THE MOTHS OF BRACKNELL, BERKSHIRE 1976-1985

by

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Dr Michael J. Dumbleton was a quiet and scholarly man with broad interests who might today be described as a life-long learner, that is to say he never lost the enthusiasm to develop new areas of knowledge. After a distinguished academic start with a BSc at Bristol and Doctorate in Physics from Birmingham he went on to use his skills in physics and metallurgy at the Road Research Laboratory near Crowthorne where he worked until his retirement.

Outside of his scientific work he followed interests in natural history and local history. With a keen eye for insects and particularly moths, not neglecting the micros, he systematically ran a mercury-vapour moth trap in his garden in Bracknell. The results were carefully detailed in a booklet on the moths of Bracknell (Dumbleton, 1995) which he circulated to friends. As a friend of Brian Baker, members of the Society may recall that he often came to mothing evenings. A number of his rarer finds, including a Balsam Carpet, the first imago found in Berkshire, are cited in Brian Baker's book on the moths of Berkshire (Baker, 1994). Michael also experimented with different chemical drying treatments for dragonflies in order to preserve the colours and was a member of the Amateur Entomologist's Society.

As well as natural history he was a distinguished researcher of local history, taking extramural courses at Reading and Oxford and being a longstanding member of the Berkshire Family History Society, Berkshire Local History Society, and the Bracknell and District Historical Society. In the case of the latter society he was one of the founder members in 1971, and during the next twenty-seven years had acted as its Chairman, Vice-President and President. In 1978 his book Brick making — A Local Industry was published, and in 1982 he and his wife Zena edited a list of the monumental inscriptions of Easthampstead, transcribed from memorials in St Michael and Mary Magdalene church (Anon, 2002; Hasted, 2002).

Sincere thanks are due to Mrs Zena Dumbleton for making Michael's insect collection and manuscript of *The Moths of Bracknell* available for publication as a supplement to the *The Reading Naturalist* and for the generous donation of insect specimens and original documentation to Reading Museum Service and further insect specimens to the British Entomological and Natural History Society where they can be examined by members of the Society.

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INTRODUCTION

For the decade 1976-1985 I ran an ultra-violet light moth trap and recorded moths in my garden in Warfield Road, just inside the northern boundary of Bracknell Parish (National Grid reference SU 8704 7005). From June 1984 to December 1985 I made records for most days. The records of the larger moths are listed in Tables 2-5. The recording of the so-called micro moths was not so systematic, but 44 of them are recorded in Tables 6 and 7. Total numbers recorded are as follows:

Macro moths seen in 1984 (June-December)	185
Macro moths seen in 1985 (January-December)	248
Macro moths seen in decade 1976-1985	229
Micro moths seen in decade 1976-1985	44
Total species 1976-1985	343

The monthly distribution of the larger species for 1984 and 1985 is summarised in Table 1(a) opposite, and Table 1(b) lists the most common species in 1985.

Thanks are due to Brian Baker for assistance with identification. Notes on some interesting Bracknell species on which he makes an observation in his *Butterflies and Moths of Berkshire* (1) are given on page 2. The Bracknell record for the Balsam Carpet (25 Aug 1984) was the first record of this moth in Berkshire, and that for the Scarce Bordered Straw (10 Oct 1985) was the second Berkshire record. An excellent guide to moth identification is that by Bernard Skinner (2).

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Name index: with Bradley & Fletcher list numbers.
Some Bracknell micro moths 1976-1985.
In order of Bradley & Fletcher list.
Further Bracknell records noted by Baker.

NOTES ON THE TABLES

In the tables the first column gives the Species Number from Bradley and Fletcher's list (3). The species are arranged in alphabetical order in Table 2 and 6 and in order of Species Number in Table 3, 7 and 8. In Tables 4 and 5 the moths are in order of first appearance; to find a particular moth in these tables, obtain its date of first appearance in the appropriate year from Table 2 or 3, and then find this date in column 4 of the table for 1984 or 1985. These tables also give the number of days in the year, and in each month, on which each moth was seen. When the record for a moth was from a specimen label rather than by direct observation these numbers are replaced by asterisks (*). When a moth was seen on only one day the "last day" column may repeat the date or contain "-----".

Moths of Bracknell 1976-1985

NOTES ON SOME INTERESTING SPECIES

Below is a list of species recorded in the garden on which Brian Baker makes an observation on frequency or other remark in his *Butterflies and Moths of Berkshire*. First are given the dates on which I recorded the species. Then follow his remarks and any reference to my observations. Direct quotations are enclosed in inverted commas. Table 8 lists further Bracknell records noted by Baker.

- 1721 **Balsam carpet**. 25 Aug 84. 'Not known in Britain until 1955 and unrecorded in Berkshire until 1984. First record of imagines, Bracknell, 25.viii.84, Dr M.J.Dumbleton.' Brian Baker found larvae on the same day, at Hurley.
- 1749 Dark spinach. 1980. 'Uncommon, and noted by few recorders.'
- 1765 Barred yellow. 1977; 79; 80; 1, 6, 14 Jul 85. 'Widespread but generally uncommon.'
- 1767 **Pine carpet**. 8, 13, 31 Oct 84; 26 Sep, 16 Oct 85 'Bracknell, fairly common. 2, 13, 16.x.84 (MJD).'
- 1781 Small waved umber. 4 Aug 84. 'Much decreased.'
- 1788 Scarce tissue. 1977. 'Local and uncommon.'
- 1789 Scallop shell. 17 Aug 85. 'Local and uncommon.'
- 1839 Boldered pug. 1977; 5 Jul 84. 'Local and not common.'
- 1918 **Lunar thorn**. 4, 10 Jun 85. 'Widespread but seldom taken in any quantity.' 'Bracknell, 4, 10.vi.85 (MJD).'
- 1978 **Pine hawk-moth**. 27 Jun, 21 Jul, 6 Aug 85. 'The earliest records for Berkshire appear in the 1940s.' 'Bracknell, fairly common, 1985 (MJD).'
- 1980 **Eyed hawk-moth**. 1977; 3, 24, 30 Jun, 1 Jul 85. 'General, but not common.'
- 1998 **Poplar kitten**. 1978; 4, 30 Jun, 5 Jul 85. 'Fairly general among poplar trees but usually scarce.'
- **Dotted rustic**. 7 Jul 84; 10 Aug 85. 'Long known in the west of the county but has only spread into mid and east Berkshire since the late 70s' 'Bracknell, once, 7.vii.84 (MJD).'
- 2127 **Triple-spotted clay**. 1979, 'Very local and then only in small numbers.'
- 2170 **Varied coronet**. 22 Jul 85. The moth was first taken at Dover in 1948. 'It has spread northwards, then westwards. It reached east Berkshire in the late '70s.'
- 2140 **Blair's shoulder-knot**. 1 Oct, 15 Nov 84; 4, 21 Oct 85. The first British specimen was recorded in 1951, and in Berkshire first in 1971 and next in 1978. 'Bracknell, fairly common, x.84 (MJD).'
- 2331 **Small clouded brindle**. 1980; 2, 25 Jun 85. 'Local and scarce, or possibly overlooked.' 'Bracknell, scarce, 14, 25.vi.85 (MJD).'
- 2336 **Double lobed**. 16 Jul 84; 31 Jul 85. 'Very local.'
- 2375 Large wainscot. 1 Oct 84. 'Very local, but often abundant among *Phragmites*.'
- 2400 **Scarce bordered straw**. 10 Oct 85. 'A regular, but usually scarce, immigrant, occasionally spreading inland. There are four recent records for Berkshire.'The second of these is 'Bracknell, 10.x.85 (MJD).'
- 2423 Oak nycteoline. 9 Jul 84; 6 Oct 85. 'Uncommon.'
- 2475 **Waved black**. 2, 9 Aug 84. 'The first Berkshire specimen to be recorded was from Wellington College, 15.vii.31.' 'Bracknell... 2.viii.84 (MJD).'

REFERENCES

- (1) B R Baker. The butterflies and moths of Berkshire [Records of Lepidoptera from Vice-county 22]. 1994
- (2) B Skinner. Colour identification guide to moths of the British Isles (Macrolepidoptera). 1984
- (3) J D Bradley and D S Fletcher. A recorder's log book or label list of British butterflies and moths. 1979

Michael Dumbleton

REVIEW OF THE YEAR 1985

I will comment on some of the most common and interesting moths in the months of each quarter of the year 1985 (see Tables 1 (a & b) and 5).

JANUARY TO MARCH. Even in January there were moths coming to the garden, although only the Mottled Umber, on two days, and the Early Moth on one, but February had five species, the Pale Brindled Beauty on 5 days, the March Moth on 4, the Early Moth on 2, and the Satellite and Spring Usher on one. March yielded 12 species including the March Moth on 11 days and the Dotted Border and Hebrew Character on 3.

APRIL TO JUNE. Thirteen moth species appeared in April, with the Hebrew Character on 27 days, the Common Quaker on 25, the Clouded Drab on 18, the Small Quaker on 17 and the Early Grey on 12.

In May there were 50 species. The Hebrew Character on 21 days was still the most frequent moth, followed by the Clouded Drab and the Powdered Quaker on 11, the Common Quaker and Early Grey on 9. and the Swallow Prominent, the Brimstone and the Peppered Moth on 7. The Peppered Moth is famous for showing industrial melanism, Bracknell specimens ranging from pale grey to black in colour. The large and impressive hawk-moths began to appear with the Poplar Hawk-moth on 3 days and the Lime Hawk-moth on one. Other attractive moths were the White Ermine on 2 days, and single-day appearances of the Coxcomb Prominent, the Sallow Kitten, and the Puss Moth whose poplar-feeding larva can present a frightening 'face', and streamers on its tail, when confronted by a hungry bird.

Only a few of the 100 species appearing in June can be mentioned. Most common was the Heart and Dart, on 28 days, followed by the Treble Lines on 23, the Peppered Moth and White Ermine on 22, the Flame Shoulder on 19, the Common Swift and Angle Shades on 16. and the Shuttle-shaped Dart on 15. Among the less commonly occurring moths were the Turnip Moth on 10 days, the Buff Tip which looks like a thick piece of broken twig on 8, the Oak Hook-tip on 2, and the Lobster Moth, whose strange larva has legs like an adult insect, on one. The Poplar and Lime Hawk-moths occurred again on 9 and 3 days. and were joined by the Eyed Hawk-moth (3 days) which can flash the eye-spots on its hind wings to frighten off predatory birds, the Elephant Hawk-moth (2 days) which gets its name from the shape of the proboscis of its chrysalis which is not stuck down on the body as in most butterflies and moths, and the Small Elephant and Pine Hawk-moths on one day.

JULY TO SEPTEMBER. The monthly number of species reached a peak of 137 in July. With the more common species there could be up to 50 or more specimens in the trap on a single day. Sharing first place were the Heart and Dart again, the Dark Arches and the Large Yellow Underwing, which occurred on all 31 days of the month. Next in frequency were the Riband Wave on 28 days, the Peppered Moth and the Flame on 25, the Mottled Rustic on 24 and the Dot Moth on 23. Of the less numerous moths were the white and black Leopard Moth on 9 days, with a larva feeding for two or three years burrowing in the stems and branches of trees and shrubs, the colourful Garden Tiger on 6, with a hairy larva known as the woolly bear, and the Drinker on 3, a moth getting its name from its habit of drinking from drops of dew. Of the hawk-moths the Poplar and the Elephant Hawk-moths appeared on 12 days and Eyed, Small Elephant and Pine Hawk-Moths on single days.

Tabl	e 1(a). B	RACKNELL	MOTHS 1984	& 1985.	Month	ly distribution
	1984		1985		19	85
	No. of new species	Total no. of species	No. of new species	Total no. of species	Sp da N	ecies seen on largest number of ys in the month (N)
Jan			2	2	2	Mottled umber
Feb			4	5	5	Pale brindled beauty
Mar			9	12	11	March moth
Apr			8	13	27	Hebrew character
May			42	50	21	Hebrew character
Jun	35	35	70	100	28	Heart and dart
Jul	64	85	67	137	31	Heart & dart, Dark arches,
						Large yellow underwing
Aug	48	96	15	83	31	Large yellow u'w, Common rustic
Sep	13	51	17	54	30	Large yellow underwing
Oct	18	38	10	37	19	Angle shades
Nov	5	17	2	10	2	Silver Y, Yellow-line quaker
Dec	2	7	2	6	3	Scarce umber, December moth
Year	185		248		-	

Table	1(b).	BRACKNELL MOTHS. Species seen	on larg	est	number of days in 1985 (N)
Rank	N		Rank	N	
1	117	Large yellow underwing	16	32	Flame
2	75	Heart and dart	17/18	31	Bright-line brown-eye
3	70	Dark arches			White ermine
4	65	Angle shades	19/20	30	Broad-bordered yellow u'w
5/6	57	Peppered moth			Clouded drab
		Flame shoulder	21/22	29	Treble lines
7	56	Lesser yellow underwing			Grey pine carpet
8/9	51	Common rustic	23/26	28	Dot moth
		Hebrew character			Poplar hawk-moth
10/11	44	Setaceous Hebrew character			Shuttle-shaped dart
		Silver Y			Buff-tip
12	40	Common quaker	27	27	Smoky wainscot
13	37	Mottled rustic	28/29	26	Clouded border
14	36	Riband wave			Turnip moth
15	34	Lesser broad-bordered yellow un	derwing		•

B a F List No,			ner	ı la	bel	(o	rom r obse 81 82			19	ily o 84 (J rst			198	95 (J r st	an-0 Las	
2306	Angle shades	1976						8	- 4(85)	14	Jul	23	Nov	4	Har	1	Nov
1721		;						8	4	25	Aug						
2272	Barred sallow	;						8	4(85)	28	Sep	15	Oct		Sep	25	Sep
1758	Barred straw	!	77			80		8	4(85)	5	Jul	13	Jul		Jul		Jul
1765	Barred yellow	:	77		79	80			(85)						Jul		Jul
2267	Beaded chestnut	1976	77	78					4(85)		•		Nov		Sep		Oc t
2442	Beautiful golden Y	:							4)85		Jul		Jul		Jun		Jul
2473	Beautiful hook-tip	:	77	78	79	80			4 85		Jul		Jul		Jun		Jul
1677	Birch mocha	:						8	4		Aug		Aug	-			
2301	Bird's wing	;	77					_	4 65				A		11	20	
2033	Black arches			9.5				-	4 85		Aug		Aug		Jul		Sep
2232		1976	17	/8					84 85		•		Oct		Sep Oct		Oc t
2240	Blair's shoulder-knot	;							4 85		Oct		Nov		Jun		Jun
1682		1	77			80		(8	4 85) 85		Aug		Aug		Jul		Jul
1667	Blotched emerald	:	77					(8			Jul		Jul				
1839	Bordered pug	1076	77						4 85		Jun		Aug		Jul		Jul
1954		1976 1976	"					_	4 85		Oct		Nov		Sep		0c 1
2262		1976	77	70		80			4)85		Jul		Jul		Jun		Sep
2160	- · · · · · · · · · · · · · · · · · · ·	1976		10		80			4 85)				Sep		May		0c 1
1906	- · - · · · · · · · · · · · · · · · · ·	!		78		QV.		(0	(85)						Apr		May
1927 2248		1976		78				g	4(85)		Sep	19	0ct		Sep		0c 1
1852	Brindled pug	1370		70					85						Apr		
1950	Brindled white-spot	1							85						Jul		
2164	•	•		78			82		•••								
	Broad-bordered yellow u/w	. 76	77						4 85	25	Jul	28	Sep	14	Jul	4	Seg
1773		!	•						4 85		Jun		Jul	27	May	24	Jui
2163	Broom moth	:							85					15	Jun	28	Ser
2302	Brown rustic	:							85					20	Jun		
1902	Brown silver-line	:	77	78					(85)					4	Jun	22	Jui
	Brown-line bright-eye	:				80											
2266	Brown-spot pinion	1976		78				8	4(85)	23	Sep	13	Dec	18	Sep	11	0c :
1653	Buff arches	;		78	79	80		(8	4 85)	9	Aug	9	Aug		Jul	1	Aun
2061	Buff ermine	1976			79	80		(8	4 85)	10) Jul		Jul		Jun		Au
1994	Buff-tip	1976	77	78		80			34)85		Jun	26	Aug		Jun		Ju
2369	Bulrush waimscot	;							84 85		Oct				Sep		Se
2434	Burnished brass	:		78		80			4 85)		Sep		Sep		Jul		Ju
2154	Cabbage moth	;	77	78		80		8	4 85	3.	Jul		Sep		Jul		Se
2214	Camomile shark	1							85						Hay	24	Ma
1913	Canary-shouldered thorn	;	77						34		Aug		Sep				+
2269	Centre-barred sallow	:							34(85)		Sep		Sep		Sep		0c
2258	Chestnut The	1976			7.				84 85		Dec		Aug		Apr		0c
1651	Chinese character	:	77		79			()	34)	21	Aug	Z 4	Aug				Ju
2019	Chocolate-tip	1							85) May ' Jun		ju Ju
2069	Cinnabar The	:	77			00			(85)		3 73				Jun Jul		Au
2193	Clay The	:	77			80			34(85) 34		Jul		Jul Aug				
2341	Cloaked minor	;				80			34	14	4 Aug	10	- Ruy				
	32322222222222222222222																

Table 2. BRACKNELL MOTHS 1976-1985.

