , on dissection. Two of these records, from Dungeness, were determined by DO'K on the basis of wing venation.					

PTEROPHORIDAE (8 species)

1488	<i>Agdistis bennetii</i>	GB Status: Local			
First/Last:	5 Jun (FS)/23 Aug (LC)		Ten-km Squares: 2001 (> 1980)	3	(8)
The last of the first generation seen 20 Jun (FS) and the first of the second 28 Jul (JP).					
1495	<i>Marasmarcha lunaedactyla</i>	GB Status: Local			
First/Last:	1 Jul (FS)/21 Jul (FS)		Ten-km Squares: 2001 (> 1980)	2	(9*)
1496	<i>Cnaemidophorus rhododactyla</i>	GB Status: pRDB2			
First/Last:	8 Jul		Ten-km Squares: 2001 (> 1980)	1	(1*)
TQ77(AGJB).					
1504	<i>Platyptilia pallidactyla</i>	GB Status: Local			
First/Last:	6 Jul (PS)		Ten-km Squares: 2001 (> 1980)	1	(16*)
1509	<i>Stenoptilia pterodactyla</i>	GB Status: Unknown			
First/Last:	2 Jul (PS)		Ten-km Squares: 2001 (> 1980)	1	(14)
1513	<i>Pterophorus pentadactyla</i>	GB Status: Local			
First/Last:	4 Jun (PJB)/28 Jul (AF)		Ten-km Squares: 2001 (> 1980)	8	(31*)
White Plume Moth					
1517	<i>Adaina microdactyla</i>	GB Status: Local			
First/Last:	27 Jul (FS)		Ten-km Squares: 2001 (> 1980)	1	(10*)
1524	<i>Emmelina monodactyla</i>	GB Status: Common			
First/Last:	15 Mar (FS)/11 Dec (FS)		Ten-km Squares: 2001 (> 1980)	16	(32*)
Overwinters, the last in spring being seen 9 Apr (FS). Emmet (1988) states the moth flies from Sep but I have records from apparently reliable recorders for each month of the year, including from 12 Jun 2001 (KP). Emmet (1991) shows the imago from Oct through to May but states there is a possible second generation in summer. Beirne (1952) says "the Moth appears in July and in September and hibernates until the following spring". Gielis (1996) states that in Europe the "moth flies throughout the year" and this now seems to be the case in this country also. The phenology graph of the records I have shows a definite gap in May and a dip in Aug.					

LASIOCAMPIDAE (7 species)

1631	<i>Poecilocampa populi</i>	GB Status: Common			
First/Last:	13 Oct (PJB)/18 Dec (OD)		Ten-km Squares: 2001 (> 1980)	14	(28)
Also there were two late examples on 2 and 5 Jan (FS) from the previous season.					
1634	<i>Malacosoma neustria</i>	GB Status: Common			
First/Last:	25 Jun (ABI)/24 Aug (KR)		Ten-km Squares: 2001 (> 1980)	15	(29)
1635	<i>Malacosoma castrensis</i>	GB Status: Na, BAP			
First/Last:	27 Jul (FS)/14 Aug (AGJB)		Ten-km Squares: 2001 (> 1980)	3	(5)
1636	<i>Lasiocampa trifolii flava</i>	GB Status: RDB1			
First/Last:	23 Jul (DW)/25 Aug (DW)		Ten-km Squares: 2001 (> 1980)	2	(2)
The nominate form (Grass Eggar) is only Na.					

1637	<i>Lasiocampa quercus</i>	GB Status: Local	Oak Eggar		
First/Last:	4 Jul (PS)/1 Sep (FS)	Ten-km Squares:	2001 (> 1980)	10	(33)
1638	<i>Macrothylacia rubi</i>	GB Status: Common	Fox Moth		
First/Last:	7 May (FS)/16 Jun (FS)	Ten-km Squares:	2001 (> 1980)	4	(13)
1640	<i>Euthrix potatoria</i>	GB Status: Common	Drinker		
First/Last:	18 Jun (DB)/26 Aug (KR & SW)	Ten-km Squares:	2001 (> 1980)	19	(36)

SATURNIIDAE (1 species)

1643	<i>Saturnia pavonia</i>	GB Status: Common	Emperor Moth		
First/Last:	23 Apr (PM)/22 May (PJB)	Ten-km Squares:	2001 (> 1980)	3	(12)

DREPANIDAE (13 species)

1645	<i>Falcaria lacertinaria</i>	GB Status: Common	Scalloped Hook-tip		
First/Last:	19 May (DR)/14 Aug (TR)	Ten-km Squares:	2001 (> 1980)	4	(27)
A poor year. Last of first brood seen 29 May (BBa) and first of the second on 24 Jul (PJB).					

1646	<i>Watsonalla binaria</i>	GB Status: Common	Oak Hook-tip		
First/Last:	19 May (DR)/24 Aug (KR & ML)	Ten-km Squares:	2001 (> 1980)	16	(42)
The first brood finished 8 Jun (BBo) and the second commenced 28 Jul (PMA). Also two late examples reported; 1 Oct (BBo) and 12 Oct (FS).					

1647	<i>Watsonalla cultraria</i>	GB Status: Common	Barred Hook-tip		
First/Last:	13 Jun (IDF)/17 Aug (TS)	Ten-km Squares:	2001 (> 1980)	5	(20)
The second brood commenced 27 Jul (JPI).					

1648	<i>Drepana falcata</i>	GB Status: Common	Pebble Hook-tip		
First/Last:	15 May (FS)/30 Aug (MPJ)	Ten-km Squares:	2001 (> 1980)	22	(41)
The last of the first brood seen 2 Jul (IDF) and the first of the second on 22 Jul (BBo & SPC).					

1651	<i>Cilix glaucata</i>	GB Status: Common	Chinese Character		
First/Last:	19 May (DW)/3 Sep (KR)	Ten-km Squares:	2001 (> 1980)	10	(35)
The first brood ended about 5 Jun (AGJB) and the second was underway by 27 Jul (MPJ). Example from 8 Jul (AGJB) could have been from either, but probably the second generation.					

1652	<i>Thyatira batis</i>	GB Status: Common	Peach Blossom		
First/Last:	19 May (DR)/20 Aug (KP)	Ten-km Squares:	2001 (> 1980)	17	(41)

1653	<i>Habrosyne pyritoides</i>	GB Status: Common	Buff Arches		
First/Last:	5 Jun (FS)/12 Aug (TS)	Ten-km Squares:	2001 (> 1980)	33	(44)

1654	<i>Tethea ocularis</i>	GB Status: Common	Figure of Eighty		
First/Last:	27 May (FS)/9 Jul (FS)	Ten-km Squares:	2001 (> 1980)	18	(39)

1655	<i>Tethea or</i>	GB Status: Local	Poplar Lutestring		
First/Last:	19 May (DR)/24 Aug (ML)	Ten-km Squares:	2001 (> 1980)	9	(30)

1656	<i>Tetheella fluctuosa</i>	GB Status: Local	Satin Lutestring		
First/Last:	19 May (DR)/21 Aug (JSB)	Ten-km Squares:	2001 (> 1980)	15	(36)

1657	<i>Ochropacha duplaris</i>	GB Status: Common	Common Lutestring		
First/Last:	23 Jun (DR)/11 Aug (IRC)	Ten-km Squares:	2001 (> 1980)	18	(39)

1658	<i>Cymatophorima diluta</i>	GB Status: Common	Oak Lutestring		
First/Last:	20 Sep (KP)/10 Oct (FS)	Ten-km Squares:	2001 (> 1980)	2	(11)

1659	<i>Achlya flavicornis</i>	GB Status: Common	Yellow Horned		
First/Last:	11 Feb (FS)/23 Mar (PJB)	Ten-km Squares:	2001 (> 1980)	3	(21)

GEOMETRIDAE (203 species)

- 1662 *Archiearis notha* GB Status: Nb **Light Orange Underwing**
 First/Last: 12 Apr (SPC) Ten-km Squares: 2001 (> 1980) 1 (2*)
- 1663 *Alsophila aescularia* GB Status: Common **March Moth**
 First/Last: 2 Feb (OD)/21 Apr (TS) Ten-km Squares: 2001 (> 1980) 15 (32*)
 FS had 82 to light on 21 Feb.
- 1664 *Aplasta ononaria* GB Status: RDB3, BAP **Rest Harrow**
 First/Last: 24 Jun (AGJB & SW)/25 Aug (AGJB & PM) Ten-km Squares: 2001 (> 1980) 5 (7*)
 The last last of the first brood seen 30 Jun (DR) and first of the second on 13 Aug (FS). The Aug brood was the most widespread of the two.
- 1665 *Pseudoterpna pruinata* GB Status: Common **Grass Emerald**
 First/Last: 4 Jun (DW)/25 Aug (DW) Ten-km Squares: 2001 (> 1980) 2 (5*)
- 1666 *Geometra papilionaria* GB Status: Common **Large Emerald**
 First/Last: 2 Jul (PJB)/30 Aug (GHZ) Ten-km Squares: 2001 (> 1980) 15 (30*)
- 1667 *Comibaena bajularia* GB Status: Common **Blotched Emerald**
 First/Last: 21 Jun (GHZ)/23 Jul (KA) Ten-km Squares: 2001 (> 1980) 8 (20*)
- 1669 *Hemithea aestivaria* GB Status: Common **Common Emerald**
 First/Last: 23 Jun (KP)/6 Aug (FS) Ten-km Squares: 2001 (> 1980) 28 (41*)
 FS had an early example on 5 Jun. There were also two late examples, both on 17 Aug (DWr & PM)
- 1672 *Thalera fimbrialis* GB Status: RDB1, BAP **Sussex Emerald**
 First/Last: 1 Jul (DW)/13 Aug (DW) Ten-km Squares: 2001 (> 1980) 1 (3*)
- 1673 *Hemistola chrysoprasaria* GB Status: Common **Small Emerald**
 First/Last: 29 Jun (FS)/28 Jul (KA) Ten-km Squares: 2001 (> 1980) 17 (34*)
 The phenology graph for the year shows three distinct batches; the data above relates to the large central batch. I have omitted records from 25 May/13 Jun and also from 13 Aug/10 Sep in case of confusion with the first and second brood of 1961 *C. margaritata* **Light Emerald**. This risks missing any genuine **Small Emerald** unusual dates – if any occur I would appreciate additional corroboration, e.g. a photograph.
- 1674 *Jodis lactearia* GB Status: Common **Little Emerald**
 First/Last: 19 May (DR)/27 Jul (IL) Ten-km Squares: 2001 (> 1980) 11 (19*)
 Skinner (1998) states "flying in May and June", yet I have records throughout Jul and as late as 12 Aug 1997 (KR). It's size alone should make it all but unmistakable.
- 1676 *Cyclophora annularia* GB Status: Nb **Mocha**
 First/Last: Jul/2 Aug Ten-km Squares: 2001 (> 1980) 1 (2*)
 TQ77(JSh).
- 1677 *Cyclophora albipunctata* GB Status: Common **Birch Mocha**
 First/Last: 13 May (JSB)/13 Aug (PJB) Ten-km Squares: 2001 (> 1980) 5 (14*)
 The last of the second brood seen 11 Jun (JPI) and the first of the second 22 Jul (JSB).
- 1680 *Cyclophora punctaria* GB Status: Common **Maiden's Blush**
 First/Last: 15 May (FS)/5 Sep (PJB) Ten-km Squares: 2001 (> 1980) 17 (30*)
 The last of the second brood seen 8 Jun (GHZ) and the first of the second 27 Jul (AGJB).
- 1681 *Cyclophora linearia* GB Status: Common **Clay Triple-lines**
 First/Last: 12 Jun (KP)/3 Jul (KP) Ten-km Squares: 2001 (> 1980) 5 (15*)
 Sole second brood example reported this year on 15 Aug (BBa). An article on separating second brood of this species from others in the genus appeared in *Atropos* 13, pgs 40-43.
- 1682 *Timandra comae* GB Status: Common **Blood-vein**
 First/Last: 20 May (AGJB)/20 Oct (KR) Ten-km Squares: 2001 (> 1980) 26 (37*)
 The two generations overlapped in Jul.
- 1684 *Scopula nigropunctata* GB Status: RDB2, BAP **Sub-angled Wave**
 First/Last: 30 Jun (FS)/24 Jul (TR) Ten-km Squares: 2001 (> 1980) 3 (7*)
 TR02(BBa), TR24(TR) & TR36(FS). Possibly as a migrant, but a new potential breeding site was discovered in 2002.

1687	<i>Scopula ornata</i>	GB Status: Na	Lace Border		
First/Last:	26 Jun (PM)		Ten-km Squares: 2001 (> 1980)	1	(4*)
1689	<i>Scopula marginepunctata</i>	GB Status: Common	Mullein Wave		
First/Last:	29 May (KR)/27 Sep (DW & KR)		Ten-km Squares: 2001 (> 1980)	10	(22*)
	The last of the second brood seen 5 Jul (FS & PM) and the first of the second 27 Jul (FS).				
1690	<i>Scopula imitaria</i>	GB Status: Common	Small Blood-vein		
First/Last:	15 Jun (AGJB)/11 Sep (FS, KR, PM & TS)		Ten-km Squares: 2001 (> 1980)	24	(32*)
	There was a hint of a gap in the records in early Aug but not sufficiently clear to say there were two generations.				
1691	<i>Scopula emutaria</i>	GB Status: Nb	Rosy Wave		
First/Last:	20 Jun (FS)/30 Aug (KR)		Ten-km Squares: 2001 (> 1980)	6	(8*)
	Skinner (1998) states "single brooded, flying from late June throughout July" but there was a clear break from 5 Jul (FS) to 14 Aug (FS) indicating a second generation.				
1693	<i>Scopula floslactata</i>	GB Status: Common	Cream Wave		
First/Last:	25 May (TS)/15 Jun (ABI)		Ten-km Squares: 2001 (> 1980)	5	(19*)
1696	<i>Idaea ochrata</i>	GB Status: RDB1, BAP	Bright Wave		
First/Last:	29 Jun (PM)/2 Jul (FS)		Ten-km Squares: 2001 (> 1980)	3	(3*)
	DB reported seeing an unusually early example on 4 Jun.				
1699	<i>Idaea rusticata</i>	GB Status: Local	Least Carpet		
First/Last:	19 Jun (FS)/5 Sep (JSB)		Ten-km Squares: 2001 (> 1980)	23	(35*)
1702	<i>Idaea biselata</i>	GB Status: Common	Small Fan-footed Wave		
First/Last:	24 Jun (DWr)/26 Aug (KA)		Ten-km Squares: 2001 (> 1980)	30	(41*)
	FS had some 800 to light on 29 Jul at East Blean.				
1705	<i>Idaea fuscovenosa</i>	GB Status: Local	Dwarf Cream Wave		
First/Last:	19 Jun (KR)/7 Aug (SW)		Ten-km Squares: 2001 (> 1980)	22	(32*)
1707	<i>Idaea seriata</i>	GB Status: Common	Small Dusty Wave		
First/Last:	29 May (FS)/4 Oct (FS)		Ten-km Squares: 2001 (> 1980)	18	(27*)
	The first two broods overlapped somewhere about 30 Jul (FS & PPH), 8 Aug (FS) and 15 Aug (DWr). There was a distinct break in the records from 16 Sep (FS) to 25 Sep (PM) hinting at a small partial third brood.				
1708	<i>Idaea dimidiata</i>	GB Status: Common	Single-dotted Wave		
First/Last:	15 Jun (AGJB)/11 Sep (AGJB & FS)		Ten-km Squares: 2001 (> 1980)	30	(43*)
1709	<i>Idaea subsericeata</i>	GB Status: Common	Satin Wave		
First/Last:	25 May (TS)/25 Aug (DW)		Ten-km Squares: 2001 (> 1980)	14	(29*)
	The last of the second brood seen 1 Jul (FS) and the first of the second 29 Jul (FS).				
1711	<i>Idaea trigeminata</i>	GB Status: Common	Treble Brown Spot		
First/Last:	5 Jun (JSB)/5 Aug (FS)		Ten-km Squares: 2001 (> 1980)	21	(35*)
	Also a late examples on 27 Sep (MPJ) and 10 Oct (PJB).				
1712	<i>Idaea emarginata</i>	GB Status: Common	Small Scallop		
First/Last:	5 Jul (FS)/13 Aug (FS)		Ten-km Squares: 2001 (> 1980)	9	(21*)
1713	<i>Idaea aversata</i>	GB Status: Common	Riband Wave		
First/Last:	12 Jun (MPJ)/24 Sep (FS)		Ten-km Squares: 2001 (> 1980)	37	(46*)
1715	<i>Idaea straminata</i>	GB Status: Common	Plain Wave		
First/Last:	24 Jun (JPI)/11 Aug (MC)		Ten-km Squares: 2001 (> 1980)	4	(14*)
	A late example on 2 Sep (KR) at Lydd, and others away from woodland, poses the question of possible migrants?				
1716	<i>Rhodometra sacraria</i>	GB Status: Migrant	Vestal		
First/Last:	1 Aug (BBo)/22 Oct (KR)		Ten-km Squares: 2001 (> 1980)	5	(17*)
1718	<i>Phibalapteryx virgata</i>	GB Status: Nb	Oblique Striped		
First/Last:	10 May (DB)/28 Aug (KR)		Ten-km Squares: 2001 (> 1980)	3	(5*)
	The last of the first brood seen 8 Jul (DB) and the first of the second 23 Aug (KR).				

