Sun Rising NBG Moth Survey 2017 - A Brief Review



Alan Prior

Table of Contents

Introduction 2

Visit 1 – 23rd May, 2017 2

Visit 2 – 14th June, 2017 3

Visit 3 – 18th July, 2017 4

Visit 4 – 27th August, 2017 4

Visit 5 – 14th November, 2017 6

Summary 6

Acknowledgements 6

Appendix I – Recording Details 6

Appendix II – The Complete List 2017 7

Appendix III – National Status & Foodplants 13

Appendix IV – Other Wildlife Recorded During Survey 19

Some Photos From Sun Rising 2017 19

Cover Photo: December Moth (*Griposia aprilina*) 14th November, 2017 *(Photo: P. Smith)*

All photos in this report by A. Prior © 2017 (Except where stated)

Sun Rising NBG Moth Surveys 2017

Introduction

It proved to be an extremely successful year's moth recording at Sun Rising. Some major cooperation from the weather certainly helped things along greatly. The species list for the site grew every time and late in the year a targeted visit achieved it's objective and more. The first 'open' moth night for anybody with connections to Sun Rising went amazingly well, again the weather conditions certainly played a large part in that, as did the many interested and enthusiastic people that attended the event.

Visit 1 – 23rd May, 2017

The first visit of the year was made in late May where Alan was joined by Peter and Pete. Despite the cloudless skies, the air mass was a mild one and with no wind it meant the traps could be set up anywhere for a change, so a decent night was in prospect. The temperature dropped only very slowly, so there was plenty of moth activity at the traps from switch on. It took quite a while to complete the first tour of the traps and after a second round the initial signs of dawn were beginning to be seen, so it was decided to count up. A very pleasing 77 species were recorded, with 19 being newly recorded for the site. Amongst them were ***Coleophora alticolella***, ***Anania fuscalis***, **Chinese Character** (*Cilix glaucata*), **Grass Rivulet** (*Perizoma albulata*), **White-pinion Spotted** (*Lomographa bimaculata*), **Pale-shouldered Brocade** (*Lacanobia thalassina*) and **Pale Pinion** (*Lithophane socia*). A very enjoyable start to the year at Sun Rising.



1651 **Chinese Character** (65.007) (*Cilix glaucata*)
One of the new species recorded on 23rd May, 2017

Visit 2 – 14th June, 2017

The weather had improved markedly and Alan hastily arranged a trip to Sun Rising. He was expecting to be on his own as it was all done at such short notice, but he was delighted to find Nigel already on site and setting up a couple of traps when he arrived. David then put in an appearance and with Alan busy setting up his traps as dusk was falling, he joined Nigel to count the male **Ghost Moth**s hovering above their territories. Nigel managed to catch one and give David a close up view before restoring it to resume its territorial battles. It was nice David was able to see this mesmeric sight in person after going home just a little too early last year and missing it. Despite the lack of cloud, the air mass was warm and it proved to be one of the most productive recording nights yet at Sun Rising. Over a thousand moths representing 120 species were spread amongst the five traps. A pleasing sixteen new species were newly recorded for site and they included **Leopard Moth**, ***Epiblema cirsiana***, ***Dichrorampha flavidorsana***, ***Dichrorampha alpinana***, ***Dichrorampha plumbagana***, **Poplar Kitten** (*Furcula bifida*), **Lobster Moth** (*Stauropus fagi*), **Grey Arches** (*Polia nebulosa*) and **Marbled Minor** (*Oligia strigilis*).



1999 (71.009) **Lobster Moth** (*Stauropus fagi*)
Newly recorded at Sun Rising 14th June, 2017

Visit 3 – 18th July 2017

It was a warm evening, but there was a gusty southeastly wind blowing and lightning could be seen in the far distance. Peter, Pete, Nigel and Chris joined Alan for the night's recording and after some discussion, trap locations were agreed. Switching the lights on was followed by the expected busy start, due to so much electricity being in the air. As the night progressed the thunderstorm threat diminished and the skies cleared leading to a lessening of moth activity and a noticeable drop in temperature. However, it was still extremely mild for Sun Rising and the 'damage' had been done early on with plenty of moths already in the traps. A decent list was built on a tour of the traps, but everyone seemed confident when it came to count up time that they wouldn't be overwhelmed. As the count up got underway the sky started to fill with cloud and the odd large blob of rain was felt. However, it didn't amount to much and we were all relieved about that! Everyone had finished and decided to head for home except Alan and Chris. There was still the little heath trap to count, but that wasn't expected to take too long. That proved to be a very wrong assumption, as the little box was stuffed full of moths and it took a fair old while to tally. Chris was just as surprised as Alan and was glad he'd been able to witness it. Just as all was packed up and loaded into the car the rain proper started. It would appear that we'd been fortunate with the weather tonight and were in the right place for a change. It was a lovely feeling to finally win one! The results of everyone's efforts were another 1,000+ moths counted producing records for 154 species with 33 being new for the site and including a first record for Warwickshire of **Thyme Moth** (*Scrobipalpa artemisiella*). That proved to be the moth of the night, although none of us knew that at the time, as Nigel had to confirm its identity via dissection. Amongst the new species for the site were ***Phyllonorycter cerasicolella***, ***Coleophora saxicolella***, ***Agapeta zoegana***, ***Acleris aspersana***, ***Acrobasis consociella***, **Small Dusty Wave** (*Idaea seriata*), **July Highflyer** (*Hydriomena furcata*), **Black Arches** (*Lymantria monacha*) and **Scarce Footman** (*Eilema complana*).

Visit 4 – 27th August, 2017

August Bank Holiday Sunday and Scott, Pete and John joined Alan in discussions about where to site the traps and once all was agreed, they set to work. As they were doing that the car park became ever fuller with people constantly arriving. Alan and Pete had brought some moths caught in their gardens the previous night and they were put out on a table adjacent to the refreshments. When everything was finally set up, the recorders found a lot of people listening to the end of Emma's introduction and safety talk before she introduced Alan. This came as a bit of a shock to him, as he wasn't expecting to have to make a speech! However, the rambling mess of words he managed to get out seemed to do the trick. They did though lead to a barrage of questions afterwards and he was extremely grateful to Pete, Scott and John for chipping in and helping him out with some answers. The moths that Alan and Pete had brought had obviously sparked interest, because as soon as the traplights were switched on, people dispersed to all parts to see what was arriving. Thankfully everybody 'manned' their own traps and showed off the moths to the fascinated onlookers. The weather was far better than Alan could have expected for a Bank Holiday and there was plenty to see. Scott managed to find a Common Toad and then two Leverets attempting to hide somewhere between Alan's two traps. They were cute and stayed around for many people to see them before they melted away into the night. It seemed a long time before things slowed down a bit and people started to drift off home, but it was no less enjoyable for that.

The moths continued arriving steadily and some people stayed very late, as they didn't want to miss anything. Eventually, though David could head home himself, as he'd been volunteered to make sure everyone left safely and everything was as it should be.
That just left the moth recorders to tally before they could do the same. Alan still had one trap left to do by the time John, Scott and Pete were ready to go and so they left him to it. That took a lot longer than expected as new species kept arriving while he was trying to count. Dawn had come and gone by the time he was finally able to head home! It had been a very successful night all round with 74 species being recorded, including five new for the site. The night's species list included ***Bryotropha similis***, ***Agriphila selasella***, ***Eudonia pallida***, **Rusty-dot Pearl** (*Udea ferrugalis*), **Pale Eggar** (*Trichiura crataegi*), **Vapourer** (*Orgyia antiqua*), **Straw Underwing** (*Thalpophila matura*), **Six-striped Rustic** (*Xestia sexstrigata*) and **Spectacle** (*Abrostola tripartita*). Alan would like to add that the night's success was also due to the exceptional help that Pete, Scott and John gave him and to whom he would like to extend his most grateful thanks. Alan would also like to thank all the people that came and were so enthusiastic, which made it such an enjoyable experience.