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No,	Name	1976	77	78	79	80	81	82	83 84 85	1984 First	Last	1985 First	Last
1887	Clouded border	1976	_	 78		80	_	_	(84)85	17 Jun	22 Aug	26 May	17 Aug
2327	Clouded brindle	,		, ,		•			85			25 Jun	13 Jul
2188	Clouded drab	-	77	78	79					0-16 Jun		31 Mar	28 May
1958	Clouded silver	1976				80			(85			4 Jun	11 Jul
2326	Clouded-bordered brindle								85			24 Jun	24 Jun
1738	Common carpet	•		78		80			(84)85	2 Aug	26 Aug	1 Jun	22 Aug
1669	Common emerald	1976						82	85			4 Jul	17 Jul
2050	Common footman	:							(84 85) 5 Jul	17 Aug	2 Jul	7 Aug
1764	Common marbled carpet	:	77	78		80			(84)85	2 Sep	24 Oct	7 Jun	19 Oct
2187	Common quaker	;	77		79				(84)85	25 Aug	28 Sep	31 Mar	3 Aug
2343	Common rustic	1		78		80			84 85		3 Sep	25 Jun	20 Sep
17		1976		78		80			(84)85		27 Jun	30 May	ll Jul
2199	Common wainscot	1976							84 85	3 Jul	29 Sep	17 Jun	13 Oct
1956		;		78					84 85	27 Aug	27 Aug	27 May	21 Jun
1955	Common white wave	;	77		79				(84 85		24 Aug	19 Jun	30 Aug
2297	Copper underwing	1976				80			(84)85	28 Jul	6 Sep	29 Jul	20 Sep
2008	Coxcomb prominent	:		78		80			85			26 May	1 Aug
2321	Dark arches	1976			79	80			84 85	4 Jul	30 Aug	11 Jun	16 Sep
2259	Dark chestnut	;	77	78					84 85			9 Apr	30 Oct
1749	Dark spinach	!				80							
2091	Dark sword-grass	1976		78					84(85		28 Oct	27 Jun	24 Oct
1725	Dark-barred tw-spot carpe			78		80			83 84 85	_	2 Sep	22 Hay	24 May
1631	December moth	1976							84 85		20 Dec	7 Dec	16 Dec
2231	Deep-brown dart	1976							84 85		18 Oct	16 Sep	5 Oct
2314	Dingy shears	; 77		78	70				84 85		28 Jul	29 Jul	29 Jul
2155	Bot moth	:	77	70	79				(84 85		1 Aug	4 Jul 3 Mar	13 Aug 9 Mar
1934	Dotted border	:	"	/6	79	۵۸			85			3 ner	2 ner
2130 2105	Dotted clay	:				80			84 85	7 Jul		10 Aug	
2114	Dotted rustic Double dart	i		78					(85			13 Jul	13 Jul
2336	Double lobed	•		/ 0					84 85			31 Jul	
2128	Double square-spot	•	77	78		80			84 85		7 Aug	5 Jul	11 Sep
1862	Double-striped pug	:	•	, ,	79				04 00				
1640	Drinker The	;							84 85	1 Aug	4 Aug	27 Jul	2 Aug
2318	Dun-bar The	;		78		80			84 85	_	21 Aug	14 Jul	-
2330	Dusky brocade	;	77	78		••			(85			4 Aug	4 Aug
2352	Dusky sallow	:	•						84(85			12 Sep	13 Sep
1914	Dusky thorn	:	77						84 85	_	27 Sep	8 Sep	20 Sep
1705	Dwarf cream wave	•	77	78		80			(84)85	-	27 Jul	8 Jul	26 Jul
2360	Ear moth	;				80							
2243	Early grey		77						85			9 Apr	31 May
1960	Early moth	;			79				85			29 Jan	24 Feb
1917	Early thorn	1976	77	78	79	80			84 85	13 Aug		17 Apr	7 Aug
1881	Early tooth-striped	;			79								
1991	Elephant hawk-moth	:	77			80			85			19 Jun	23 Jul
1947	Engrailed The	;			79	80							
1980	Eyed hawk-moth	:	77						85			3 Jun	1 Jul
	Fan-foot The	;		78		80			84 85		24 Jul	l Jul	2 Aug
	Feathered gothic	1976							84	29 Aug			
	Feathered thorn	1976	77						84(85		15 Nov	5 Nov	5 Nov
2020	Figure of eight	;		78					84 85	9 Oct	26 Oct	14 Oct	
No,	Name	1976	77	78	79	80	81	82	83 84 85	First	Last	First	Last

Table 2. BRACKNELL MOTHS 1976-1985.

No,	Name	1976	77	78	79	80	81	82	83 84	85	1984 First	Last	1985 First	Last
				_		_	_			-				
1654	Figure of eighty	;								85			30 Jun	14 Oct
2098	Flame The	;			79	80			(84			10 Aug	19 Jun	19 Aug
1722	Flame carpet	;		78						85	19 Jun	29 Aug	6 Jul	6 Jul
2102	Flame shoulder	;		78		80			(84		20 Jun	4 Sep	21 May	20 Sep
2353	Flounced rustic	1976	77	78					84	85	15 Aug	7 Sep	29 Aug	19 Sep
1817	Foxglove pug	;								85			i Jul	28 Jul
2364	Frosted orange	:	77						84		10 Oct	10 Oct		
1728	Garden carpet	1976		78		80					0-16 Jun	10 Oct	26 May	5 Oct
2057	Garden tiger	;	77			80			83(84			20 Jul	24 Jul	2 Aug
14	Ghost moth	1976		70		^^				85			5 Jun	
2437 2136	Golden plusia	:		78		80				(85		7 6	3 Jul	3 Jul
1776	Gothic The	i .		78					84		28 Aug	7 Sep	14 0	14 Can
1860	Green carpet Green pug	i .		/0						85 85			14 Sep	14 Sep 16 Jul
2245	• +	1976		78					04	85	14 Oct	12 Nov	27 Jun 22 Oct	8 Nov
2150	Grey arches			/0					04	85	14 00 6	12 1104	15 Jul	o Nov
2284	Grey dagger (or -3)	:							9.4	85	19 Jul	19 Jul	21 May	31 Jul
1768	Grey pine carpet	,		78						85	4 Jul	1 Nov	22 Hay	5 Nov
1837	Grey pug (?)	1		,,					4	85		1 1104	24 Jun	J NO1
2088	Heart and club		77	78	79	80			(84		0-16 Jun	23 Sep	28 Jun	3 Aug
2089	Heart and dart	1976		, •	79						0-16 Jun	25 Aug) Jun	28 Aug
2190	Hebrew character	;	77	78	•	•			(84		16 Jul	27 Jul	26 Mar	31 May
2469	Herald The	:	77	. •		80				85	12 Nov	12 Nov	15 Jul	12 Sep
2120	Ingrailed clay	:	•	78		80			•	••				
2000	Iron prominent	:							84	85	16 Aug	16 Aug	22 May	17 Aug
1777	July highflyer	1976	77	78	79					85	27 Jun	16 Aug	14 Jul	4 Aug
2289	Knot grass	1976	77	78					84	85	1 Aug		31 May	2 Jun
1634	Lackey The	:		78	79					(85))		14 Jul	14 Jul
1642	Lappet The	;		78										
1666	Large emerald	1976			79									
2333	Large nutmeg	:		78						85			22 Jun	15 Jul
	Large ranunculus	1976		78		80				(85)	•	16 Oct	26 Sep	5 Oct
	Large wainscot	;							84		1 Oct			
2107		1976	77	78		80			(84		17 Jun	1 Nov	14 Jun	
	Latticed heath	;							84	85	31 Jul	15 Aug	31 Aug	_
	Lead-coloured drab	;								85			9 Apr	
	Least yellow underwing	:	77	78		80			84	85	26 Jul	21 Aug	31 Jul	18 Aug
161	Leopard moth	: 76		70		^^				85			10 Jul	25 Jul
2111	Lesser broad-bd yellow u/		"	/8		80			(84		6 Aug	1 Sep	25 Jul	15 Sep
2006 1868	Lesser swallow prominent	17/0				٥٥			(84	/03	21 Aug	25 Aug	ll Jun	30 Jul
2109	Lesser treble-bar Lesser yellow underwing	: 1976	77	70		80 80			101	OE'	22 11	28 Oct	22 141	2 0-1
2322		12/0	"		70				(84				22 Jul	2 Oct
2157	Light arches Light brocade			10	79	θŲ			(84	85.	10 Jul	30 Jul	28 Jun 27 May	30 Jul 4 Jun
1961	Light emerald			78	70				(84)		4 Jul	4 Jul	9 Jul	26 Jul
1979	Lime hawk-moth	:		10	13				104	85	4 701	4 701	28 May	20 Jun
1825	Lime-speck pug	;	77						(84)		30 Jul	29 Aug		17 7411
1674		1976	• •							•	~~~~~	** ucd		
1999	Lobster moth	!								85			21 Jun	5 Jul
2015	Lunar marbled brown	:		78						85			7 May	9 May
1918	Lunar thorn	:		. •					((85)			10 Jun	10 Jun
No,	**************************************	1976	 77	 78	 79	80	8 1	 82	83 84		First	Last	First	Last

Table 2. BRACKNELL MOTHS 1976-1985.

No.	Nane	1976	77	78	79	80	81	82	83 84	85 —		984 irst	Last	1985 First	Last
2270		1976	77	78		80			(84	85) 2	3 Sep	13 Oct	14 Sep	10 Oct
2319	Lunar-spotted pinion	;	•			• •				85				24 Jul	1 Aug
2173	Lychnis The	:		78					84	85	0-1	6 Jun	21 Aug	5 Jun	6 Jul
1884	Magpie The	:	77		79				(84	85	2	5 Aug	25 Aug	19 Aug	19 Aug
1680	Maiden's blush	;				80			84	85	2	0 Jun		26 May	30 Aug
2293	Marbled beauty	•	77	78		80			84			9 Jul	2 Sep		
2014	Marbled brown	:	77							85	_			11 Jun	19 Jun
2337	Marbled minor (or-8 or-9)	; 76	77			80			(84)8 5		6 Jul	6 Jul	14 Jun	26 Jul
2410	Marbled white spot	;				80			84	(85) 2	0 Jul		3 Jul	3 Jul
1663	Harch moth	:	77	78	79					85	-			24 Feb	17 Apr
1778	Hay highflyer	:		78							-				
2247	Merveille du jour	;							84			7 Oct	16 Oct		
2340	Middle-barred minor	:	77			80			(84			6 Jun	6 Jul	17 Jun	29 Jun
2280	Miller The	1976								85				5 Jul	28 Jul
2225	Minor shoulder-knot	;	77						84	(85		8 Jul	20 Jul	16 Jul	31 Jul
2462	Mother Shipton	;								85			~~~~) Jun	1 Jun
1941	Mottled beauty	1976	77		79				(84			7 Jun	23 Jul	21 Jun	19 Jul
2387	Mottled rustic	1		78		80				85		1 Jun	ll Jul	ll Jun	5 Aug
1935	Mottled umber	1976	77							85		1 Nov	15 Dec	11 Jan	30 Jan
2299	Mouse moth	;		78		80			(84			0 Jul	28 Sep	1 Aug	12 Sep
2063	Muslin moth	:	77									6 Jun	A No.	3 May) Jun
1795	November moth	1976								(85		4 Oct	3 Nov	8 Nov	8 Nov
2145	Nutmeg The	:	77						54	85		5 Aug	15 Aug	4 Aug	11 /
1930	Oak beauty	1076	77						0.4	85				25 Mar 26 May	li Apr 31 Aug
1646	Oak hook-tip	1976	//	/8						(85 85		5 Aug 9 Jul	24 Aug	6 Oct	6 Oct
2423	Oak nycteoline	:	77					82	04	00		3 Jul			
2300	Old lady	:	77			80		04	Q.A	85		28 Aug	3 Sep	14 Aug	14 Aug
15	Orange swift	i	77	78		00			04	85			2 0Eb	24 Feb	8 Mar
1926 1632	Pale brindled beauty	•	′′	78					84			30 Aug	5 Sep		
2389	Pale eggar Pale mottled willow	•		, 0						85		1 Sep	1 Sep	29 Jun	7 Oct
1944	Pale oak beauty	;								85		7 Jun		26 May	21 Jun
2011	Pale prominent		77	78		80						16 Jun	3 Aug	26 May	12 Jul
2028	Pale tussock	;	• •	, ,		•			, , , ,	85				24 Hay	24 Jun
2158	Pale-shouldered brocade	•		78	}					85				15 Jul	15 Jul
1652	Peach blossom	:		•					84	85		9 Jul	9 Jul	28 Jul	28 Jul
1648	Pebble hook-tip	:		78	}					85		21 Aug	23 Aug	9 May	2 Aug
2003	•	:	77						(84)85	5	3 Aug	21 Aug	21 May	10 Aug
1931	•	1976			79	t			(84)85	5 :	24 Jul	3 Aug	23 May	6 Aug
2179	Pine beauty	:								85	5 .			27 May	27 May
1767	Pine carpet								84	85	5	8 Oct	31 Oct	26 Sep	16 Oct
1978	Pine hawk-moth	:								85	5			27 Jun	6 Aug
2273	Pink-barred sallow	;	77	•					84	85	5	1 Oct	27 Oct	26 Sep	13 Oct
2443	Plain golden Y	;							84	85	5	4 Jul		7 Jul	17 Jul
2278	Poplar grey	;								85	-			26 May	7 Aug
1981	Poplar hawk-moth	;	77	78					(84	1)85		31 Jul	13 Aug	22 May	11 Aug
1998	Poplar kitten	;		78	}					85	-			4 Jun	5 Jul
2186	Powdered quaker	;			79)				85				11 Apr	23 May
1919	Purple thorn	;					_			8				2 May	4 Aug
1995	Puss moth	:					81			88	5	~~		21 May	19 Jun
2139	Red chestnut	:			79	,									
	######################################									. ~	-		1.54		1.55
No.	Name	1976	77	78	; 79	80	81	82	83 84	, 8;		First	Last	First	Last

Table 2. BRACKNELL MOTHS 1976-1985.

No,		1976	77	78	79	80	81	82	83 84	85	1984 First	Last	1985 First	Last
1724	Red twin-spot carpet			78		80			83 84	85	18 Aug	18 Aug	27 May	6 Jun
2452		1976		78		80			(84		24 Aug	27 Sep		
2263	-	1976	77	••		•			(84		11 Oct	31 Oct	3 Oct	2 Nov
1713	•	1976		78	79	80			(84		6 Jul	3 Sep	28 Jun	14 Aug
2342	Rosy minor	!	• •							85			4 Aug	
2361		1976	77	78					(84)85	4 Sep	28 Oct	8 Aug	21 Sep
2064		1976							83(84)85	25 Jul	22 Aug	26 May	6 Aug
2334	Rustic shoulder-knot	:		78		80				85			26 Jun	10 Jul
2274	Sallow The	:	77	78					84	85	23 Sep	22 Oct	12 Sep	11 Oct
1997	Sallow kitten	1976							84	85	17 Aug	18 Aug	26 May	20 Aug
2256	Satellite The	1976							84	85	23 Oct	9 Nov	28 Feb	6 Dec
1789	Scallop shell	;								85			17 Aug	17 Aug
1920	Scalloped hazel	:		78						85			24 May	16 Jun
1645	Scalloped hook-tip	1976		78					84		31 Jul	16 Aug		
1921	Scalloped oak	1976	77			80			84	85	24 Jul	1 Sep	23 Jul	2 Sep
2400		;								85			10 Oct	10 Oct
2047	Scarce footman	;							84	85	21 Aug	21 Aug	10 Jul	25 Jul
2421		1976		78						85			9 Jul	2 Aug
1788	Scarce tissue	;	77								****			
1933		1976	77						84	(85)	28 Nov	1 Dec	1 Dec	13 Dec
1888		:								85			li Jul	15 Jul
1904	-	:	77							85			5 Jun	5 Jul
1915		;				80			84	85	-	27 Sep	20 Jul	5 Nov
1879	Seraphim The	:								85			20 Jun	
2126	Setaceous Hebrew characte	r 76				80			(84		8 Aug	28 Oct	2 Jun	14 Oct
1732		;	77	78	79	80		82		(85)	16 Jul	20 Aug	13 Jul	21 Aug
1794	· -	;							83 84		27 Jul			
2147	Shears The	1		78										
2077		:	77	78		80			(84		11 Jul	20 Jul	17 Jul	31 Jul
1746	Shoulder stripe	;		78						85			15 Apr	17 Apr
2205	Shoulder-striped wainscot			70		~~			0.4	85	16 1	4.6	l Jul	23 Jul
2092	•	1976		78		80)-16 Jun	4 Sep	23 May	18 Sep
2441	Silver Y	1976		70		80			(84		24 Jun	14 Dec	16 Jun	13 Dec
1727	.	!	//	78		00			(84		17 Jun	23 Jul	4 Jun	26 Jun
1708	Single-dotted wave	:			70	80				(85)	30 Jul	7 Aug	15 Jul	15 Jul
2133	Six-striped rustic	:			79				84	85 05	15 Aug		21 Aug	10 Sep
2335	Slender brindle	:							0.4	85 05			27 Jul 12 Jul	
2305	Small angle shades	1076		70						85	28 Jul			1 Aug
1690	Small blood vein	1976		78					(84	85)	20 Jun	2 Sep	l Jul 9 Mar	25 Jul 24 Mar
1925	Small brindled beauty	:				80				85 85			4 Jun	25 Jun
2331	Small clouded brindle	:				0 V				85			15 Jul	15 Jul
2345	Small dotted buff	:								85			19 Jun	13 Jul
1992	Small elephant hawk-moth				79					03			13 JUN	1: 341
1948	Small engrailed	1076			13				84		7 Jul			
2492 1702	Small fan-foot	1976								85	/ Jui		23 Jul	29 Jul
2385	Small fan-footed wave Small mottled willow		77	78						03			23 141	
1759		i		78		80			(84	185	5 Aug	3 Sep	21 May	8 Aug
2182	•	•		78	70	σv			104	85	o Muy	2 3eh	31 Mar	4 May
1803	Small quaker Small rivulet	,	11	78	13	80			0.4	(85)	27 Jul		22 Jul	24 Jul
1712	Small scallop	•		70		94			Q4	85	2/ Jul		30 Jul	30 Jul
1/14	Small aratioh	·					_	_						
No,	Name	1976	77	78	79	80	81	82	83 84	85	First	Last	First	Last

Table 2. BRACKNELL MOTHS 1976-1985.