1720	<i>Orthonama obstipata</i>	GB Status: Migrant	Gem		
First/Last:	19 May (DWR)/3 Nov (SPC)	Ten-km Squares:	2001 (> 1980)	7	(15*)
1722	<i>Xanthorhoe designata</i>	GB Status: Common	Flame Carpet		
First/Last:	19 May (PJB)/9 Sep (IL)	Ten-km Squares:	2001 (> 1980)	13	(26*)
The last of the first brood seen 21 Jun (IL) and the first of the second 27 Jul (KP & ML). Also two late examples on 30 Sep (JSB) & 11 Oct (PJB).					
1724	<i>Xanthorhoe spadicearia</i>	GB Status: Common	Red Twin-spot Carpet		
First/Last:	24 Apr (KR)/30 Aug (SW)	Ten-km Squares:	2001 (> 1980)	21	(38*)
The last of the first brood seen 11 Jun (PW) and the first of the second 14 Jul (KP). The example on 30 Jun (SW) could have belonged to either.					
1725	<i>Xanthorhoe ferrugata</i>	GB Status: Common	Dark-barred Twin-spot Carpet		
First/Last:	10 May (JSB)/2 Sep (FS)	Ten-km Squares:	2001 (> 1980)	12	(22*)
The last of the first brood seen 29 May (PPH) and the first of the second 22 Jul (FS).					
1726	<i>Xanthorhoe quadrifasciata</i>	GB Status: Common	Large Twin-spot Carpet		
First/Last:	8 Jul (AGJB)/14 Aug (TR)	Ten-km Squares:	2001 (> 1980)	3	(15*)
1727	<i>Xanthorhoe montanata</i>	GB Status: Common	Silver-ground Carpet		
First/Last:	24 May (FS)/29 Jun (AGJB)	Ten-km Squares:	2001 (> 1980)	15	(35*)
1728	<i>Xanthorhoe fluctuata</i>	GB Status: Common	Garden Carpet		
First/Last:	12 May (PPH)/30 Oct (TS)	Ten-km Squares:	2001 (> 1980)	27	(37*)
The gap in the records between 8 Jul (IDF & KA) and 22 Jul (TS) probably marked the first and second generation. A dip in the records about Aug/Sep may have been the demarcation between the second and a third brood.					
1731	<i>Scotopteryx bipunctaria</i>	GB Status: Nb, BAP2	Chalk Carpet		
First/Last:	5 Sep (TR)	Ten-km Squares:	2001 (> 1980)	1	(7*)
A single record is hard to interpret! Skinner (1998) gives single brooded, Jul/Aug. The cumulative phenology (albeit only 17 records) hints at a partial second brood in late Aug and Sep. If so, this could be a second brood example.					
1732	<i>Scotopteryx chenopodiata</i>	GB Status: Common	Shaded Broad-bar		
First/Last:	27 Jun (PJB)/24 Aug (JPI)	Ten-km Squares:	2001 (> 1980)	22	(41)
1734	<i>Scotopteryx luridata</i>	GB Status: Common	July Belle		
First/Last:	5 Jul (DW)/14 Jul (KR)	Ten-km Squares:	2001 (> 1980)	1	(7)
1735	<i>Catarhoe rubidata</i>	GB Status: Nb	Ruddy Carpet		
First/Last:	30 Jun (FS)	Ten-km Squares:	2001 (> 1980)	1	(10)
1738	<i>Epirrhoe alternata</i>	GB Status: Common	Common Carpet		
First/Last:	10 May (BBa, FS & TR)/28 Sep (PM)	Ten-km Squares:	2001 (> 1980)	31	(46)
The last of the first brood seen 9 Jul (FS) and the first of the second 20 Jul (KP). Skinner (1998) states "May and June with a partial second generation in August and September". In Kent, it is completely double brooded and I have more records for the latter brood than the first one.					
1739	<i>Epirrhoe rivata</i>	GB Status: Common	Wood Carpet		
First/Last:	5 Jun (TR)/9 Jul (FS)	Ten-km Squares:	2001 (> 1980)	4	(15)
1740	<i>Epirrhoe galiata</i>	GB Status: Common	Galium Carpet		
First/Last:	5 Jul (FS)/11 Sep (FS)	Ten-km Squares:	2001 (> 1980)	5	(13)
An early example on 18 May (BBa). The last of the first brood seen 30 Jul (SW) and first of the second 25 Aug (BBa).					
1742	<i>Camptogramma bilineata</i>	GB Status: Common	Yellow Shell		
First/Last:	25 May (FS)/24 Sep (FS)	Ten-km Squares:	2001 (> 1980)	30	(48)
1745	<i>Larentia clavaria</i>	GB Status: Common	Mallow		
First/Last:	20 Sep (AGJB & SPC)/27 Oct (FS)	Ten-km Squares:	2001 (> 1980)	10	(29)
1746	<i>Anticlea badiata</i>	GB Status: Common	Shoulder Stripe		
First/Last:	14 Mar (JS)/27 Apr (FS)	Ten-km Squares:	2001 (> 1980)	6	(33)
1747	<i>Anticlea derivata</i>	GB Status: Common	Streamer		
First/Last:	2 Apr (PS)/10 May (KP)	Ten-km Squares:	2001 (> 1980)	7	(25)

1748	<i>Mesoleuca albicillata</i>	GB Status: Common	Beautiful Carpet		
First/Last:	13 Jun (KP)/29 Jul (FS)	Ten-km Squares:	2001 (> 1980)	2	(16)
1749	<i>Pelurga comitata</i>	GB Status: Common	Dark Spinach		
First/Last:	14 Jul (KR)/27 Aug (PMn)	Ten-km Squares:	2001 (> 1980)	6	(29)
1750	<i>Lampropteryx suffumata</i>	GB Status: Common	Water Carpet		
First/Last:	10 Apr (IL)/10 May (TR)	Ten-km Squares:	2001 (> 1980)	2	(5)
TQ54(IL) & TR24(TR). The sole Maidstone Museum record dates from pre-1980.					
1752	<i>Cosmorhoe ocellata</i>	GB Status: Common	Purple Bar		
First/Last:	13 May (FS)/5 Sep (FS & PM)	Ten-km Squares:	2001 (> 1980)	16	(39)
The last of the first brood seen 23 Jul (DWr) and the first of the second 11 Aug (IRC, ML, NJ & NM). Also a late example on 23 Sep (DWr).					
1754	<i>Eulithis prunata</i>	GB Status: Common	Phoenix		
First/Last:	24 Jun (PPH)/17 Aug (PM)	Ten-km Squares:	2001 (> 1980)	15	(27)
1755	<i>Eulithis testata</i>	GB Status: Common	Chevron		
First/Last:	23 Jul (PS)/13 Aug (FS)	Ten-km Squares:	2001 (> 1980)	4	(20)
1757	<i>Eulithis mellinata</i>	GB Status: Common	Spinach		
First/Last:	20 Jun (FS)/9 Jul (FS)	Ten-km Squares:	2001 (> 1980)	6	(29)
1758	<i>Eulithis pyraliata</i>	GB Status: Common	Barred Straw		
First/Last:	22 Jun (BBa)/23 Jul (JSB)	Ten-km Squares:	2001 (> 1980)	16	(39)
1759	<i>Ecliptopera silaceata</i>	GB Status: Common	Small Phoenix		
First/Last:	9 May (PJB)/7 Sep (TS)	Ten-km Squares:	2001 (> 1980)	21	(41)
The last of the first brood seen 20 Jun (TR) and the first of the second 21 Jul (PMn).					
1760	<i>Chloroclysta siterata</i>	GB Status: Common	Red-green Carpet		
First/Last:	7 Mar (TS)/24 Nov (TS)	Ten-km Squares:	2001 (> 1980)	9	(25)
Overwinters. Last spring specimen 10 Mar (PPH) and first autumn one 5 Sep (TR).					
1762	<i>Chloroclysta citrata</i>	GB Status: Common	Dark Marbled Carpet		
First/Last:	4 Jul (PMn)/12 Aug (TS)	Ten-km Squares:	2001 (> 1980)	3	(10)
TQ64(TS), TR03(SPC) & TR05(PMn).					
1764	<i>Chloroclysta truncata</i>	GB Status: Common	Common Marbled Carpet		
First/Last:	9 May (OD)/19 Nov (FS)	Ten-km Squares:	2001 (> 1980)	34	(46)
The last of the first brood seen 9 Jul (FS) and the first of the second about 16 Aug (PMn). The example on 1 Aug (ML) could fit either but was probably second.					
1765	<i>Cidaria fulvata</i>	GB Status: Common	Barred Yellow		
First/Last:	11 Jun (FS)/25 Jul (PM)	Ten-km Squares:	2001 (> 1980)	18	(36)
1766	<i>Plemyria rubiginata</i>	GB Status: Common	Blue-bordered Carpet		
First/Last:	25 Jun (KR)/24 Jul (TR)	Ten-km Squares:	2001 (> 1980)	11	(23)
Plus two late specimens 16 Aug (KR) and 29 Aug (JSB).					
1767	<i>Thera firmata</i>	GB Status: Common	Pine Carpet		
First/Last:	15 Jun (BBa)/19 Oct (KR)	Ten-km Squares:	2001 (> 1980)	7	(13)
Skinner (1998) implies one long brood but the phenology graph suggests two separate generations. If so, the first ended 6 Jul (AGJB) and the second began 7 Sep (TS).					
1768	<i>Thera obeliscata</i>	GB Status: Common	Grey Pine Carpet		
First/Last:	13 May (FS)/30 Nov (TS)	Ten-km Squares:	2001 (> 1980)	19	(37)
The last of the first brood seen 28 Jul (TS) and the first of the second 23 Aug (KP).					
1769	<i>Thera britannica</i>	GB Status: Common	Spruce Carpet		
First/Last:	13 May (MB)/14 Nov (PS)	Ten-km Squares:	2001 (> 1980)	14	(30)
The last of the first brood seen 15 Jul (KR) and the first of the second around 5 Sep (TR).					
1771	<i>Thera juniperata</i>	GB Status: Common	Juniper Carpet		
First/Last:	12 Oct (KR)/22 Oct (OD)	Ten-km Squares:	2001 (> 1980)	2	(7)

1773	<i>Electrophaes corylata</i>	GB Status: Common	Broken-barred Carpet	
First/Last:	10 May (PPH)/6 Jul (AGJB)	Ten-km Squares:	2001 (> 1980)	12 (32)
1776	<i>Colostygia pectinataria</i>	GB Status: Common	Green Carpet	
First/Last:	13 May (FS)/11 Sep (KR)	Ten-km Squares:	2001 (> 1980)	20 (42)
The last of the first brood seen 20 Jul (KP) and the first of the second 29 Aug (RT).				
1777	<i>Hydriomena furcata</i>	GB Status: Common	July Highflyer	
First/Last:	22 Jun (AGJB)/25 Aug (GL)	Ten-km Squares:	2001 (> 1980)	26 (44)
1778	<i>Hydriomena impluviata</i>	GB Status: Common	May Highflyer	
First/Last:	27 May (FS & JSB)/10 Jul (DB)	Ten-km Squares:	2001 (> 1980)	7 (22)
1781	<i>Horisme vitalbata</i>	GB Status: Common	Small Waved Umber	
First/Last:	11 May (PPH)/24 Aug (PM)	Ten-km Squares:	2001 (> 1980)	16 (30)
The last of the first brood seen 30 Jun (PM) and the first of the second 17 Jul (RH).				
1782	<i>Horisme tersata</i>	GB Status: Common	The Fern	
First/Last:	15 Jun (PPH)/30 Aug (FS)	Ten-km Squares:	2001 (> 1980)	11 (31)
1784	<i>Melanthia procellata</i>	GB Status: Common	Pretty Chalk Carpet	
First/Last:	27 May (TS)/5 Sep (JSB)	Ten-km Squares:	2001 (> 1980)	13 (29)
1786	<i>Spargania luctuata</i>	GB Status: Na	White-banded Carpet	
First/Last:	1 Jun (BBo)/13 Aug (FS)	Ten-km Squares:	2001 (> 1980)	6 (13)
The last of the first brood seen 5 Jul (SPC) and the first of the second 24 Jul (SPC).				
1788	<i>Rheumaptera cervinalis</i>	GB Status: Local/Common	Scarce Tissue	
First/Last:	3 Aug	Ten-km Squares:	2001 (> 1980)	1 (3)
TR02(SPC).				
1789	<i>Rheumaptera undulata</i>	GB Status: Common	Scallop Shell	
First/Last:	23 Jun (DR)/28 Jul (JSB)	Ten-km Squares:	2001 (> 1980)	3 (25)
1791	<i>Philereme vetulata</i>	GB Status: Local	Brown Scallop	
First/Last:	4 Jul	Ten-km Squares:	2001 (> 1980)	1 (11)
TQ46(PS).				
1792	<i>Philereme transversata</i>	GB Status: Common	Dark Umber	
First/Last:	4 Jul (DW)/24 Jul (TR)	Ten-km Squares:	2001 (> 1980)	6 (24)
1793	<i>Euphyia biangulata</i>	GB Status: Nb	Cloaked Carpet	
First/Last:	25 Jun (FS)/29 Jul (FS)	Ten-km Squares:	2001 (> 1980)	1 (3)
1794	<i>Euphyia unangulata</i>	GB Status: Common	Sharp-angled Carpet	
First/Last:	27 Jun (KP)	Ten-km Squares:	2001 (> 1980)	1 (12)

The *Epirrita* species can be difficult to separate but well marked specimens can usually be readily determined (see Atropos, 11, pgs 26-28). Species accounts are presented "as reported". I have, however, suppressed all records of 1796 *Epirrita christyi* **Pale November Moth** as those people who state they do gen. det. never report it and I suspect it may no longer occur in Kent.

1795	<i>Epirrita dilutata</i>	GB Status: Common	November Moth	
First/Last:	11 Oct (AGJB)/29 Nov (FS)	Ten-km Squares:	2001 (> 1980)	12 (28)
1797	<i>Epirrita autumnata</i>	GB Status: Common	Autumnal Moth	
First/Last:	5 Oct (TS)/30 Oct (TS)	Ten-km Squares:	2001 (> 1980)	2 (14)
TQ56(TS) & TQ57(TS). I have only one gen det record.				
	<i>Epirrita</i> sp.		indet. November moth(s)	
First/Last:	11 Oct (KP)/25 Nov (PJB)	Ten-km Squares:	2001 (> 1980)	7 (14*)
1799	<i>Operophtera brumata</i>	GB Status: Common	Winter Moth	
First/Last:	3 Jan (KP)/29 Dec (DD)	Ten-km Squares:	2001 (> 1980)	10 (32)
Overwinters. Last spring specimen seen 11 Feb (FS) and first autumn example seen 20 Oct (KR).				

1800	<i>Operophtera fagata</i>	GB Status: Common	Northern Winter Moth		
First/Last:	12 Nov (KP)/16 Nov (KP)	Ten-km Squares:	2001 (> 1980)	2	(12)
1802	<i>Perizoma affinitata</i>	GB Status: Common	Rivulet		
First/Last:	27 May (FS & JSB)/29 Jun (AGJB)	Ten-km Squares:	2001 (> 1980)	4	(15)
1803	<i>Perizoma alchemillata</i>	GB Status: Common	Small Rivulet		
First/Last:	29 Jun (AGJB)/2 Aug (BBa)	Ten-km Squares:	2001 (> 1980)	11	(41)
1804	<i>Perizoma bifaciata</i>	GB Status: Local	Barred Rivulet		
First/Last:	27 Jul (FS & JPI)/22 Aug (ML)	Ten-km Squares:	2001 (> 1980)	7	(20)
1807	<i>Perizoma albulata</i>	GB Status: Common	Grass Rivulet		
First/Last:	25 Jun (TR)	Ten-km Squares:	2001 (> 1980)	1	(11)
1808	<i>Perizoma flavofasciata</i>	GB Status: Common	Sandy Carpet		
First/Last:	13 May (FS)/20 Jul (PPH)	Ten-km Squares:	2001 (> 1980)	10	(29)
1809	<i>Perizoma didymata</i>	GB Status: Common	Twin-spot Carpet		
First/Last:	24 Jul (SPC)/13 Aug (FS)	Ten-km Squares:	2001 (> 1980)	2	(27)

Those of you who, like me, struggle over the pugs may like to note that a provisional key appears in Atropos 17, pgs 29-32. Rumours on the Amazon web site that the very long awaited Harley Books work is due in 2003 are optimistic.

1811	<i>Eupithecia tenuiata</i>	GB Status: Common	Slender Pug		
First/Last:	4 Jun (GB)/18 Aug (KR)	Ten-km Squares:	2001 (> 1980)	6	(19)
1812	<i>Eupithecia inturbata</i>	GB Status: Local	Maple Pug		
First/Last:	30 Jun (FS)/31 Jul (SPC)	Ten-km Squares:	2001 (> 1980)	3	(21)
1813	<i>Eupithecia haworthiata</i>	GB Status: Common	Haworth's Pug		
First/Last:	19 Jun (DW)/3 Aug (FS)	Ten-km Squares:	2001 (> 1980)	8	(27)
1814	<i>Eupithecia plumbeolata</i>	GB Status: Nb	Lead-coloured Pug		
First/Last:	11 Jun (JPI)/2 Jul (IDF)	Ten-km Squares:	2001 (> 1980)	2	(9)
1815	<i>Eupithecia abietaria</i>	GB Status: Uncommon/Migrant	Cloaked Pug		
First/Last:	5 Jul	Ten-km Squares:	2001 (> 1980)	1	(1*)

TQ93(JHC). Two at Birchett Wood, Hamstreet. Suspected migrants.

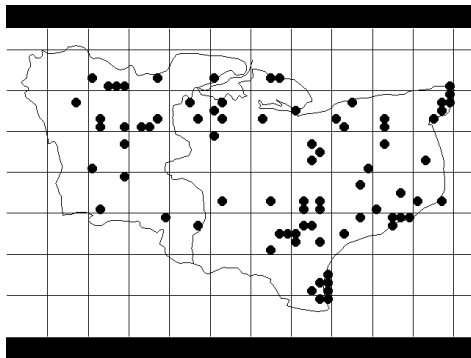
1816 *Eupithecia linariata* GB Status: Common **Toadflax Pug**
 First/Last: 27 May (IL)/2 Sep (FS) Ten-km Squares: 2001 (> 1980) 9 (25)
 The cumulative phenology graph is perplexing. It is not clear-cut but appears to show two separate generations in May/June and July/August. The simplest explanation would be confusion with the next species, which does fly over that period, but some very experienced observers would have to have erred. The annual phenology graph looks like a single extended flight period, and the above data is presented on that basis.

1817	<i>Eupithecia pulchellata</i>	GB Status: Common	Foxglove Pug		
First/Last:	16 May (KR)/16 Aug (PJB)	Ten-km Squares:	2001 (> 1980)	17	(32)
Also a very early sighting on 11 Apr (GHZ).					
1819	<i>Eupithecia exiguata</i>	GB Status: Common	Mottled Pug		
First/Last:	10 May (TR)/21 Jul (FS)	Ten-km Squares:	2001 (> 1980)	13	(31)
1820	<i>Eupithecia insigniata</i>	GB Status: Nb	Pinion-spotted Pug		
First/Last:	13 May	Ten-km Squares:	2001 (> 1980)	1	(9)
TR36(FS).					
1823	<i>Eupithecia venosata</i>	GB Status: Local	Netted Pug		
First/Last:	27 Jun (PPH)	Ten-km Squares:	2001 (> 1980)	1	(14)
1825	<i>Eupithecia centaureata</i>	GB Status: Common	Lime-speck Pug		
First/Last:	13 May (FS)/12 Oct (FS)	Ten-km Squares:	2001 (> 1980)	25	(43)
The two broods divided somewhere between 8 Jul (AGJB) and 15 Jul (TS).					