2026 (72.017) **Vapourer** (*Orgyia antiqua*) 27th August, 2017
An early arrival at the traps, which provided
those fortunate to see it with a WOW! moment!

Visit 5 – 14th November 2017

The last moth target of the year was to find an opportunity at Sun Rising to get **December Moth** (*Poecilocampa populi*) on the list for the site. Martin recognised an opportunity and Alan helped him organise the short-notice visit. Unfortunately Alan wasn't able to go himself, but Peter, Pete and Chris were available to join Martin for a very productive, cloudy night's mothing. They managed to record 19 species, with the **December Moth** target making up a quarter of the total moths caught and another eight new species for the site were a nice bonus. Martin was also kept busy with a leafmine search and managed to add another ten new species for the site via that method. Amongst the adult moths recorded were **Red-green Carpet** (*Chloroclysta siterata*), **Winter Moth** (*Operophtera brumata*), **Scarce Umber** (*Agriopis aurantiaria*) and **Sprawler** (*Asteroscopus sphinx*).
So it was a very successful end to the recording for 2017.



2227 (73.065) **Sprawler** (*Asteroscopus sphinx*) 14th November, 2017 *(Photo: P. Smith)*
The last newly recorded moth species to appear this year at Sun Rising

Summary

The facts and figures for the five visits were:-
31 traps set, almost 35 hours worth of recording, an average overnight temperature of 11˚C (the best so far) and 307 species of moth recorded with 92 newly recorded at Sun Rising, including one new species for Warwickshire. The cooperative weather conditions certainly made a big difference in 2017 with both moths and recorders enjoying the results.

Acknowledgements

I would like to thank Emma and David for their always warm welcome and enthusiasm for recording the moths at Sun Rising. I would also like to thank Pete Smith, Peter Beasley, Nigel Stone, Scott Hackett, John Finlay and Chris Johnson for contributing greatly on the recording nights.

Appendix I – Recording Details

Visit	Date	Traps	Temp	Time	Species	Recorders
1	23rd May, 2017	6	8.1˚C	6h 45m	77	A. Prior/P. Beasley/P. Smith
2	14th June, 2017	5	10.5˚C	6h 15m	120	A. Prior/N. Stone
3	18th July, 2017	7	14.4˚C	6h 35m	154	A. Prior/P. Beasley/P. Smith/N. Stone/C. Johnson
4	27th August, 2017	6	10.5˚C	9h 05m	74	A. Prior/S. Hackett/P. Smith/ J. Finlay
5	14th November, 2017	7	10.2˚C	6h 15m	19	M. Kennard/P. Beasley/P. Smith/C. Johnson
	TOTALS	31	11˚C Avg.	34h 55m	307	

Appendix II – The Complete List For 2017

B & F	New	Species Name	May	Jun	Jul	Aug	Nov	TOTAL	Comment
14	3.005	Ghost Moth		20	1			21	
15	3.001	Orange Swift				12		12	
17	3.002	Common Swift	33	41				74	
38	4.090	*Ectoedemia subbimaculella*					*1	–	*mine
50	4.045	*Stigmella aurella*					*9	–	*mines
67	4.042	*Stigmella plagicolella*				*4		–	*Mines
83	4.061	*Stigmella atricapitella*					*1	–	*mine
86	4.063	*Stigmella roborella*					*2	–	*mines
89	4.058	*Stigmella basiguttella*					*2	–	*mines
92	4.015	*Stigmella anomalella*					*28	–	*mines
161	50.002	Leopard Moth		1				1	
246	12.032	*Tinea semifulvella*		1				1	
263	21.001	Apple Leaf Miner				*1	*5	–	*mines
266	14.002	*Bucculatrix nigricomella*	2					2	
288	15.010	*Caloptilia stigmatella*			1			1	1st Adult
294	15.015	*Aspilapteryx tringipennella*	3		2			5	
303	15.028	*Parornix anglicella*				*1		–	*Mine
321	15.040	*Phyllonorycter messaniella*					*5	–	*mines
326	15.046	*Phyllonorycter blancardella*					*25	–	*mines
330	15.050	*Phyllonorycter cerasicolella*			1			1	1f Gen. Det. NS
359	15.081	*Phyllonorycter nicellii*				*1		–	*Mine
362	15.084	*Phyllonorycter acerifoliella*					*1	–	*mine
366a	15.089	*Cameraria ohridella*			1			1	
391	19.007	*Glyphipterix simpliciella*	1					1	
420	20.021	*Argyresthia pruniella*		1				1	
421	20.022	*Argyresthia bonnetella*			2	1		3	
422	20.023	*Argyresthia albistria*			1			1	
424	16.001	*Yponomeuta evonymella*			3			3	
426	16.003	*Yponomeuta malinellus*			1			1	
440	16.019	*Paraswammerdamia albicapitella*			2			2	
441	16.020	*Paraswammerdamia nebulella*			1			1	
448a	22.003	*Prays ruficeps*	1		2			3	
455	17.005	*Ypsolopha scabrella*			1	1		2	
456	17.006	*Ypsolopha horridella*			2			2	
460	17.010	*Ypsolopha parenthesella*					*1	–	*cocoon
464	18.001	Diamond-back Moth	4	3	1			8	
476	19.014	*Acrolepia autumnitella*					*4	–	*mines
517	37.035	*Coleophora alcyonipennella*	1	2	4	1		8	3m Gen. Det. NS
519	37.046	*Coleophora deauratella*		2				2	2m Gen. Det. NS/ AP
565	37.083	*Coleophora saxicolella*			1			1	1f Gen. Det. AP
584	37.073	*Coleophora alticolella*	1	1				2	1m1f Gen. Det. NS/AP
607	38.037	*Elachista canapennella*	2		3	1		6	
610	38.004	*Elachista argentella*	1					1	
642	28.014	*Crassa unitella*			6			6	
644	28.012	*Borkhausenia fuscescens*			1			1	
647	28.010	Brown House-moth		1				1	
648	28.009	White-shouldered House-moth	1			1		2	
658	31.001	*Carcina quercana*			3		*1	3	*feeding signs
668	32.003	*Luquetia lobella*		1				1	1f Gen. Det. NS
674	32.038	*Depressaria badiella*			1			1	
688	32.018	*Agonopterix heracliana*			4			4	1m Gen. Det. NS
726	35.058	*Metzneria metzneriella*		3				3	