No,	Name	1976	77	78	79	80	81	82	83 84 85	1984 First	Last	1985 First	Last
1882	Small seraphim	:	_	78	_	80			(84)85	18 Jun	23 Jul	4 Jun	21 Jun
2123	Small square-spot	;		78		80			84 85	28 Aug	27 Sep	11 Jun	26 Jun
1781	Small waved umber	:							84	4 Aug	4 Aug		
1876	Small yellow wave	i							84(85)	_		l Jul	13 Jul
2198	Smoky Wainscot		77			80			(84 85)	28 Jun	27 Aug	8 Jul	20 Aug
2477	Snout	;							84	7 Jul	7 Jul		
2450	Spectacle The	•							85			17 Jun	11 Sep
1757	Spinach	;	77			80			(84)	7 Jul	7 Jul		
2227	Sprawler	1976							84	9 Nov	9 Nov		
1932	Spring usher	;							85			8 Feb	14 Mar
1769	Spruce carpet	;							84 85	12 Jun	23 Oct	14 Jun	13 Oct
2134	Square-spot rustic	1976	77	78					84 85	15 Aug	29 Sep	30 Aug	21 Sep
2474	Straw dot	:							84 85	24 Aug		19 Jun	13 Sep
2303	Straw underwing	;	77			80			84(85)	9 Aug	21 Aug	10 Aug	11 Aug
1864	Streak The	1976	77						(84 85)	23 Oct	31 Oct	18 Oct	18 Oct
1747	Streamer The	:		78									
2007	Swallow prominent	1	77			80			85			9 May	20 Aug
1922	Swallow-tailed moth	1976		78				82	(85)			30 Jun	29 Jul
2279	Sycamore	1976	77						84 85	9 Jul		3 Jun	4 Aug
2167	Tawny shears	;							85			26 May	
1838	Tawny speckled pug	;							(84)	25 Aug	25 Aug		
1893	Tawny-barred angle	;				80			84 85	30 Jul	13 Aug	21 Jun	17 Jul
2382	The rustic	!							84 85	13 Aug		23 Jul	
2381	The uncertain	1976			79	80			84 85	4 Jul		23 Jul	
1790	Tissue The	!		78									
1711	Treble brown spot	1976							84(85)		26 Jun	2 Jul	26 Jul
2380	Treble lines	ž t	77	78		80			(84 85)	0-16 Jun	18 Jun	4 Jun	9 Jul
2127	Triple-spotted clay	:			79						*****		*****
2118	True lover's knot			78	79				(85)			24 Jun	19 Aug
2087	Turnip moth	1976	"	78		80			84 85	20 Jun	30 Oct	5 Jun	16 Aug
2189 1897	Twin-spotted quaker	:		70					85	00 1	05 11	30 Mar	20 Apr
1858	V-moth The V-pug The	;		78					(84) 83	26 Jul	26 Jul		
2026	• •	i	77									20 00-	20 64-
2170	Vapourer The Varied coronet	•	77						84 85 85	9 Aug	30 Sep	30 Aug 22 Jul	30 Aug
2384	Vine's rustic	1976	77			80				0-16 Jun	28 Aug	20 Jun	22 Jul 7 Oct
2475	Waved black	13/0	′′			οv			84	2 Aug	9 Aug	20 Juli	/ 00 0
1936	Waved unber		77	78					85	2 nuy	J Rug	21 May	21 May
2060	White ermine	:	77	,,		80			(85)			26 May	13 Jul
2031	White satin moth	:	"			v			85	*****		9 Jul	25 Jul
1957	White-pinion spotted	-							85			5 Jun	5 Jun
1937	Willow beauty	1976	77	78	:79				(84- 85)	21 Iun :	3 Sep	21 Jun	5 Sep
1799	Winter moth	1370	77	/0	,,				84(85)	11 Dec	16 Dec	8 Mar	10 Dec
1659	Yellow horned	•	"		79				04(03)			4 1161	
1742	Yellow shell		77	78	,,	80			(84)85	18 Jul	19 Aug	15 Jun	8 Sep
1883	Yellow-barred brindle	•	"	78		JV			(04/03	10 101		10 1611	
2264	Yellow-line quaker	•	77	78					84 85	18 Oct	1 Nov	23 Oct	2 Dec
2030	Yellow-tail	1976	, ,	78		80			(84)85	11 Jul	25 Aug	18 Jul	21 Aug
	210210220000000						_						
No,	Name	1976	77	78	79	80	81	82	83 84 85	First	Last	First	Last

Table 2. BRACKNELL MOTHS 1976-1985.

B&F List No,			ne	n la	be	l (o	r obs	servation 183 84			observati Jun-Dec) Last		Jan-Dec Last
==== 4	Ghost moth	1976							 85			5 Jun	25 Ju
15	Orange swift	!				80		84		28 Aug	3 Sep	14 Aug	
17	_	1976	77	78		80		(84)		_	27 Jun	30 May	
61	Leopard moth	!							85			10 Jul	
1631	•	1976						84		3 Nov	20 Dec	7 Dec	
632	Pale eggar	:		78				84		30 Aug	5 Sep		
634	Lackey The			78	79			(85)			14 Jul	14 Ju
640	Drinker The	:						84	85	1 Aug	4 Aug	27 Jul	2 Au
642	Lappet The	!		78									
645	Scalloped hook-tip	1976		78				84		31 Jul	16 Aug		
646	Oak hook-tip	1976	77	78				84 (85)	5 Aug	24 Aug	26 May	31 Au
648	Pebble hook-tip	:		78				84	85	21 Aug	23 Aug	9 May	2 Au
651	Chinese character	:	77		79			(84)	!	24 Aug	24 Aug		
652	Peach blossom	!						84	85	9 Jul	9 Jul	28 Jul	28 Ju
653	Buff arches	;		78	79	80		(84	85)	9 Aug	9 Aug	3 Jul	1 Au
654	Figure of eighty	:							85			30 Jun	14 Oc
1659	Yellow horned	:			79								
1663	March moth	;	77	78	79				85			24 Feb	17 Ap
1666	Large emerald	1976			79								
1667		:							85		*****	l Jul	10 Ju
669	Common emerald	1976					82	2	85			4 Jul	17 Ju
1674	Little emerald	1976											
1677	Birch mocha	:						84		21 Aug	31 Aug		
1680	Maiden's blush	;				80		84	85	20 Jun		26 May	30 Au
1682	Blood vein		77			80		(84		21 Aug	25 Aug	20 Jun	
1690		1976		78				(84		20 Jun	2 Sep	l Jul	
1702		:							5			23 Jul	
1705	Dwarf cream wave	;	77	78		80		(84)		19 Jul	27 Jul	8 Jul	
1708	Single-dotted wave	1				80			85)	30 Jul	7 Aug		
1711	Treble brown spot	1976						84 (85)	26 Jun	26 Jun	2 Jul	
1712	Small scallop	!							85			30 Jul	
1713		1976	77	78	79	80		(84)	85	6 Jul	3 Sep	28 Jur	14 Au
1721	Balsam carpet	:						84		25 Aug			
1722	Flame carpet	;	77	78				84		19 Jun	29 Aug	6 Jul	
1724	Red twin-spot carpet	!		78		80		83 84		18 Aug	18 Aug	27 May	
1725	Dark-barred tw-spot carpe	t		78		80		83 84		16 Aug	2 Sep	22 May	
1727	Silver-ground carpet	:		78				(84)		17 Jun	23 Jul	4 Jur	
1728	Garden carpet	1976				80)-16 Jun	10 Oct	26 May	
1732	Shaded broad-bar	;	77		79	80	82		85)	16 Jul	20 Aug	13 Jul	
1738	Common carpet	:		78		80		(84)		2 Aug	26 Aug) Jun	
1742	Yellow shell	;	77	78		80		(84)		18 Jul	19 Aug	15 Jun	
1746	Shoulder stripe	1		78					85			15 Apr	17 Ap
1747	Streamer, The	:		78							*****		
1749	Dark spinach	1				80		,					
1757	Spinach	1	77			80		(84)		7 Jul	7 Jul		
1758	Barred straw	:	77	۹,۸		80			85)	5 Jul	13 Jul	6 Jul	
1759 ====	Small phoenix		11	78		80		(84)	55	5 Aug	3 Sep	21 Hay	8 Au
10,	Nane	1076	77	70	70		01 01	83 84	<u></u>	First	Last	First	Last

Table 3. BRACKNELL MOTHS 1976-1985.

No,	Name	1976	77	78	79	80	81	82	83 84	85	1984 First	Last	1985 First	Last
1764	Common marbled carpet	:	77			80	-	_	(84)		2 Sep	24 Oct	7 Jun	19 Oct
1765	Barred yellow	;	77		79	80				85)			l Jul	14 Jul
1767	Pine carpet	:							84		8 Oct	31 Oct	26 Sep	16 Oct
1768	Grey pine carpet	:		78					84	85	4 Jul	1 Nov	22 May	5 Nov
1769	Spruce carpet	:							84	85	12 Jun	23 Oct	14 Jun	13 Oct
1773	Broken-barred carpet	•							84	85	24 Jun	li Jul	27 May	24 Jun
1776	Green carpet	•		78						85			14 Sep	14 Sep
1777	July highflyer	1976	77	78	79				84	85	27 Jun	16 Aug	14 Jul	4 Aug
1778	May highflyer	;		78										
1781	Small waved umber	;							84		4 Aug	4 Aug		
1788	Scarce tissue	;	77											
1789	Scallop shell	;								85			17 Aug	17 Aug
1790	Tissue The	;		78										
1794	Sharp-angled carpet	;							83 84		27 Jul			
1795	November moth	1976							840	85)	14 Oct	3 Nov	8 Nov	8 Nov
1799	Winter moth	;	77							85)	11 Dec	16 Dec	8 Mar	10 Dec
1803	Small rivulet	;		78		80			84 (85)	27 Jul		22 Jul	24 Jul
1817	Foxglove pug	;								85			l Jul	28 Jul
1825	Lime-speck pug	;	77						(84)	ı	30 Jul	29 Aug		
1837	Grey pug (?)	;								85			24 Jun	****
1838	Tawny speckled pug	1							(84)		25 Aug	25 Aug		
1839	Bordered pug	;	77						(84)	1	5 Jul	5 Jul		
1852	Brindled pug	;								85			22 Apr	*****
1858	Y-pug The	;							83					
1860	Green pug	;								85			27 Jun	16 Jul
1862	Double-striped pug	;			79									
1864	Streak The	1976	77						(84	85)	23 Oct	31 Oct	18 Oct	18 Oct
1868	Lesser treble-bar	;				80								
1876	Small yellow wave	:							84 (85)	20 Jul		1 Jul	13 Jul
1879	Seraphim The	;								85			20 Jun	
1881	Early tooth-striped	;			79									
1882	Small seraphim	1		78		80			(84)	85	18 Jun	23 Jul	4 Jun	21 Jun
1883	Yellow-barred brindle	;		78					4041		05 4	05 4	10 4	10 4
1884	Magpie The	1076	77		79				(84)		25 Aug	25 Aug	19 Aug	19 Aug
1887	Clouded border	1976		78		80			(84)		17 Jun	22 Aug	26 May	17 Aug
1888	Scorched carpet	:				٥.			0.4	85	20 1	10 A	ll Jul	15 Jul
1893	Tawny-barred angle					80			84		30 Jul	13 Aug	21 Jun	17 Jul
1894	Latticed heath	i		70					84		31 Jul	15 Aug	31 Aug	31 Aug
1897	V-moth The	i	77	78 70					(84)		26 Jul	26 Jul	4 145	22 Jun
1902	Brown silver-line			78					,	(85) 85			4 Jun 5 Jun	5 Jul
1904 1906	Scorched wing	; 1976	77			80			104		-16 Jun		21 May	11 Oct
	Brimstone moth	13/0	77			φv			84	9910	17 Aug	3 Sep	Z: nay	11 000
1913 1914	Canary-shouldered thorn Dusky thorn		77						84	Q E	24 Aug	4 Sep 27 Sep	8 Sep	20 Sep
1915		i	"			80			84		24 Aug	27 Sep	20 Jul	5 Nov
1917	September thorn Early thorn	1976	77	79	70				84		13 Aug	27 Sep	17 Apr	7 Aug
1918	Lunar thorn	1310	"	70	, 3	50				85)	13 Rug		10 Jun	10 Jun
1919	Purple thorn								'	85			2 Hay	4 Aug
1920	Scalloped hazel			78						85			24 Hay	16 Jun
1921	Scalloped oak	1976	77	, 0		80			84		24 Jul	1 Sep	23 Jul	2 Sep
1922	Swallow-tailed moth	1976	"	78		J V		82		85)	24 701	1 2eb	30 Jun	29 Jul
1722													44 4411	
No,	Name	1976	77	78	79	80	81	82	83 84	85	First	Last	First	Last

Table 3. BRACKNELL MOTHS 1976-1985.