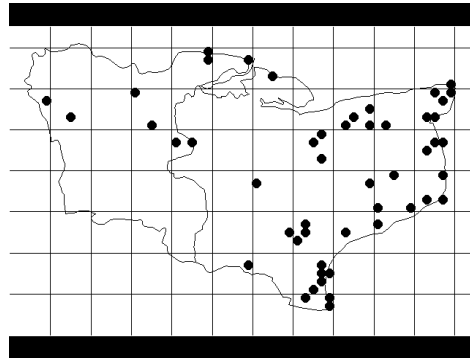
1826	<i>Eupithecia trisignaria</i>	GB Status: Local	Triple-spotted Pug	
First/Last:	14 Jun (GB)/19 Jun (GB)	Ten-km Squares: 2001 (> 1980)	1	(5)
1827	<i>Eupithecia intricata</i>	GB Status: Common	Freyer's Pug	
First/Last:	29 May (BBa)/9 Jul (FS)	Ten-km Squares: 2001 (> 1980)	7	(28)
1830	<i>Eupithecia absinthiata</i>	GB Status: Common	Wormwood Pug	
First/Last:	24 May (BBe)/24 Aug (DW)	Ten-km Squares: 2001 (> 1980)	17	(33)
Also an exceptionally late record on 30 Nov (TS).				
1832	<i>Eupithecia assimilata</i>	GB Status: Common	Currant Pug	
First/Last:	12 May (IH)/20 Sep (PM)	Ten-km Squares: 2001 (> 1980)	9	(27)
The last of the first brood seen 30 Jun (PPH) and the first of the second 23 Jul (FS).				
1833	<i>Eupithecia expallidata</i>	GB Status: Nb	Bleached Pug	
First/Last:	27 Jul (DWr)/11 Aug (IRC)	Ten-km Squares: 2001 (> 1980)	2	(21)
1834	<i>Eupithecia vulgata</i>	GB Status: Common	Common Pug	
First/Last:	9 May (MC)/27 Jul (FS)	Ten-km Squares: 2001 (> 1980)	20	(39)
Curiously, there was no sign of the second generation mentioned in Skinner (1998). Further, the cumulative phenology graph only hints at it.				
1835	<i>Eupithecia tripunctaria</i>	GB Status: Common	White-spotted Pug	
First/Last:	10 May (BBa & TR)/1 Sep (DWr)	Ten-km Squares: 2001 (> 1980)	15	(37)
The phenology graph clearly indicates two generations. The last of the first brood seen 18 Jun (PS) and the first of the second 21 Jul (FS). The second generation appears larger but this could be an artefact of recording habits.				
1837	<i>Eupithecia subfuscata</i>	GB Status: Common	Grey Pug	
First/Last:	19 May (KP)/27 Jul (KP)	Ten-km Squares: 2001 (> 1980)	15	(35)
There was also the small partial generation seen from 22 Aug (MPJ) to 23 Aug (KR).				
1838	<i>Eupithecia icterata</i>	GB Status: Common	Tawny Speckled Pug	
First/Last:	20 Jul (KP)/12 Sep (PM)	Ten-km Squares: 2001 (> 1980)	19	(37)
Also an early example 24 Jun (PPH) and late specimens 21 & 28 Sep (FS).				
1839	<i>Eupithecia succenturiata</i>	GB Status: Common	Bordered Pug	
First/Last:	1 Jul (BBa)/29 Aug (PM)	Ten-km Squares: 2001 (> 1980)	7	(32)
1840	<i>Eupithecia subumbrata</i>	GB Status: Local	Shaded Pug	
First/Last:	1 Jun (FS)/23 Jul (FS)	Ten-km Squares: 2001 (> 1980)	7	(20)
1841	<i>Eupithecia millefoliata</i>	GB Status: Nb	Yarrow Pug	
First/Last:	29 Jun (FS)/28 Jul (PM)	Ten-km Squares: 2001 (> 1980)	3	(14)
1842	<i>Eupithecia simpliciata</i>	GB Status: Local	Plain Pug	
First/Last:	13 Jun (KR)/25 Aug (FS)	Ten-km Squares: 2001 (> 1980)	8	(23)
1845	<i>Eupithecia pimpinellata</i>	GB Status: Local	Pimpinell Pug	
First/Last:	11 Jun (DWr)/11 Aug (MAEb)	Ten-km Squares: 2001 (> 1980)	2	(11)
1849	<i>Eupithecia fraxinata</i>	GB Status: Common	Ash Pug	
First/Last:	19 May (BBa)/24 Aug (DW)	Ten-km Squares: 2001 (> 1980)	5	(19)
The last of the first brood seen 1 Jun (DWr) and the first of the second 21 Aug (PM). Inland and coastal forms seen.				
1851	<i>Eupithecia virgaureata</i>	GB Status: Local	Golden-rod Pug	
First/Last:	18 Jun (GB)/20 Aug (GB)	Ten-km Squares: 2001 (> 1980)	1	(1*)
Sightings represent both broods.				
1852	<i>Eupithecia abbreviata</i>	GB Status: Common	Brindled Pug	
First/Last:	16 Mar (MB)/25 May (MPJ)	Ten-km Squares: 2001 (> 1980)	10	(33)
The flight period is stated in Skinner (1998) as Apr/May. A few Jun records have been suppressed in case of possible confusion with the next species.				
1853	<i>Eupithecia dodoneata</i>	GB Status: Common	Oak-tree Pug	
First/Last:	10 May (FS)/6 Jul (AGJB)	Ten-km Squares: 2001 (> 1980)	7	(20)

1854	<i>Eupithecia pusillata</i>	GB Status: Common	Juniper Pug		
First/Last:	28 Jun (SW)/7 Aug (FS)	Ten-km Squares:	2001 (> 1980)	3	(18)
1855	<i>Eupithecia phoeniceata</i>	GB Status: Uncommon, alien host	Cypress Pug		
First/Last:	16 Jul (BBa)/21 Sep (BBa & FS)	Ten-km Squares:	2001 (> 1980)	9	(18)
1856	<i>Eupithecia lariciata</i>	GB Status: Common	Larch Pug		
First/Last:	16 Jun (TS)/20 Jun (TR)	Ten-km Squares:	2001 (> 1980)	2	(12)
There are hints in the cumulative phenology graph of a partial second generation, with records to 15 Aug.					
1857	<i>Eupithecia tantillaria</i>	GB Status: Local	Dwarf Pug		
First/Last:	15 May (PJB)/29 Jun (AGJB)	Ten-km Squares:	2001 (> 1980)	5	(18)
1858	<i>Chloroclystis v-ata</i>	GB Status: Common	V-Pug		
First/Last:	10 May (TR)/15 Aug (BBa & SPC)	Ten-km Squares:	2001 (> 1980)	11	(37)
The last of the first brood seen 8 Jun (GB) and the first of the second 29 Jun (AGJB).					
1859	<i>Pasiphila chloerata</i>	GB Status: Common	Sloe Pug		
First/Last:	5 Jun (FS)/2 Jul (FS)	Ten-km Squares:	2001 (> 1980)	2	(8)
1860	<i>Pasiphila rectangulata</i>	GB Status: Common	Green Pug		
First/Last:	29 May (FS)/31 Jul (SPC)	Ten-km Squares:	2001 (> 1980)	22	(40)
1862	<i>Gymnoscelis rufifasciata</i>	GB Status: Common	Double-striped Pug		
First/Last:	22 Mar (TS)/28 Sep (KA)	Ten-km Squares:	2001 (> 1980)	24	(38)
The last of the first brood seen 2 Jun (PM) and the first of the second 26 Jun (MB). Also a late "tail" from 12 Oct (FS) to 30 Nov (TS), just possibly representing a partial third generation.					
1864	<i>Chesias legatella</i>	GB Status: Common	Streak		
First/Last:	1 Sep (AGJB)/14 Oct (KR & PJB)	Ten-km Squares:	2001 (> 1980)	4	(15)
Also a late example on 5 Nov (CR).					
1865	<i>Chesias rufata</i>	GB Status: Nb, BAP	Broom-tip		
First/Last:	15 May (JSB)/7 Jul (JPI)	Ten-km Squares:	2001 (> 1980)	4	(16)
1867	<i>Aplocera plagiata</i>	GB Status: Common	Treble-bar		
First/Last:	28 May (AGJB, MAEb & TP)/24 Sep (FS)	Ten-km Squares:	2001 (> 1980)	10	(34)
The last of the first brood seen 1 Jul (TS) and the first of the second 27 Jul (FS). A guide to separating this from the next species appeared in Atropos 13, pgs 43-44.					
1868	<i>Aplocera efformata</i>	GB Status: Common	Lesser Treble-bar		
First/Last:	25 May (AGJB)/31 Aug (KP)	Ten-km Squares:	2001 (> 1980)	4	(27)
The last of the first brood seen 27 May (FS & JSB) and the first of the second 16 Aug (JSB & KP).					
1874	<i>Euchoeca nebulata</i>	GB Status: Common	Dingy Shell		
First/Last:	1 Jul (KP)	Ten-km Squares:	2001 (> 1980)	1	(16)
1875	<i>Asthena albulata</i>	GB Status: Common	Small White Wave		
First/Last:	25 May (IDF)/6 Jul (AGJB)	Ten-km Squares:	2001 (> 1980)	6	(27)
A small clutch of records from 20 Jul (MC) to 27 Jul (KP) may have been from the partial second brood.					
1876	<i>Hydrelia flammeolaria</i>	GB Status: Common	Small Yellow Wave		
First/Last:	16 Jun (TS)/29 Jul (PMa)	Ten-km Squares:	2001 (> 1980)	13	(31)
1877	<i>Hydrelia sylvata</i>	GB Status: Nb, BAP1	Waved Carpet		
First/Last:	29 Jun (AGJB)/1 Jul (FS)	Ten-km Squares:	2001 (> 1980)	2	(14)
1879	<i>Lobophora halterata</i>	GB Status: Common	Seraphim		
First/Last:	13 May (FS)/12 Jun (TS)	Ten-km Squares:	2001 (> 1980)	3	(19)
1880	<i>Trichopteryx polycommata</i>	GB Status: Na, BAP1	Barred Tooth-striped		
First/Last:	24 Mar	Ten-km Squares:	2001 (> 1980)	1	(4*)
TR23(AGJB).					
1881	<i>Trichopteryx carpinata</i>	GB Status: Common	Early Tooth-striped		
First/Last:	9 Apr (PJB)/19 May (DR)	Ten-km Squares:	2001 (> 1980)	3	(19)

1882	<i>Pterapherapteryx sexalata</i>	GB Status: Common	Small Seraphim		
First/Last:	25 Jun (TR)	Ten-km Squares:	2001 (> 1980)	1	(7)
1883	<i>Acasis viretata</i>	GB Status: Local	Yellow-barred Brindle		
First/Last:	10 May (BBa, PPH & TR)/25 Sep (FS)	Ten-km Squares:	2001 (> 1980)	16	(37)
The last of the first brood seen 29 Jun (FS) and the first of the second 31 Jul (SPC).					
1884	<i>Abraxas grossulariata</i>	GB Status: Common	Magpie		
First/Last:	11 Jun (FS)/30 Aug (BBa)	Ten-km Squares:	2001 (> 1980)	19	(41)



1980-1998



1999-2002

The maps show this moth is becoming much more localised in West Kent. Gardening books imply there should be more caterpillars than fruit on my organic gooseberries but I have never seen larvae or moth on my allotment.

1885	<i>Abraxas sylvata</i>	GB Status: Common	Clouded Magpie		
First/Last:	2 Jul (IAP)/11 Aug (IDF & KP)	Ten-km Squares:	2001 (> 1980)	2	(10)
1887	<i>Lomaspilis marginata</i>	GB Status: Common	Clouded Border		
First/Last:	18 May (BBa)/23 Aug (KR)	Ten-km Squares:	2001 (> 1980)	32	(45)
1888	<i>Ligdia adustata</i>	GB Status: Common	Scorched Carpet		
First/Last:	19 May (JSB & TS)/23 Aug (BBa)	Ten-km Squares:	2001 (> 1980)	14	(35)
The last of the first brood seen 1 Jul (FS) and the first of the second 24 Jul (KR).					
1889	<i>Macaria notata</i>	GB Status: Local	Peacock Moth		
First/Last:	15 May (FS)/24 Aug (JSB & ML)	Ten-km Squares:	2001 (> 1980)	17	(40)
1890	<i>Macaria alternata</i>	GB Status: Common	Sharp-angled Peacock		
First/Last:	13 May (FS)/31 Aug (KR)	Ten-km Squares:	2001 (> 1980)	6	(16)
Phenology not clear cut but last of the first brood appears to be 10 Jul (SW) and the first of the second 27 Jul (FS).					
1893	<i>Macaria liturata</i>	GB Status: Common	Tawny-barred Angle		
First/Last:	11 Jun (JPI)/20 Aug (KP)	Ten-km Squares:	2001 (> 1980)	11	(35)
1894	<i>Chiasmia clathrata</i>	GB Status: Common	Latticed Heath		
First/Last:	10 May (FS)/24 Aug (AGJB)	Ten-km Squares:	2001 (> 1980)	12	(30)
The last of the first brood seen 30 Jun (FS) and the first of the second 20 Jul (KP).					
1902	<i>Petrophora chlorosata</i>	GB Status: Common	Brown Silver-line		
First/Last:	15 May (FS)/8 Jul (AGJB)	Ten-km Squares:	2001 (> 1980)	17	(38)
1903	<i>Plagodis pulveraria</i>	GB Status: Local	Barred Umber		
First/Last:	19 May (DR)/11 Jun (JP)	Ten-km Squares:	2001 (> 1980)	2	(11)
TQ93(DR) & TR16(JP).					
1904	<i>Plagodis dolabraria</i>	GB Status: Common	Scorched Wing		
First/Last:	30 May (IL)/29 Jul (FS)	Ten-km Squares:	2001 (> 1980)	20	(39)

1906 *Opisthograptis luteolata* GB Status: Common **Brimstone Moth**
 First/Last: 2 Apr (MC)/3 Oct (JSB) Ten-km Squares: 2001 (> 1980) 40 (50)
 Skinner (1998) states this species produces three broods over two years. It is possible to read from the phenology graph that there were three broods in 2001. There were certainly two low points with "gaps" between 1 Jun (PK & TS) to 5 Jun (FS & IDF) and 31 Jul (SPC) to 2 Aug (TS).

1907 *Epione repandaria* GB Status: Common **Bordered Beauty**
 First/Last: 4 Jul (BBa)/12 Oct (FS) Ten-km Squares: 2001 (> 1980) 6 (19)

1909 *Pseudopanthera macularia* GB Status: Common **Speckled Yellow**
 First/Last: 24 May (FS)/25 Jun (FS) Ten-km Squares: 2001 (> 1980) 6 (23)

1910 *Apeira syringaria* GB Status: Common **Lilac Beauty**
 First/Last: 27 Jun (SW)/31 Jul (JSB) Ten-km Squares: 2001 (> 1980) 10 (31)
 Skinner (1998) states this moth is single brooded. I have a small clutch of records from Aug/Sep implying an occasional partial second brood, but not this year. Atropos 10 (pg. 57) notes the individuals from this brood are typically smaller and more richly coloured than the main brood specimens.

1911 *Ennomos autumnaria* GB Status: Nb **Large Thorn**
 First/Last: 23 Aug (BBo)/24 Sep (GL) Ten-km Squares: 2001 (> 1980) 6 (19)

Some helpful notes on separating three of the next four Thorns appeared in Atropos 17, pgs 34-35 & plate 1.

1912 *Ennomos quercinaria* GB Status: Common **August Thorn**
 First/Last: 6 Aug (MPJ)/15 Aug (TS) Ten-km Squares: 2001 (> 1980) 4 (20)
 Also a late example on 19 Sep (PPH).

1913 *Ennomos alniaria* GB Status: Common **Canary-shouldered Thorn**
 First/Last: 28 Jul (AGJB)/23 Sep (PM & SW) Ten-km Squares: 2001 (> 1980) 15 (38)
 Also a late example on 23 Oct (GL).

1914 *Ennomos fuscantaria* GB Status: Common **Dusky Thorn**
 First/Last: 23 Jul (IDF)/28 Sep (PPH) Ten-km Squares: 2001 (> 1980) 12 (28)

1915 *Ennomos erosaria* GB Status: Common **September Thorn**
 First/Last: 18 Aug (DB)/29 Sep (ML) Ten-km Squares: 2001 (> 1980) 2 (19)
 TR34(ML) & TR35(DB).

Hints on separating the next three Thorns appeared in Atropos 16, pgs 24-25 & plate 2.

1917 *Selenia dentaria* GB Status: Common **Early Thorn**
 First/Last: 15 Mar (FS)/14 Aug (GL, PJB & TR) Ten-km Squares: 2001 (> 1980) 21 (45)
 The last of the first brood seen 5 May (SW) and the first of the second 5 Jul (KP).

1918 *Selenia lunularia* GB Status: Common **Lunar Thorn**
 First/Last: 23 Jun (DR)/25 Jul (PMn) Ten-km Squares: 2001 (> 1980) 2 (9)
 Skinner (1998) states single brooded in May/June. Most of my records fit this pattern but there is a small tail of late records to Aug from normally reliable recorders. I suspect the latter record above is one of these.

1919 *Selenia tetralunaria* GB Status: Common **Purple Thorn**
 First/Last: 27 Apr (FS)/14 Aug (PJB & TR) Ten-km Squares: 2001 (> 1980) 13 (35)
 The last of the first brood seen 15 May (KP) and the first of the second 10 Jul (SW).