B & F	New	Species Name	May	Jun	Jul	Aug	Nov	TOTAL	Comment
780	35.049	*Bryotropha similis*				1		1	1f Gen. Det. AP
782	35.046	*Bryotropha senectella*			1			1	
787	35.040	*Bryotropha terrella*		4	5			5	2m1f Gen. Det. NS
819	35.123	*Scrobipalpa costella*	1					1	
820	35.120	***Scrobipalpa artemisiella***			1			1	1m Gen. Det. NS
822	35.109	*Scrobipalpa acuminatella*	4		1			5	3m1f Gen. Det. AP/NS
843	35.010	*Aproaerema anthyllidella*			1			1	1m Gen. Det. NS
868	35.031	*Helcystogramma rufescens*			2			2	
873	41.002	*Blastobasis adustella*			4	3		7	
874	41.003	*Blastobasis lacticolella*		2	4		5	5	
886	40.002	*Mompha ochraceella*			2			2	
905	39.001	*Blastodacna hellerella*		1	2			3	
936	49.097	*Cochylimorpha straminea*	2	1	6			9	
937	49.109	*Agapeta hamana*		13	9			9	
938	49.110	*Agapeta zoegana*			3			3	
970	49.025	Barred Fruit-tree Tortrix		4		1		5	
971	49.023	*Pandemis cinnamomeana*			1			1	
972	49.026	Dark Fruit-tree Tortrix			3	2		5	
977	49.013	Large Fruit-tree Tortrix			4			4	
989	49.031	Timothy Tortrix	2	6				6	
993	49.037	*Clepsis spectrana*			1	1		2	
994	49.038	*Clepsis consimilana*		1	4			4	
998	49.039	Light Brown Apple Moth	1				1	2	
1010	49.004	Red-barred Tortrix			10			10	
1011	49.091	*Pseudargyrotoza conwagana*	3	4	3			10	
1020x	49.050x	*Cnephasia sp.*		1	5			6	
1043	49.078	*Acleris aspersana*			1			1	1m Gen. Det. NS
1048	49.077	Garden Rose Tortrix					2	2	
1063	49.161	*Celypha striana*		4	36			40	
1076	49.166	*Celypha lacunana*	9	54	6	35		95	1m Gen. Det. NS
1082	49.157	*Hedya pruniana*	2	9	1			1	
1083	49.156	*Hedya nubiferana*		9	4			13	
1086	49.155	*Hedya salicella*			1			1	
1099	49.188	*Endothenia marginana*			1			1	
1108	49.183	*Lobesia abscisana*			3			3	
1126	49.214	*Ancylis badiana*	1		6	1		8	
1136	49.240	*Epinotia immundana*			1			1	
1159	49.223	*Rhopobota naevana*			2			2	
1169	49.279	*Gypsonoma dealbana*			1			1	
1174	49.292	*Notocelia cynosbatella*	8	1				9	
1175	49.294	Bramble Shoot Moth		3				3	
1176	49.298	*Notocelia trimaculana*		9				9	
1184a	49.286	*Epiblema cirsiana*		1				1	1m Gen. Det. AP
1200	49.266	*Eucosma hohenwartiana*		179	1			180	1m1f Gen. Det. NS/AP
1201	49.265	*Eucosma cana*		32	3			3	
1202	49.264	*Eucosma obumbratana*		4				4	3f Gen. Det. NS
1205	49.224	*Spilonota ocellana*			1			1	
1236	49.367	*Pammene fasciana*			1			1	
1260	49.341	*Cydia splendana*			2	2		4	
1274	49.320	*Dichrorampha alpinana*		1				1	1m Gen. Det. AP
1275	49.319	*Dichrorampha flavidorsana*		8				8	1m Gen. Det. NS
1276	49.322	*Dichrorampha plumbagana*		1				1	1f Gen. Det. AP
1279	49.313	*Dichrorampha acuminatana*				2		2	
1293	63.080	*Chrysoteuchia culmella*		34	8			42	
1301	63.086	*Crambus lathoniellus*	4	20				24	

B & F	New	Species Name	May	Jun	Jul	Aug	Nov	TOTAL	Comment
1302	63.088	*Crambus perlella*			2			2	
1303	63.092	*Agriphila selasella*				3		3	
1304	63.093	*Agriphila straminella*			63	26		89	
1305	63.089	*Agriphila tristella*			33	364		397	
1309	63.095	*Agriphila geniculea*				2		2	
1316	63.102	*Catoptria falsella*				1		1	
1331	63.115	Water Veneer			66	5		71	
1332	63.062	*Scoparia subfusca*			1			1	
1333	63.066	*Scoparia pyralella*		4				4	
1334	63.064	*Scoparia ambigualis*	7	6				13	
1336	63.075	*Eudonia pallida*				1		1	
1338	63.067	*Eudonia lacustrata*		3	6			9	
1344	63.074	*Eudonia mercurella*		1	4	1		6	
1345	63.114	Brown China-mark				1		1	
1348	63.117	Ringed China-mark			1	3		4	
1376	63.025	Small Magpie		1	2			2	
1386	63.016	*Anania fuscalis*	1					1	
1388	63.033	*Udea lutealis*			1			1	
1390	63.034	*Udea prunalis*			5			5	
1392	63.037	*Udea olivalis*		3				3	
1395	63.031	Rusty-dot Pearl			1	1	1	3	
1405	63.038	Mother of Pearl			25	1		26	
1413	62.075	Gold Triangle			2			2	
1415	62.076	*Hypsopygia glaucinalis*			1			1	
1428	62.001	Bee Moth		3				3	
1437	62.038	*Acrobasis consociella*			2			2	
1439	62.035	*Acrobasis advenella*			1	1		2	
1470	62.048	*Euzophera pinguis*			2			2	
1474	62.065	*Ephestia unicolorella*		2				2	
1481	62.054	*Homoeosoma sinuella*		2				2	
1483	62.058	*Phycitodes binaevella*		1	1			2	
1574	61.018	Common Blue	1					1	Roosting
1614	59.003	Speckled Wood				1		1	
1620	59.012	Marbled White			1			1	
1631	66.001	DECEMBER MOTH					12	12	
1632	66.002	PALE EGGAR				4		4	
1640	66.010	DRINKER		2	8			10	
1651	65.007	CHINESE CHARACTER	6		1	3		10	
1652	65.008	PEACH BLOSSOM		3				3	
1653	65.009	BUFF ARCHES			7			7	
1654	65.010	FIGURE OF EIGHTY		1				1	
1673	70.302	SMALL EMERALD			1			1	
1682	70.029	BLOOD-VEIN		4		1		5	
1690	70.024	SMALL BLOOD-VEIN			5			5	
1702	70.013	SMALL FAN-FOOTED WAVE			6			6	
1707	70.008	SMALL DUSTY WAVE			1			1	
1708	70.011	SINGLE-DOTTED WAVE			2			2	
1711	70.012	TREBLE BROWN SPOT		1				1	
1713	70.016	RIBAND WAVE		3	12			15	
1724	70.051	RED TWIN-SPOT CARPET	2		1			3	
1726	70.055	LARGE TWIN-SPOT CARPET			5			5	
1727	70.054	SILVER-GROUND CARPET	8	5				13	
1732	70.045	SHADED BROAD-BAR			86			86	
1738	70.061	COMMON CARPET	2		5			7	
1742	70.059	YELLOW SHELL		1	5	2		7	