No,	Name	1976	77	78	79	80	81	82	83 84	85	1984 First	Last	1985 First	Last
1923	Feathered thorn	1976	77	78					84	(85) 14 Oct	15 Nov	5 Nov	5 Nov
1925	Small brindled beauty	;								85			9 Mar	24 Mar
1926	Pale brindled beauty	;	77	78						85			24 Feb	8 Mar
1927	Brindled beauty	;	77	78						(85)		11 Apr	7 May
1930	Oak beauty	;	77							85			25 Mar	11 Apr
1931	Peppered moth	1976	77	78	79				(84)85	24 Jul	3 Aug	23 May	6 Aug
1932	Spring usher	;								85			8 Feb	14 Mar
1933	Scarce umber	1976	77						84	(85) 28 Nov	1 Dec	1 Dec	13 Dec
1934	Dotted border	;	77	78	79					85			3 Mar	9 Mar
1935	Mottled umber	1976	77						84	85	1 Nov	15 Dec	ll Jan	30 Jan
1936	Waved umber	;	77	78						85			21 May	21 May
1937	Willow beauty	1976	77	78	79				(84	85) 21 Jun	3 Sep	21 Jun	5 Sep
1941	Mottled beauty	1976	77	78	79	80			(84)85	17 Jun	23 Jul	21 Jun	19 Jul
1944	Pale oak beauty	;							84	95	17 Jun		26 May	21 Jun
1947	Engrailed The	;			79	80								
1948	Small engrailed	:			79									
1950	Brindled white-spot	;								85			7 Jul	
1954	Bordered white	1976							84	85	21 Jun	6 Aug	l Jul	25 Jul
1955	Common white wave	;	77		79				(84	85) 26 Jun	24 Aug	19 Jun	30 Aug
1956	Common wave	;	77	78					84	85	27 Aug	27 Aug	27 May	21 Jun
1957	White-pinion spotted	:								85			5 Jun	5 Jun
1958	Clouded silver	1976	77			80				(85)		4 Jun	11 Jul
1960	Early moth	;			79					85			29 Jan	24 Feb
1961	Light emerald	;		78	79				(84)85	4 Jul	4 Jul	9 Jul	26 Jul
1978	Pine hawk-moth	:								85			27 Jun	6 Aug
1979	Lime hawk-moth	;								85			28 May	19 Jun
1980	Eyed hawk-moth	;	77							85			3 Jun	l Jul
1981	Poplar hawk-moth	:		78					(84		31 Jul	13 Aug	22 May	11 Aug
1991	Elephant hawk-moth	:	77			80				85			19 Jun	23 Jul
1992	Small elephant hawk-moth									85			19 Jun	11 Jul
1994	Buff-tip	1976	77	78		80			(84		25 Jun	26 Aug	10 Jun	31 Jul
1995	Puss moth	:					81			85			21 May	19 Jun
1997	Sallow kitten	1976							84	85	17 Aug	18 Aug	26 May	20 Aug
1998	Poplar kitten	;		78						85			4 Jun	5 Jul
1999	Lobster moth	;								85			21 Jun	5 Jul
2000	Iron prominent	;								85	16 Aug	16 Aug	22 May	17 Aug
2003	Pebble prominent	;	77						(84		3 Aug	21 Aug	21 May	10 Aug
2006	Lesser swallow prominent	13/6				^^			(84		21 Aug	25 Aug	11 Jun	30 Jul
2007	Swallow prominent	:	77	70		80				85			9 May	20 Aug
2008	Coxcomb prominent			78		80			/04	85	A 16 7	0.4	26 May	i Aug
2011	Pale prominent	i		78		80			(84		0-16 Jun	3 Aug	26 May	12 Jul
2015	Marbled brown		77	70						85			11 Jun	19 Jun
2019	Lunar marbled brown Chocolate-tip			78						85			7 May	9 May
2020	•	;		78					0.4	85	0.0-4	25 0-4	20 May	5 Jun
2026	Figure of eight Vapourer The	i	77	70						85 85	9 Oct	26 Oct	14 Oct	20 4
2028	Pale tussock		′′						04		9 Aug	30 Sep	30 Aug	30 Aug
2030	Yellow-tail	1976		78		80			(84	85		25 Aug	24 Hay	24 Jun
2030	White satin moth	12/0		70		οv			(04	703 85	11 Jul	25 Aug	18 Jul	21 Aug
2033	Black arches								04			24 A	9 Jul	25 Jul
2033	Scarce footman	i •								85 85	24 Aug	24 Aug	28 Jul	28 Sep
2047	A-41-CE A-41-CE	·				_	_		04	03	21 Aug	21 Aug	10 Jul	25 Jul
No,	Name	1976	77	78	79	80	81	82	83 84	85	First	Last	First	Last

Table 3. BRACKNELL MOTHS 1976-1985.

No,	Name	1976	77	78	79	80	81	82	83 84	85	1984 First	Last	1985 First	Last
2050	Common footman			_	_		_	_		85)	5 Jul	17 Aug	2 Jul	7 Aug
2057	Garden tiger	:	77			80			83(84			20 Jul	24 Jul	2 Aug
2060	White ermine	•	77			80			00104	(85)			26 May	13 Jul
2061	Buff ermine	1976	• •		79	80			(84	85)		19 Jul	9 Jun	2 Aug
2063	Muslin moth	,	77			•					0-16 Jun		3 May	l Jun
2064	Ruby tiger	1976	• •						83(84		25 Jul	22 Aug	26 May	6 Aug
2069	Cinnabar The		77							(85)			7 Jun	23 Jul
2077	Short-cloaked moth	:		78		80)85	11 Jul	20 Jul	17 Jul	31 Jul
2087	Turnip moth	1976				80				85	20 Jun	30 Oct	5 Jun	16 Aug
2088	Heart and club	!			79						0-16 Jun	23 Sep	28 Jun	3 Aug
2089	Heart and dart	1976		•		80					0-16 Jun	25 Aug	1 Jun	28 Aug
2091	Dark sword-grass	1976	• •	78						(85)		28 Oct	27 Jun	24 Oct
2092	Shuttle-shaped dart	1976	77			80					0-16 Jun	4 Sep	23 May	18 Sep
2098	Flame The	!			79					85		10 Aug	19 Jun	19 Aug
2102	Flame shoulder	;		78	_	80)85	20 Jun	4 Sep	21 May	20 Sep
2105	Dotted rustic	:								85	7 Jul		10 Aug	
2107		1976	77	78		80			(84)85	17 Jun	1 Nov	14 Jun	29 Oct
2109		1976				80			(84	85	23 Jul	28 Oct	22 Jul	2 Oct
2110	Broad-bordered yellow u/								84	85	25 Jul	28 Sep	14 Jul	4 Sep
2111	Lesser broad-bd yellow u					80			(84)85	6 Aug	1 Sep	25 Jul	15 Sep
2112	Least yellow underwing			78		80			84	85	26 Jul	21 Aug	31 Jul	18 Aug
2114	Double dart			78						(85)			13 Jul	13 Jul
2118	True lover's knot	:		78	79					(85)			24 Jun	19 Aug
2120	Ingrailed clay	:		78		80								
2123	Small square-spot	;		78		80			84	85	28 Aug	27 Sep	11 Jun	26 Jun
2126	Setaceous Hebrew characte	er 76	77	78		80			(84)85	8 Aug	28 Oct	2 Jun	14 Oct
2127	Triple-spotted clay	:			79									
2128	Double square-spot	;	77	78		80			84	85	7 Aug	7 Aug	5 Jul	11 Sep
2130	Dotted clay	;				80								
2133	Six-striped rustic	;			79					85	15 Aug			10 Sep
2134	Square-spot rustic	1976	77	78						85	15 Aug	29 Sep	_	21 S e p
2136	Gothic The	;							84	1	28 Aug	7 Sep		
2139	Red chestnut	;			79									
2145	Nutmeg The	;	77						84	85	15 Aug	15 Aug	4 Aug	
2147	Shears The	;	77	78										
2150	Grey arches	;								85			15 Jul	17 Jul
2154	Cabbage moth	;		78		80				85	31 Jul	1 Sep	2 Jul	12 Sep
2155	Dot moth	:	77		79				(84	85) 12 Jul	1 Aug	4 Jul	13 Aug
2157	Light brocade	;								85			27 May	4 Jun
2158	Pale-shouldered brocade	1		78						85			15 Jul	15 Jul
2160	Bright-line brown-eye	1976	77	78		80			(8))85	27 Jul	27 Jul	17 Jun	16 Sep
2163	Broom moth	;								85			15 Jun	28 Sep
2164	Broad-barred white	;		78				82						
2167	Tawny shears	;								85		~~~~	26 May	20 1
2170	Varied coronet	:								85	A 16 1	01 4	22 Jul	22 Jul
2173	Lychnis The	1074		78							0-16 Jun	21 Aug	5 Jun	6 Jul
2178	Feathered gothic	1976	11						84		29 Aug		07 Ma	07 =
2179	Pine beauty	:			7.					85			27 May	27 May
2182	Small quaker	:	11	78	/9					85			31 Mar	4 May
2185	Lead-coloured drab	1			7.					85			9 Apr	22 Hay
2186	Powdered quaker	:		_	79					85			11 Apr	23 May
No,	Name	1976	77	78	79	80	81	82	83 84	85	First	Last	First	Last

Table 3. BRACKNELL MOTHS 1976-1985.

N	N	1070				•	۵.		00.04.05	1984	1 4	1985	1 4
No, ====	Name	19/6	<u>''</u>	78	79	80	81	82	83 84 85	First	Last	First	Last
2187	Common quaker	;	77		79				(84)85	25 Aug	28 Sep	31 Mar	3 Aug
2188	Clouded drab	;	77	78	79				(84)85	0-16 Jun		31 Mar	28 May
2189	Twin-spotted quaker	1							85			30 Mar	20 Apr
2190	Hebrew character	:	77	78					(84)85	16 Jul	27 Jul	26 Mar	31 May
2192	Brown-line bright-eye	;				80						*	
2193	Clay The	;	77			80			84(85)	13 Jul	30 Jul	4 Jul	6 Aug
2198	Smoky Wainscot	:	77			80			(84 85)		27 Aug	8 Jul	20 Aug
2199	Common wainscot	1976	77						84 85	3 Jul	29 Sep	17 Jun	13 Oct
2205	Shoulder-striped wainscot	;							85	~~~		1 Jul	23 Jul
2214	Camomile shark	;							85		00 1	24 May	24 May
2225	Minor shoulder-knot	1076	77						84(85)	18 Jul	20 Jul	16 Jul	31 Jul
2227	Sprawler	1976	77	70					84	9 Nov	9 Nov	16 0	5 0-4
2231	•	1976							84 85	12 Jul	18 Oct	16 Sep	5 Oct
2232		1976	11	10					(84 85	•	29 Oct	15 Sep	7 Oct 21 Oct
2240 2243	Blair's shoulder-knot	•	77						84 85	1 Oct	15 Nov	4 Oct 9 Apr	31 May
2245	Early grey Green-brindled crescent	: 1976	"	78					85 84 85	14 Oct	12 Nov	22 Oct	8 Nov
2245	Merveille du jour			/0					84	7 Oct	16 Oct	22 00 0	0 1101
2248	Brindled green	: 1976		78					84(85)	23 Sep	19 Oct	15 Sep	14 Oct
2252	Large ranunculus	1976		78		80			84(85)	30 Sep	16 Oct	26 Sep	5 Oct
2256	Satellite The	1976		/0		00			84 85	23 Oct	9 Nov	28 Feb	6 Dec
2258	Chestnut The	1976	77						84 85	13 Dec	J 1107	19 Apr	29 Oct
2259	Dark chestnut	;	77	78					84 85	10 Oct		9 Apr	30 Oct
2262	Brick The	1976	′′	,,					84 85	31 Oct	19 Nov	30 Sep	28 Oct
2263	Red-line quaker	1976	77						(84)85	11 Oct	31 Oct	3 Oct	2 Nov
2264	Yellow-line quaker	!	77	78					84 85	18 Oct	1 Nov	23 Oct	2 Dec
2266	Brown-spot pinion	1976	• •	78					84(85)	23 Sep	13 Dec	18 Sep	11 Oct
2267	Beaded chestnut	1976	77						84(85)	26 Sep	1 Nov	26 Sep	22 Oct
2269	Centre-barred sallow	:							84(85)	6 Sep	7 Sep	11 Sep	7 Oct
2270		1976	77	78		80			(84 85)	23 Sep	13 Oct	14 Sep	10 Oct
2272	Barred sallow	;							84(85)	28 Sep	15 Oct	25 Sep	25 Sep
2273	Pink-barred sallow	;	77						84 85	1 Oct	27 Oct	26 Sep	13 Oct
2274	Sallow The	;	77	78					84 85	23 Sep	22 Oct	12 Sep	11 Oct
2278	Poplar grey	;							85			26 May	7 Aug
2279	Sycamore	1976	77						84 85	9 Jul		3 Jun	4 Aug
2280	Miller The	1976							85			5 Jul	28 Jul
2284	Grey dagger (or -3)	;							84 85	19 Jul	19 Jul	21 May	31 Jul
2289	Knot grass	1976							84 85	1 Aug		31 May	2 Jum
2293	Marbled beauty	;	77			80			84	9 Jul	2 Sep		
2297	Copper underwing	1976	77			80			(84)85	28 Jul	6 Sep	29 Jul	20 Sep
2299	Mouse moth	:		78		80			(84 85)	30 Jul	28 Sep	1 Aug	12 S e p
2300	Old lady	;	77					82					
2301	Bird's wing	;	77						45			00 1	
2302	Brown rustic	1	~~			^^			85	0 4	01 A	20 Jun	11 A
	Straw underwing	i	77			80			84(85)		21 Aug	10 Aug	11 Aug
2305	Small angle shades	1076	77						84 85	28 Jul	22 Nov	12 Jul	1 Aug
2306	Angle shades	1976	11	70					84(85)		23 Nov	4 Mar	1 Nov 29 Jul
2314	Dingy shears	: 77		78 78		۸۵			84 85	8 Jul	28 Jul	29 Jul	25 July 31 Aug
2318	Dun-bar The			10		80			84 85 85	19 Jul	21 Aug	14 Jul 24 Jul	_
2319 2321	Lunar-spotted pinion Dark arches	: 1976	77		79	80			84 85	4 Jul	30 Aug	11 Jun	1 Aug 16 Sep
2321	WELL BILLIES					_				- 701	nug		
No,	Name	1976	77	78	79	80	81	82	83 84 85	First	Last	First	Last

Table 3. BRACKNELL MOTHS 1976-1985.

No,	Name	1976	77	78	79	80	81	82	83 84	85		984 irst	Last	1985 First	Last
====											-				
2322	Light arches	:		78	79	80			(84			0 Jul	30 Jul	28 Jun	30 Jul
2326	Clouded-bordered brindle	;								85	-			24 Jun	24 Jun
2327	Clouded brindle	,								85	•			25 Jun	13 Jul
2330	Dusky brocade	;	77	78					+	(85)) -			4 Aug	4 Aug
2331	Small clouded brindle	;				80				85	•			4 Jun	25 Jun
2333	Large nutmeg	;		78						85	-		*****	22 Jun	15 Jul
2334	Rustic shoulder-knot	;		78		80				85	•			26 Jun	10 Jul
2335	Slender brindle	:								85	-			27 Jul	
2336	Double lobed	:							84	85	1	6 Jul		31 Jul	
2337	Marbled minor (or-8 or-9)	: 76	77			80			(84)	85		6 Jul	6 Jul	14 Jun	26 Jul
2340	Middle-barred minor	:	77			80			(84)	85	0-1	6 Jun	6 Jul	17 Jun	29 Jun
2341	Cloaked minor	:				80			84		1	4 Aug	16 Aug		
2342	Rosy minor	:								85				4 Aug	
2343	Common rustic	:	77	78		80			84	85	١	0 Jul	3 Sep	25 Jun	20 Sep
2345	Small dotted buff	;	• •	•		•				85				15 Jul	15 Jul
2352	Dusky sallow	1							84	(85)) 1	2 Aug		12 Sep	13 Sep
2353	Flounced rustic	1976	77	78						85		5 Aug	7 Sep	29 Aug	19 Sep
2360	Ear moth	,	′′	,,		80			•	•					
2361	Rosy rustic	1976	77	78		•			(84	185		4 Sep	28 Oct	8 Aug	21 Sep
2364	Frosted orange		77	,,					84	, 00	,	0 Oct	10 Oct		
2369	Bulrush wainscot	!	′′							85		0 Oct		21 Sep	21 Sep
2375									84	00		1 Oct			
2380	Large wainscot Treble lines		77	78		80				0.5	۱۸-1		18 Jun	4 Jun	9 Jul
2381		; 1976	"		79					85		4 Jul		23 Jul	
2382	The uncertain	13/0		10	13	οv				85		3 Aug		23 Jul	
	The rustic	; 1976	77			80						6 Jun	28 Aug	20 Jun	7 Oct
238 4 2385	Vine's rustic	17/0		78		οv			04	03	V-1	0 7011	ZO MUY	20 3411	7 00 0
	Small mottled willow		"			٥٨			04	05	,	l Jun	11 Jul	11 Jun	5 Aug
2387	Mottled rustic Pale mottled willow	i		78		80				85 85		1 Sep	1 Sep	29 Jun	7 Oct
2389		:							04	85		ı ash	i seh	10 Oct	10 Oct
2400	Scarce bordered straw	:				٥٨			04					3 Jul	3 Jul
2410	Marbled white spot	1076	77	70		80			04	(85		20 Jul		9 Jul	2 Aug
2421	Scarce silver-lines	1976	11	/6					0.4	85	•	0 71			
2423	Oak nycteoline	;		70		^^				85		9 Jul		6 Oct	6 Oct
2434	Burnished brass	;		78		80			(84			2 Sep	2 Sep	8 Jul	26 Jul
2437	Golden plusia	!		78		80				(85			14.5	3 Jul	3 Jul
2441	Silver Y	1976	17			80			(84			24 Jun	14 Dec	16 Jun	13 Dec
2442	Beautiful golden Y	;							(84			4 Jul	4 Jul	14 Jun	5 Jul
2443	Plain golden Y	;							84	85		4 Jul		7 Jul	17 Jul
2450	Spectacle The	!								85			^	17 Jun	11 Sep
2452	Red underwing	1976		78		80			(84			24 Aug	27 Sep		
2462	Mother Shipton	;								85				l Jun	l Jun
2469	Herald The	:	77			80				85		12 Nov	12 Nov	15 Jul	12 Sep
2473	Beautiful hook-tip	;	77	78	79	80				85		8 Jul	24 Jul	30 Jun	27 Jul
2474	Straw dot	:								85	2	24 Aug		19 Jun	13 Sep
2475	Waved black	;							84			2 Aug	9 Aug		
2477	Snout	;							84			7 Jul	7 Jul		
2489	Fan-foot The	;		78		80				85		7 Jul	24 Jul	l Jul	2 Aug
2492	Small fan-foot	1976							84			7 Jul			
No,	Name	1976	77	78	79	80	81	82	83 84	85		irst	Last	First	Last

Table 3. BRACKNELL MOTHS 1976-1985.