1920 *Odontopera bidentata* GB Status: Common **Scalloped Hazel**
 First/Last: 11 May (PPH)/18 Jun (JSB) Ten-km Squares: 2001 (> 1980) 19 (37)

1921 *Crocallis elinguaris* GB Status: Common **Scalloped Oak**
 First/Last: 24 Jun (AGJB & IDF)/23 Sep (PM) Ten-km Squares: 2001 (> 1980) 31 (44)

1922 *Ourapteryx sambucaria* GB Status: Common **Swallow-tailed Moth**
 First/Last: 21 Jun (TS)/25 Aug (FS) Ten-km Squares: 2001 (> 1980) 25 (45)

1923 *Colotois pennaria* GB Status: Common **Feathered Thorn**
 First/Last: 10 Sep (BBo)/29 Nov (FS) Ten-km Squares: 2001 (> 1980) 22 (36)

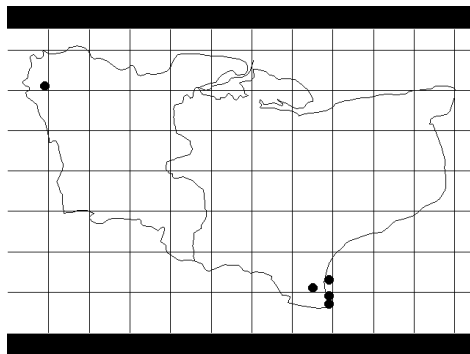
1924	<i>Angerona prunaria</i>	GB Status: Local	Orange Moth		
First/Last:	23 Jun (DR)/22 Jul (PMn & SPC)	Ten-km Squares:	2001 (> 1980)	7	(20)
1925	<i>Apocheima hispidaria</i>	GB Status: Common	Small Brindled Beauty		
First/Last:	11 Feb (FS)/22 Feb (GB)	Ten-km Squares:	2001 (> 1980)	2	(10)
1926	<i>Phigalia pilosaria</i>	GB Status: Common	Pale Brindled Beauty		
First/Last:	3 Feb (PJB)/14 Mar (OD)	Ten-km Squares:	2001 (> 1980)	12	(28)
1927	<i>Lycia hirtaria</i>	GB Status: Common	Brindled Beauty		
First/Last:	31 Mar (TS)/24 May (JSh)	Ten-km Squares:	2001 (> 1980)	10	(34)
1930	<i>Biston strataria</i>	GB Status: Common	Oak Beauty		
First/Last:	7 Mar (TS)/27 Apr (FS)	Ten-km Squares:	2001 (> 1980)	6	(29)
1931	<i>Biston betularia</i>	GB Status: Common	Peppered Moth		
First/Last:	17 May (PPH)/20 Aug (FS)	Ten-km Squares:	2001 (> 1980)	32	(46)
1932	<i>Agriopis leucophaearia</i>	GB Status: Common	Spring Usher		
First/Last:	23 Jan (KP)/19 Feb (KP)	Ten-km Squares:	2001 (> 1980)	4	(17)
1933	<i>Agriopis aurantiaria</i>	GB Status: Common	Scarce Umber		
First/Last:	3 Nov (KP)/12 Dec (KP)	Ten-km Squares:	2001 (> 1980)	2	(23)
1934	<i>Agriopis marginaria</i>	GB Status: Common	Dotted Border		
First/Last:	23 Jan (KP)/6 Apr (JSB)	Ten-km Squares:	2001 (> 1980)	13	(34)
	Also late example on 10 May (PPH).				
1935	<i>Erannis defoliaria</i>	GB Status: Common	Mottled Umber		
First/Last:	5 Jan (FS)/31 Dec (SW)	Ten-km Squares:	2001 (> 1980)	11	(29)
	Overwinters. Last spring specimen seen 7 Feb (KR) and first autumn example on 16 Oct (PJB). KP had 21 to light on 12 Dec near Sevenoaks.				
1936	<i>Menophra abruptaria</i>	GB Status: Common	Waved Umber		
First/Last:	10 May (BBa, DW, PS & TR)/20 Jul (MC)	Ten-km Squares:	2001 (> 1980)	20	(40)
1937	<i>Peribatodes rhomboidaria</i>	GB Status: Common	Willow Beauty		
First/Last:	28 May (GHZ)/27 Oct (PM)	Ten-km Squares:	2001 (> 1980)	37	(46)
	If there were two generations, the last of the first brood was seen 12 Sep (GHZ) and first of the second 24 Sep (MPJ).				
1940	<i>Deileptenia ribeata</i>	GB Status: Common	Satin Beauty		
First/Last:	21 Jun (IL)	Ten-km Squares:	2001 (> 1980)	1	(8)
1941	<i>Alcis repandata</i>	GB Status: Common	Mottled Beauty		
First/Last:	5 Jun (FS & PM)/13 Aug (MPJ)	Ten-km Squares:	2001 (> 1980)	30	(46)
1944	<i>Hypomecis punctinalis</i>	GB Status: Common	Pale Oak Beauty		
First/Last:	13 May (FS)/6 Jul (AGJB)	Ten-km Squares:	2001 (> 1980)	15	(35)
1947	<i>Ectropis bistortata</i>	GB Status: Common	Engrailed		
First/Last:	14 Mar (PJB)/6 Sep (SW)	Ten-km Squares:	2001 (> 1980)	17	(43)
	The last of the first brood seen 19 May (DR) and the first of the second 23 Jun (ML). Also a late example 13 Oct (KR).				
1949	<i>Paradarisa consonaria</i>	GB Status: Local	Square Spot		
First/Last:	23 May	Ten-km Squares:	2001 (> 1980)	1	(13)
	TQ55(KP).				
1950	<i>Parectropis similaria</i>	GB Status: Local	Brindled White-spot		
First/Last:	11 Jun (JPI)/29 Jun (AGJB & KP)	Ten-km Squares:	2001 (> 1980)	5	(18)
	Previously known as <i>Paradarisa extersaria</i>				
1951	<i>Aethalura punctulata</i>	GB Status: Common	Grey Birch		
First/Last:	19 May (DR)/11 Jun (JPI)	Ten-km Squares:	2001 (> 1980)	3	(17)

1952	<i>Ematurga atomaria</i>	GB Status: Common	Common Heath		
First/Last:	12 May (GH)/25 Jun (FS)	Ten-km Squares:	2001 (> 1980)	3	(17)
No sightings of the second generation this year.					
1954	<i>Bupalus piniaria</i>	GB Status: Common	Bordered White		
First/Last:	11 Jun (JPI)/6 Jul (AGJB)	Ten-km Squares:	2001 (> 1980)	6	(21)
1855	<i>Cabera pusaria</i>	GB Status: Common	Common White Wave		
First/Last:	13 May (FS)/28 Aug (MPJ)	Ten-km Squares:	2001 (> 1980)	32	(46)
1956	<i>Cabera exanthemata</i>	GB Status: Common	Common Wave		
First/Last:	13 May (FS)/21 Sep (KR)	Ten-km Squares:	2001 (> 1980)	24	(44)
The phenology graph was not easy to interpret. There was a break between 30 Jul (MPJ) and 11 Aug (EGP, IRC & PMA) which may have marked two broods.					
1957	<i>Lomographa bimaculata</i>	GB Status: Common	White-pinion Spotted		
First/Last:	13 May (FS)/27 Jun (PJB)	Ten-km Squares:	2001 (> 1980)	13	(27)
KP had a late specimen on 20 Aug, and ML one on 25 Aug. I have only one previous Aug record (9 Aug 1980, TH). These hint at the possibility of a partial second brood, not mentioned in the standard reference books.					
1958	<i>Lomographa temerata</i>	GB Status: Common	Clouded Silver		
First/Last:	27 May (TS)/2 Aug (FS)	Ten-km Squares:	2001 (> 1980)	24	(42)
1960	<i>Theria primaria</i>	GB Status: Common	Early Moth		
First/Last:	23 Jan (KP)/15 Feb (JL)	Ten-km Squares:	2001 (> 1980)	3	(20)
1961	<i>Campaea margaritata</i>	GB Status: Common	Light Emerald		
First/Last:	26 May (PPH)/2 Oct (FS)	Ten-km Squares:	2001 (> 1980)	33	(46)
The last of the first brood seen 24 Jul (SPC) and the first of the second 15 Aug (GHZ).					
1962	<i>Hylaea fasciaria</i>	GB Status: Common	Barred Red		
First/Last:	22 Jun (KP)/25 Jul (SW)	Ten-km Squares:	2001 (> 1980)	9	(18)
Also a late example on 4 Oct (KR – ab <i>prasinaria</i>), one of three late records I have hinting at a partial second brood.					
1964	<i>Charissa obscurata</i>	GB Status: Common	Annulet		
First/Last:	29 Aug (ML)	Ten-km Squares:	2001 (> 1980)	1	(4)
1966	<i>Siona lineata</i>	GB Status: RDB1, BAP1, Sch. 5	Black-veined Moth		
First/Last:	8 Jun (PPH)	Ten-km Squares:	2001 (> 1980)	1	(2)
An update on the progress of this moth appeared in Ent Rec 114, pgs 151-153.					
1967	<i>Aspitates gilvaria</i>	GB Status: RDB3, BAP1	Straw Belle		
First/Last:	1 Aug (FS)/22 Aug (GC)	Ten-km Squares:	2001 (> 1980)	2	(12)
In Kent, recently reported from eight sites. Outside Kent, apparently confined to just two sites in Surrey.					
1968	<i>Semiaspitates ochrearia</i>	GB Status: Local	Yellow Belle		
First/Last:	4 May (AGJB)/5 Sep (FS)	Ten-km Squares:	2001 (> 1980)	8	(17)
The last of the first brood seen 5 Jun (FS) and the first of the second 13 Aug (FS). Also late example on 12 Oct (KR).					

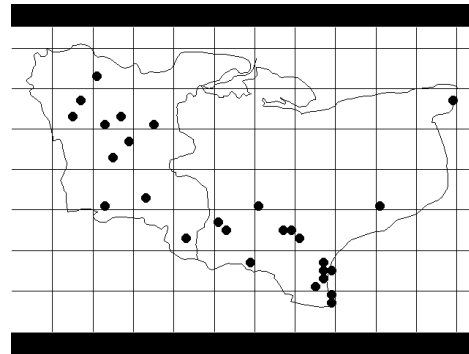
SPHINGIDAE (11 species)

1972	<i>Agrius convolvuli</i>	GB Status: Migrant	Convolvulus Hawk-moth		
First/Last:	30 Aug (FS)/22 Oct (FS)	Ten-km Squares:	2001 (> 1980)	4	(24)
1973	<i>Acherontia atropos</i>	GB Status: Migrant	Death's Head Hawk-moth		
First/Last:	22 Aug (GL)/26 Aug (SW)	Ten-km Squares:	2001 (> 1980)	1	(6)
TRO1(GL & SW).					
1976	<i>Sphinx ligustri</i>	GB Status: Common	Privet Hawk-moth		
First/Last:	26 May (PPH)/7 Sep (MAEb)	Ten-km Squares:	2001 (> 1980)	18	(27*)

1978 *Hyloicus pinastris* GB Status: Common **Pine Hawk-moth**
 First/Last: 29 May (KR)/13 Aug (BBa) Ten-km Squares: 2001 (> 1980) 8 (18)



1980-95



1996-2002

The maps show the change in range over the last twenty-three years. An article in Ent Rec 114 (pages 235-268) discusses the status of this moth in the British Isles and concludes the present expansion came from the Dorset colony. The article also mentions that a visually very similar species, *S. maurorum*, is expanding its range in Europe.

1979 *Mimas tiliae* GB Status: Common **Lime Hawk-moth**
 First/Last: 10 May (TS)/27 Jul (DWr) Ten-km Squares: 2001 (> 1980) 20 (31*)

1980 *Smerinthus ocellata* GB Status: Common **Eyed Hawk-moth**
 First/Last: 13 May (KR)/23 Aug (GL) Ten-km Squares: 2001 (> 1980) 17 (30*)

1981 *Laothoe populi* GB Status: Common **Poplar Hawk-moth**
 First/Last: 13 May (FS & PPH)/2 Sep (BBa) Ten-km Squares: 2001 (> 1980) 27 (40*)
 If there were two generations, they overlapped in Jul/Aug producing a large number of records then.

1984 *Macroglossum stellatarum* GB Stat us: Migrant **Humming-bird Hawk-moth**
 First/Last: 13 Jun (PW)/20 Oct (BDS) Ten-km Squares: 2001 (> 1980) 10 (27*)
 Also an early example on 3 Apr (RB) at Sandwich.

1990 *Hyles livornica* GB Status: Migrant **Striped Hawk-moth**
 First/Last: 28 Jun (EC)/29 Jun (EC) Ten-km Squares: 2001 (> 1980) 1 (5)

1991 *Deilephila elpenor* GB Status: Common **Elephant Hawk-moth**
 First/Last: 20 May (AGJB)/14 Aug (BBa) Ten-km Squares: 2001 (> 1980) 27 (44*)

1992 *Deilephila porcellus* GB Status: Common **Small Elephant Hawk-moth**
 First/Last: 17 May (FS)/5 Jul (FS) Ten-km Squares: 2001 (> 1980) 5 (24)
 Also a late example on 14 Aug (KR).

NOTODONTIDAE (18 species)

1995 *Cerura vinula* GB Status: Common **Puss Moth**
 First/Last: 5 May (DB)/24 Jun (AGJB) Ten-km Squares: 2001 (> 1980) 9 (21*)

1996 *Furcula bicuspis* GB Status: Local **Alder Kitten**
 First/Last: 12 May (TR)/27 Jun (PJB) Ten-km Squares: 2001 (> 1980) 3 (10)

1997 *Furcula furcula* GB Status: Common **Sallow Kitten**
 First/Last: 20 May (AGJB, MAEb & TP)/23 Aug (GL) Ten-km Squares: 2001 (> 1980) 17 (30*)
 The last of the first brood seen 3 Jul (TN) and the first of the second 26 Jul (PPH).

1998 *Furcula bifida* GB Status: Common **Poplar Kitten**
 First/Last: 19 May (DR)/23 Jun (DR) Ten-km Squares: 2001 (> 1980) 1 (13)

2000 *Notodonta dromedarius* GB Status: Common **Iron Prominent**
 First/Last: 13 May (FS)/22 Aug (MPJ) Ten-km Squares: 2001 (> 1980) 25 (39*)
 The last of the first brood seen 6 Jul (AGJB & PM) and the first of the second 22 Jul (AGJB & SPC).

2003	<i>Notodonta ziczac</i>	GB Status: Common	Pebble Prominent		
First/Last:	10 May (AB, AGJB, IDF, PS)/30 Aug (GL)	Ten-km Squares:	2001 (> 1980)	21	(35*)
The last of the first brood seen 6 Jul (AGJB) and first of the second 18 Jul (PMn). Also an early example 26 Apr (PJB).					
2006	<i>Pheosia gnoma</i>	GB Status: Common	Lesser Swallow Prominent		
First/Last:	3 May (PJB)/3 Sep (PJB)	Ten-km Squares:	2001 (> 1980)	11	(31*)
The last of the first brood seen 1 Jun (ML) and the first of the second 23 Jul (PPH).					
2007	<i>Pheosia tremula</i>	GB Status: Common	Swallow Prominent		
First/Last:	5 May (DB)/5 Sep (FS)	Ten-km Squares:	2001 (> 1980)	22	(36*)
The last of the first brood seen 2 Jul (FS) and the first of the second 27 Jul (FS).					
2008	<i>Ptilodon capucina</i>	GB Status: Common	Coxcomb Prominent		
First/Last:	19 May (DR)/23 Aug (FS & GB)	Ten-km Squares:	2001 (> 1980)	20	(32*)
The last of the first brood seen 11 Jul (KP) and the first of the second 24 Jul (SPC).					
2009	<i>Ptilodon cucullina</i>	GB Status: Local	Maple Prominent		
First/Last:	25 May (TR)/25 Aug (ML)	Ten-km Squares:	2001 (> 1980)	10	(23*)
Single brooded per Skinner (1998) but there was a distinct break between 10 Jul (PPH) and the next on 30 Jul (ML).					
2011	<i>Pterostoma palpina</i>	GB Status: Common	Pale Prominent		
First/Last:	30 Apr (AB)/28 Aug (JSh)	Ten-km Squares:	2001 (> 1980)	27	(41*)
The last of the first brood seen 30 Jun (FS) and the first of the second 14 Jul (GB).					
2014	<i>Drymonia dodonaea</i>	GB Status: Common	Marbled Brown		
First/Last:	12 May (JSh)/23 May (KP)	Ten-km Squares:	2001 (> 1980)	3	(13*)
2015	<i>Drymonia ruficornis</i>	GB Status: Common	Lunar Marbled Brown		
First/Last:	14 Apr (PPH)/14 May (PJB)	Ten-km Squares:	2001 (> 1980)	6	(18*)
2019	<i>Clostera curtula</i>	GB Status: Common	Chocolate-tip		
First/Last:	12 May (AGJB)/3 Aug (KR)	Ten-km Squares:	2001 (> 1980)	7	(20)
The last of the first brood seen 30 May (MB) and the first of the second 25 Jul (GL).					
1994	<i>Phalera bucephala</i>	GB Status: Common	Buff-tip		
First/Last:	26 May (AB & DW)/1 Aug (BBo)	Ten-km Squares:	2001 (> 1980)	22	(40*)
1999	<i>Stauropus fagi</i>	GB Status: Common	Lobster Moth		
First/Last:	19 May (DR)/22 Jul (SPC)	Ten-km Squares:	2001 (> 1980)	12	(30)
2005	<i>Peridea anceps</i>	GB Status: Common	Great Prominent		
First/Last:	19 May (DR)	Ten-km Squares:	2001 (> 1980)	1	(6*)
2020	<i>Diloba caeruleocephala</i>	GB Status: Common	Figure of Eight		
First/Last:	10 Oct (FS)/26 Oct (FS)	Ten-km Squares:	2001 (> 1980)	3	(16)

LYMANTRIIDAE (7 species)

2026	<i>Orgyia antiqua</i>	GB Status: Common	Vapourer		
First/Last:	1 Jul (TS)/20 Oct (FS)	Ten-km Squares:	2001 (> 1980)	16	(32*)
The main generation appeared to extend into October and possibly overlap with examples of the rare partial second brood. Late sightings were on 3 Nov (FS & PM) and 10 Nov (FS). With global warming, this might become the norm.					
2027	<i>Dicallomera fascelina</i>	GB Status: Local	Dark Tussock		
First/Last:	19 Jun (DW)/14 Aug (DW)	Ten-km Squares:	2001 (> 1980)	2	(2)
2028	<i>Calliteara pudibunda</i>	GB Status: Common	Pale Tussock		
First/Last:	9 May (PJB)/25 Jun (FS)	Ten-km Squares:	2001 (> 1980)	21	(37*)
2029	<i>Euproctis chrysorrhoea</i>	GB Status: Common	Brown-tail		
First/Last:	30 Jun (FS & DW)/15 Aug (KR)	Ten-km Squares:	2001 (> 1980)	20	(33*)
2030	<i>Euproctis similis</i>	GB Status: Common	Yellow-tail		
First/Last:	1 Jul (KR)/21 Aug (FS)	Ten-km Squares:	2001 (> 1980)	27	(41*)

2031 *Leucoma salicis* GB Status: Common **White Satin Moth**
 First/Last: 24 Jul (GL)/28 Jul (TS) Ten-km Squares: 2001 (> 1980) 2 (8)
 All the Maidstone Museum records are pre-1980.

2033 *Lymantria monacha* GB Status: Common **Black Arches**
 First/Last: 22 Jul (BBo & SPC)/24 Aug (SW) Ten-km Squares: 2001 (> 1980) 9 (20)

ARCTIIDAE (25 species)

2035 *Thumatha senex* GB Status: Common **Round-winged Muslin**
 First/Last: 24 Jun (AGJB)/13 Aug (FS) Ten-km Squares: 2001 (> 1980) 6 (12*)

2036 *Setina irrorella* GB Status: Na **Dew Moth**
 First/Last: 27 May Ten-km Squares: 2001 (> 1980) 1 (4)
 TR24(TR).

2037 *Miltochrista miniata* GB Status: Common **Rosy Footman**
 First/Last: 23 Jun (DR)/19 Aug (JSB) Ten-km Squares: 2001 (> 1980) 19 (38)
 FS had some 250 to light on 29 Jul at East Blean.

2039 *Atolmis rubricollis* GB Status: Local **Red-necked Footman**
 First/Last: 31 May (PPH)/5 Jul (FS) Ten-km Squares: 2001 (> 1980) 6 (9)

2040 *Cybosia mesomella* GB Status: Common **Four-dotted Footman**
 First/Last: 13 Jun (JPI)/28 Jul (JP) Ten-km Squares: 2001 (> 1980) 3 (13)
 All bar one record this year were coastal and probably migrants.

2041 *Pelosia muscerda* GB Status: RDB3, BAP & Migrant **Dotted Footman**
 First/Last: 5 Jul (SPC) Ten-km Squares: 2001 (> 1980) 1 (5*)

2043 *Eilema sororcula* GB Status: Local, BAP **Orange Footman**
 First/Last: 15 May (FS)/16 Jun (FS) Ten-km Squares: 2001 (> 1980) 4 (13)

2044 *Eilema griseola* GB Status: Common **Dingy Footman**
 First/Last: 5 Jul (FS)/25 Aug (FS & JSB) Ten-km Squares: 2001 (> 1980) 11 (21)

2045 *Eilema caniola* GB Status: Nb & Migrant **Hoary Footman**
 First/Last: 13 Oct Ten-km Squares: 2001 (> 1980) 1 (1*)
 TR02(KR) at Lydd. The third Dungeness area record. I am aware of only five records for Kent in the twentieth century.