B & F	New	Species Name	May	Jun	Jul	Aug	Nov	TOTAL	Comment
1758	70.093	BARRED STRAW		9				9	
1759	70.094	SMALL PHOENIX	1					1	
1760	70.095	RED-GREEN CARPET					1	1	
1764	70.097	COMMON MARBLED CARPET	5	1		4		10	
1765	70.085	BARRED YELLOW		23				23	
1769	70.079	SPRUCE CARPET	1					1	
1773	70.086	BROKEN-BARRED CARPET	3					3	
1776	70.100	GREEN CARPET	13	1		11		25	
1777	70.074	JULY HIGHFLYER			4			4	
1791	70.118	BROWN SCALLOP		1				1	
1799	70.106	WINTER MOTH					5	5	
1803	70.133	SMALL RIVULET			1			1	
1807	70.137	GRASS RIVULET	6	1				7	
1819	70.184	MOTTLED PUG	4	4				4	
1825	70.173	LIME-SPECK PUG	1		1			2	
1834	70.183	COMMON PUG	4			1		5	1m1f Gen. Det. AP
1835	70.160	WHITE-SPOTTED PUG	1	1				2	1m1f Gen. Det. AP
1837	70.190	GREY PUG		1				1	1m Gen. Det. AP
1852	70.156	BRINDLED PUG	1					1	1f Gen. Det. AP
1853	70.157	OAK-TREE PUG	1					1	1m Gen. Det. AP
1857	70.162	DWARF PUG	1					1	1m Gen. Det. AP
1858	70.142	V-PUG			2			2	
1860	70.144	GREEN PUG		1	2			3	
1883	70.200	YELLOW-BARRED BRINDLE			1			1	
1884	70.205	MAGPIE MOTH			4	2		6	
1887	70.207	CLOUDED BORDER		3				3	
1894	70.218	LATTICED HEATH		1				1	
1904	70.224	SCORCHED WING	4	1				5	
1906	70.226	BRIMSTONE MOTH	4	10	8	39		57	
1913	70.234	CANARY-SHOULDERED THORN			1	1		2	
1914	70.235	DUSKY THORN			4	16		20	
1917	70.237	EARLY THORN			5	1		6	
1921	70.241	SCALLOPED OAK			14			14	
1922	70.243	SWALLOW-TAILED MOTH			1			1	
1923	70.244	FEATHERED THORN					3	3	
1931	70.252	PEPPERED MOTH		1				1	
1933	70.254	SCARCE UMBER					1	1	
1936	70.257	WAVED UMBER	3					3	
1937	70.258	WILLOW BEAUTY		3	2			5	
1941	70.265	MOTTLED BEAUTY		8	2			2	
1956	70.278	COMMON WAVE			1	1		2	
1957	70.279	WHITE-PINION SPOTTED	3					3	
1958	70.280	CLOUDED SILVER	15	9	2			26	
1961	70.283	LIGHT EMERALD		3	1			1	
1976	69.006	PRIVET HAWK-MOTH		1				1	
1981	69.003	POPLAR HAWK-MOTH	3	1	2	1		7	
1991	69.016	ELEPHANT HAWK-MOTH		1				1	
1994	71.025	BUFF-TIP	1					1	
1997	71.005	SALLOW KITTEN			1			1	
1998	71.007	POPLAR KITTEN		1				1	
1999	71.009	LOBSTER MOTH		1				1	
2000	71.012	IRON PROMINENT	1					1	
2003	71.013	PEBBLE PROMINENT			7	1		8	
2007	71.017	SWALLOW PROMINENT		1				1	
2011	71.020	PALE PROMINENT				1		1	

B & F	New	Species Name	May	Jun	Jul	Aug	Nov	TOTAL	Comment
2026	72.017	VAPOURER				1		1	
2028	72.015	PALE TUSSOCK	3					3	
2030	72.013	YELLOW-TAIL			15			15	
2033	72.010	BLACK ARCHES			1			1	
2038	72.036	MUSLIN FOOTMAN			2			2	
2044	72.044	DINGY FOOTMAN			14			14	
2047	72.046	SCARCE FOOTMAN			11			11	
2049	72.043	BUFF FOOTMAN			1			1	
2050	72.045	COMMON FOOTMAN			14			14	
2060	72.020	WHITE ERMINE	6	6				12	
2061	72.019	BUFF ERMINE	3	3				6	
2063	72.022	MUSLIN MOTH	1					1	
2064	72.024	RUBY TIGER			30			30	
2089	73.317	HEART & DART	2	96	6			104	
2091	73.327	DARK SWORD-GRASS				1		1	
2092	73.325	SHUTTLE-SHAPED DART	1					1	
2098	73.328	FLAME	1	16	1			18	
2102	73.329	FLAME SHOULDER	23	5	13	31		72	
2107	73.342	LARGE YELLOW UNDERWING		33	29	117		146	
2109	73.345	LESSER YELLOW UNDERWING			3	1	1	5	
2110	73.343	BROAD-BORDERED YELLOW UNDERWING			5	3		8	
2111	73.348	LESSER BROAD-BORDERED YELLOW UNDERWING			23	15		38	
2112	73.346	LEAST YELLOW UNDERWING			4			4	
2114	73.351	DOUBLE DART		7				7	
2120	73.333	INGRAILED CLAY	1					1	
2123	73.334	SMALL SQUARE-SPOT	26	21		44		65	
2126	73.359	SETACEOUS HEBREW CHARACTER	22	23	1	211	1	258	
2128	73.361	DOUBLE SQUARE-SPOT		3	4			4	
2133	73.358	SIX-STRIPED RUSTIC				1		1	
2134	73.357	SQUARE-SPOT RUSTIC				173		173	
2150	73.261	GREY ARCHES		1				1	
2158	73.264	PALE-SHOULDERED BROCADE	1					1	
2160	73.267	BRIGHT-LINE BROW-EYE	1	2	1	1		5	
2178	73.253	FEATHERED GOTHIC				1		1	
2188	73.242	CLOUDED DRAB	1					1	
2190	73.249	HEBREW CHARACTER	1					1	
2192	73.290	BROWN-LINE BRIGHT-EYE			7			7	
2193	73.298	CLAY			11			11	
2198	73.293	SMOKY WAINSCOT			44			44	
2199	73.291	COMMON WAINSCOT	1	7	3	24		35	
2205	73.301	SHOULDER-STRIPED WAINSCOT		15				15	
2227	73.065	SPRAWLER					4	4	
2236	73.201	PALE PINION	1					1	
2258	73.194	CHESTNUT					1	1	
2259	73.195	DARK CHESTNUT					4	4	
2262	73.192	BRICK					1	1	
2263	73.189	RED-LINE QUAKER					2	2	
2269	73.219	CENTRE-BARRED SALLOW				12		12	
2270	73.193	LUNAR UNDERWING					1	1	
2278	73.046	POPLAR GREY		2				2	
2283	73.037	DARK DAGGER		2				2	2m Gen. Det. NS/AP
2284x	73.038x	Dark/Grey Dagger			6			6	
2284	73.038	GREY DAGGER			1			1	1m Gen. Det. NS
2291	73.047	CORONET		10	6			16	
2297	73.062	COPPER UNDERWING				3		3	

B & F	New	Species Name	May	Jun	Jul	Aug	Nov	TOTAL	Comment
2299	**73.064**	MOUSE MOTH				1		**1**	
2302	**73.102**	BROWN RUSTIC	1	6				**7**	
2303	**73.109**	STRAW UNDERWING				3		**3**	
2306	**73.113**	ANGLE SHADES		1			1	**2**	
2319	**73.217**	LUNAR-SPOTTED PINION			4			**4**	
2321	**73.162**	DARK ARCHES		38	114	2		**154**	
2322	**73.163**	LIGHT ARCHES		6				**6**	
2326	**73.156**	CLOUDED-BORDERED BRINDLE	5					**5**	
2327	**73.155**	CLOUDED BRINDLE		1				**1**	
2330	**73.154**	DUSKY BROCADE		3				**3**	
2331	**73.159**	SMALL CLOUDED BRINDLE		2				**2**	
2333	**73.157**	LARGE NUTMEG	5	7				**7**	
2334	**73.158**	RUSTIC SHOULDER-KNOT	15	11				**26**	
2337x	**73.173x**	Marbled Minor agg.	6	26	6			**38**	
2337	**73.173**	MARBLED MINOR		1				**1**	1f Gen. Det. NS
2340	**73.176**	MIDDLE-BARRED MINOR		70				**70**	
2341	**73.172**	CLOAKED MINOR			18			**18**	
2343x	**73.169x**	Common Rustic agg.			34	2		**36**	
2345	**73.147**	SMALL DOTTED BUFF			1	7		**8**	
2352	**73.120**	DUSKY SALLOW			34			**34**	
2353	**73.131**	FLOUNCED RUSTIC				13		**13**	
2361	**73.123**	ROSY RUSTIC				5		**5**	
2380	**73.101**	TREBLE LINES	8	1				**9**	
2381	**73.096**	UNCERTAIN		3	22			**25**	
2382	**73.097**	RUSTIC			30			**30**	
2384	**73.099**	VINE'S RUSTIC		1		1		**1**	
2387	**73.092**	MOTTLED RUSTIC		6	2			**8**	
2434	**73.012**	BURNISHED BRASS		2		1		**1**	
2439	**73.022**	GOLD SPOT	1			1		**2**	
2441	**73.015**	SILVER Y	2		1			**1**	
2442	**73.016**	BEAUTIFUL GOLDEN Y		1				**1**	
2443	**73.017**	PLAIN GOLDEN Y		3				**3**	
2450	**73.001**	SPECTACLE	2		1	2		**5**	
2473	**72.069**	BEAUTIFUL HOOK-TIP		8				**8**	
2474	**72.002**	STRAW DOT	1	19	6	10		**36**	
2477	**72.003**	SNOUT		3	1	7	1	**12**	
2492	**72.055**	SMALL FAN-FOOT		1				**1**	
307	**92**		331	1089	1157	1259	48	**3884**	