B&F	Order		Days	s se	en i	n 19	84	Day	/5 9	seet	i in	n n	ntl	1
List No,	in 1984	in order of first appearance	Firs	5 t	Las	t	Days	Jn	Jl	Au	Se	0c	No	D€
2380	1	Treble lines	0-16 J	Jun	18	Jun	2	2	_	-	_	_	_	-
906	2	Brimstone moth	0-16 J	Jun	3	Sep	5	}	-	3	1	-	-	-
2092	3	Shuttle-shaped dart	0-16 J			Sep	28	1	2	24	1	-	-	-
384	4	Vines rustic	0-16 J			Aug	2	ì	-	1	-	-	-	•
880	-	Heart and club	0-16 J			Sep	27	4	20	2	1	-	-	•
011	6	Pale promiment	0-16 J		3	Aug	4	2	-	2	-	-	-	•
063	7	Muslin moth	0-16 J				1	1	-	-	-	-	-	•
089	-	Heart and dart	0-16 J			Aug	48	12		9	-	-	-	•
340	9	Middle-barred minor	0-16 J			Jul	4	3	1	-	-	-	-	•
728		Garden carpet	0-16 J		10	Oc t	17	1	2	6	7	ì	-	•
188	11	Clouded drab	0-16 J				1	1	-	-	-	-	-	•
2173		Lychnis The	0-16 J			Aug	4	1	2	1	-	-	-	•
769	13	Spruce carpet	12 J		23	Oct	*	*	-	-	-	*	-	•
944	14	Pale oak beauty	17 J				*	*	-	-	-	-	-	
887	15	Clouded border	17 J			Aug	16	1		5	-	-	-	
727	16	Silver-ground carpet	17 J			Jul	3	1	2	-	-	_	-	
107	17	Large yellow underwing	17 J			Nov	92	4	20		15	22	1	
941	18	Mottled beauty	17 J			Jul	12	2	10	-	-	-	-	
882	19	Small seraphim		Jun		Jul	6	1	5	-	-	-	-	
722	20	Flame carpet		Jun		Aug	6	1	-	5	-	-	-	
690	21	Small blood vein	20 J			Sep	5	1	1	2	1	-	-	
7	22	Common swift	20 J			Jun	2	2	-	-	-	-	-	
2102	23	Flame shoulder		Jun		Sep	23	2	4	14	3	-	-	
2087	24	Turnip moth	20 J			Oc t	4	1	-	-	-	3	-	
680	25	Maiden's blush	20 J				*	*	-	-	-		-	
2387	26	Mottled rustic		Jun		Jul	8	3	5	-	-	-	-	
954	27	Bordered white		Jun		Aug	2	1	-	1	-	-	-	
937	28	Willow beauty		Jun		Sep	30	1	11	17	1		_	
2441	29	Silver Y	24 .			Dec	41	2	1	9	′	18	3	
773	30	Broken-barred carpet	24			Jul	*	*	*		-	-	-	
994	31	Buff-tip	25 .			Aug	6	2	1	3	-	-	-	
1711	32	Treble brown spot	26 .			Jun	1	1	-	-	_	-	-	
955	33	Common white wave	26			Aug	3	!	!	1	-	_	-	
777	34	July highflyer	27 .			Aug	18	•	6	11	-	-	-	
2198	35	Smoky wainscot	28 .			Aug	35	1	24	10	_	-	-	
2199	36	Common wainscot		Jul		Sep	17	-	2	7	8	-	-	
961	37	Light emerald		Jul		Jul	1	_	1	•	-	-	_	
2321	38	Dark arches		Jul		Aug	37	-	25	12	-	_	-	
2442	39	Beautiful golden Y		Jul	4	Jul	1	_	1	-	-	_	_	
2443	40	Plain golden Y		Jul			*	-	*	_	-	-	-	
2381	41	The uncertain		Jul			*	-	*	-	-	_	-	
1768	42	Grey pine carpet		Jul		Nov	13	-	10	-	5	6	}	
2050	43	Common footman		Jul		Aug	24	_	18		-	-	_	
758	44	Barred straw		Jul		Jul	3	-	3	-	_	-	_	
839	45	Bordered pug		Jul		Jul	1	-	10	-	-	-	-	
2098	46	Flame The		Jul		Aug	11	-	10		1	-	_	
1713	47	Riband wave	6	Jul	3	Sep	20	-	8	11	1	_	_	
	1984	Name	Fir		Las		Days					— 0с		

Table 4. BRACKNELL MOTHS 1984.

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No,	1984	Name	First	Last	Days	Jn Jl	Au	Se	0c	No	0e
2337	48	Marbled minor (or-8 or-9)	6 Jul	6 Jul	1	- 1	-	-	-	-	-
2105	49	Dotted rustic	7 Jul		*	- *	-	-	-	-	-
2492	50	Small fan-foot	7 Jul		*	- *	-	-	-	-	-
1757	51	Spinach	7 Jul	7 Jul	1	- 1	-	-	-	-	-
2489	52	Fan-foot The	7 Jul	24 Jul	5	- 5	~	-	-	-	-
2477	53	Snout	7 Jul	7 Jul	1	- 1	-	-	-	-	-
2314	54	Dingy shears	8 Jul	28 Jul	1	- 2	-	-	-	-	-
2473	55	Beautiful hook-tip	8 Jul	24 Jul	3	- 3	-	-	-	-	-
1652	56	Peach blossom	9 Jul	9 Jul	1	- 1	-	-	-	-	-
2293	57	Marbled beauty	9 Jul	2 Sep	14		10	2	-	-	-
2279	58	Sycamore	9 Jul		*	- *	-	-	-	-	-
2423	59	Oak nycteoline	9 Jul		*	- *	-	-	-	-	-
2322	60	Light arches	10 Jul	30 Jul	5	- 5	-	-	-	-	-
2061	61	Buff ermine	10 Jul	19 Jul	3	- 3	-	-	-	-	-
2343	62	Common rustic	10 Jul	3 Sep	46		29	3	-	-	-
2030	63	Yellow-tail	ll Jul	25 Aug	15	- 9	6	-	-	-	-
2057	64	Garden tiger	ll Jul	20 Jul	2	- 2	-	-	-	-	-
2077	65	Short-cloaked moth	ll Jul	20 Jul	5	- 5	-	-	-	-	-
2155	66	Dot moth	12 Jul	1 Aug	7	- 6	1	-	-	-	-
2231	67	Deep-brown dart	12 Jul	18 Oct	14	- }	-	7	6	-	-
2193	68	Clay The	13 Jul	30 Jul	7	- 7	-	-	-	-	-
2306	69	Angle shades	14 Jul	23 Nov	41	- 2	6	15	14	4	-
1732	70	Shaded broad-bar	16 Jul	20 Aug	16	- 5	11	-	-	-	-
2336	71	Double lobed	16 Jul		*	- *	-	-	-	-	-
2190	72	Hebrew character	16 Jul	27 Jul	7	- 7	-	-	-	-	-
2225	73	Minor shoulder-knot	18 Jul	20 Jul	2	- 2	-	-	-	-	-
1742	74	Yellow shell	18 Jul	19 Aug	3	- }	2	-	-	-	-
1705	75	Dwarf cream wave	19 Jul	27 Jul	3	- 3	-	-	-	-	-
2318	76	Dun-bar The	19 Jul	21 Aug	10	- 6	4	-	-	-	-
2284	7 7	Grey dagger	19 Jul	19 Jul	1	- 1	-	-	-	_	-
2410	78	Marbled white spot	20 Jul		*	- *	-	-	-	-	-
1876	79	Small yellow wave	20 Jul		*	- *	-	-	-	-	-
2109	80	Lesser yellow underwing	23 Jul	28 Oct	39	- 4	18	10	7	_	-
1931	81	Peppered moth	24 Jul	3 Aug	2	- 1	1	-	-	-	-
1921	82	Scalloped oak	24 Jul	1 Sep	5	- j	3	1	-	-	-
2110	83	Broad-bordered yellow u/w	25 Jul	28 Sep	9	- 2	3	4	-	-	-
2064	84	Ruby tiger	25 Jul	22 Aug	12	- 1	11	-	-	-	-
2112	85	Least yellow underwing	26 Jul	21 Aug	10	- 2	8	-	-	-	-
1897	86	V-moth The	26 Jul	26 Jul	1	- 1	-	-	~	-	-
2160	87	Bright-line brown-eye	27 Jul	27 Jul	1	- 1	-	-	-	-	-
1803	88	Small rivulet	27 Jul		*	- *	-	-	-	-	-
1794	89	Sharp-angled carpet	27 Jul		*	- *	-	-	-	-	-
2305	90	Small angle shades	28 Jul		*	- *	-	-	-	-	-
2297	91	Copper underwing	28 Jul	6 Sep	22	- }	16	5	-	-	-
1825	92	Lime-speck pug	30 Jul	29 Aug	13	- 1	12	-	-	-	-
2299	93	Mouse moth	30 Jul	28 Sep	32	- 1	26	5	-	_	-
1893	94	Tawny-barred angle	30 Jul	13 Aug	2	- 1	1	-	-	-	-
1708	95	Single-dotted wave	30 Jul	7 Aug	2	- 1	1	-	-	-	-
1981	96	Poplar hawk-moth	31 Jul	13 Aug	2	- .]	1	-	-	-	-
1645	97	Scalloped hook-tip	31 Jul	16 Aug	4	- 1	3	-	-	-	-
1894	98	Latticed heath	31 Jul	15 Aug	2	- 1	1	-	-	-	-
No,	1984	Name	First	Last	Days	Jn Jl	Au	Se	<u></u> 0с	No	De

Table 4. BRACKNELL MOTHS 1984.

No,	1984	Nane	Fi	rst	Last	Days	Jn	J1	Au	Se	0c	No	De
2154	99	Cabbage moth	31	Jul	1 Sep	4	_	1	2	1	-	-	-
2289	100	Knot grass	i	Aug		*	-	-	*	-	-	-	-
1640	101	Drinker The	1	Aug	4 Aug	2	-	-	2	-	-	-	-
2475	102	Waved black	2	Aug	9 Aug	2	-	-	2	-	-	-	-
1738	103	Common carpet	2	Aug	26 Aug	12	-	-	12	-	-	-	-
2003	104	Pebble prominent	3	Aug	21 Aug	2	-	-	2	-	-	-	-
1781	105	Small waved umber	4	Aug	4 Aug	1	-	-	1	-	-	-	-
1646	106	Oak hook-tip	5	Aug	24 Aug	5	-	-	5	-	-	-	-
1759	107	Small phoenix	5	Aug	3 Sep	6	-	-	5	1	-	-	-
2111	108	Lesser broad-bd yellow u/w	6	Aug	1 Sep	13	-	-	12	1	-	-	_
2128	109	Double square-spot	7	Aug	7 Aug	1	-	-	}	-	-	-	-
2126	110	Setaceous Hebrew character	8	Aug	28 Oct	30	-	-	15	11	4	-	-
2026	111	Vapourer The	9	Aug	30 Sep	3	-	-	2	1	-	-	-
1653	112	Buff arches	9	Aug	9 Aug	1	-	-	1	-	-	-	-
2303	113	Straw underwing	9	Aug	21 Aug	3	-	-	3	_	-	-	-
2352	114	Dusky sallow	12	Aug		*	-	-	*	-	-	-	-
1917	115	Early thorn	13	-		*	-	-	*	_	-	-	_
2382	116	The rustic	13	_		*	-	-	*	_	_	-	-
2341	117	Cloaked minor	14	Aug	16 Aug	2	-	-	2	_	-	_	_
2145	118	Nutmeg The	15	Aug	15 Aug	1	-	-	1	_	_	_	_
2134	119	Square-spot rustic	15	Aug	29 Sep	18	_	_	8	10	_	_	-
2133	120	Six-striped rustic	15	Aug		*	-	-	*	_	_	-	-
2353	121	Flounced rustic	15	Aug	7 Sep	22	_	-	15	7		-	_
2000	122	Iron prominent		Aug	16 Aug	1	-	-	1	_	_	-	-
1725	123	Dark-barred tw-spot carpet		Aug	2 Sep	6	-	_	5	1	_	_	_
1913	124	Canary-shouldered thorn	17	_	4 Sep	7	_	_	5	2	_	_	_
1997	125	Sallow kitten	17	Aug	18 Aug	2	_	_	2	_	_	_	-
1724	126	Red twin-spot carpet	18	Aug	18 Aug	ī	_	-	1	_	_	_	_
1677	127	Birch mocha	21	Aug	31 Aug	2	-	_	2	_	-	_	_
2006	128	Lesser swallow prominent	21	Aug	25 Aug	3	_	_	3	_	-	_	_
2047	129	Scarce footman	21	Aug	21 Aug	1	_	-	1	-	-	-	-
1648	130	Pebble hook-tip	21	Aug	23 Aug	2	-	_	2	-	-	_	_
1682	131	Blood vein	21	Aug	25 Aug	2	_	_	2	_	_	_	_
2033	132	Black arches	24	Aug	24 Aug	1	_	-	1	_	_	_	-
2452	133	Red underwing	24	_	27 Sep	5	_	_	2	3	_	_	_
1651	134	Chinese character		Aug	24 Aug	1	_	_	1	_	_	_	_
1915	135	September thorn		Aug	27 Sep	3	_	_	2	1	_	_	-
1914	136	Dusky thorn		Aug	27 Sep	5	-	_	2	3	_	-	_
2474	137	Straw dot		Aug		*	-	_	*	_	_	_	_
1721	138	Balsam carpet		Aug		*	-	_	*	_	_	_	_
2187	139	Common quaker		Aug	28 Sep	10	_	_	5	5	_	_	_
1884	140	Magpie The	25	_	25 Aug	1	_	_	ī	_	_	_	_
1838	141	Tawny speckled pug	25	Aug	25 Aug	ì	_	_	i	_	_	_	_
1956	142	Common wave	27	Aug	27 Aug	i	_	_	i	_	_	_	_
15	143	Orange swift	28	Aug	3 Sep	2	_	_	i	1	_	_	_
2136	144	Gothic The	28	_	7 Sep	6	_	_	3	3	_	_	_
2123	145	Small square-spot	28	_	27 Sep	*	_	-	*	*	_	_	_
2178	146	Feathered gothic	29	_		*	_	_	*	_	_	_	_
1632	147	Pale eggar		Aug	5 Sep	4	_	_	2	2	_	_	
2232	148	Black rustic	1	Sep	29 Oct	30	_	_	_	11	19	_	_
2389	149	Pale mottled willow	i	Sep	1 Sep	1	_	-	_	1	_	_	-
2303	147				. Jep								
No,	1984	Name	Fi	rst	Last	Days	Jn	Jl	Au	Se	0c	No	0e
						, -							

Table 4. BRACKNELL MOTHS 1984.

No,	1984	Name	Fi	rst	Las	st	Days	Jn	J1	Au	Se	0ε —	No	De
2434	150	Burnished brass	2	Sep	2	Sep	1	_	_	_	1	-	_	-
1764	151	Common marbled carpet	2			Oc t	10	-	-	-	6	4	-	-
2361	152	Rosy rustic	4	_ '	28	Oct	8	-	-	-	4	4	-	-
2269	153	Centre-barred sallow	6	Sep	7	Sep	2	-	-	-	2	-	-	-
2248	154	Brindled green	23	•		Oct	8	-	-	-	5	3	-	-
2266	155	Brown-spot pinion	23	Sep	13	Dec	23	-	-	~	8	14	-	1
2274	156	Sallow The	23	Sep	22	Oct	10	-	-	-	7	3	-	-
2270	157	Lunar underwing	23	Sep	13	Oct	18	-	-	-	8	10	-	-
2267	158	Beaded chestnut	26	Sep	1	Nov	15	-	-	-	2	12	1	-
2272	159	Barred sallow	28	Sep	15	0ct	2	-	-	-	1	1	-	-
2252	160	Large ranunculus	30	Sep	16	Oct	4	-	-	-	1	3	-	-
2240	161	Blair's shoulder-knot	1	Oct	15	Nov	8	-	-	-	-	5	3	-
2375	162	Large wainscot	1	Oct			*	-	-	-	-	*	-	-
2273	163	Pink-barred sallow	1	Oct	27	Oct	4	-	-	-	-	4	-	-
2247	164	Merveille du jour	7	Oct	16	Oct	2	-	-	-	-	2	-	-
1767	165	Pine carpet	8	Oct	31	0ct	*	-	-	-	-	*	-	-
2020	166	Figure of eight	9	Oct	26	Oct	10	-	-	-	-	10	-	-
2364	167	Frosted orange	10	Oct	10	Oct	1	-	-	-	-	1	•	-
2259	168	Dark chestnut	10	Oct			*	-	-	-	-	*	-	-
2369	169	Bulrush wainscot	10	Oct			*	-	-	-	-	*	•	-
2263	170	Red-line quaker	11	Oct	31	Oct	6	-	-	-	-	6	-	-
1795	171	November moth	14	Oct	3	Nov	11	-	-	-	-	9	2	-
2245	172	Green-brindled crescent	14	Oct	12	Nov	9	-	-	-	-	7	2	-
1923	173	Feathered thorn	14	Oct	15	Nov	12	-	-	-	-	8	4	-
2264	174	Yellow-line quaker	18	Oct	1	Nov	2	-	-	-	-	Ì	1	-
2256	175	Satellite The	23	Oct	9	Nov	3	-	-	-	-	2	1	-
1864	176	Streak The	23	Oct	31	Oct	3	-	-	-	-	3	-	-
2091	177	Dark sword-grass	28	Oct	28	Oct	1	-	-	-	-	1	-	-
2262	178	Brick The	31	Oct	19	Nov	*	-	-	-	-	*	#	-
1935	179	Mottled umber	1	Nov	15	Dec	6	-	-	-	-	-	4	2
1631	180	December moth	3	Nov	20	Dec	8	-	-	~	-	-	5	3
2227	181	Sprawler	9	Nov	9	Nov	1	-	-	-	-	-	1	-
2469	182	Herald The	12	Nov	12	Nov	1	-	-	-	-	-	1	-
1933	183	Scarce umber	28	Nov	1	Dec	5	-	-	-	-	-	4	1
1799	184	Winter moth	- 11	Dec	16	Dec	*	-	-	-	-	-	-	*
2258	185	Chestnut The	13	Dec			*	-	-	-	-	-	-	*
No,	1984	Name	Fi	rst	Las	it	Days	Jn	J1	Au	Se	0c	No	De

Table 4. BRACKNELL MOTHS 1984.