2046 *Eilema pygmaeola pygmaeola* GB Status: RDB3 **Pygmy Footman**
 First/Last: 30 Jun (DR)/13 Aug (FS) Ten-km Squares: 2001 (> 1980) 2 (7)

2046 *Eilema pygmaeola pallifrons* GB Status: pRDB1, BAP **Pigmy Footman**
 First/Last: 1 Jul (KR)/5 Aug (DW) Ten-km Squares: 2001 (> 1980) 2 (2)
 The pale form resident on the shingle at Dungeness. Some people question if this merits sub-species status.

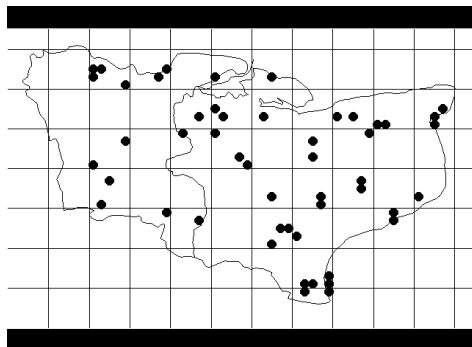
2047 *Eilema complana* GB Status: Common **Scarce Footman**
 First/Last: 12 Jun (IH)/30 Aug (IL) Ten-km Squares: 2001 (> 1980) 31 (38*)
 FS had some 100 to light on 29 Jul.

2049 *Eilema depressa* GB Status: Common **Buff Footman**
 First/Last: 6 Jul (AGJB)/20 Aug (SW) Ten-km Squares: 2001 (> 1980) 13 (24)

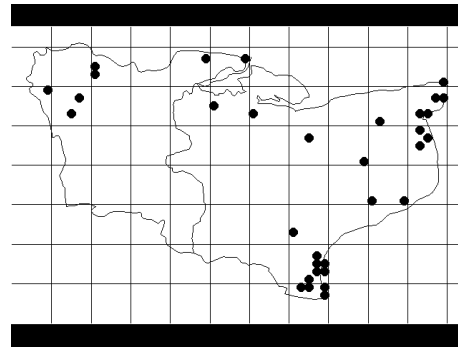
2050 *Eilema lurideola* GB Status: Common **Common Footman**
 First/Last: 12 Jun (IH & PPH)/30 Aug (IL) Ten-km Squares: 2001 (> 1980) 34 (44*)
 FS had some 120 to light on 29 Jul.

2051 *Lithosia quadra* GB Status: Migrant **Four-spotted Footman**
 First/Last: 7 Jul (RT)/28 Sep (FS) Ten-km Squares: 2001 (> 1980) 3 (9)
 A migrant in Kent, with dates consistently Jun/Jul and Sep although single brooded where resident in the UK.

2057 *Arctia caja* GB Status: Common **Garden Tiger**
 First/Last: 24 Jun (KR)/25 Aug (FS) Ten-km Squares: 2001 (> 1980) 12 (33)



1980-1997



1998-2002

The maps show the range of this once common moth has shrunk and become much more coastal in Kent.

2058 *Arctia villica* GB Status: Local **Cream-spot Tiger**
 First/Last: 29 May (DW & KR)/18 Jun (DCo & KR) Ten-km Squares: 2001 (> 1980) 5 (15*)
 DW had 15 on 11 Jun at Dungeness.

2059 *Diacrisia sannio* GB Status: Local **Clouded Buff**
 First/Last: 9 Jun (KP) Ten-km Squares: 2001 (> 1980) 1 (4)

2060 *Spilosoma lubricipeda* GB Status: Common **White Ermine**
 First/Last: 13 May (FS)/21 Jul (KA) Ten-km Squares: 2001 (> 1980) 28 (42*)

2061 *Spilosoma luteum* GB Status: Common **Buff Ermine**
 First/Last: 12 May (AGJB)/30 Aug (DWr) Ten-km Squares: 2001 (> 1980) 27 (43*)

2062 *Spilosoma urticae* GB Status: Nb, BAP **Water Ermine**
 First/Last: 9 Jun (KR)/13 Jul (DB) Ten-km Squares: 2001 (> 1980) 4 (16)

2063 *Diaphora mendica* GB Status: Common **Muslin Moth**
 First/Last: 18 Apr (AGJB)/5 Jun (KR) Ten-km Squares: 2001 (> 1980) 15 (32)

2064 *Phragmatobia fuliginosa* GB Status: Common **Ruby Tiger**
 First/Last: 18 May (PJB)/26 Aug (TS) Ten-km Squares: 2001 (> 1980) 23 (43*)
 The last of the first brood seen 26 May (MC) and the first of the second 6 Jul (DW).

2067 *Euplagia quadripunctaria* GB Status: Nb **Jersey Tiger**
 First/Last: 23 Aug Ten-km Squares: 2001 (> 1980) 1 (2*)
 TR34(ML). This is the third Kent record, appearing to be a genuine immigrant and not an escape from captivity. The first was ca 1876 and the second 1992.

2068 *Callimorpha dominula* GB Status: Local **Scarlet Tiger**
 First/Last: 4 Jul (DW) Ten-km Squares: 2001 (> 1980) 1 (5)
 The resident Kent population is so small it is not exporting moths and this example looks like a probable migrant.

2069 *Tyria jacobaeae* GB Status: Common **Cinnabar**
 First/Last: 9 May (KR)/27 Jul (FS) Ten-km Squares: 2001 (> 1980) 24 (44*)

NOLIDAE (4 species)

2076 *Meganola albula* GB Status: Nb **Kent Black Arches**
 First/Last: 24 Jun (KR)/22 Aug (KR) Ten-km Squares: 2001 (> 1980) 8 (17)

2077 *Nola cucullatella* GB Status: Common **Short-cloaked Moth**
 First/Last: 20 Jun (KR)/20 Jul (KP) Ten-km Squares: 2001 (> 1980) 12 (24*)
 Also a late example on 23 Aug (KR).

2078 *Nola confusalis* GB Status: Local **Least Black Arches**
 First/Last: 10 May (KP & TR)/21 Jun (OD) Ten-km Squares: 2001 (> 1980) 17 (26)

2079 *Nola aerugula* GB Status: Appendix (extinct) **Scarce Black Arches**
 First/Last: 22 Jul Ten-km Squares: 2001 (> 1980) 1 (4)
 TR35(DB). Only one this year, so no evidence of this immigrant re-establishing itself after the vintage year 1999.

NOCTUIDAE (236 species)

2081 *Euxoa tritici* GB Status: Common **White-line Dart**
 First/Last: 3 Jul (GL)/28 Aug (AGJB) Ten-km Squares: 2001 (> 1980) 8 (14)

2082 *Euxoa nigricans* GB Status: Common **Garden Dart**
 First/Last: 8 Jul (RH)/29 Aug (KA) Ten-km Squares: 2001 (> 1980) 8 (29)

2084 *Agrotis cinerea* GB Status: Nb, BAP **Light Feathered Rustic**
 First/Last: 12 May (ABI)/27 Jun (DW) Ten-km Squares: 2001 (> 1980) 3 (13)

2085 *Agrotis vestigialis* GB Status: Common **Archer's Dart**
 First/Last: 19 Jun (ABI)/23 Sep (GL) Ten-km Squares: 2001 (> 1980) 6 (7)

2087 *Agrotis segetum* GB Status: Common **Turnip Moth**
 First/Last: 21 May (JSh)/11 Nov (FS) Ten-km Squares: 2001 (> 1980) 22 (40)
 All broods overlapped, the first and second in Jul and the late records suggested a third brood from Sep.

2088 *Agrotis clavis* GB Status: Common **Heart & Club**
 First/Last: 14 Jun (FS)/29 Jul (FS) Ten-km Squares: 2001 (> 1980) 18 (35)

2089 *Agrotis exclamationis* GB Status: Common **Heart & Dart**
 First/Last: 18 May (KA & MB)/11 Sep (FS) Ten-km Squares: 2001 (> 1980) 33 (45)
 TS had 233 on 1 Jul. Also a late example on 5 Oct (BBa). Skinner (1998) gives the flight time as "mid-May to July"; if the records from Aug onwards were from a partial second brood, it overlapped with the first.

2091 *Agrotis ipsilon* GB Status: Migrant **Dark Sword-grass**
 First/Last: 3 Apr (FS)/24 Nov (FS) Ten-km Squares: 2001 (> 1980) 24 (38)

2092 *Agrotis puta* GB Status: Common **Shuttle Shaped Dart**
 First/Last: 23 Apr (PMn)/25 Oct (BBa) Ten-km Squares: 2001 (> 1980) 34 (46)
 There appeared to be two broods overlapping in Jul.

2093 *Agrotis ripae* GB Status: Nb **Sand Dart**
 First/Last: 13 Jun (DW)/23 Jul (BBa) Ten-km Squares: 2001 (> 1980) 4 (4)

2098 *Axyليا putris* GB Status: Common **Flame**
 First/Last: 27 May (TS)/23 Aug (BBo) Ten-km Squares: 2001 (> 1980) 26 (45)

2099 *Actebia praecox* GB Status: Nb **Portland Moth**
 First/Last: 21 Aug (ML) Ten-km Squares: 2001 (> 1980) 1 (3)

2102 *Ochropleura plecta* GB Status: Common **Flame Shoulder**
 First/Last: 23 Apr (PMn)/25 Sep (PJB) Ten-km Squares: 2001 (> 1980) 38 (47)
 The two broods overlapped in Jul.

2105 *Rhyacia simulans* GB Status: Local **Dotted Rustic**
 First/Last: 30 Jul (FS)/11 Aug (IRC) Ten-km Squares: 2001 (> 1980) 2 (19)
 None were noted this year after aestivation.

2107 *Noctua pronuba* GB Status: Common **Large Yellow Underwing**
 First/Last: 13 May (FS)/20 Nov (FS) Ten-km Squares: 2001 (> 1980) 38 (49)
 FS had 293 to light on 26 Aug at Kingsgate. DB had 420 to light on 3 Jul at Sandwich Bay. These may be migrants.

2109 *Noctua comes* GB Status: Common **Lesser Yellow Underwing**
 First/Last: 20 Jun (BBa)/1 Dec (CR) Ten-km Squares: 2001 (> 1980) 37 (49)

2110	<i>Noctua fimbriata</i>	GB Status: Common	Broad-bordered Yellow Underwing		
First/Last:	4 Jul (JPI)/12 Oct (FS)	Ten-km Squares:	2001 (> 1980)	27	(45)
2111	<i>Noctua janthe</i>	GB Status: Common	Lesser Broad-bordered Yellow Underwing		
First/Last:	16 Jul (KR)/23 Sep (FS)	Ten-km Squares:	2001 (> 1980)	34	(45)
	Also a late example on 13 Oct (PPH).				
2112	<i>Noctua interjecta</i>	GB Status: Common	Least Yellow Underwing		
First/Last:	4 Jul (PPH)/14 Sep (DB)	Ten-km Squares:	2001 (> 1980)	21	(39)
2117	<i>Eugnorisma glareosa</i>	GB Status: Common	Autumnal Rustic		
First/Last:	3 Sep (PJB)/14 Oct (GL & KR)	Ten-km Squares:	2001 (> 1980)	6	(21)
2118	<i>Lycophotia porphyrea</i>	GB Status: Common	True Lover's Knot		
First/Last:	21 Jun (BBa)/23 Aug (KP)	Ten-km Squares:	2001 (> 1980)	13	(32)
2119	<i>Peridroma saucia</i>	GB Status: Migrant	Pearly Underwing		
First/Last:	9 Jun (DB)/20 Nov (FS)	Ten-km Squares:	2001 (> 1980)	9	(29)
2120	<i>Diarsia mendica</i>	GB Status: Common	Ingrailed Clay		
First/Last:	27 May (PM)/8 Jul (DWr)	Ten-km Squares:	2001 (> 1980)	16	(39)
	I have omitted a batch of records between 20 Jul and 27 Aug in case the apparent (but unknown) second brood of this moth results from confusion with second brood 2123 <i>D. rubi</i> Small Square-spot . This is probably too harsh but I would appreciate sight of a specimen or photograph of any late examples in future.				
2122	<i>Diarsia brunnea</i>	GB Status: Common	Purple Clay		
First/Last:	13 Jun (DGo)/22 Jul (SPC)	Ten-km Squares:	2001 (> 1980)	7	(30)
2123	<i>Diarsia rubi</i>	GB Status: Common	Small Square-spot		
First/Last:	25 May (BBo)/4 Oct (SPC)	Ten-km Squares:	2001 (> 1980)	27	(45)
	Last of the first brood seen 9 Jul (FS) and first of the second 29 Jul (DWr & PMA). Also an early example 5 May (DB).				
2126	<i>Xestia c-nigrum</i>	GB Status: Common	Setaceous Hebrew Character		
First/Last:	13 May (BBo)/28 Oct (GL)	Ten-km Squares:	2001 (> 1980)	34	(46)
	The last of the first brood appeared to be 30 Jul (OD) and the first of the second 6 Aug (FS).				
2127	<i>Xestia ditrapezium</i>	GB Status: Common	Triple-spotted Clay		
First/Last:	25 Jul (PMa)	Ten-km Squares:	2001 (> 1980)	1	(9)
2128	<i>Xestia triangulum</i>	GB Status: Common	Double Square-spot		
First/Last:	5 Jun (IL)/11 Aug (KP)	Ten-km Squares:	2001 (> 1980)	23	(44)
2130	<i>Xestia baja</i>	GB Status: Common	Dotted Clay		
First/Last:	21 Jul (PJB)/15 Aug (PJB)	Ten-km Squares:	2001 (> 1980)	1	(24)
2133	<i>Xestia sexstrigata</i>	GB Status: Common	Six-striped Rustic		
First/Last:	1 Aug (ML)/Sep (GL & KR)	Ten-km Squares:	2001 (> 1980)	12	(32)
2134	<i>Xestia xanthographa</i>	GB Status: Common	Square-spot Rustic		
First/Last:	10 Jul (PM)/22 Oct (FS)	Ten-km Squares:	2001 (> 1980)	34	(46)
2136	<i>Naenia typica</i>	GB Status: Common	Gothic		
First/Last:	6 Jul (IH)/11 Aug (EGP)	Ten-km Squares:	2001 (> 1980)	5	(21)
2138	<i>Anaplectoides prasina</i>	GB Status: Common	Green Arches		
First/Last:	29 Jun (AGJB)	Ten-km Squares:	2001 (> 1980)	1	(9)
2139	<i>Cerastis rubricosa</i>	GB Status: Common	Red Chestnut		
First/Last:	24 Mar (AGJB)/27 Apr (TR)	Ten-km Squares:	2001 (> 1980)	3	(26)
2142	<i>Anarta myrtilli</i>	GB Status: Common	Beautiful Yellow Underwing		
First/Last:	23 Aug	Ten-km Squares:	2001 (> 1980)	1	(4)
	TQ64(KP).				

2145	<i>Discestra trifolii</i>	GB Status: Common	Nutmeg		
First/Last:	28 May (FS)/8 Sep (BBa)		Ten-km Squares: 2001 (> 1980)	11	(35)
Last of the first brood appeared to be 6 Jul (DB) and first of the second 14 Jul (FS). Also a late example 4 Oct on (FS).					
2147	<i>Hada plebeja</i>	GB Status: Common	Shears		
First/Last:	25 May (PJB)/10 Jul (PPH)		Ten-km Squares: 2001 (> 1980)	17	(35)
The partial second brood was noted from 30 Jul (DW) to 18 Aug (PMn) with a late example on 30 Sep (TS).					
2150	<i>Pollia nebulosa</i>	GB Status: Common	Grey Arches		
First/Last:	23 Jun (DR)/28 Jul (JSB)		Ten-km Squares: 2001 (> 1980)	8	(28)
2152	<i>Sideridis albicolon</i>	GB Status: Nb	White Colon		
First/Last:	13 May (FS)/14 Jul (FS)		Ten-km Squares: 2001 (> 1980)	4	(7)
Too few records to decide if the last seen specimen was a late first brood example or an early second generation.					
2153	<i>Heliophobus reticulata</i>	GB Status: Na, BAP1	Bordered Gothic		
First/Last:	27 May/20 Jun		Ten-km Squares: 2001 (> 1980)	1	(4)
TQ67(DA).					
2154	<i>Mamestra brassicae</i>	GB Status: Common	Cabbage Moth		
First/Last:	9 May (AGJB)/20 Oct (KR)		Ten-km Squares: 2001 (> 1980)	26	(42)
The last of the first brood was seen on 1 Jul (MC) and the first of the second 15 Jul (MAEB & TP).					
2155	<i>Melanchra persicariae</i>	GB Status: Common	Dot Moth		
First/Last:	21 Jun (FS)/18 Aug (TS)		Ten-km Squares: 2001 (> 1980)	21	(45)
Also late examples on 27 Sep (DB) and 28 Sep (TS).					
2163	<i>Melanchra pisi</i>	GB Status: Common	Broom Moth		
First/Last:	29 May (DW)/4 Jul (KR)		Ten-km Squares: 2001 (> 1980)	6	(31)
2157	<i>Lacanobia w-latinum</i>	GB Status: Common	Light Brocade		
First/Last:	19 May (DW & PPH)/5 Jul (DB)		Ten-km Squares: 2001 (> 1980)	15	(28)
2158	<i>Lacanobia thalassina</i>	GB Status: Common	Pale-shouldered Brocade		
First/Last:	26 May (MB)/7 Jul (PPH)		Ten-km Squares: 2001 (> 1980)	8	(28)
The example on 26 Jul (DR) could have represented the partial second generation.					
2159	<i>Lacanobia suasa</i>	GB Status: Common	Dog's Tooth		
First/Last:	13 May (FS)/25 Aug (KR)		Ten-km Squares: 2001 (> 1980)	7	(17)
The last of the first brood was seen on 5 Jul (FS) and the first of the second 20 Jul (FS).					
2160	<i>Lacanobia oleracea</i>	GB Status: Common	Bright-line Brown-eye		
First/Last:	10 May (BBa & FS)/20 Oct (BBa)		Ten-km Squares: 2001 (> 1980)	33	(47)
The two broods overlapped in Jul.					
2164	<i>Hecatera bicolorata</i>	GB Status: Common	Broad-barred White		
First/Last:	18 Jun (FS & PM)/11 Aug (PM & SW)		Ten-km Squares: 2001 (> 1980)	15	(31)
Also three early examples on 19 May (BBa & DW) and 20 May (AGJB).					
2165	<i>Hecatera dysodea</i>	GB Status: RDBK	Small Ranunculus		
First/Last:	24 Jul (AGJB)/26 Aug (TS)		Ten-km Squares: 2001 (> 1980)	5	(7*)
Skinner (1998) states "single-brooded, flying in June and July". I have insufficient data to distinguish between an extended single brood and two overlapping broods. Thus it is difficult to interpret the example on 5 Jun (TS).					
2166	<i>Hadena rivularis</i>	GB Status: Common	Campion		
First/Last:	19 May (PPH & PS)/2 Sep (FS)		Ten-km Squares: 2001 (> 1980)	15	(32)
The last of the first brood was seen on 26 Jun (TS) and the first of the second 18 Jul (TS).					
2167	<i>Hadena perplexa</i>	GB Status: Common	Tawny Shears		
First/Last:	9 May (DW)/25 Aug (DW)		Ten-km Squares: 2001 (> 1980)	5	(23)
The break between the broods probably fell in Jul but not enough records to be certain.					
2170	<i>Hadena compta</i>	GB Status: Common	Varied Coronet		
First/Last:	30 May (DWr)/23 Jul (FS)		Ten-km Squares: 2001 (> 1980)	11	(23)