Appendix III – National Status & Foodplants

B & F	New	Species	National Status	Foodplants
14	**3.005**	Ghost Moth	Common	Grasses, Herbaceous plants
15	**3.001**	Orange Swift	Common	Bracken, Herbaceous plants
17	**3.002**	Common Swift	Common	Grasses, Herbaceous plants
38	**4.090**	*Ectoedemia subbimaculella*	Common	Oak, Sweet Chestnut
50	**4.045**	*Stigmella aurella*	Common	Bramble, Avens etc.
67	**4.042**	*Stigmella plagicolella*	Common	Blackthorn, Plum, Cherry
83	**4.061**	*Stigmella atricapitella*	Common	Oak
86	**4.063**	*Stigmella roborella*	Common	Oak
89	**4.058**	*Stigmella basiguttella*	Common	Oak
92	**4.015**	*Stigmella anomalella*	Common	Wild & Cultivated Rose
161	**50.002**	Leopard Moth	Common	Deciduous Trees & Shrubs
246	**12.032**	*Tinea semifulvella*	Common	Bird's Nests, Wool Remains
263	**21.001**	Apple Leaf Miner	Common	Rosaceous Trees & Birch
266	**14.002**	*Bucculatrix nigricomella*	Local	Ox-eye Daisy
288	**15.010**	*Caloptilia stigmatella*	Common	Willow, Poplar
294	**15.015**	*Aspilapteryx tringipennella*	Common	Ribwort Plantain
303	**15.028**	*Parornix anglicella*	Common	Hawthorn
321	**15.040**	*Phyllonorycter messaniella*	Common	Oak, Sweet Chestnut
326	**15.046**	*Phyllonorycter blancardella*	Common	Apple
330	**15.050**	*Phyllonorycter cerasicolella*	Local	Cherry
359	**15.081**	*Phyllonorycter nicellii*	Common	Hazel
362	**15.084**	*Phyllonorycter acerifoliella*	Common	Field Maple
366a	**15.089**	*Cameraria ohridella*	Common	Horse-chestnut
391	**19.007**	*Glyphipterix simpliciella*	Common	Cock's-foot
420	**20.021**	*Argyresthia pruniella*	Common	Cherry
421	**20.022**	*Argyresthia bonnetella*	Common	Hawthorn
422	**20.023**	*Argyresthia albistria*	Common	Blackthorn
424	**16.001**	*Yponomeuta evonymella*	Common	Bird-cherry
426	**16.003**	*Yponomeuta malinellus*	Local	Apple
440	**16.019**	*Paraswammerdamia albicapitella*	Common	Blackthorn
441	**16.020**	*Paraswammerdamia nebulella*	Common	Hawthorn, Rowan
448a	**22.003**	*Prays ruficeps*	Unknown	Ash
455	**17.005**	*Ypsolopha scabrella*	Common	Apple, Blackthorn, Cotoneaster
456	**17.006**	*Ypsolopha horridella*	**Nb**	Apple, Blackthorn
460	**17.010**	*Ypsolopha parenthesella*	Common	Oak, Birch, Hazel, Hornbeam
464	**18.001**	Diamond-back Moth	Migrant	Brassicacea
476	**19.014**	*Acrolepia autumnitella*	Common	Bittersweet, Deadly & Woody Nightshade
517	**37.035**	*Coleophora alcyonipennella*	Local	White Clover
519	**37.046**	*Coleophora deauratella*	Local	Red Clover
565	**37.083**	*Coleophora saxicolella*	Local	Orache, Goosefoot
584	**37.073**	*Coleophora alticolella*	Common	*Juncus* Rushes
607	**38.037**	*Elachista canapennella*	Common	Grasses
610	**38.004**	*Elachista argentella*	Common	Grasses
642	**28.014**	*Crassa unitella*	Common	Dead Wood
644	**28.012**	*Borkhausenia fuscescens*	Common	Decaying Leaves
647	**28.010**	Brown House-moth	Common	Dead Organic Matter
648	**28.009**	White-shouldered House-moth	Common	Dead Organic Matter
658	**31.001**	*Carcina quercana*	Common	Deciduous Trees & Bushes
668	**32.003**	*Luquetia lobella*	Local	Blackthorn
674	**32.038**	*Depressaria badiella*	Local	Cat's-ear, Perennial sow-thistle, Dandelion
688	**32.018**	*Agonopterix heracliana*	Common	Apiaceae, esp. Angelica, Hogweed

B & F	New	Species	National Status	Foodplants
726	**35.058**	*Metzneria metzneriella*	Common	Knapweed, Saw-wort
780	**35.049**	*Bryotropha similis*	Local	Mosses
782	**35.046**	*Bryotropha senectella*	Local	Mosses
787	**35.040**	*Bryotropha terrella*	Common	Mosses, Grasses
819	**35.123**	*Scrobipalpa costella*	Common	Bittersweet
820	**35.120**	***Scrobipalpa artemisiella*** (Thyme Moth)	**Nb**	Wild Thyme,
822	**35.109**	*Scrobipalpa acuminatella*	Common	Knapweed, Thistle
843	**35.010**	*Aproaerema anthyllidella*	Local	Kidney-vetch, Sanfoin, Clover
868	**35.031**	*Helcystogramma rufescens*	Common	Wood Small-reed, False Brome
873	**41.002**	*Blastobasis adustella*	Common	Withered plant material
874	**41.003**	*Blastobasis lacticolella*	Common	Withered plant material
886	**40.002**	*Mompha ochraceella*	Common	Great Willowherb
905	**39.001**	*Blastodacna hellerella*	Common	Hawthorn
936	**49.097**	*Cochylimorpha straminea*	Common	Common Knapweed
937	**49.109**	*Agapeta hamana*	Common	Thistles
938	**49.110**	*Agapeta zoegana*	Common	Common Knapweed, Scabious
970	**49.025**	Barred Fruit-tree Tortrix	Common	Deciduous Trees & Bushes
971	**49.023**	*Pandemis cinnamomeana*	Common	Deciduous Trees & Bushes, Conifers
972	**49.026**	Dark Fruit-tree Tortrix	Common	Deciduous Trees & Bushes
977	**49.013**	Large Fruit-tree Tortrix	Common	Deciduous Trees & Bushes
989	**49.031**	Timothy Tortrix	Common	Grasses, Herbaceous plants
993	**49.037**	*Clepsis spectrana*	Common	Herbaceous plants
994	**49.038**	*Clepsis consimilana*	Common	Polyphagous
998	**49.039**	Light Brown Apple Moth	Common	Polyphagous
1010	**49.004**	Red-barred Tortrix	Common	Trees & Shrubs, Herbacous plants
1011	**49.091**	*Pseudargyrotoza conwagana*	Common	Ash, Wild Privet
1020x	**49.050x**	*Cnephasia sp.*	–	–
1043	**49.078**	*Acleris aspersana*	Common	Herbaceous Rosaceae
1048	**49.077**	Garden Rose Tortrix	Common	Roseaceous Trees & Shrubs, Herbaceous plants
1063	**49.161**	*Celypha striana*	Common	Dandelion
1076	**49.166**	*Celypha lacunana*	Common	Herbaceous plants
1082	**49.157**	*Hedya pruniana*	Common	Cherry, Blackthorn, Plum
1083	**49.156**	*Hedya nubiferana*	Common	Roseaceous Trees & Shrubs
1086	**49.155**	*Hedya salicella*	Common	Willow, Poplar
1099	**49.188**	*Endothenia marginana*	Common	Teasel, Betony, hemp-nettle
1108	**49.183**	*Lobesia abscisana*	Common	Creeping Thistle
1126	**49.214**	*Ancylis badiana*	Common	Pea, Vetch, Clover
1136	**49.240**	*Epinotia immundana*	Common	Birch, Alder
1159	**49.223**	*Rhopobota naevana*	Common	Polyphagous
1169	**49.279**	*Gypsonoma dealbana*	Common	Hawthorn, Oak, Poplar, Willow etc.
1174	**49.292**	*Notocelia cynosbatella*	Common	Rose, Bramble
1175	**49.294**	Bramble Shoot Moth	Common	Bramble
1176	**49.298**	*Notocelia trimaculana*	Common	Hawthorn
1184a	**49.286**	*Epiblema cirsiana*	Common	Marsh Thistle, Common Knapweed
1200	**49.266**	*Eucosma hohenwartiana*	Common	Common Knapweed. Saw-wort
1201	**49.265**	*Eucosma cana*	Common	Common Knapweed. Thistle
1202	**49.264**	*Eucosma obumbratana*	Local	Perennial Sow-Thistle
1205	**49.224**	*Spilonota ocellana*	Common	Deciduous Trees & Shrubs
1236	**49.367**	*Pammene fasciana*	Common	Oak, Sweet Chestnut
1260	**49.341**	*Cydia splendana*	Common	Oak, Sweet Chestnut
1274	**49.320**	*Dichrorampha alpinana*	Local	Oxeye Daisy
1275	**49.319**	*Dichrorampha flavidorsana*	**Nb**	Tansy
1276	**49.322**	*Dichrorampha plumbagana*	Local	Yarrow
1279	**49.313**	*Dichrorampha acuminatana*	Local	Yarrow, Tansy
1293	**63.080**	*Chrysoteuchia culmella*	Common	Grasses