B&F	Order		Day	5 Se	en :	in 19	85	Day	ys :	seei	n i	n ne	onti	1					
List No,	in 1985	in order of first appearance	Fire	5 t	Las	5 t	Days	Ja	Fe	Mr	Ар	Му	Jn	Jl	Au	Se	0c	No	De
1935	1	Mottled umber	11 ,	Jan	30	Jan	2	2	_	_	_	_	_	_	_	_	_	_	_
1960	2	Early moth	29 .	Jan	24	Feb	3	1	2	-	-	-	-	-	-	-	-	-	-
1932	3	Spring usher	8 1	Feb	14	Mar	*	-	*	*	-	-	-	-	-	-	-	-	
1663	4	March moth	24 1	Feb	17	Apr	16	-	4	11	1	-	-	-	-	-	-	-	-
1926	5	Pale brindled beauty	24 F	Feb	8	Mar	7	-	5	2	-	-	-	-	-	-	-	-	-
2256	6	Satellite The	28 F	Feb	6	Dec	5	-	1	-	2	-	-	-	-	-	1	-	1
1934	7	Dotted border	3 1	Mar	9	Mar	3	-	-	3	-	-	-	-	-	-	-	-	-
2306	8	Angle shades		Mar	1	Nov	65	-	-	1	-	4	16	11	-	13	19	1	-
1799	9	Winter moth	8 !	Mar	10	Dec	3	-	-	1	-	-	-	-	-	-	-	1	1
1925	10	Small brindled beauty	9 1	Mar	24	Mar	2	-	-	2	-	-	-	-	-	-	-	-	-
1930	11	Oak beauty	25 !	Mar	11	Apr	7	-	-	2	5	-	-	-	-	-	-	-	-
2190	12	Hebrew character	26 1	Mar	31	May	51	-	-	3	27	21	-	-	-	-	-	-	-
2187	13	Common quaker	31 1	Mar	3	Aug	40	-	-	1	25	9	-	3	2	-	-	-	-
2182	14	Small quaker	31 1	Mar	4	May	20	-	-	1	17	2	-	-	-	-	-	-	-
2188	15	Clouded drab	31 1	Mar	28	May	30	-	-	1	18	11	-	-	-	-	-	-	-
2185	16	Lead-coloured drab	9 6	Apr			*	-	-	-	*	-	-	-	-	-	-	-	-
2243	17	Early grey	9 6	Apr	31	May	21	-	-	-	12	9	-	-	-	-	-	-	-
2189	18	Twin-spotted quaker	10 6	Apr	20	Apr	3	-	-	-	3	-	-	-	-	-	-	-	-
2186	19	Powdered quaker	11 6	Apr	23	May	16	-	-	-	5	11	-	-	-	-	-	-	-
1927	20	Brindled beauty	11 6	Apr	7	May	9	-	-	-	5	4	-	-	-	-	-	-	-
1746	21	Shoulder stripe	15 6	4pr	17	Apr	2	-	-	-	2	-	-	-	-	-	-	-	-
1917	22	Early thorn	17 6	Apr	7	Aug	5	-	-	-	2	-	-	1	2	-	-	-	-
1852	23	Brindled pug	22 6	Ppr			*	-	-	-	*	-	-	-	-	-	-	-	-
1919	24	Purple thorn	2 1	lay	4	Aug	3	-	-	_	-	}	-	1	1	-	-	-	-
2063	25	Muslin moth	3 h	lay	1	Jun	5	-	-	-	-	4	1	-	-	-	~	-	-
2015	26	Lunar marbled brown	7 t	1ay	9	May	3	-	-	-	-	3	-	-	-	-	-	-	-
1648	27	Pebble hook-tip	9 1	1ay	2	Aug	4	-	-	-	-	2	1	-	1	-	-	-	-
2007	28	Swallow prominent	9 1	lay	20	Aug	25	-	-	-	-	7	6	5	7	-	-	-	-
2019	29	Chocolate-tip	20 t	1ay	5	Aug	4	-	-	-	-	2	2	-	-	-	-	-	-
1995	30	Puss moth	21 1	1ay	19	Aug	2	-	-	-	-	1	1	-	-	-	-	-	-
1906	31	Brimstone moth	21 1	1ay	11	Oct	23	-	-	-	-	7	7	4	4	-	1	-	-
2102	32	Flame shoulder	21 1	1ay	20	Sep	57	-	-	-	-	6	19	12	12	8	-	-	-
2284	33	Grey dagger	21	lay	31	Jul	17	-	-	-	-	2	-	15	-	-	-	-	-
1936	34	Waved umber	21 1	1ay	21	May	1	-	-	-	-	1	-	-	-	-	-	-	-
2003	35	Pebble prominent	21 1	1ay	10	Aug	11	-	-	-	-	3	1	4	3	-	-	-	-
1759	36	Small phoenix	21	1ay	8	Aug	5	-	-	-	-	3	1	-	1	-	-	-	-
2000	37	Iron prominent	22 1	1ay	17	Aug	9	-	-	-	-	3	-	4	2	-	-	-	_
1981	38	Poplar hawk-moth	22 1	lay	11	Aug	28	-	-	-	-	3	9	12	4	-	-	-	_
1768	39	Grey pine carpet	22 1	lay	5	Nov	29	-	-	-	-	6	7	4	-	11	-	1	-
1725	40	Dark-barred twin-spot cpt	22 1	lay	24	May	2	-	_	-	-	2	-	-	-	-	-	-	-
1931	41	Peppered moth	23 1	1ay	6	Aug	57	~	-	-	-	7	22	25	3	-	-	-	-
2092	42	Shuttle-shaped dart	23 M	1ay	18	Sep	28	-	-	-	-	6	15	-	5	2	-	-	-
2214	43	Camomile shark	24 1	lay	24	May	1	-	-	-	-	1	-	-	-	-	-	-	-
1920		Scalloped hazel	24 1	lay	16	Jun	7	-	-	-	-	3	4	-	-	-	-	-	-
2028	45	Pale tussock	24 1	lay	24	Jun	5	-	-	-	-	2	3	-	-	-	-	-	-
1887	46	Clouded border	26 1	lay	17	Aug	26	-	-	-	-	1	6	18	1	-	-	-	-
2167	47	Tawny shears	26 M	lay			*	-	-	-	-	*	-	-	-	-	-	-	-
No,	1985	Name	Firs		Las		Days				_		_	_			-	 No	

1944	•	1985	Name	Fir	st	Las	it	Days	Ja	Fe	Mr	Ар	Ну	Jn	Jl	Au	Se	0c	No	De
2066 49 Ruby tiger 26 May 5 Aug 2 1 - 1 2 7 1 2 1 1 1 2 1 2 7 7 1 2 7 7 1 2 7 7 1 2 1 1 1 3 2 7 7 1 3 2 7 7 1 3 2 7 7 3 3 3 3 7 7 7 7			Pale pak beauty	26	Mav	21	Jun	*	_	_	_	_	*	_	_	_	_	_	_	_
2060 50			•		•			•	_	_	_	_	i	-	-	1	-	-	_	-
1646 51			•		,		•		_	-	-	_	2	22	7	_	-	_	_	-
1987 52 Sallow kitten 26 May 20 Aug 7 1 3 2 1728 53 Garden carpet 26 May 5 Oct 20 - 1 3 3 4 20 20 55 Coxcomb prominent 26 May 12 Jul 4 - 1 3 2 2008 55 Coxcomb prominent 26 May 10 Aug 2 - 1 3 1 1 1 1 1 1 1 1	1646	51	Oak hook-tip		•				_	_	-	_	1		1	1	_	_	-	_
1728 53 Garden carpet 26 May 5 Oct 20 1 7 3 4 2011 54 Pale prominent 26 May 1 Aug 2 1 - 3 - 3 - 2 1 1 1 1 1 1 1 1 1	1997	52	•		•		_	7	-	-	-	_	1	1	3	2	-	-	-	-
2011 54 Pale prominent 26 May 12 Jul 4 1 - 3 3 1 2008 55 Coxcoab prominent 26 May 1 Aug 2 1 - 3 - 3 1 1 1 1 1 1 1 1 1		53			•		_		_	_	-	-	1	7			2	3	-	-
2008 55 Coxcomb prominent 26 May 1 Aug 2 - 1 1 1 1 1		54			•				-	-	-	_	1	_	3	_	_	_	_	-
1680 56		55	•		•			2	_	_	-	-	1	_	_	1	-	_	_	-
2278 57 Poplar grey 26 May 7 Aug 14 1 3 9 1 1724 58 Red twin-spot carpet 27 May 24 Jun 8 1 1 - 1 3 9 1 1735 59 Broken-barred carpet 27 May 24 Jun 8 - 1 7 - - 1956 61 Common wave 27 May 27 May 21 Jun 4 - 1 3 - - 1956 61 Common wave 27 May 27 May 21 Jun 4 - 1 3 - - - 1 3 - - 1956 61 Common wave 27 May 27 May 1 - 1 3 - - 1 3 - 1979 62 Pine beauty 27 May 27 May 1 - 1 1 - - - 1 3 - 1979 63 Line hawk-moth 28 May 19 Jun 4 - 1 16 1 -	1680	56			•	30	-		-	-	-	-	1	1	1	1	_	-	-	-
1724 58	2278	57	Poplar grey		•		-	14	-	-	-	-	1	3	9	1	-	_	-	-
1773 59 Broken-barred carpet 27 May 24 Jun 8	1724	58			•	6			-	-	-	-	1	1	-	-	-	-	-	•
2157 60 Light brocade 27 May 2 Jun 3 1 2 1956 61 Common wave 27 May 21 Jun 4 1 3 2179 62 Pine beauty 27 May 27 May 1 1 3 1979 63 Line hawk-moth 28 May 1 Jun 4 1 1 3 17 64 Common swift 30 May 11 Jun 18 1 16 1 - 2289 65 Knot grass 31 May 2 Jun 2 - 1 16 1 - 2289 66 Heart and dart 1 Jun 28 Aug 75 - 28 31 1738 67 Common carpet 1 Jun 2 Aug 75 - 28 31 2462 68 Mother Shipton 1 Jun 1 Jun 1 - - 1 - 2126 69 Setaceous Hebrew character 2 Jun 1 0 0 0 0 0 2279 70 Sycamore 3 Jun 4 Aug 4 - 2 1 1 1882 72 Small seraphim 4 Jun 1 Jun 4 - - 3 1 1980 71 Eyed hawk-moth 3 Jun 1 Jun 4 - - 3 1 1982 72 Small seraphim 4 Jun 1 Jun 1 2 - - - - 3 1 1998 74 Clouded silver 4 Jun 1 Jun 1 2 - - - - 3 3 1992 77 Brown silver-line 4 Jun 5 Jun 6 - - - - 2 1 2330 76 Treble lines 4 Jun 5 Jun 8 - - - - 3 1 1904 80 Scorched wing 5 Jun 5 Jun 8 - - - - 1 3 1957 82 White-pinion spotted 5 Jun 5 Jun 8 - - - 1 1 2 2069 84 Cinnabar The 7 Jun 10 Jun 1 - - - - 1 1 2 2060 89 Lesser swallow prominent 11 Jun 10 Jun 1 - - - - 1 1 2 2070 89 Large yellow underwing 11 Jun 13 Gt 5 - - - 10 14 2 2087 93 Mottled rustic 11 Jun 13 Gt 5 - - - 10 14 2 2087 94 Small square-spot 11 Jun 10 Gt 117 - - - 11 13 2087 95 Large yellow underwing 14 Jun 15 Jun 15 - - - 10 14 3 2087 96 Marbled minor		59	· · · · · · · · · · · · · · · · · · ·		•				-	_	_	_	1	7	_	-	_	-	_	_
1956 61 Common wave 27 May 21 Jun 4 1 3 2179 62 Pine beauty 27 May 27 May 1 1979 63 Lime hawk-moth 28 May 19 Jun 4 1	2157	60	•						-	-	-	-	1	2	_	-	_	_	-	_
2179 62 Pine beauty 27 May 27 May 1 1 1 3 1 1 1 1 1 1 1 1	1956	61				21	Jun		_	_	~	~	1	3	_	_	-	_	_	-
1979 63 Lime hawk-moth 28 May 19 Jun 4	2179	62				27		1	-	_	_	_	1	-	-	-	-	-	-	-
17		63	•				•	4	-	-	-	-	1	3	-	-	-	-	-	-
2289 65 Knot grass 31 May 2 Jun 2 1 1 - -	17	64	Common swift						-	-	_	_	1		1	-	-	-	-	_
2089 66 Heart and dart		65	Knot grass						_	_	-	_	1	1	_	_	-	_	-	_
1738 67 Common carpet 1 Jun 22 Aug 6 3 - 3 2462 68 Mother Shipton 1 Jun 1 Jun 1 1 216 69 Setaceous Hebrew character 2 Jun 14 Oct 144 9 7 1 2279 70 Sycamore 3 Jun 4 Aug 4 2 1 1 1980 71 Eyed hawk-moth 3 Jun 1 Jul 4 2 1 1 1980 71 Eyed hawk-moth 3 Jun 1 Jul 4 4 1727 73 Silver-ground carpet 4 Jun 21 Jun 4 6 1958 74 Clouded silver 4 Jun 21 Jun 6 6 1958 74 Clouded silver 4 Jun 5 Jul 3 2 1 - 2380 76 Treble lines 4 Jun 5 Jul 3 2 6 - 2380 76 Treble lines 4 Jun 25 Jun 5 Jul 29 2 6 - - 6 - - 6 - - 6 -									_	-	_	_	_	28	31	16	_	_	_	-
2462 68 Mother Shipton 1 Jun 1 Jun 1 1		67					-		-	_	_	-	-		-		_	-	-	_
2126 69 Setaceous Hebrew character 2 Jun 14 Oct 44 9 7 1 2279 70 Sycamore 3 Jun 4 Aug 4 9 7 1 1980 71 Eyed hawk-moth 3 Jun 1 Jul 4 3 1 - 1822 72 Small seraphim 4 Jun 21 Jun 4 4 4			•				_		_	_	_	_	_	1	_	_	_	_	_	_
2279 70 Sycamore 3 Jun 4 Aug 4 2 1 1 1980 71 Eyed hawk-moth 3 Jun 1 Jul 4 3 1 - 1882 72 Small seraphim 4 Jun 21 Jun 4 4 4		69	•			14			_	_	_	_	_	9	7	1	22	5	-	_
1980 71 Eyed hawk-moth 3 Jun 1 Jul 4 3 1 1882 72 Small seraphim 4 Jun 21 Jun 4 4 1727 73 Silver-ground carpet 4 Jun 26 Jun 6 6 1958 74 Clouded silver 4 Jun 11 Jul 12 9 3 2 1 1998 75 Poplar kitten 4 Jun 5 Jul 3 2 1 2380 76 Treble lines 4 Jun 9 Jul 29 2 6 6 1902 77 Brown silver-line 4 Jun 9 Jul 29 2 6 2331 78 Small clouded brindle 4 Jun 25 Jun 6 6									_	_	_	_	_	-	1	i	_	_	_	_
1882 72 Small seraphim 4 Jun 21 Jun 4 4 6 1727 1727 73 Silver-ground carpet 4 Jun 26 Jun 6 6 1828 1958 74 Clouded silver 4 Jun 11 Jul 12 9 3 - 1938 1998 75 Poplar kitten 4 Jun 5 Jul 3 2 1 - 2 1 - 2 1 - 2 1 - 2 1 - 2 1 - 2 1 1 - 2 1 1 1 1			•				-		-	_	_	_	_	_	•		_	_	_	~
1727 73 Silver-ground carpet 4 Jun 26 Jun 6 6 6						21			_	_	-	_	_	4	_	_	_	-	_	-
1958			*						_	_	_	_	_	6	_	-	_	_	-	_
1998 75 Poplar kitten		_							_	_	_	_	_	-	3	_	_	_	_	_
2380 76 Treble lines 4 Jun 9 Jul 29 - - - 23 6 - 1902 77 Brown silver-line 4 Jun 22 Jun 6 - - - 6 - - 2331 78 Small clouded brindle 4 Jun 25 Jun * - - - * - - - - - - * - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -									_	_	_	_	_	-	-	_	_	_	_	_
1902 77 Brown silver-line			•						_	_	_	_	_		6	_	-	-	_	-
2331 78 Small clouded brindle						_			_	_	_	_			_	_	_	_	_	_
2173 79 Lychnis The 5 Jun 6 Jul 4 3 1 - 1904 80 Scorched wing 5 Jun 5 Jul 8 5 3 - 14 81 Ghost moth 5 Jun 25 Jul 4 1 3 - 1957 82 White-pinion spotted 5 Jun 5 Jun 1 1 0 1 - 2087 83 Turnip moth 5 Jun 16 Aug 26 10 1 4 2 2069 84 Cinnabar The 7 Jun 23 Jul 3 1 0 1 4 2 2069 84 Cinnabar The 7 Jun 19 Oct 22 9 3 1 2061 86 Buff ermine 9 Jun 2 Aug 24 11 12 1 1994 87 Buff-tip 10 Jun 31 Jul 28 8 20 - 1918 88 Lunar thorn 10 Jun 10 Jun 1 1 5 - 2006 89 Lesser swallow prominent 11 Jun 30 Jul 6 1 5 - 2014 90 Marbled brown 11 Jun 19 Jun 2 14 31 21 2123 92 Small square-spot 11 Jun 16 Sep 70 14 31 21 2123 93 Mottled rustic 11 Jun 5 Aug 37 - 10 24 3 1769 94 Spruce carpet 14 Jun 13 Oct 5 13 1 31 2337 96 Marbled minor 14 Jun 26 Jul 22 9 13 - 2442 97 Beautiful golden Y 14 Jun 5 Jul 3 - 2 1 - 2017 95 Large yellow underwing 14 Jun 5 Jul 3 - 2 1 - 2018 70 70 70 70 70 70 70 7								_	_	_	_	_	_	_	_	-	_	_	_	_
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1957 82 White-pinion spotted 5 Jun 5 Jun 1 1 -			_						_	_	_	_	_	1	_	_	_	-	_	_
2087 83 Turnip moth 5 Jun 16 Aug 26 10 14 2 2069 84 Cinnabar The 7 Jun 23 Jul 3 12 12 12 - 12 - 12 -								1	_	-	-	_		i	_	_	_	-	-	_
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1764 85 Common marbled carpet 7 Jun 19 Oct 22 9 3 1 2061 86 Buff ermine 9 Jun 2 Aug 24 11 12 1 1994 87 Buff-tip 10 Jun 31 Jul 28 8 20 - 11 12 1 1918 88 Lunar thorn 10 Jun 10 Jun 1 1 - 1									-	_	_	_	_	1		_	_	_	-	_
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1994 87 Buff-tip 10 Jun 31 Jul 28 8 20 - 1918 88 Lunar thorn 10 Jun 10 Jun 1 1 2006 89 Lesser swallow prominent 11 Jun 30 Jul 6 1 5 - 2014 90 Marbled brown 11 Jun 19 Jun 2 2 - 2 2321 91 Dark arches 11 Jun 16 Sep 70 14 31 21 2123 92 Small square-spot 11 Jun 26 Jun 4 4 2387 93 Mottled rustic 11 Jun 5 Aug 37 10 24 3 1769 94 Spruce carpet 14 Jun 13 Oct 5 3 11 31 31 2107 95 Large yellow underwing 14 Jun 29 Oct 117 11 31 31 31 2337 96 Marbled minor 14 Jun 5 Jul 3 2 1 2 1 2 1 2442 97 Beautiful golden Y 14 Jun 5 Jul 3 2 1 2 1		86	•						-	_	~	_	_	_	12	1	_	_	_	-
1918 88 Lunar thorn 10 Jun 10 Jun 1		87					-		_	_	_	_	_	8		_	_	_	_	-
2006 89 Lesser swallow prominent 11 Jun 30 Jul 6 - - - - - 1 5 - 2014 90 Marbled brown 11 Jun 19 Jun 2 - - - - 2 - - - - 2 - - - - 14 31 21 2123 92 Small square-spot 11 Jun 26 Jun 4 -		88							_	_	-	_	_	1	-	-	_	-	-	-
2014 90 Marbled brown 11 Jun 19 Jun 2 - 2 2 - 2 2 - 2 2 - 2 - 2 - 2 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 1 - 2 - 2 - 2 - 2 1 - 2 - 2 - 2 - 2									_	-	_	_	_	1	5	_	_	_	-	-
2321 91 Dark arches 11 Jun 16 Sep 70 - - - - 14 31 21 2123 92 Small square-spot 11 Jun 26 Jun 4 - - - - - 4 -	2014		•						-	-	_	_	_	2	-	_	_	_	-	-
2123 92 Small square-spot 11 Jun 26 Jun 4 - - - - 4 -	2321								-	-	-	_	_	14	31	21	4	-	-	_
2387 93 Mottled rustic 11 Jun 5 Aug 37 10 24 3 1769 94 Spruce carpet 14 Jun 13 Oct 5 3 2107 95 Large yellow underwing 14 Jun 29 Oct 117 11 31 31 2337 96 Marbled minor 14 Jun 26 Jul 22 9 13 - 2442 97 Beautiful golden Y 14 Jun 5 Jul 3 2 1 -							•		-	_	-	_	-	4	_	_	_	_	-	-
1769 94 Spruce carpet 14 Jun 13 Oct 5 - <									-	-	~	-	-	10	24	3	-	-	-	_
2107 95 Large yellow underwing 14 Jun 29 Oct 117 11 31 31 2337 96 Marbled minor 14 Jun 26 Jul 22 9 13 - 2442 97 Beautiful golden Y 14 Jun 5 Jul 3 2 1 -		94							-	_	_	_	-		_	_	1	1	-	-
2337 96 Marbled minor 14 Jun 26 Jul 22 9 13 - 2442 97 Beautiful golden Y 14 Jun 5 Jul 3 2 1 -			•						-	_	-	_	_	-	31	31	30	14	_	-
2442 97 Beautiful golden Y 14 Jun 5 Jul 3 2 1 -									_	_	_	_	_			_	_	_	_	_
<u>-</u>									-	_	_	-	-	-	1	_	_	-	-	-
1742 98 Yellow shell 15 Jun 8 Sep 4 1 - 2	1742		Yellow shell						-	-	-	-	-	ī	-	2	1	-	-	-
No. 1985 Name First Last Days Ja Fe Mr Ap My Jn Jl Au			Name	Fir	st	Las	t t	Days	 Jа	 Fe	Mr	Ap	 Hy	Jn	 J1	Au	Se	— 0с	No	De