2171	<i>Hadena confusa</i>	GB Status: Common	Marbled Coronet		
First/Last:	29 May (DW & KR)/8 Jul (DW)	Ten-km Squares:	2001 (> 1980)	2	(12)
2172	<i>Hadena albimacula</i>	GB Status: RDB2, BAP2	White Spot		
First/Last:	26 May (DW)/5 Jul (DW)	Ten-km Squares:	2001 (> 1980)	3	(6)
A review of the distribution of this moth appeared in Ent Rec 114, pgs 23-32.					
2173	<i>Hadena bicruris</i>	GB Status: Common	Lychnis		
First/Last:	13 May (FS)/5 Sep (DWr)	Ten-km Squares:	2001 (> 1980)	13	(31)
The last of the first brood was seen on 15 Jul (TS) and the first of the second 30 Jul (FS).					
2176	<i>Cerapteryx graminis</i>	GB Status: Common	Antler Moth		
First/Last:	13 Jul (GL)/6 Sep (GL)	Ten-km Squares:	2001 (> 1980)	3	(26)
Also two remarkably early examples on 10 and 15 Jun (DB) at Sandwich Bay.					
2177	<i>Tholera cespitis</i>	GB Status: Common	Hedge Rustic		
First/Last:	8 Aug (KR)/28 Sep (FS)	Ten-km Squares:	2001 (> 1980)	5	(17)
2178	<i>Tholera decimalis</i>	GB Status: Common	Feathered Gothic		
First/Last:	18 Aug (DB)/21 Sep (SPC)	Ten-km Squares:	2001 (> 1980)	10	(30)
2179	<i>Panolis flammea</i>	GB Status: Common	Pine Beauty		
First/Last:	1 Apr (PPH)/11 Jun (JPI)	Ten-km Squares:	2001 (> 1980)	8	(26)
2182	<i>Orthosia cruda</i>	GB Status: Common	Small Quaker		
First/Last:	7 Mar (DW & PJB)/27 Apr (FS)	Ten-km Squares:	2001 (> 1980)	16	(35)
Also an unusually early example on 11 Feb (FS).					
2184	<i>Orthosia opima</i>	GB Status: Local	Northern Drab		
First/Last:	10 May (SPC)	Ten-km Squares:	2001 (> 1980)	1	(4)
2185	<i>Orthosia populeti</i>	GB Status: Local	Lead-coloured Drab		
First/Last:	21 Apr (TS)	Ten-km Squares:	2001 (> 1980)	1	(20)
2186	<i>Orthosia gracilis</i>	GB Status: Common	Powdered Quaker		
First/Last:	22 Mar (TS)/13 May (FS & KR)	Ten-km Squares:	2001 (> 1980)	7	(30)
2187	<i>Orthosia cerasi</i>	GB Status: Common	Common Quaker		
First/Last:	11 Feb (FS)/1 Jun (FS)	Ten-km Squares:	2001 (> 1980)	23	(42)
Also two exceptionally unseasonable examples on 29 Nov (FS) and 30 Nov (TS). I saw the latter specimen alive.					
2188	<i>Orthosia incerta</i>	GB Status: Common	Clouded Drab		
First/Last:	7 Mar (KR)/6 Jun (PMn)	Ten-km Squares:	2001 (> 1980)	21	(42)
Also an exceptionally late example on 8 Jul (SPC).					
2189	<i>Orthosia munda</i>	GB Status: Common	Twin-spotted Quaker		
First/Last:	14 Mar (OD)/27 Apr (FS)	Ten-km Squares:	2001 (> 1980)	11	(32)
2190	<i>Orthosia gothica</i>	GB Status: Common	Hebrew Character		
First/Last:	19 Feb (KR)/1 Jun (BBo)	Ten-km Squares:	2001 (> 1980)	26	(44)
2192	<i>Mythimna conigera</i>	GB Status: Common	Brown-line Bright-eye		
First/Last:	25 Jun (TR)/25 Aug (GL)	Ten-km Squares:	2001 (> 1980)	12	(31)
2193	<i>Mythimna ferrago</i>	GB Status: Common	Clay		
First/Last:	19 Jun (KR)/21 Aug (KR & ML)	Ten-km Squares:	2001 (> 1980)	30	(44)
2194	<i>Mythimna albipuncta</i>	GB Status: Migrant/Resident	White-point		
First/Last:	25 May (TR)/17 Oct (FS)	Ten-km Squares:	2001 (> 1980)	11	(18)
Resident along the coast from Thanet southwards. Gives every impression of having two broods, the end of the first seen on 8 Jul (DB) and the beginning of the second seen on 11 Aug (NJ).					
2195	<i>Mythimna vitellina</i>	GB Status: Migrant	Delicate		
First/Last:	14 Sep (DB)/1 Nov (FS)	Ten-km Squares:	2001 (> 1980)	9	(13)

2196	<i>Mythimna pudorina</i>	GB Status: Common	Striped Wainscot		
First/Last:	30 Jun (FS)/4 Jul (FS)	Ten-km Squares:	2001 (> 1980)	2	(12)
2197	<i>Mythimna straminea</i>	GB Status: Common	Southern Wainscot		
First/Last:	12 Jun (IH)/24 Aug (AGJB & FS)	Ten-km Squares:	2001 (> 1980)	7	(18)
2198	<i>Mythimna impura</i>	GB Status: Common	Smoky Wainscot		
First/Last:	31 May (PJB)/13 Oct (PJB)	Ten-km Squares:	2001 (> 1980)	37	(48)
2199	<i>Mythimna pallens</i>	GB Status: Common	Common Wainscot		
First/Last:	26 May (KR)/14 Oct (KR)	Ten-km Squares:	2001 (> 1980)	25	(44)
The last of the first brood was seen on 27 Jul (FS) and the first of the second 9 Aug (PMn).					
2200	<i>Mythimna favicolor</i>	GB Status: Nb, BAP	Mathew's Wainscot		
First/Last:	26 Jun (DWr)/24 Aug (JPI & SPC)	Ten-km Squares:	2001 (> 1980)	4	(11)
Some authors consider this just a saltings race of the previous species. Skinner (1998) gives the flight time as "mid-June to late July". I consistently get a flush of late records (mostly Aug) and always from impeccable recorders.					
2201	<i>Mythimna litoralis</i>	GB Status: Nb	Shore Wainscot		
First/Last:	30 Jun (BBa)/31 Jul (BBa)	Ten-km Squares:	2001 (> 1980)	2	(3)
2202	<i>Mythimna l-album</i>	GB Status: Nb	L-album Wainscot		
First/Last:	22 Jun (DWr)/28 Oct (FS)	Ten-km Squares:	2001 (> 1980)	7	(10)
The last of the first brood was seen on 2 Aug (FS) and the first of the second 3 Sep (FS).					
2203	<i>Mythimna unipuncta</i>	GB Status: Migrant	White-speck		
First/Last:	21 Oct	Ten-km Squares:	2001 (> 1980)	1	(9)
TR02(BBa).					
2204	<i>Mythimna obsoleta</i>	GB Status: Local	Obscure Wainscot		
First/Last:	22 Jun (AGJB)	Ten-km Squares:	2001 (> 1980)	1	(13)
2205	<i>Mythimna comma</i>	GB Status: Common	Shoulder-striped Wainscot		
First/Last:	12 Jun (BBa)/30 Jul (ML)	Ten-km Squares:	2001 (> 1980)	9	(32)
2208	<i>Mythimna loreyi</i>	GB Status: Migrant	Cosmopolitan		
First/Last:	12 Oct (SPC)	Ten-km Squares:	2001 (> 1980)	1	(3)
2211	<i>Cucullia absinthii</i>	GB Status: Nb	Wormwood		
First/Last:	25 Jul (PM)/30 Jul (FS)	Ten-km Squares:	2001 (> 1980)	2	(10)
2214	<i>Cucullia chamomillae</i>	GB Status: Common	Chamomile Shark		
First/Last:	5 May (DB)/20 Jun (FS)	Ten-km Squares:	2001 (> 1980)	2	(16)
2216	<i>Cucullia umbratica</i>	GB Status: Common	Shark		
First/Last:	28 May (BBa)/20 Aug (KR)	Ten-km Squares:	2001 (> 1980)	8	(23)
2217	<i>Cucullia asteris</i>	GB Status: Nb, BAP	Star-wort		
First/Last:	14 Jun (AGJB)/14 Aug (FS)	Ten-km Squares:	2001 (> 1980)	7	(19)
2221	<i>Shargacucullia verbasci</i>	GB Status: Common	Mullein		
First/Last:	22 Apr (PPH)/29 May (KR)	Ten-km Squares:	2001 (> 1980)	5	(28)
2223	<i>Calophasia lunula</i>	GB Status: RDB3, BAP2	Toadflax Brocade		
First/Last:	16 May (DW)/23 Aug (DW)	Ten-km Squares:	2001 (> 1980)	3	(7)
The last of the first brood was seen in Jun (KR) and the first of the second on 4 Aug (ML).					
2225	<i>Brachylomia viminalis</i>	GB Status: Common	Minor Shoulder-knot		
First/Last:	19 Jun (KR)/30 Jul (PM)	Ten-km Squares:	2001 (> 1980)	5	(26)
2227	<i>Asteroscopus sphinx</i>	GB Status: Common	Sprawler		
First/Last:	26 Oct (PMa)/24 Nov (JSB)	Ten-km Squares:	2001 (> 1980)	5	(16)
2230	<i>Aporophyla australis</i>	GB Status: Common	Feathered Brindle		
First/Last:	5 Sep (FS)/18 Oct (DW)	Ten-km Squares:	2001 (> 1980)	5	(5)

2231	<i>Aporophyla lutulenta</i>	GB Status: Common	Deep-brown Dart		
First/Last:	1 Sep (MPJ)/17 Oct (TS)	Ten-km Squares:	2001 (> 1980)	8	(30)
2232	<i>Aporophyla nigra</i>	GB Status: Common	Black Rustic		
First/Last:	15 Sep (PJB & TS)/6 Nov (CR)	Ten-km Squares:	2001 (> 1980)	18	(34)
2235	<i>Lithophane semibrunnea</i>	GB Status: Local	Tawny Pinion		
First/Last:	25 Mar (PPH)/13 May (FS)	Ten-km Squares:	2001 (> 1980)	3	(14)
Overwinters, but apparently not seen this autumn.					
2236	<i>Lithophane hepatica</i>	GB Status: Local	Pale Pinion		
First/Last:	7 Mar (PJB)/30 May (BBa)	Ten-km Squares:	2001 (> 1980)	4	(16)
Overwinters, but apparently not seen this autumn.					
2237	<i>Lithophane ornitopus</i>	GB Status: Common	Grey Shoulder-knot		
First/Last:	11 Feb (FS)/3 Nov (KP)	Ten-km Squares:	2001 (> 1980)	7	(22)
Overwinters. Last spring specimen seen 9 May (PJB) and first autumn example 12 Oct (OD).					
2240	<i>Lithophane leautieri</i>	GB Status: Common	Blair's Shoulder-knot		
First/Last:	21 Sep (PS)/21 Nov (TS)	Ten-km Squares:	2001 (> 1980)	23	(35)
2243	<i>Xylocampa areola</i>	GB Status: Common	Early Grey		
First/Last:	15 Mar (FS & PJB)/31 May (ML)	Ten-km Squares:	2001 (> 1980)	25	(42)
Also an early example on 22 Feb (OD).					
2245	<i>Allophyes oxyacanthae</i>	GB Status: Common	Green-brindled Crescent		
First/Last:	26 Sep (DB)/5 Nov (FS)	Ten-km Squares:	2001 (> 1980)	18	(32)
2247	<i>Dichonia aprilina</i>	GB Status: Common	Merveille du Jour		
First/Last:	3 Oct (PPH)/18 Oct (PJB)	Ten-km Squares:	2001 (> 1980)	2	(22)
2248	<i>Dryobotodes eremita</i>	GB Status: Common	Brindled Green		
First/Last:	5 Sep (FS)/15 Oct (FS)	Ten-km Squares:	2001 (> 1980)	5	(23)
2251	<i>Trigonophora flammea</i>	GB Status: Migrant	Flame Brocade		
First/Last:	12 Oct (TM)/14 Oct (FS)	Ten-km Squares:	2001 (> 1980)	2	(3)
2252	<i>Polymixis flavicincta</i>	GB Status: Common	Large Ranunculus		
First/Last:	20 Sep (SPC & TS)/17 Oct (KP & TS)	Ten-km Squares:	2001 (> 1980)	7	(20)
2255	<i>Polymixis lichenea</i>	GB Status: Common	Feathered Ranunculus		
First/Last:	6 Aug (AGJB)/5 Nov (FS)	Ten-km Squares:	2001 (> 1980)	10	(24)
2256	<i>Eupsilia transversa</i>	GB Status: Common	Satellite		
First/Last:	1 Jan (OD)/12 Dec (KP)	Ten-km Squares:	2001 (> 1980)	17	(34)
Overwinters. Last of the spring brood seen 30 Mar (KP) and the first of the autumn brood seen 6 Oct (PPH).					
2258	<i>Conistra vaccinii</i>	GB Status: Common	Chestnut		
First/Last:	1 Jan (OD)/30 Nov (TS)	Ten-km Squares:	2001 (> 1980)	19	(37)
Overwinters. Last of the spring brood seen 27 Apr (FS) and the first of the autumn brood seen 5 Oct (IL).					
2259	<i>Conistra ligula</i>	GB Status: Common	Dark Chestnut		
First/Last:	16 Oct (BBa)/24 Nov (DWr)	Ten-km Squares:	2001 (> 1980)	6	(26)
Also one of the rare overwintering survivors seen 2 Feb (KP).					
2262	<i>Agrochola circumcellaris</i>	GB Status: Common	Brick		
First/Last:	19 Sep (FS)/3 Dec (OD)	Ten-km Squares:	2001 (> 1980)	11	(30)
2263	<i>Agrochola lota</i>	GB Status: Common	Red-line Quaker		
First/Last:	11 Sep (PM)/27 Oct (MPJ)	Ten-km Squares:	2001 (> 1980)	15	(30)
Also two late examples on 17 Nov (CR) and 18 Nov (PJB).					
2264	<i>Agrochola macilentata</i>	GB Status: Common	Yellow-line Quaker		
First/Last:	27 Sep (KP)/20 Nov (FS)	Ten-km Squares:	2001 (> 1980)	7	(28)

2265	<i>Agrochola helvola</i>	GB Status: Common	Flounced Chestnut		
First/Last:	24 Sep (PJB)/11 Oct (TR)	Ten-km Squares:	2001 (> 1980)	2	(17)
2266	<i>Agrochola litura</i>	GB Status: Common	Brown-spot Pinion		
First/Last:	11 Sep (KP)/25 Sep (IL)	Ten-km Squares:	2001 (> 1980)	3	(23)
2267	<i>Agrochola lychnidis</i>	GB Status: Common	Beaded Chestnut		
First/Last:	22 Sep (FS & PMn)/2 Nov (DWr)	Ten-km Squares:	2001 (> 1980)	10	(32)
2269	<i>Atethmia centrigo</i>	GB Status: Common	Centre-barred Sallow		
First/Last:	19 Aug (JSB)/23 Sep (FS)	Ten-km Squares:	2001 (> 1980)	15	(36)
2270	<i>Omphaloscelis lunosa</i>	GB Status: Common	Lunar Underwing		
First/Last:	25 Aug (BBo)/3 Nov (CR)	Ten-km Squares:	2001 (> 1980)	27	(42)
2271	<i>Xanthia citrigo</i>	GB Status: Common	Orange Sallow		
First/Last:	17 Aug (KA)/27 Sep (RT)	Ten-km Squares:	2001 (> 1980)	3	(15)
2272	<i>Xanthia aurago</i>	GB Status: Common	Barred Sallow		
First/Last:	5 Sep (PPH)/25 Nov (PJB)	Ten-km Squares:	2001 (> 1980)	15	(36)
2273	<i>Xanthia togata</i>	GB Status: Common	Pink-barred Sallow		
First/Last:	24 Sep (GL & PJB)/30 Oct (BBa)	Ten-km Squares:	2001 (> 1980)	6	(25)
2274	<i>Xanthia ictertia</i>	GB Status: Common	Sallow		
First/Last:	25 Aug (BBo)/23 Oct (DW & SW)	Ten-km Squares:	2001 (> 1980)	12	(39)
2275	<i>Xanthia gilvago</i>	GB Status: Local	Dusky-lemon Sallow		
First/Last:	26 Oct (PMa)	Ten-km Squares:	2001 (> 1980)	1	(11)
2277	<i>Moma alpium</i>	GB Status: RDB3, BAP2	Scarce Merveille du Jour		
First/Last:	23 Jun (DR)/5 Jul (SPC)	Ten-km Squares:	2001 (> 1980)	1	(2)
2278	<i>Acronicta megacephala</i>	GB Status: Common	Poplar Grey		
First/Last:	15 May (BBa)/24 Aug (TN)	Ten-km Squares:	2001 (> 1980)	25	(43)
2279	<i>Acronicta aceris</i>	GB Status: Local	Sycamore		
First/Last:	12 Jun (TS)/6 Aug (ML)	Ten-km Squares:	2001 (> 1980)	17	(33)
Also an early example on 15 May (KR) and a late one on 28 Aug (MAEb).					
2280	<i>Acronicta leporina</i>	GB Status: Common	Miller		
First/Last:	28 May (MAEb & TP)/15 Aug (MPJ)	Ten-km Squares:	2001 (> 1980)	14	(35)
2281	<i>Acronicta alni</i>	GB Status: Local	Alder Moth		
First/Last:	15 Jun (JPI)	Ten-km Squares:	2001 (> 1980)	1	(19)
The two dagger species cannot be reliably separated from external examination alone. Thus two distribution totals are given, the first for "confirmed" records (i.e. where it was stated larva, gen. det., etc.) and the second "as reported". I presume records are unconfirmed unless told otherwise. Dates are for confirmed records only.					
2283	<i>Acronicta tridens</i>	GB Status: Common	Dark Dagger		
First/Last:	5 Jun (TS)/25 Jun (TS)	Ten-km Squares:	2001 (> 1980)	2/ 6	(7/20)
2284	<i>Acronicta psi</i>	GB Status: Common	Grey Dagger		
First/Last:	10 May (TS)/11 Sep (TS)	Ten-km Squares:	2001 (> 1980)	6/19	(11/39)
	<i>Acronicta tridens/psi</i>		Dark/Grey Dagger		
First/Last:	12 May (BBa)/29 Aug (KR)	Ten-km Squares:	2001 (> 1980)	14	(31*)
2289	<i>Acronicta rumicis</i>	GB Status: Common	Knot Grass		
First/Last:	3 May (KR)/12 Oct (KR)	Ten-km Squares:	2001 (> 1980)	24	(43)
The phenology graph appears to show three generations. There was a small gap between 5 Jun (AGJB, FS & TR) and 23 Jun (MAEb & TP) then a long gap between 17 Aug (DWr) and a couple of late records from 27 Sep (RH).					