B & F	New	Species	National Status	Foodplants
1301	**63.086**	*Crambus lathoniellus*	Common	Grasses esp. Wavy hair-grass
1302	**63.088**	*Crambus perlella*	Common	Grasses esp. hair-grass, fescue
1303	**63.092**	*Agriphila selasella*	Local	Grasses
1304	**63.093**	*Agriphila straminella*	Common	Grasses
1305	**63.089**	*Agriphila tristella*	Common	Grasses esp. hair-grass, meadow-grass
1309	**63.095**	*Agriphila geniculea*	Common	Grasses
1316	**63.102**	*Catoptria falsella*	Common	Mosses
1331	**63.115**	Water Veneer	Common	submerged pond & freshwater plants
1332	**63.062**	*Scoparia subfusca*	Common	Hawkweed Ox-tongue, Colt's-foot
1333	**63.066**	*Scoparia pyralella*	Common	Decaying vegetation & roots
1334	**63.064**	*Scoparia ambigualis*	Common	Mosses & Lichens
1336	**63.075**	*Eudonia pallida*	Local	Mosses & Lichens
1338	**63.067**	*Eudonia lacustrata*	Common	Mosses
1344	**63.074**	*Eudonia mercurella*	Common	Mosses
1345	**63.114**	Brown China-mark	Common	Pondweed
1348	**63.117**	Ringed China-mark	Common	submerged pond & freshwater plants
1376	**63.025**	Small Magpie	Common	Common Nettle
1386	**63.016**	*Anania fuscalis*	Local	Wild Marjoram, Thyme etc.
1388	**63.033**	*Udea lutealis*	Common	Herbaceous plants
1390	**63.034**	*Udea prunalis*	Common	Herbaceous plants
1392	**63.037**	*Udea olivalis*	Common	Herbaceous plants
1395	**63.031**	Rusty-dot Pearl	Migrant	Herbaceous Plants
1405	**63.038**	Mother of Pearl	Common	Common Nettle
1413	**62.075**	Gold Triangle	Common	Dried Vegetable matter
1415	**62.076**	*Hypsopygia glaucinalis*	Common	Decaying vegetation & roots
1428	**62.001**	Bee Moth	Common	Honeycomb in Bees nests
1437	**62.038**	*Acrobasis consociella*	Local	Oak
1439	**62.035**	*Acrobasis advenella*	Common	Hawthorn, Rowan
1470	**62.048**	*Euzophera pinguis*	Common	Ash
1474	**62.065**	*Ephestia unicolorella*	Local	Dead Ivy etc.
1481	**62.054**	*Homoeosoma sinuella*	Common	Plantains
1483	**62.058**	*Phycitodes binaevella*	Common	Thistle
1574	**61.018**	Common Blue	Common	Bird's-foot Trefoil, Black Medick, Rest-harrows
1614	**59.003**	Speckled Wood	Common	Grasses
1620	**59.012**	Marbled White	Common	Grasses
1631	**66.001**	DECEMBER MOTH	Common	Deciduous Trees esp. Oak
1632	**66.002**	PALE EGGAR	Common	Oak, Birch, Sallow, Blackthorn, Hawthorn, Hazel, Crab Apple
1640	**66.010**	DRINKER	Common	Grasses
1651	**65.007**	CHINESE CHARACTER	Common	Hawthorn, Blackthorn
1652	**65.008**	PEACH BLOSSOM	Common	Peach Blossom
1653	**65.009**	BUFF ARCHES	Common	Brambles
1654	**65.010**	FIGURE OF EIGHTY	Common	Aspen, Poplar
1673	**70.302**	SMALL EMERALD	Local	Traveller's-joy, Clematis
1682	**70.029**	BLOOD-VEIN	Common	Dock, Sorrel, Knotgrass
1690	**70.024**	SMALL BLOOD-VEIN	Common	Privet, Honeysuckle
1702	**70.013**	SMALL FAN-FOOTED WAVE	Common	Dandelion, Knotgrass, Plantain, Bramble
1707	**70.008**	SMALL DUSTY WAVE	Common	Ivy, Knotgrass etc.
1708	**70.011**	SINGLE-DOTTED WAVE	Common	Cow Parsley, Burnet-saxifrage, Hedge Bedstraw
1711	**70.012**	TREBLE BROWN SPOT	Local	Herbaceous plants
1713	**70.016**	RIBAND WAVE	Common	Bedstraws, Dandelion. Dock
1724	**70.051**	RED TWIN-SPOT CARPET	Common	Low Growing Plants
1726	**70.055**	LARGE TWIN-SPOT CARPET	Local	Herbaceous Plants
1727	**70.054**	SILVER-GROUND CARPET	Common	Low Growing Plants
1732	**70.045**	SHADED BROAD-BAR	Common	Vetches, Clovers
1738	**70.061**	COMMON CARPET	Common	Bedstraws