Table 5. BRACKNELL MOTHS 1985.

No.	1985	Name	First	Last	Days	Ja	Fe	Mr	Ар	Му	Jn	Ji	Au	Se	0c	Na
2163	99	Broom moth	15 Jun	28 Sep	5	_	_	_	_	-	3	1	-	1	_	_
2441	100	Silver Y	16 Jun	13 Dec	44	-	-	-	-	_	5	14	10	1	11	2
2340	101	Middle-barred minor	17 Jun	29 Jun	4	_	_	_	-	_	4	_	_	-	_	_
2450	102	Spectacle The	17 Jun	11 Sep	6	_	-	-	-	-	2	3	-	1	-	-
2199	103	Common wainscot	17 Jun	13 Oct	25	_	_	-	-	-	3	13	-	5	4	-
2160	104	Bright-line brown-eye	17 Jun	16 Sep	31	_	-	-	_	_	4	15	10	2	-	_
1991	105	Elephant hawk-moth	19 Jun	23 Jul	15	-	_	_	-	-	3	12	-	_	-	-
2098	106	Flame The	19 Jun	19 Aug	32	_	-	_	-	_	4		3	-	-	-
2474	107	Straw dot	19 Jun	13 Sep	8	_	-	•	_	_	3	1	1	3	_	
1955	108	Common white wave	19 Jun	30 Aug	5	_	_	_	_	_	1	3	1	-	_	_
1992	109	Small elephant hawk-moth	19 Jun	ll Jul	2	_	_	_	-	_	1	ĩ	_	-	_	_
2384	100	Vines rustic	20 Jun	7 Oct	11	-	-	-	-	_	3	1	-	6	1	_
1682	111	Blood vein	20 Jun	20 Jun	1	-	_	_	_	_	1	~	-	_	_	_
1879	112	Seraphim The	20 Jun		*	_	_	-	_	_	*	_	_	-	_	_
302	113	Brown rustic	20 Jun		*	-	_	_	_	_	*	_	-	_	_	_
1941	114	Mottled beauty	21 Jun	19 Jul	13	-	_	-	_	_	3	10	_	-		_
1999	115	Lobster moth	21 Jun	5 Jul	2	_	_	_	_	_	1	1	_	_	_	_
1937	116	Willow beauty	21 Jun	5 Sep	21	_	_	_	_	-	i	12	6	2	_	-
1893	117	Tawny-barred angle	21 Jun	17 Jul	4	_	_	_	_	_	i	3	_	-	_	_
2333	118	Large nutmeg	22 Jun	15 Jul	*	_	-	-	_	_	×	_	_	_	_	_
1326	119	Clouded-bordered brindle	24 Jun	24 Jun	1	_	_	_	_	_	1	_	_	_	_	_
2118	120	True lover's knot	24 Jun	19 Aug	9	_	_	_	_	_	i	6	2	-	_	_
2326	121	Clouded-bordered brindle	24 Jun	24 Jun	*	_	_	_	_	-	×	_	_	_	_	_
1837	122	Grey pug (?)	24 Jun		*	_	_	_	_	_	*	_	_	_	_	_
2327	123	Clouded brindle	25 Jun	13 Jul	*	~	-	_	_	_	*	_	_	_	_	_
2343	124	Common rustic	25 Jun	20 Sep	51	-	_	-	_	_	1	10	31	9	-	
2334	125	Rustic shoulder-knot	26 Jun	10 Jul	4	_	_	-	_	_	i	3	_	_	_	_
1860	126	Green pug	27 Jun	16 Jul	*	_	_	_	_	_	*	*	_	_	_	-
1978	127	Pine hawk-moth	27 Jun	6 Aug	3	_	_	_	_	_	1	1	1	_	_	-
2091	128	Dark sword-grass	27 Jun	24 Oct	7	_	_	-	-	-	i	_	i	2	3	_
2088	129	Heart and club	28 Jun	3 Aug	19	_	_	_	_	_	i	17	i	-	-	_
2322	130	Light arches	28 Jun	30 Jul	24	_	~	_	_	_	2	22	-	-	_	_
1713	131	Riband wave	28 Jun	14 Aug	36	_	_	_	_	_	2	28	6	_	_	_
2389	132	Pale mottled willow	29 Jun	7 Oct	5	-	_	-	_	_	ī	2	_	1	ı	_
1654	133	Figure of eighty	30 Jun	14 Oct	ğ	_	_	_	-	_	í	7		<u>'</u>	i	-
1922	134	Swallow-tailed moth	30 Jun	29 Jul	10	_	_	_	_	-	i	9	_	-	-	_
2473	135	Beautiful hook-tip	30 Jun	27 Jul	11	_	_	_	_	_	ì	10	-	-	_	_
1817	136	Foxglove pug	1 Jul	28 Jul	*	_	-	_	_	-	_	*	_	_	_	
1765	137	Barred yellow	l Jul	14 Jul	3	_	_	_	_	_	_	3	-	-	_	_
1667	138	Blotched emerald	l Jul	10 Jul	7	_	_	_	_	_	_	7	_	_	_	-
2489	139	Fan-foot The	l Jul	2 Aug	4	_	_	_	_	_	_	3	1	_	_	_
1690	140	Small blood-vein	l Jul	25 Jul	5	_	_	_	_	-	_	5	_	_	_	_
2205	141	Shoulder-striped wainscot	l Jul	23 Jul	6	_	_	_	_	_	_	6	-		_	_
1876	142	Small yellow wave	l Jul	13 Jul	2	_	_	-	_	_	_	2	_	-	_	_
1954	143	Bordered white	l Jul	25 Jul	6	_	_	_	_	_	_	6	_	_	_	-
1711	144	Treble brown spot	2 Jul	26 Jul	7	_	_	_	_	-	-	7	_	_	_	-
2050	145	Common footman	2 Jul	7 Aug	18	_	_	_	_	_	_	13	5	_	_	_
2154	146	Cabbage moth	2 Jul	12 Sep	6	_	_	-	_	_	-	1	3	2	_	_
2437	147	Golden plusia	3 Jul	3 Jul	1	_	_	-	_	_	_	1	-	-		_
1653	148	Buff arches	3 Jul	1 Aug	22	-	_	_	_	_	_	21	1	_	_	_
2410	149	Marbled white spot	3 Jul	3 Jul	1	-	-	_	-	-	-	1	-	-	-	-
No,	1985	Name	First	Last	Days	Ja	 Fe	Mr	Ap	— Му	Jn	 J1	 Au	Se	 0с	No.

Table 5. BRACKNELL MOTHS 1985.

No.	1985	Name	First	Last	Days	Ja	Fe	Hr	Ap	Ну	Jn	J1	Au	Se	0c	No	De
2155	150	Dot moth	4 Jul	13 Aug	28	_	_	_	_	_	_	23	5		_	_	_
1669	151	Common emerald	4 Jul	17 Jul	10	_	-	_	_	-	_	10	_	_	_	_	_
2193	152	Clay The	4 Jul	6 Aug	12	_	_	-	_	-	-	10	2	_	-	_	_
2128	153	Double square-spot	5 Jul	11 Sep	15	-	_	-	_	-	_	13	}	1	_	_	_
2280	154	Miller The	5 Jul	28 Jul	6	_	-	_	_	-	_	6	_	_	_	_	_
1722	155	Flame carpet	6 Jul	6 Jul	ī	_	-	_	_	-	_	1	_	_	-	_	-
1758	156	Barred straw	6 Jul	17 Jul	6	-	_	_	-	_	_	6	-	_	-	-	-
1950	157	Brindled white-spot	7 Jul		*	_	-	_	-	_	_	*	_	-	_	-	_
2443	158	Plain golden Y	7 Jul	17 Jul	2	-	_	_	-	-	-	2	_	-	-	-	_
2434	159	Burnished brass	8 Jul	26 Jul	9	-	-	-	-	_	_	9	_	-	-	_	_
2198	160	Smoky Wainscot	8 Jul	20 Aug	27	-	~	-	-	-	-	17	10	-	-	-	-
1705	161	Dwarf cream wave	8 Jul	26 Jul	3	_	-	-	-	-	-	3	_	-	-	-	-
2031	162	White satin moth	9 Jul	25 Jul	3	-	-	-	_	-	_	3	_	-	_	-	-
2421	163	Scarce silver-lines	9 Jul	2 Aug	5	-	-	-	-	-	-	4	1	-	_	_	_
1961	164	Light emerald	9 Jul	26 Jul	5	-	-	-	-	-	-	5	_	-	-	-	-
161	165	Leopard moth	10 Jul	25 Jul	9	-	-	-	_	_	_	9	-	-	-	-	-
2047	166	Scarce footman	10 Jul	25 Jul	2	-	_	-	-	-	-	2	_	_	_	_	_
1888	167	Scorched carpet	11 Jul	15 Jul	2	_	_	-	_	_	-	2	_	-	_	-	-
2305	168	Small angle shades	12 Jul	1 Aug	2	-	_	-	-	_	-	1	ì	-	-		_
2114	169	Double dart	13 Jul	13 Jul	1	_	_	_	-	-	_	1	_	-	-	-	_
1732	170	Shaded broad-bar	13 Jul	21 Aug	12	_	_	-	-	_	-	7	5	-	-	_	_
2110	171	Broad-bordered yellow u/w	14 Jul	4 Sep	30-	_	_	_	_	-	-	14	15	1	_	_	-
· 1777	172	July highflyer	14 Jul	4 Aug	8	-	_	_	-	_	_	7	1	_	-	_	_
1634	173	Lackey The	14 Jul	14 Jul	1	_	_	-	_	_	_	i	_	_	_	_	_
2318	174	Dun-bar The	14 Jul	31 Aug	13	_	-	-	_	_	-	6	7	-	_	_	_
2345	175	Small dotted buff	15 Jul	15 Jul	1	_	-	-	_	_	_	1	_	-	_	_	_
2158	176	Pale-shouldered brocade	15 Jul	15 Jul	ì	_	_	_	_	_	_	1	_	_	-	_	_
2469	177	Herald The	15 Jul	12 Sep	10	_	_	_	_	_	_	5	_	5	_	_	_
2150	178	Grey arches	15 Jul	17 Jul	2	_	_	-	-	-	_	2	_	_	_	-	_
1708	179	Single-dotted wave	15 Jul	15 Jul	1	-	_	_	_	_	_	1	_	_	_	_	_
2225	180	Minor shoulder-knot	16 Jul	31 Jul	10	_	_	-	_	-	-	10	_	_	_	_	_
2077	181	Short-cloaked moth	17 Jul	31 Jul	5	_	-	_	_	_	_	5	-	-	-	_	-
2030	182	Yellow-tail	18 Jul	21 Aug	17	_	-	_	_	_	-	9	8	-	_	-	-
1915	183	September thorn	20 Jul	5 Nov	14	_	-	_	_	-	_	9	3	1	_	i	-
2109	184	Lesser yellow underwing	22 Jul	2 Oct	56	_	-	_	_	-	_	8	26	21	1	-	_
2170	185	Varied coronet	22 Jul	22 Jul	1	_	_	_	-	-	_	1	_	-	-	_	_
1803	186	Small rivulet	22 Jul	24 Jul	2	_	-	-	-	_	-	2	-	-	-	_	_
1921	187	Scalloped oak	23 Jul	2 Sep	17	-	-	_	-	-	_	6	10	j	-	-	-
2381	188	The uncertain	23 Jul		*	-	_	_	-	-	-	*	_	-	-	_	_
2382	189	The rustic	23 Jul		*	-	_	-	-	-	_	*	-	-	-	_	-
1702	190	Small fan-footed wave	23 Jul	29 Jul	*	_	-	-	-	-	-	*	_	_	_	_	_
2057	191	Garden tiger	24 Jul	2 Aug	8	_	_	_	-	-	_	6	2	_	_	-	-
2319	192	Lunar-spotted pinion	24 Jul	1 Aug	4	-	-	-	-	-	_	3	1	-	-	-	_
2111	193	Lesser broad-bd yellow u/w		15 Sep	34	-	-	-	_	-	_	2	25	7	-	_	-
2335		Slender brindle	27 Jul		*	_	_	_	-	-	-	*	_	_	-	_	_
1640	195	Orinker The	27 Jul	2 Aug	5	-	-	-	_	-	-	3	2	-	-	-	_
1652	196	Peach blossom	28 Jul	28 Jul	1	-	_	_	_	_	-	1	_	-	-	-	_
2033	197	Black arches	28 Jul	28 Sep	3	_	-	_	-	_	_	1	-	2	-	-	_
2297		Copper underwing	29 Jul	20 Sep	18	-	-	_	_	-	-	1	10	7	_	_	-
2314		Dingy shears	29 Jul	29 Jul	1	-	_	-	_	-	_	i	_	-	-	_	-
1712	200	Small scallop	30 Jul	30 Jul	ì	-	-	-	-	-	-	i	-	-	-	-	-
No.	1985	Name	First	Last	Days	Ja	Fe	Mr	Ap	Му	Jn	 J1	Au	Se	0c	No	De