2290	<i>Simyra albovenosa</i>	GB Status: Nb	Reed Dagger	7	(12)
	First/Last: 22 May (KR)/24 Aug (GL)		Ten-km Squares: 2001 (> 1980)		
	The last of the first brood was seen on 13 Jun (DB) and the first of the second on 18 Jul (PMn).				
2291	<i>Craniophora ligustri</i>	GB Status: Local	Coronet	5	(19)
	First/Last: 19 May (ML)/27 Jul (PPH)		Ten-km Squares: 2001 (> 1980)		
2292	<i>Cryphia algae</i>	GB Status: Migrant	Tree-lichen Beauty	1	(5*)
	First/Last: 10 Aug (SPC)		Ten-km Squares: 2001 (> 1980)		
	Eleventh Kent record.				
2293	<i>Cryphia domestica</i>	GB Status: Common	Marbled Beauty	24	(37)
	First/Last: 20 Jun (RT)/12 Oct (DWr)		Ten-km Squares: 2001 (> 1980)		
	Also an early example on 29 May (KA).				
2295	<i>Cryphia muralis</i>	GB Status: Local	Marbled Green	8	(13)
	First/Last: 28 Jun (SPC)/28 Sep (BBo)		Ten-km Squares: 2001 (> 1980)		
2297	<i>Amphipyra pyramidea</i>	GB Status: Common	Copper Underwing	24	(41)
	First/Last: 15 Jul (MAEb, TP & TS)/17 Oct (DWr)		Ten-km Squares: 2001 (> 1980)		
2298	<i>Amphipyra berbera</i>	GB Status: Common	Svensson's Copper Underwing	14	(29)
	First/Last: 22 Jul (AGJB & GL)/28 Sep (IDF & SPC)		Ten-km Squares: 2001 (> 1980)		
	<i>Amphipyra</i> agg.	GB Status: -	Copper Underwings		
	First/Last: 21 Jul (OD)/2 Oct (OD)		Ten-km Squares: 2001 (> 1980)	3	(17*)
2299	<i>Amphipyra tragopoginis</i>	GB Status: Common	Mouse Moth	22	(44)
	First/Last: 3 Jul (OD)/11 Oct (FS)		Ten-km Squares: 2001 (> 1980)		
2300	<i>Mormo maura</i>	GB Status: Common	Old Lady	18	(32)
	First/Last: 24 Jun (IDF)/26 Oct (DB)		Ten-km Squares: 2001 (> 1980)		
	The peak occurrence is in late-Aug/early-Sep, but flight period seems to be starting earlier.				
2301	<i>Dypterygia scabriuscula</i>	GB Status: Common	Bird's Wing	6	(26)
	First/Last: 26 May (KR)/28 Jul (KR)		Ten-km Squares: 2001 (> 1980)		
2302	<i>Rusina ferruginea</i>	GB Status: Common	Brown Rustic	12	(32)
	First/Last: 31 May (PJB)/8 Jul (DB)		Ten-km Squares: 2001 (> 1980)		
2303	<i>Thalophila matura</i>	GB Status: Common	Straw Underwing	28	(41)
	First/Last: 20 Jul (DW & PJB)/11 Sep (FS)		Ten-km Squares: 2001 (> 1980)		
2305	<i>Euplexia lucipara</i>	GB Status: Common	Small Angle Shades	18	(41)
	First/Last: 13 Jun (IL)/7 Sep (TS)		Ten-km Squares: 2001 (> 1980)		
2306	<i>Phlogophora meticulosa</i>	GB Status: Common	Angle Shades	33	(49)
	First/Last: 7 Mar (TS)/4 Dec (CR)		Ten-km Squares: 2001 (> 1980)		
	Also an early example on 4 Jan (FS). There appeared to be two broods overlapping in Jul.				
2311	<i>Ipimorpha retusa</i>	GB Status: Local	Double Kidney	1	(6)
	First/Last: 15 Aug (GL)		Ten-km Squares: 2001 (> 1980)		
2312	<i>Ipimorpha subtusa</i>	GB Status: Common	Olive	7	(22)
	First/Last: 16 Jul (BBa)/24 Aug (KR & SPC)		Ten-km Squares: 2001 (> 1980)		
	Also an early example on 1 Jul (TS).				
2268	<i>Parastichtis suspecta</i>	GB Status: Local resident/Migrant	Suspected	1	(15)
	First/Last: 11 Sep		Ten-km Squares: 2001 (> 1980)		
	TQ57(TS).				
2314	<i>Parastichtis ypsilon</i>	GB Status: Common	Dingy Shears	6	(25)
	First/Last: 20 Jun (FS)/29 Jul (FS)		Ten-km Squares: 2001 (> 1980)		
	Also a late example on 21 Aug (KR).				

2316	<i>Cosmia affinis</i>	GB Status: Local	Lesser-spotted Pinion	
First/Last:	22 Jul (AGJB)/25 Aug (FS)	Ten-km Squares:	2001 (> 1980)	5 (19)
2318	<i>Cosmia trapezina</i>	GB Status: Common	Dun-bar	
First/Last:	24 Jun (AGJB)/6 Sep (RH)	Ten-km Squares:	2001 (> 1980)	35 (45)
2319	<i>Cosmia pyralina</i>	GB Status: Common	Lunar-spotted Pinion	
First/Last:	8 Jul (AGJB)/30 Jul (SW)	Ten-km Squares:	2001 (> 1980)	4 (24)
2321	<i>Apamea monoglypha</i>	GB Status: Common	Dark Arches	
First/Last:	1 Jun (DW)/29 Aug (PPH)	Ten-km Squares:	2001 (> 1980)	34 (46)
DW had 166 on 1 Jun at Dungeness. Also two examples from the partial second brood 23 Oct (SW) and 2 Nov (KR).				
2322	<i>Apamea lithoxylaea</i>	GB Status: Common	Light Arches	
First/Last:	11 Jun (KR)/30 Jul (KR)	Ten-km Squares:	2001 (> 1980)	20 (39)
2323	<i>Apamea sublustris</i>	GB Status: Local	Reddish Light Arches	
First/Last:	24 Jun (AGJB & DB)/27 Jul (FS)	Ten-km Squares:	2001 (> 1980)	6 (17)
2325	<i>Apamea oblonga</i>	GB Status: Nb	Crescent Striped	
First/Last:	6 Jul (DWr)/13 Aug (FS)	Ten-km Squares:	2001 (> 1980)	2 (11)
2326	<i>Apamea crenata</i>	GB Status: Common	Clouded-bordered Brindle	
First/Last:	27 May (FS)/14 Jun (IL)	Ten-km Squares:	2001 (> 1980)	5 (27)
2327	<i>Apamea epomidion</i>	GB Status: Common	Clouded Brindle	
First/Last:	5 Jun (PS)/20 Jul (PMn)	Ten-km Squares:	2001 (> 1980)	5 (24)
2330	<i>Apamea remissa</i>	GB Status: Common	Dusky Brocade	
First/Last:	5 Jun (KR)/28 Jul (FS)	Ten-km Squares:	2001 (> 1980)	13 (35)
Also a late example on 10 Aug (IH).				
2331	<i>Apamea unanimitis</i>	GB Status: Common	Small Clouded Brindle	
First/Last:	27 May (FS)/4 Jul (IH)	Ten-km Squares:	2001 (> 1980)	4 (17)
The shape of the phenology graph hints that some records to Aug could well be 2434 <i>M. secalis</i> Common Rustic!				
2333	<i>Apamea anceps</i>	GB Status: Common	Large Nutmeg	
First/Last:	5 Jun (KP)/9 Jun (PS)	Ten-km Squares:	2001 (> 1980)	2 (19)
2334	<i>Apamea sordens</i>	GB Status: Common	Rustic Shoulder-knot	
First/Last:	20 May (BBa)/18 Jun (BBa & PMn)	Ten-km Squares:	2001 (> 1980)	8 (28)
2335	<i>Apamea scolopacina</i>	GB Status: Common	Slender Brindle	
First/Last:	29 Jun (FS)/11 Aug (EGP)	Ten-km Squares:	2001 (> 1980)	12 (36)
2336	<i>Apamea ophiogramma</i>	GB Status: Local	Double Lobed	
First/Last:	8 Jul (DB)/29 Jul (FS)	Ten-km Squares:	2001 (> 1980)	3 (23)

Three of the four *Oligia* species can only be reliably determined by dissection. Records given below are as reported but few stated they were gen. det. Confusion is particularly likely of dark reddish examples of *O. latruncula* for *O. versicolor* so I will not accept records for the latter unless stated to be gen. det.

2337	<i>Oligia strigilis</i>	GB Status: Common	Marbled Minor	
First/Last:	19 May (DR)/22 Jul (DB)	Ten-km Squares:	2001 (> 1980)	19 (41)
2339	<i>Oligia latruncula</i>	GB Status: Common	Tawny Marbled Minor	
First/Last:	28 May (KR & PMn)/29 Jul (FS)	Ten-km Squares:	2001 (> 1980)	22 (36)
2340	<i>Oligia fasciuncula</i>	GB Status: Common	Middle-barred Minor	
First/Last:	29 May (DW)/15 Jul (PM)	Ten-km Squares:	2001 (> 1980)	15 (37)
The shape of the phenology graph hints that some records in Aug could well be 2341 <i>M. furuncula</i> Cloaked Minor!				

2341 *Mesoligia furuncula* GB Status: Common **Cloaked Minor**
 First/Last: 18 Jul (PMn)/11 Sep (FS) Ten-km Squares: 2001 (> 1980) 23 (36)
 Skinner (1998) gives "late July to early September". I have suppressed two clutches of earlier records, from 18-28 Jun and from 3-7 Jul, even though some are from normally impeccable recorders, as I would not have expected such large gaps in the dates.

2342 *Mesoligia literosa* GB Status: Common **Rosy Minor**
 First/Last: 5 Jul (KP, MPJ & PPH)/25 Aug (DW, FS & PPH) Ten-km Squrs: 2001 (> 1980) 12 (31)
 The phenology graph shows that either this species is extending its flight time forward or there is some confusion, possibly with the previous species. A notably early record this year was 20 Jun (DW).

The *Mesapamea* species can only be reliably determined by dissection. The following records are "as reported" and few were notified as gen. det. A possible means of separating some examples of *M. didyma* was in 1998 KMR, page 7, although nothing has appeared since to confirm or deny this. In short, very dark brown, almost black, forms with a bold white reniform stigma are probably *M. didyma*.

2343 *Mesapamea secalis* GB Status: Common **Common Rustic**
 First/Last: 28 Jun (KR)/24 Sep (JAC) Ten-km Squares: 2001 (> 1980) 26 (38)

2343a *Mesapamea didyma* GB Status: Common **Lesser Common Rustic**
 First/Last: 4 Jul (AGJB)/29 Sep (PS) Ten-km Squares: 2001 (> 1980) 13 (30)

Mesapamea agg. GB Status: - Common Rustic spp.
 First/Last: 6 Jul (DWr & KP)/10 Sep (PPH) Ten-km Squares: 2001 (> 1980) 18 (42)
 Also early examples on 5 Jun (KP & PPH).

2345 *Photedes minima* GB Status: Common **Small Dotted Buff**
 First/Last: 1 Jul (GB)/6 Jul (AGJB) Ten-km Squares: 2001 (> 1980) 3 (20)

2349 *Chortodes fluxa* GB Status: Nb **Mere Wainscot**
 First/Last: 27 Jul (FS) Ten-km Squares: 2001 (> 1980) 1 (5)

2350 *Chortodes pygmina* GB Status: Common **Small Wainscot**
 First/Last: 25 Jul (AGJB)/26 Aug (KR) Ten-km Squares: 2001 (> 1980) 7 (21)

2352 *Eremobia ochroleuca* GB Status: Common **Dusky Sallow**
 First/Last: 9 Jul (AGJB)/24 Aug (JPI) Ten-km Squares: 2001 (> 1980) 20 (35)

2353 *Luperina testacea* GB Status: Common **Flounced Rustic**
 First/Last: 10 Jul (SPC)/12 Oct (PM) Ten-km Squares: 2001 (> 1980) 23 (41)

2354 *Luperina nickerlii demuthi* GB Status: Na **Sandhill Rustic**
 First/Last: 20 Aug Ten-km Squares: 2001 (> 1980) 1 (3)
 TQ87(AGJB). An article in *Atropos* 17, pgs 50-52 gives practical advice on field techniques to survey for this moth.

Skinner (1998) states that the "Ear" moths are most reliably separated by dissection but gives a "useful but not foolproof" guide to determining them in the field. Records below are given "as reported".

2358 *Amphipoea fucosa* GB Status: Common **Saltern Ear**
 First/Last: 18 Jul (KR)/1 Sep (GB) Ten-km Squares: 2001 (> 1980) 6 (14)

2360 *Amphipoea oculatea* GB Status: Common **Ear Moth**
 First/Last: 24 Jul (SPC)/24 Aug (JPI & KR) Ten-km Squares: 2001 (> 1980) 8 (31)

2361 *Hydraecia micacea* GB Status: Common **Rosy Rustic**
 First/Last: 15 Jul (KR)/30 Oct (PJB) Ten-km Squares: 2001 (> 1980) 19 (39)

2363 *Hydraecia osseola* GB Status: RDB1, BAP2 **Marsh Mallow Moth**
 First/Last: 3 Sep (SPC)/22 Sep (IDF) Ten-km Squares: 2001 (> 1980) 2 (4)

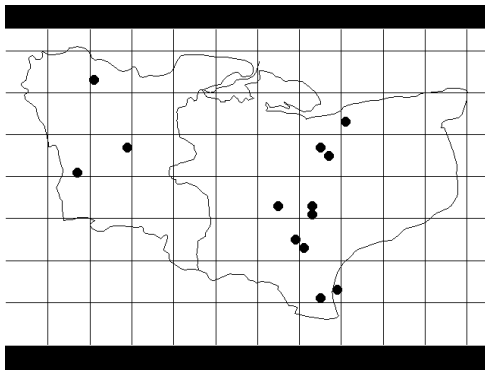
2364 *Gortyna flavago* GB Status: Common **Frosted Orange**
 First/Last: 23 Aug (JSB)/14 Oct (GL) Ten-km Squares: 2001 (> 1980) 7 (28)

2368 *Celaena leucostigma* GB Status: Common **Crescent**
 First/Last: 5 Aug (FS)/14 Aug (FS & KR) Ten-km Squares: 2001 (> 1980) 3 (13)

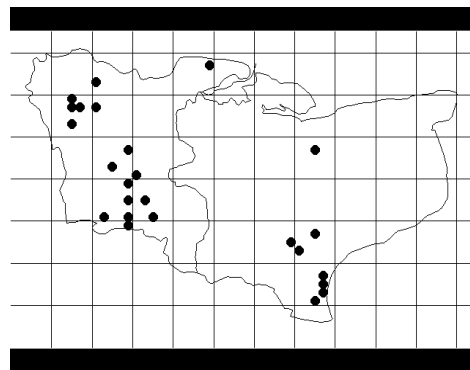
2369	<i>Nonagria typhae</i>	GB Status: Common	Bulrush Wainscot		
First/Last:	27 Jul (FS)/20 Sep (SPC)	Ten-km Squares: 2001 (> 1980)	7	(20)	
Late records could be confused with 2375 <i>R. lutosa</i> Large Wainscot . Two late examples were on 13 Oct (GL & KR).					
2370	<i>Archanara geminipuncta</i>	GB Status: Local	Twin-spotted Wainscot		
First/Last:	3 Aug (BBa & GL)/24 Aug (JPI & KR)	Ten-km Squares: 2001 (> 1980)	5	(18)	
2371	<i>Archanara dissoluta</i>	GB Status: Local	Brown-veined Wainscot		
First/Last:	30 Jul (PM)/25 Aug (BBa)	Ten-km Squares: 2001 (> 1980)	4	(15)	
2373	<i>Archanara sparganii</i>	GB Status: Nb	Webb's Wainscot		
First/Last:	27 Jul (AGJB)/Sep (KR)	Ten-km Squares: 2001 (> 1980)	6	(19)	
Also a late example on 10 Oct (GL).					
2375	<i>Rhizedra lutosa</i>	GB Status: Common	Large Wainscot		
First/Last:	28 Aug (AGJB)/7 Nov (GL)	Ten-km Squares: 2001 (> 1980)	9	(21)	
2377	<i>Arenostola phragmitidis</i>	GB Status: Common	Fen Wainscot		
First/Last:	5 Jul (FS)/19 Aug (KR)	Ten-km Squares: 2001 (> 1980)	8	(17)	
2379	<i>Coenobia rufa</i>	GB Status: Local	Small Rufous		
First/Last:	17 Jul (KR)/31 Jul (SPC)	Ten-km Squares: 2001 (> 1980)	7	(16)	
Also a late example on 24 Aug (KR).					
2380	<i>Charanyca trigrammica</i>	GB Status: Common	Treble Lines		
First/Last:	22 May (PPH)/2 Jul (PPH)	Ten-km Squares: 2001 (> 1980)	18	(32)	
2381	<i>Hoplodrina alsines</i>	GB Status: Common	Uncertain		
First/Last:	30 May (JSh)/24 Aug (FS)	Ten-km Squares: 2001 (> 1980)	28	(43)	
Also a late example on 22 Sep (KA).					
2382	<i>Hoplodrina blanda</i>	GB Status: Common	Rustic		
First/Last:	5 Jun (PJB)/26 Oct (PMA)	Ten-km Squares: 2001 (> 1980)	24	(43)	
The last of the first brood was seen on 26 Aug (TS) and the first of the partial second on 15 Sep (JSB).					
2384	<i>Hoplodrina ambigua</i>	GB Status: Common	Vine's Rustic		
First/Last:	25 May (FS & KR)/6 Nov (FS)	Ten-km Squares: 2001 (> 1980)	28	(40)	
The last of the first brood was seen on 18 Jul (TS) and the first of the second on 29 Jul (PMA).					
2385	<i>Spodoptera exigua</i>	GB Status: Migrant	Small Mottled Willow		
First/Last:	20 Oct (KR)/27 Oct (FS)	Ten-km Squares: 2001 (> 1980)	2	(18)	
2387	<i>Caradrina morpheus</i>	GB Status: Common	Mottled Rustic		
First/Last:	25 May (DB & FS)/10 Aug (GB)	Ten-km Squares: 2001 (> 1980)	20	(41)	
Also a late example on 28 Sep (JSB).					
2389	<i>Caradrina clavipalpis</i>	GB Status: Common	Pale Mottled Willow		
First/Last:	10 May (TS)/12 Nov (FS)	Ten-km Squares: 2001 (> 1980)	25	(43)	
Also an early example on 31 Mar (TS). There appeared to be two broods overlapping at the end of Aug.					
2391	<i>Chilodes maritimus</i>	GB Status: Local	Silky Wainscot		
First/Last:	13 Jun (AGJB)/30 Jul (KR)	Ten-km Squares: 2001 (> 1980)	3	(12)	
2396	<i>Elaphria venustula</i>	GB Status: Nb	Rosy Marbled		
First/Last:	23 Jun (DR)/7 Jul (JPI)	Ten-km Squares: 2001 (> 1980)	3	(14)	
2397	<i>Panemeria tenebrata</i>	GB Status: Common	Small Yellow Underwing		
First/Last:	26 May (IDF)/21 Jun (DB)	Ten-km Squares: 2001 (> 1980)	2	(12)	
2399	<i>Pyrrhia umbra</i>	GB Status: Common	Bordered Sallow		
First/Last:	31 May (KR)/5 Jul (FS & PPH)	Ten-km Squares: 2001 (> 1980)	8	(25)	
Also an early example on 10 May (TR) and a few late ones from 30 Jul (FS) to 17 Aug (BBa & GL).					
2400	<i>Helicoverpa armigera</i>	GB Status: Migrant	Scarce Bordered Straw		
First/Last:	30 Aug (FS)/27 Oct (FS)	Ten-km Squares: 2001 (> 1980)	4	(10)	