B & F	New	Species	National Status	Foodplants
1742	**70.059**	YELLOW SHELL	Common	Low Growing Plants
1758	**70.093**	BARRED STRAW	Common	Bedstraws
1759	**70.094**	SMALL PHOENIX	Common	Willowherbs
1760	**70.095**	RED-GREEN CARPET	Common	Deciduous Trees
1764	**70.097**	COMMON MARBLED CARPET	Common	Deciduous Trees & Shrubs
1765	**70.085**	BARRED YELLOW	Common	Roseaceous plants
1769	**70.079**	SPRUCE CARPET	Common	Conifers
1773	**70.086**	BROKEN-BARRED CARPET	Common	Deciduous Trees
1776	**70.100**	GREEN CARPET	Common	Bedstraws
1777	**70.074**	JULY HIGHFLYER	Common	Willow, Sallow, Aspen, Bilberry
1791	**70.118**	BROWN SCALLOP	Local	Buckthorn
1799	**70.106**	WINTER MOTH	Common	Deciduous Trees & Shrubs, Conifers
1803	**70.133**	SMALL RIVULET	Common	Hemp-nettle
1807	**70.137**	GRASS RIVULET	Local	Yellow-rattle
1819	**70.184**	MOTTLED PUG	Common	Oak, Hawthorn, Blackthorn
1825	**70.173**	LIME-SPECK PUG	Common	Low Growing Plants
1834	**70.183**	COMMON PUG	Common	Deciduous Trees & Shrubs, Herbaceous plants
1835	**70.160**	WHITE-SPOTTED PUG	Local	Elder, Herbaceous plants
1837	**70.190**	GREY PUG	Common	Herbaceous plants, Broadleaved Shrubs
1852	**70.156**	BRINDLED PUG	Common	Oak, Hawthorn
1853	**70.157**	OAK-TREE PUG	Common	Oak, Hawthorn
1857	**70.162**	DWARF PUG	Common	Conifers
1858	**70.142**	V-PUG	Common	Blackthorn
1860	**70.144**	GREEN PUG	Common	Hawthorn, Blackthorn, Crab-apple
1883	**70.200**	YELLOW-BARRED BRINDLE	Local	Holly, Ivy, Dogwood, Guelder Rose, Hawthorn
1884	**70.205**	MAGPIE MOTH	Common	Blackthorn, Hawthorn, Privet, Hazel +
1887	**70.207**	CLOUDED BORDER	Common	Aspen, Poplar, Sallow, Hazel
1894	**70.218**	LATTICED HEATH	Common	Clovers, Trefoils, Lucerne
1904	**70.224**	SCORCHED WING	Local	Oak, Beech, Birch, Sallow
1906	**70.226**	BRIMSTONE MOTH	Common	Deciduous Trees
1913	**70.234**	CANARY-SHOULDERED THORN	Common	Deciduous Trees
1914	**70.235**	DUSKY THORN	Common	Ash
1917	**70.237**	EARLY THORN	Common	Deciduous Trees
1921	**70.241**	SCALLOPED OAK	Common	Deciduous Trees & Shrubs
1922	**70.243**	SWALLOW-TAILED MOTH	Common	Honeysuckle, Ivy, Hawthorn & other trees/shrubs
1923	**70.244**	FEATHERED THORN	Common	Deciduous Trees & Shrubs
1931	**70.252**	PEPPERED MOTH	Common	Deciduous Trees & Shrubs, Herbaceous plants
1933	**70.254**	SCARCE UMBER	Common	Deciduous Trees & Shrubs
1936	**70.257**	WAVED UMBER	Common	Privet, Lilac
1937	**70.258**	WILLOW BEAUTY	Common	Deciduous Trees & Shrubs, Conifers
1941	**70.265**	MOTTLED BEAUTY	Common	Deciduous Trees & Shrubs, Conifers
1956	**70.278**	COMMON WAVE	Common	Willow, Sallow, Aspen, Poplar
1957	**70.279**	WHITE-PINION SPOTTED	Common	Blackthorn, Hawthorn
1958	**70.280**	CLOUDED SILVER	Common	Blackthorn, Hawthorn, Plum, Cherry, Crab Apple
1961	**70.283**	LIGHT EMERALD	Common	Deciduous Trees & Shrubs
1976	**69.006**	PRIVET HAWK-MOTH	Common	Privet, Ash, Lilac
1981	**69.003**	POPLAR HAWK-MOTH	Common	Willow, Sallow, Aspen, Poplar
1991	**69.016**	ELEPHANT HAWK-MOTH	Common	Willowherbs, Himalayan Balsam, Bedstraws, Fuschia etc
1994	**71.025**	BUFF-TIP	Common	Deciduous Trees & Shrubs
1997	**71.005**	SALLOW KITTEN	Common	Willow, Sallow, Aspen, Poplar
1998	**71.007**	POPLAR KITTEN	Local	Sallow, Aspen, Poplar
1999	**71.009**	LOBSTER MOTH	Common	Oak, Beech, Birch, Hazel
2000	**71.012**	IRON PROMINENT	Common	Oak, Beech, Birch, Hazel
2003	**71.013**	PEBBLE PROMINENT	Common	Willow, Sallow, Aspen, Poplar
2007	**71.017**	SWALLOW PROMINENT	Common	Willow, Sallow, Aspen, Poplar

B & F	New	Species	National Status	Foodplants
2011	**71.020**	PALE PROMINENT	Common	Willow, Sallow, Aspen, Poplar
2026	**72.017**	VAPOURER	Common	Deciduous Trees & Shrubs
2028	**72.015**	PALE TUSSOCK	Common	Deciduous Trees & Shrubs
2030	**72.013**	YELLOW-TAIL	Common	Willow, Sallow, Aspen, Poplar
2033	**72.010**	BLACK ARCHES	Local	Deciduous Trees (mainly Oak), Scot's Pine, Norway Spruce
2038	**72.036**	MUSLIN FOOTMAN	Local	Lichens
2044	**72.044**	DINGY FOOTMAN	Common	Lichens
2047	**72.046**	SCARCE FOOTMAN	Local	Lichens
2049	**72.043**	BUFF FOOTMAN	Local	Lichens
2050	**72.045**	COMMON FOOTMAN	Common	Lichens
2060	**72.020**	WHITE ERMINE	Common	Herbaceous Plants
2061	**72.019**	BUFF ERMINE	Common	Herbaceous Plants
2063	**72.022**	MUSLIN MOTH	Common	Herbaceous Plants
2064	**72.024**	RUBY TIGER	Common	Herbaceous Plants
2089	**73.317**	HEART & DART	Common	Herbaceous plants
2091	**73.327**	DARK SWORD-GRASS	Migrant	Herbaceous Plants
2092	**73.325**	SHUTTLE-SHAPED DART	Common	Herbaceous Plants
2098	**73.328**	FLAME	Common	Herbaceous Plants
2102	**73.329**	FLAME SHOULDER	Common	Herbaceous Plants
2107	**73.342**	LARGE YELLOW UNDERWING	Common	Herbaceous Plants, Grasses
2109	**73.345**	LESSER YELLOW UNDERWING	Common	Herbaceous Plants
2110	**73.343**	BROAD-BORDERED YELLOW UNDERWING	Common	Herbaceous Plants
2111	**73.348**	LESSER BROAD-BORDERED YELLOW UNDERWING	Common	Herbaceous Plants
2112	**73.346**	LEAST YELLOW UNDERWING	Common	Herbaceous Plants
2114	**73.351**	DOUBLE DART	Common	Birch, Sallow, Blackthorn, Hawthorn & Herbaceous plants
2120	**73.333**	INGRAILED CLAY	Common	Herbaceous plants
2123	**73.334**	SMALL SQUARE-SPOT	Common	Herbaceous plants
2126	**73.359**	SETACEOUS HEBREW CHARACTER	Common	Herbaceous plants
2128	**73.361**	DOUBLE SQUARE-SPOT	Common	Herbaceous plants
2133	**73.358**	SIX-STRIPED RUSTIC	Common	Herbaceous plants
2134	**73.357**	SQUARE-SPOT RUSTIC	Common	Grasses
2150	**73.261**	GREY ARCHES	Common	Hazel, Oak, Honeysuckle, Birch, Sallow etc.
2158	**73.264**	PALE-SHOULDERED BROCADE	Common	Woody plants
2160	**73.267**	BRIGHT-LINE BROW-EYE	Common	Herbaceous plants
2178	**73.253**	FEATHERED GOTHIC	Common	Hard-bladed Grasses e.g. Mat-grass,Sheep's-fescue
2188	**73.242**	CLOUDED DRAB	Common	Deciduous Trees
2190	**73.249**	HEBREW CHARACTER	Common	Deciduous Trees & Shrubs
2192	**73.290**	BROWN-LINE BRIGHT-EYE	Common	Grasses
2193	**73.298**	CLAY	Common	Grasses
2198	**73.293**	SMOKY WAINSCOT	Common	Grasses
2199	**73.291**	COMMON WAINSCOT	Common	Grasses
2205	**73.301**	SHOULDER-STRIPED WAINSCOT	Common	Grasses
2227	**73.065**	SPRAWLER	Common	Broadleaved Trees
2236	**73.201**	PALE PINION	Local	Ash
2258	**73.194**	CHESTNUT	Common	Deciduous Trees & Shrubs
2259	**73.195**	DARK CHESTNUT	Common	Deciduous Trees
2262	**73.192**	BRICK	Common	Sallow,Aspen, Poplar, Ash, Wych Elm
2263	**73.189**	RED-LINE QUAKER	Common	Willow, Sallow
2269	**73.219**	CENTRE-BARRED SALLOW	Common	Ash
2270	**73.193**	LUNAR UNDERWING	Common	Grasses
2278	**73.046**	POPLAR GREY	Common	Willow, Sallow, Aspen
2283	**73.037**	DARK DAGGER	Common	Deciduous Trees & Shrubs
2284x	**73.038x**	Dark/Grey Dagger	Common	Deciduous Trees & Shrubs
2284	**73.038**	GREY DAGGER	Common	Deciduous Trees
2291	**73.047**	CORONET	Local	Ash, Wild Privet