Table 5. BRACKNELL MOTHS 1985.

No,	1985	Name	First	Last	Days	ja —	Fe	Mr —	Ap	Му	Jn	J1	Au	Se	0c	No	De
2112	201	Least yellow underwing	31 Jul	18 Aug	6	-	-	-	-	-	-	1	5	-	-	-	-
2336	202	Double lobed	31 Jul		*	-	-	-	-	-	-	*	-	-	-	-	-
2299	203	Mouse moth	1 Aug	12 Sep	13	-	-	-	-	-	-	-	6	7	-	-	-
2330	204	Dusky brocade	4 Aug	4 Aug	1	-	-	-	-	-	-	-	1	-	-	-	-
2342	205	Rosy minor	4 Aug		*	-	-	-	-	-	-	-	*	-	-	-	-
2145	206	Nutmeg The	4 Aug	~~~~	*	•	-	-	-	-	-	-	*	-	-	-	-
2361	207	Rosy rustic	8 Aug	21 Sep	2	-	-	-	-	-	-	-	}	1	-	-	-
2105	208	Dotted rustic	10 Aug		*	-	-	-	-	-	-	-	*	-	-	-	-
2303	209	Straw underwing	10 Aug	11 Aug	2	-	-	-	-	-	-	-	2	-	-	-	-
15	210	Orange swift	14 Aug	14 Aug	1	-	-	-	-	-	-	-	1	-	-	-	-
1789	211	Scallop shell	17 Aug	17 Aug	i	-	-	-	-	-	-	-	1	-	-	-	-
1884	212	Magpie The	19 Aug	19 Aug	1	-	-	-	-	-	-	-	1	-	-	-	-
2133	213	Six-striped rustic	21 Aug	10 Sep	9	-	-	-	-	-	-	-	5	4	-	-	-
2353	214	Flounced rustic	29 Aug	19 Sep	8	-	-	-	-	-	-	-	2	6	-	-	-
2134	215	Square-spot rustic	30 Aug	21 Sep	20	-	-	-	-	-	-	-	2	18	-	-	-
2026	216	Vapourer The	30 Aug	30 Aug	1	-	-	-	-	-	-	-	1	-	-	-	-
1894	217	Latticed heath	31 Aug	31 Aug	1	•	-	-	-	-	-	-	Ì	-	-	-	-
1914	218	Dusky thorn	8 Sep	20 Sep	3	-	-	-	-	-	-	-	-	3	-	-	-
2269	219	Centre-barred sallow	11 Sep	7 Oct	3	-	-	-	-	-	-	-	-	2	1	-	-
2274	220	Sallow The	12 Sep	11 Oct	5	-	-	-	-	-	-	-	-	4	1	-	-
2352	221	Dusky sallow	12 Sep	13 Sep	2	-	-	-	-	-	-	-	-	2	-	-	-
2270	222	Lunar underwing	14 Sep	10 Oct	24	-	~	-	-	-	-	-	-	16	8	-	-
1776	223	Green carpet	14 Sep	14 Sep	1	-	-	-	-	-	-	-	-	1	-	-	-
2232	224	Black rustic	15 Sep	7 Oct	7	-	-	-	-	-	-	-	-	5	2	-	-
2248	225	Brindled green	15 Sep	14 Oct	6	-	-	-	-	-	-	-	-	5	1	-	-
2231	226	Deep-brown dart	16 Sep	5 Oct	8	-	-	-	-	-	-	-	-	5	3	-	-
2266	227	Brown-spot pinion	18 Sep	11 Oct	11	~	-	-	-	-	-	-	-	8	3	-	-
2369	228	Bulrush wainscot	21 Sep	21 Sep	ì	-	-	-	-	-	-	-	-	1	-	-	-
2272	229	Barred sallow	25 Sep	25 Sep	1	-	-	-	-	-	-	-	-	1	-	-	-
2273	230	Pink-barred sallow	26 Sep	13 Oct	2	-	-	-	-	-	-	-	-	}	1	-	-
2267	231	Beaded chestnut	26 Sep	22 Oct	14	-	-	-	-	-	-	-	-	2	12	-	-
2252	232	Large ranunculus	26 Sep	5 Oct	5	-	-	-	-	-	-	-	-	2	3	-	-
1767	233	Pine carpet	26 Sep	16 Oct	2	-	-	-	-	-	-	-	-	1	1	-	-
2262	234	Brick The	30 Sep	28 Oct	2	-	-	-	-	-	-	-	-	1	1	-	-
2263	235	Red-line quaker	3 Oct	2 Nov	6	-	-	-	-	-	-	-	-	-	5	ì	-
2240	236	Blair's shoulder-knot	4 Oct	21 Oct	5	-	-	-	-	-	-	-	-	-	5	-	-
2423	237	Oak nycteoline	6 Oct	6 Oct	1	-	-	-	-	-	-	-	-	-	Ì	-	-
2400	238	Scarce bordered straw	10 Oct	10 Oct	I	-	-	-	-	~	-	-	-	-	1	-	-
2020	239	Figure of eight	14 Oct		*	-	-	-	-	-	-	-	~	-	*	-	-
1864	240	Streak The	18 Oct	18 Oct	1	-	-	-	-	-	-	-	-	-	- 1	-	-
2245	241	Green-brindled crescent	22 Oct	8 Nov	3	-	-	-	-	-	-	-	-	-	2	1	-
2264	242	Yellow-line quaker	23 Oct	2 Dec	6	-	-	-		-	-	-	-	-	3	2	1
2258	243	Chestnut The	29 Oct	29 Oct	Ì	-	-	-	-	-	-	-	-	-	1	•	-
2259	244	Dark chestnut	30 Oct	30 Oct	1	-	-	-	-	-	-	-	-	-	1	-	-
1923	245	Feathered thorn	5 Nov	5 Nov	1	-	-	-	-	-	-	-	-	-	-	1	-
1795	246	November moth	8 Nov	8 Nov	i	-	-	-	-	-	-	-	-	-	-	1	-
1933	247	Scarce umber	1 Dec	13 Dec	3	-	-	-	-	-	-	-	-	-	-	-	3
1631	248	December moth	7 Dec	16 Dec	3	-	_	_	_	_	_	_	_	_	_	_	3
No.	1985	Name	First	Last	Days	Ja	Fe	Hr	Ap	Му	Jn	Jl	Au	Se	0c	No	De

Table 5. BRACKNELL MOTHS 1985.

	6. SOME BRACKNELL N	MICK	M (011	15	197		.19	60, —		Nai	e inc	lex with B &	. 1134	HOWDEL
	1334 ambigualis	1	356	f	orf	ica	lis				1513	•	itadactyla		
	1093 betulana	1	001	f	orn	1052	nus				977	•	lana		
	970 cerasana	1	002	: f	OFS	ter	ana				1261	•	onella		
	1378 coronata		309	-		cul					1390		malis		
	969 corylana			_	lau	ic i n	ali	5			647		udospretella		
	1413 costalis	9	937	h	3 M 3	ına					1362	•	puralis		
	1458 cribrella		1053		ast	ian	a				1452		orella		
	1293 culmella	1	376	h	ort	ula	ta					rur			
	1174 cynosbatella		1331		iv€						455		brella		
	148 degeerella		1398			tue l							iella		
	453 dentella		1375			lal							stella		
	1473 elutella		345			hae							manniana		
	663 fagella		1392			/ali							iegana		
	1417 farinalis		1358			ida					1033	3 vii	idana		
	1424 flammealis	•	1294	l p	1850	uel	la								
t =	Name 	1976										1984	= observatio	n only 1985	
	Nemophora degeerella	:	77												
	Ypsolopha dentella	•				80									
	Honeysuckle moth	•													
	Ypsolopha scabrella					80									
	Hofmannophila pseudospre Brown house-moth	tella	;			80									
	Diurnea fagella	;	77		79										
	Agapeta hamana	;	77	78											
	Pandemis corylana Chequered fruit-tree to:	; rtrix	:			80									
	Pandemis cerasana	:								84		1.	Jul		
	Barred fruit-tree tortr	ix;													
	Archips podana	;		78											
	Large fruit-tree tortri														
1	Lozotaenioides formosanu	/5 ;									85			24 Ju	
2	Lozotaenia forsterana	;									85	27		16 Ju	1
3	<i>Tortrix viridana</i> Green oak tortrix	:	77			80			(84)	(26)	Jun 4 Jul 84)		
8	Acleris variegana Garden rose tortrix	:			79										
3	Acleris hastiana	:									85			7 Mar	y
3	Apotomis betulana	1	77	78		80									
4	Epiblema cynosbatella	;			79						85			6 Ju	
4	Epiblema uddmanniana	;									85			2 Ju	1
5	Cydia pomonella	;	77			80									
	Codling moth		77												
5	Chrysoteuchia culmella	i i	′′												
5	Chrysoteuchia culmella Crambus pascuella	; ; 1976				80									
5 1 3	Chrysoteuchia culmella	1976	77			_		_	_	_		198		1985	

Tables 6 & 7. SOME BRACKNELL MICRO MOTHS 1976-1985.

Michael Dumbleton

No.	Name	1976	77	78	79	80	81	82	83	84	85	1984		1985
1309	Agriphila geniculea	:			_	80					-			
1331	Acentria nivea Water veneer	;				80								
1334	Scoparia ambigualis	!									85			31 Jul
1345		:								84	85	13 Aug		5 Jul
1356		;	77	78		80				84		24 Aug		
1358	Evergestis pallidata	:		78										
1362		:				80								
1375		;									85			27 Jul
1376	Eurrhypara hortulata:74 Small magpie	1976				80								
1378	Phlyctaenia coronata			78										
1390		1									85			Jul
1392			77	78										
1398	Nomophila noctuella	:				80								
1405	Pleuroptya ruralis	1	77	78										
1413	<i>Hypsopygia costalis</i> Golden triangle	;	77	78		80								
1415	-										85			16 Jul
1417		:				80								
1424	Endotricha flammealis				79	80								
1428	<i>Aphomia sociella</i> Bee moth	;								84	85	7 Jul	7 Aug	4 Jun
1452	Phycita roborella	;				80								
1458	<i>Myelois cribrella</i> Thistle ermine	;	77											
1473	<i>Ephestia elutella</i> Cacao moth	;									85			7 May
1513	Fterophotus pentadactyla White plume moth	1976 :												
2222 No,	Name	1976	 77	 78	 79	80	81	82	83	84	 85	1984		1985

Tabl	e 8. Further Brack	knell records noted by Baker	
18		173 The festoon * 1726 Large twin-spot carpet 1970 Grass wave *	1973 Deaths-head hawk-moth 2260 Dotted chestnut * 2370 Twin-spotted wainscot *

^{* =} location Chavey Down Bracknell

Tables 7 and 8,

(Continued from Page 3)

The number of species dropped to 83 in August. The Common Rustic occurred on all 31 days. The Large Yellow Underwing did so again, for the second month, and was joined by its relatives the Broad-bordered Yellow Underwing on 15 days, the Lesser Broad-bordered Yellow Underwing on 25, the Lesser Yellow Underwing on 26, and the Least Yellow Underwing on 5. The handsome Copper Underwing (10 days) is unrelated. Two hawk-moths occurred again, the Poplar on 4 days and the Pine on one.

The occurrence in the garden of the Balsam Carpet on 25 August of the previous year, 1984, was notable as the first record of this moth in Berkshire; it was not known in Britain until 1955.

In September numbers were down to 54. The Large Yellow Underwing again occurred on all 30 days of the month, followed by the Setaceous Hebrew Character in its second brood on 22, the Lesser Yellow Underwing on 21, and the Square Spot Rustic on 18. The Grey Pine Carpet also occurred in its second brood, on 11 days.

OCTOBER TO DECEMBER. For October 1985 the number of species had dropped to 37. Most common were the second brood of the Angle Shades appearing on 19 days, the prolific Large Yellow Underwing on 14, the Beaded Chestnut on 12, the second brood of the Silver Y on 11, and the Lunar Underwing, which is unrelated to others of similar name, on 8.

The Scarce Bordered Straw appeared on 10 October, notable as only the second Berkshire record for this moth.

Ten moths occurred in November, the Silver Y and the Yellow Line Quaker on 2 days, and one-day appearances of the September, November Moth and Winter Moths and the Grey Pine Carpet, Red Line Quaker, Yellow Line Quaker, Green Brindled Crescent and Feathered Thorn. Seventeen species had been seen in the previous November.

Appearances were restricted by very low temperatures during December. The six moths recorded were the December Moth and the Scarce Umber on 2 days and the Satellite, Winter Moth, Silver Y and Yellow-line Quaker on single days.

Table 1(b) shows the 29 species most common in the whole year, and the number of days on which each was seen.

REVIEW OF THE DECADE 1976-1985

I have not so far mentioned any of the micro moths seen during the decade (see Tables 5 & 6). Among them are those notable for the habits of their larvae: the Brown House-moth's originally fed on the debris in birds' nests, the Green Oak Tortrix's are also green and can be seen twisting on the end of threads of silk suspended from the branch of an oak tree, the Codling Moth's are the scourge of the apple-grower, the Water Veneer's live under water, the Bee Moth's live in the nests of bumble bees and wasps, and the Cacao Moth's are sometimes found in boxes of chocolates.

Larvae of larger moths with interesting habits included the Large Wainscot's which feed in the roots and stem-bases of the reed, and the Waved Black's which feed on fungi growing on dead wood.

Summarizing numbers again by adding to the 248 species of the larger moths seen in the garden in 1985 the 51 more seen earlier, and the 44 micro moths, the total for the decade 1976-1985 came to 343.

Michael Dumbleton

Plate I – Some Moths from the Dumbleton Bequest



Xanthorhoe biriviata
Balsam Carpet



Selenia lunularia Lunar Thorn



Ptilodontella cucullina Maple Prominent



Comibaena bajularia
Blotched Emerald



Heliothis armigera
Scarce Bordered Straw



Miltochrista miniata Rosy Footman



Smerinthus ocellata
Eyed Hawk-moth



Plagodis dolabraria Scorched Wing