2410	<i>Protodeltote pygarga</i>	GB Status: Common	Marbled White Spot		
First/Last:	27 May (TS)/29 Jul (JSB)	Ten-km Squares:	2001 (> 1980)	15	(34)
2412	<i>Deltote uncula</i>	GB Status: Common	Silver Hook		
First/Last:	8 Jul (DW)/14 Jul (DW)	Ten-km Squares:	2001 (> 1980)	1	(5)
2413	<i>Deltote bankiana</i>	GB Status: RDB3, BAP	Silver Barred		
First/Last:	26 Jun (DB)/8 Jul (DWr)	Ten-km Squares:	2001 (> 1980)	2	(11)
2418	<i>Earias clorana</i>	GB Status: Nb	Cream-bordered Green Pea		
First/Last:	27 May (BBo)/30 Aug (KR)	Ten-km Squares:	2001 (> 1980)	7	(11)
The last of the first brood was seen on 27 Jul (FS) and the first of the second on 13 Aug (FS).					
2421	<i>Bena bicolorana</i>	GB Status: Local	Scarce Silver-lines		
First/Last:	12 Jun (PS)/17 Aug (OD)	Ten-km Squares:	2001 (> 1980)	5	(20)
2422	<i>Pseudoips prasinana</i>	GB Status: Common	Green Silver-lines		
First/Last:	2 Jun (JS)/29 Jul (FS)	Ten-km Squares:	2001 (> 1980)	16	(36)
2423	<i>Nycteola revayana</i>	GB Status: Common	Oak Nycteoline		
First/Last:	31 Mar (PPH)/17 Oct (TS)	Ten-km Squares:	2001 (> 1980)	8	(23)
There appears to be two generations each year in Kent. The last of the old overwintering brood was seen on 26 Apr (OD) and the summer brood lasted from 2 Jul (PS) to 30 Aug (FS). The first of the new overwintering brood was the last seen noted above.					
"The number of generations involved is unclear and still under discussion" (Skinner, 1998). Since it is also common and "variable", one might speculate that there could be two species present, yet to be separated. The phenology pattern would fit a common double-brooded species and a rarer single-brooded one flying end-Aug and Sep. I would be very interested to hear if anyone has tried to rear it continuously in captivity, or can compare under the microscope Sep caught examples with others.					
2425	<i>Colocasia coryli</i>	GB Status: Common	Nut-tree Tussock		
First/Last:	22 Apr (TS)/15 Aug (GHZ)	Ten-km Squares:	2001 (> 1980)	18	(39)
The last of the first brood was seen on 12 Jun (IL) and the first of the second on 6 Jul (AGJB).					
2428	<i>Chrysodeixis chalcites</i>	GB Status: Adventive	Golden Twin-spot		
First/Last:	6 Jul	Ten-km Squares:	2001 (> 1980)	1	(6)
TR36(FS). The first Kent record was from 1987 but the moth is now almost annual. They appear to be migrants but more specimens are reported from near Ramsgate docks than the well-trapped area of Dungeness. This implies either importation or an origin to the east rather than the south. Despite the amount of spraying in commercial greenhouses, a Dutch web site reported some 63 seen in Holland in 1999.					
2434	<i>Diachrysia chrysitis</i>	GB Status: Common	Burnished Brass		
First/Last:	5 Jun (FS)/4 Oct (PJB & PPH)	Ten-km Squares:	2001 (> 1980)	23	(44)
The last of the first brood was seen on 30 Jul (GHZ & ML) and the first of the second on 13 Aug (FS).					
2437	<i>Polychrysia moneta</i>	GB Status: Common	Golden Plusia		
First/Last:	24 Aug (AGJB)	Ten-km Squares:	2001 (> 1980)	1	(21)
2439	<i>Plusia festucae</i>	GB Status: Common	Gold Spot		
First/Last:	8 Jun (KR)/31 Aug (KR)	Ten-km Squares:	2001 (> 1980)	5	(20)
The second brood commenced 1 Aug (BBo).					
2441	<i>Autographa gamma</i>	GB Status: Common/Migrant	Silver Y		
First/Last:	13 May (FS & SPC)/3 Dec (FS)	Ten-km Squares:	2001 (> 1980)	37	(53)
Also an early example on 4 Jan (FS). DB noted "a marked influx of hundreds" on 24 Jul at Sandwich Bay.					
2442	<i>Autographa pulchrina</i>	GB Status: Common	Beautiful Golden Y		
First/Last:	5 Jun (TR)/25 Jul (IDF)	Ten-km Squares:	2001 (> 1980)	13	(37)
2443	<i>Autographa jota</i>	GB Status: Common	Plain Golden Y		
First/Last:	25 Jun (TR)/2 Aug (IL)	Ten-km Squares:	2001 (> 1980)	6	(36)
2449	<i>Abrostola triplasia</i>	GB Status: Common	Dark Spectacle		
First/Last:	31 May (PM)/13 Oct (SPC)	Ten-km Squares:	2001 (> 1980)	6	(14)
The two broods appeared to overlap.					

- 2450 *Abrostola tripartita* GB Status: Common **Spectacle**
 First/Last: 22 Apr (MC)/5 Sep (FS) Ten-km Squares: 2001 (> 1980) 26 (45)
 The two broods appeared to overlap in Jul.
- 2451 *Catocala fraxini* GB Status: Migrant **Clifden Nonpareil**
 First/Last: 26 Sep (PC)/28 Sep (SW) Ten-km Squares: 2001 (> 1980) 1 (5)
 TR34(PC & SW).
- 2452 *Catocala nupta* GB Status: Common **Red Underwing**
 First/Last: 2 Aug (KR)/30 Oct (TS) Ten-km Squares: 2001 (> 1980) 13 (35)
- 2462 *Callistege mi* GB Status: Common **Mother Shipton**
 First/Last: 26 May (GH & IDF)/19 Jun (AF) Ten-km Squares: 2001 (> 1980) 5 (23)
- 2463 *Euclidea glyphica* GB Status: Local **Burnet Companion**
 First/Last: 30 May (KP)/1 Jul (FS) Ten-km Squares: 2001 (> 1980) 8 (23)
- 2466 *Lygephila pastinum* GB Status: Common **Blackneck**
 First/Last: 20 Jun (FS)/20 Jul (KP) Ten-km Squares: 2001 (> 1980) 4 (16)
- 2469 *Scoliopteryx libatrix* GB Status: Common **Herald**
 First/Last: 3 Jan (ST)/30 Oct (GL) Ten-km Squares: 2001 (> 1980) 25 (43)
 Thirteen of the fourteen records in Jan and Feb were in bat roosts (all ST). The season "on the wing" commenced 15 Mar (FS). The last of the overwintering specimens was probably 20 Jun (TR) with the new fresh generation commencing about 3 Jul (FS) but the effect was that this moth can be seen at almost any time.
- 2470 *Phytometra viridaria* GB Status: Common **Small Purple-barred**
 First/Last: 30 May (KP)/1 Aug (FS) Ten-km Squares: 2001 (> 1980) 5 (13)
- 2474 *Rivula sericealis* GB Status: Common **Straw Dot**
 First/Last: 5 Jun (FS)/7 Sep (TS) Ten-km Squares: 2001 (> 1980) 24 (41)
 The last of the first brood was seen on 14 Jul (JPI & KP) and the first of the second on 28 Jul (JP).
- 2475 *Parascotia fuliginaria* GB Status: Nb **Waved Black**
 First/Last: 4 Jul (SPC)/22 Aug (MPJ) Ten-km Squares: 2001 (> 1980) 8 (17)
 Curiously, the moth now appears about a month later than stated in Skinner (1998). I have only one record for Jun (on 16 Jun 1989).



1980-1994



1995-2002

The maps show how this moth has become much more prevalent in west Kent over the last few years. The east Kent population seems to have remained more or less stable (except, perhaps, in the north) while the moth appears to have expanded into west Kent from the direction of its traditional stronghold on the Bagshot sands of the Surrey-Hampshire border. Two of the three west Kent records are from 1991 and 1994.

- 2476 *Hypena crassalis* GB Status: Local **Beautiful Snout**
 First/Last: 5 Jul (KP) Ten-km Squares: 2001 (> 1980) 1 (11)
- 2477 *Hypena proboscidalis* GB Status: Common **Snout**
 First/Last: 27 May (FS)/16 Oct (KP) Ten-km Squares: 2001 (> 1980) 31 (45)
 The last of the first brood was seen on 30 Jul (ML) and the first of the second on 11 Aug (EGP & KP).

2480	<i>Hypena rostralis</i>	GB Status: Nb, BAP1	Buttomed Snout		
First/Last:	1 Jun (AGJB)/14 Jun (TS)	Ten-km Squares:	2001 (> 1980)	2	(8)
Apparently the pre hibernation autumn brood was not seen this year.					
2482	<i>Schrankia taenialis</i>	GB Status: Nb, BAP2	White-line Snout		
First/Last:	26 Jun (JPI)/14 Aug (TR)	Ten-km Squares:	2001 (> 1980)	3	(7)
2484	<i>Schrankia costaestrigalis</i>	GB Status: Common	Pinion-streaked Snout		
First/Last:	29 Jul (FS)/28 Sep (GL)	Ten-km Squares:	2001 (> 1980)	2	(15)
Thus one example from both generations.					
2488	<i>Pechipogo strigilata</i>	GB Status: Na, BAP1	Common Fan-foot		
First/Last:	11 Jun(JP)/9 Jul (JP)	Ten-km Squares:	2001 (> 1980)	1	(1)
Some 11 examples in total came to light and to sugar. Included at least one female and larvae reared. Only recent confirmed Kent location. Allowing unconfirmed records would increase the cumulative ten-km square count to 6.					
2489	<i>Zanclognatha tarsipennalis</i>	GB Status: Common	Fan-foot		
First/Last:	24 Jun (PJB)/18 Aug (JSB)	Ten-km Squares:	2001 (> 1980)	15	(40)
2492	<i>Herminia grisealis</i>	GB Status: Common	Small Fan-foot		
First/Last:	1 Jun (PK & TS)/27 Aug (SW)	Ten-km Squares:	2001 (> 1980)	24	(40)
2493	<i>Macrochilo cribrumalis</i>	GB Status: Nb	Dotted Fan-foot		
First/Last:	22 Jun (AGJB)/22 Jul (AGJB)	Ten-km Squares:	2001 (> 1980)	3	(10)
2494	<i>Paracolax tristalis</i>	GB Status: Na, BAP2	Clay Fan-foot		
First/Last:	2 Jul (IDF)/31 Jul (SPC)	Ten-km Squares:	2001 (> 1980)	5	(9)
2495	<i>Trisateles emortualis</i>	GB Status: RDB3, BAP2	Olive Crescent		
First/Last:	26 Jun (PM)/28 Jul (BBo)	Ten-km Squares:	2001 (> 1980)	4	(5)
TQ93(JPI in early July at Hamstreet), TR03(BBo at Ruckinge), TR16(JPI on 22 Jul at Blean Woods) & TR36(PM at Ramsgate). First Kent confirmed record was from 1970 (unconfirmed from 1905) and then apparently a gap until singles in 1984, 1990 and 1999. The number records from the Hamstreet woods complex could just reflect that it is one of the well trapped areas but it is also just possible that the species is resident.					

KEY TO RECORDERS

AB	Ashley Bradshaw	GH	Graham Hemington	MPa	Mark Pauley
ABl	Andrew Blake	GHZ	Grant Hazelhurst	MPJ	Martin Jordan
AC	Alison Crozier	GL	Graeme Lyons	NF	Nick Flischer
AF	Auther Fray	HP	Hugh Price	NJ	Nigel Jarman
AGJB	Fred Butcher	HR	Hazel Ryan	NM	Nigel Matthews
AP	Alan Parker	IACR	Rothamsted traps	OD	Owen Davis
ARW	Allan Ward	IAP	Irene Palmer	PC	Phil Chantler
BBa	Barry Banson	IDF	Ian Ferguson	PJB	Peter Baker
BBe	Brian Beecroft	IH	Ian Hunter	PK	Peter Kirby
BBo	Bernard Boothroyd	IL	Ian Lewis	PM	Phil Milton
BDS	B Smithers	ILB	Ian Brydon	PMa	Philip Mallet
BKW	BK West	IP	Ian Pryer	PMn	Peter Maton
CB	Chris Buckingham	IRC	Ian Clark	PPH	Peter & Pauline Heathcote
CR	Chris Rootes	IS	Ian Sims	PS	Paul Sokoloff
DA	Dr David Agassiz	JAC	Dr John Cornelius	PW	Dr Paul Waring
DB	Dennis Batchelor	JHC	Dr Julian Clarke	RB	Dr Roland Brown
DCG	David Gardner	JL	Jim Logan	RC	Richard Clamp
DCo	David Cox	JO	John Owen	RH	Robert Hope
DD	Don Douch	JP	Jim Porter	RJH	R Heckford
DGo	Derek Goodban	JPI	Jim Platts	RT	Bob Taylor
DM	Derrick Mitchell	JSB	John Badmin	SPC	Sean Clancy
DO'K	Dennis O'Keeffe	JSh	Judith Shorter	ST	Shirley Thompson
DR	Dave Rolfe	KA	Keith Alexander	SW	Simon Warry
DW	David Walker	KB	Keith Burch	TH	Tony Harman
DW _r	Dylan Wrathall	KP	Keith Palmer	TM	T Morris
EC	Ted Carpenter	KR	Keith Redshaw	TN	Tony Nuthall
EGP	Eric Philp	KS	Kay Sansom	TP	Tom Pope
FB	Fred Bishop	LC	Laurence Clemons	TR	Tony Rouse
FS	Francis Solly	MAEb	Mike Easterbrook	TS	Tony Steele
GAC	Graham Collins	MB	Matt Busuttill	MPe	Monica Percival
GB	Geoff Burton	MC	Mike Chittenden	ML	Mark Love
GG	Grace Green	MJT	Mick Tickner		

ACKNOWLEDGEMENTS

The contribution of the following is gratefully acknowledged:

BBCS Kent Branch committee for continuing to support this project.

Sean Clancy, for commenting on earlier drafts.

Dr Ed Jarzembowski, for making available the Kent Biological & Geographical Record & Archive (Maidstone Museum) moth records.

Brian Goodey, for making available the National Moth Night records.

Keith Palmer, for commenting on earlier drafts.

Ian Woiwod, who made available the Integrated Approach to Crop Research (Rothamsted) data. These are credited to GB and JSB .

ADDENDA AND CORRIGENDA

A few corrections are necessary to the 2000 Report. Apologies to all concerned where appropriate.

1008 *Philodene gerningana*. Not a Kentish species. Investigations have shown that the listing for Kent in Bradley, et al (1973), page 138 is based on a single mistaken identity dating from around 1870.

1443 *Pempelia genistella*. The date stated (22 May) was for the larva; the moth emerged 23 Jul.

1454b *Dioryctria sylvestrella*. This species has only just been recognised as new to the British Isles. Early Kent records are as follows:

1995 – 17 Aug (TR) at Hawkinge (currently the first recognised UK record),

1997 – 3 Aug (TR) at Dover,

1999 – 29 Jun(JHC) at Longrope Wood,

- 30 Jul(BBa & SPC) at Greatstone and

- 30 Jul (JO) at Dymchurch,

More details in Atropos 15 (pgs 16-19) & 16 (pg 78) and further records will appear in the 2002 KMR.

1679 *Cyclophoraporata* **False Mocha**. Philip Jewess recorded one on 10 August 1976, thus it has been seen more recently than the 1970 date reported on page 3 of the 2000 KMR.

2298 *Amphipyra berbera* **Svensson's Copper Underwing**. Earliest date should have read 30 Jul (BKW).

RECENT BOOKS

Die Tortriciden Mitteleuropas. Razowski, J. 2001. A useful book given the Ray Society monograph is virtually unobtainable, though sadly not a patch on the latter. The illustrations cover some 597 species including nearly all the UK ones. However, they are all reproduced the same size on the page, which makes size comparison difficult. Text very brief, in German, and no discussion of similar species. Genitalia drawings. Unfortunately there are a few errors/name changes in it – a list is published in Ent Rec 114, pgs 186-187.

Tortricidae of Europe, Vol. 1. Razowski, J. 2002. The first of two volumes of an enlarged version of the above book is now available. The text is in English, covers the UK species and incorporates the corrections to the German version. The pages are A4, so twice the size of the earlier work, but retain the four columns per page format. Vol. 2 will cover some 550 species compared to the 390 so may cost a little more than the £59 for Vol. 1. If you are serious about Tortricoid moths (second largest family both in Kent and in Europe) go for it and order Vol. 2 as well. For light recreation identifying the occasional specimen from the trap, the German book will get you a long way.

The Geometrid Moths of Europe, Vol. 1. Hausmann, A. 2001. This volume covers some 41 species and a substantial introduction. Good illustrations, genitalia drawings, text in English including discussion of similar species and distribution maps. Shows one species (*Jodis putata* – an emerald similar to *J. lactearia* but slightly darker and with a more “blotchy” appearance) that could be poised to cross the channel.

A Label and Checklist of the British Micro-lepidoptera with Vernacular Names. Porter, J. 2002. My first reaction was “oh no not another one!” but on reading it, it’s not too bad. The previous attempt (Heslop, 1947) was well meaning but uninspired and deservedly forgotten. However, exclusive use of Latin names is a barrier and decent English ones could help to popularise the micros. At present only available via the author but, if enough interest is shown, it could be published. One reason I resisted using the names in this report was that there is no index at present so going from the vernacular to the specific would involve reading the whole document. To give a flavour of the document, some of the species mentioned in the Highlights off the Year section from page 4 would appear as: *Bryotropha dryadella* “**Western Groundling**”, *Cochylis molliculana* “**Ox-tongue Conch**”, *Catoptria verellus* “**Marbled Grass-veener**”, *Zophodia grossulariella* “**Gooseberry Knot-horn**”, *Haimbachia cicatricella* “**Club-rush Veneer**” and *Vitula biviella* “**Pine-blossom Knot-horn**”. Purists might recoil but anyone who can not wait for eventual publication can obtain a copy from the author at 4 Orchard Road, Chessington, Surrey KT9 1AN enclosing £1 towards costs.

Butterfly Conservation (Kent Branch) Web Site for Moths

<http://www.kentmoths.org>