B & F	New	Species	National Status	Foodplants
2297	**73.062**	COPPER UNDERWING	Common	Deciduous Trees & Shrubs
2299	**73.064**	MOUSE MOTH	Common	Elm, Hawthorn, Sallow, Herbaceous palnts
2302	**73.102**	BROWN RUSTIC	Common	Herbaceous plants
2303	**73.109**	STRAW UNDERWING	Common	Grasses
2306	**73.113**	ANGLE SHADES	Common	Herbaceous plants
2319	**73.217**	LUNAR-SPOTTED PINION	Local	Hawthorn, Blackthorn, Apple, Elm, Bullace
2321	**73.162**	DARK ARCHES	Common	Grasses
2322	**73.163**	LIGHT ARCHES	Common	Grasses
2326	**73.156**	CLOUDED-BORDERED BRINDLE	Common	Grasses
2327	**73.155**	CLOUDED BRINDLE	Common	Grasses
2330	**73.154**	DUSKY BROCADE	Common	Grasses
2331	**73.159**	SMALL CLOUDED BRINDLE	Common	Grasses
2333	**73.157**	LARGE NUTMEG	Local	Grasses
2334	**73.158**	RUSTIC SHOULDER-KNOT	Common	Grasses
2337x	**73.173x**	Marbled Minor agg.	Common	Grasses
2337	**73.173**	MARBLED MINOR	Common	Grasses
2340	**73.176**	MIDDLE-BARRED MINOR	Common	Grasses
2341	**73.172**	CLOAKED MINOR	Common	Grasses
2343x	**73.169x**	Common Rustic agg.	Common	Grasses
2345	**73.147**	SMALL DOTTED BUFF	Common	Tufted Hair-grass
2352	**73.120**	DUSKY SALLOW	Common	Grasses
2353	**73.131**	FLOUNCED RUSTIC	Common	Grasses
2361	**73.123**	ROSY RUSTIC	Common	Herbaceous plants
2380	**73.101**	TREBLE LINES	Common	Herbaceous plants
2381	**73.096**	UNCERTAIN	Common	Herbaceous Plants
2382	**73.097**	RUSTIC	Common	Herbaceous Plants
2384	**73.099**	VINE'S RUSTIC	Local	Herbaceous Plants
2387	**73.092**	MOTTLED RUSTIC	Common	Herbaceous Plants
2434	**73.012**	BURNISHED BRASS	Common	Herbaceous plants
2439	**73.022**	GOLD SPOT	Common	Grasses, Sedges, Yellow Iris
2441	**73.015**	SILVER Y	Migrant	Herbaceous plants
2442	**73.016**	BEAUTIFUL GOLDEN Y	Common	Herbaceous plants
2443	**73.017**	PLAIN GOLDEN Y	Common	Herbaceous plants
2450	**73.001**	SPECTACLE	Common	Common Nettle
2473	**72.069**	BEAUTIFUL HOOK-TIP	Local	Lichens
2474	**72.002**	STRAW DOT	Common	Grasses
2477	**72.003**	SNOUT	Common	Common Nettle
2492	**72.055**	SMALL FAN-FOOT	Common	Oak, Alder, Bramble, Small-leaved Lime



1386 (63.016) ***Anania fuscalis*** 23rd May, 2017
Another newly recorded species at Sun Rising

Appendix IV – Other Wildlife Recorded During Survey

Amphibian	Common Toad (*Bufo bufo*)	**1**	23rd May, 2017
Amphibian	Common Toad (*Bufo bufo*)	**1**	27th August, 2017
Amphibian	Smooth Newt (*Triturus vulgaris*)	**1**	23rd May, 2017
Beetle	Devil's Coachhorse (*Staphylinus olens*)	**1**	27th August, 2017
Beetle	Common Cockchafer (*Melolontha melolontha*)	**2**	23rd May, 2017
Beetle	*Nicrophorus humator*	**1**	23rd May, 2017
Beetle	*Nicrophorus humator*	**1**	14th June, 2017
Beetle	*Nicrophorus investigator*	**1**	27th August, 2017
Beetle	Harlequin Ladybird (*Harmonia axyridis*)	**1**	27th August, 2017
Bird	Barn Owl (*Tyto alba*)	**1**	14th June, 2017
Caddis	*(2 To be Confirmed)*	**2**	14th June, 2017
Caddis	Lunatic Caddis (*Limnephilus lunatus*)	**3**	14th November, 2017
Caddis	Grouse-wing Caddis (*Mystacides longicornis*)	**3**	14th June, 2017
Caddis	Grouse-wing Caddis (*Mystacides longicornis*)	**2**	27th August, 2017
Caddis	Cut-out Caddis (*Glyphotaelius pellucidus*)	**1**	27th August, 2017
Grasshopper	Lesser Marsh Grasshopper (*Chorthippus albomarginatus*)	**1**	27th August, 2017
Ichneumon	*Ichneumon Wasp (Amblyteles armatorius)*	**1**	14th November, 2017
Mammal	Brown Hare (*Lepus europaeus*)	**2**	27th August, 2017
Odonata	Common Darter (*Sympetrum striolatum*)	**1**	14th November, 2017
Shieldbug	Red-legged Shieldbug *(Pentatoma rifipes)*	**1**	27th August, 2017

Some Photos From Sun Rising 2017



161 (50.002) **Leopard Moth** (*Zeuzera pyrina*) 14th June, 2017



1765 (70.085) **Barred Yellow** (*Cidaria fulvata*) 14th June, 2017



1998 (71.007) **Poplar Kitten** (*Furcula bifida*) 14th June, 2017



1413 (62.075) **Gold Triangle** (*Hypsopygia costalis*) 18th July, 2017



2269 (73.219) **Centre-barred Sallow** (*Atethmia centrago*) 27th August, 2017



2361 (73.123) **Rosy Rustic** (*Hydraecia micacea*) 27th August, 2017



Common Darter (*Sympetrum striolatum*) 14th November, 2017 *(Photo: P. Smith)*