Sun Rising NBG Moth Survey 2014/5 - A Brief Review Of The First Year



Alan Prior

Table of Contents

Introduction 2

Visit 1 – 19th August,2014 2

Visit 2 – 9th April, 2015 2

Visit 3 – 21st May, 2015 3

Visit 4 – 9th June, 2015 4

Visit 5 – 27th June, 2015 4

Visit 6 – 7th July, 2015 5

Visit 7 – 11th August , 2015 5

Visit 8 – 10th September, 2015 6

Summary 6

Acknowledgements 6

Appendix I – Recording Details 7

Appendix II – The Complete List 2014/5 7

Appendix III – National Status & Foodplants 12

Appendix IV – Other Wildlife Recorded During Survey 17

Some Photos From Sun Rising 2014/5 18

Cover Photo: Poplar Hawk-moth (*Laothoe populi*) 7th July, 2015

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Sun Rising NBG Moth Surveys 2014/5

Introduction

Being asked to spend the night in a graveyard may appear to be some sort of spooky dare to many people. However, to a moth recorder it's just one of the mosaic of habitats within our landscape that we end up in. It was an invitation that I took up with enthusiasm, as it's location was in a terribly under recorded part of South Warwickshire. So, in mid-August 2014 my regular mothing partner Val and I were warmly met by Emma and David at Sun Rising. David gave us a tour of the 16 acres that was a farmer's field full of rye grass less than 10 years ago. The fledgling nature reserve had some potential with it being so rural and flanked by some nice mature hedgerows. After we set up one trap we were left to our own devices to get the sites moth recording underway…

Visit 1 – 19th August, 2014

The night proved to be a particularly cold one for mid-August and after a spectacular sunset the temperature plummeted rapidly. However, 26 species of moth were recorded during the 3½ hours that the lights were on. They included five newly recorded for the 10k square SP 34, within which Sun Rising is contained. They were ***Aspilapteryx tringipennella***, ***Cochylimorpha straminea*** and ***Agriphila inquinatella*** amongst the smaller moths and both **Common Rustic** (*Mesapamea secalis*) and **Vine's Rustic** (*Hoplodrina ambigua*) representing the larger ones.

With the first visit being successful despite the cold weather, a programme of regular moth recording would take place throughout 2015.

Visit 2 – 9th April, 2015

It proved to be another clear night for the first visit of the year, although it wasn't as cold as the previous August. I managed to persuade Peter, another moth recorder to join me, as Val was unavailable. Four traps were set up around the hedges to escape from the slight breeze. It was typical of April that the moths arrived in a slow, but steady stream. By the early hours eleven species had been recorded. They contained no surprises, but **Tawny Pinion** (*Lithophane semibrunnea*) can be a little elusive, so it was nice to find that one.



2235 (73.200) Tawny Pinion 9th April, 2015

Visit 3 – 21st May, 2015

Six weeks later and the same process was repeated. It was clear and cold early on, although some cloud did roll in by the end, which helped a little. A reasonable total of 29 species were found. A couple of the smaller moths were ***Pseudoswammerdamia combinella*** and ***Coleophora alcyonipennella***, whilst amongst the larger species were **Waved Umber** (*Menophra abruptaria*), **Lime Hawk-moth** (*Mimas tiliae*) and **Chocolate-tip** (*Clostera curtula*).



2019 (71.027) Chocolate-tip (*Clostera curtula*) 21st May, 2015

Visit 4 – 9th June, 2015

This was easily the most disappointing visit of the year. Having to scrape ice off the car windows before leaving for home is not something you would expect to be doing as the year approached mid June! However, that's what we faced as the temperature dipped below freezing. Naturally the moths weren't that keen in flying in such abject conditions and only 20 species were daft enough!



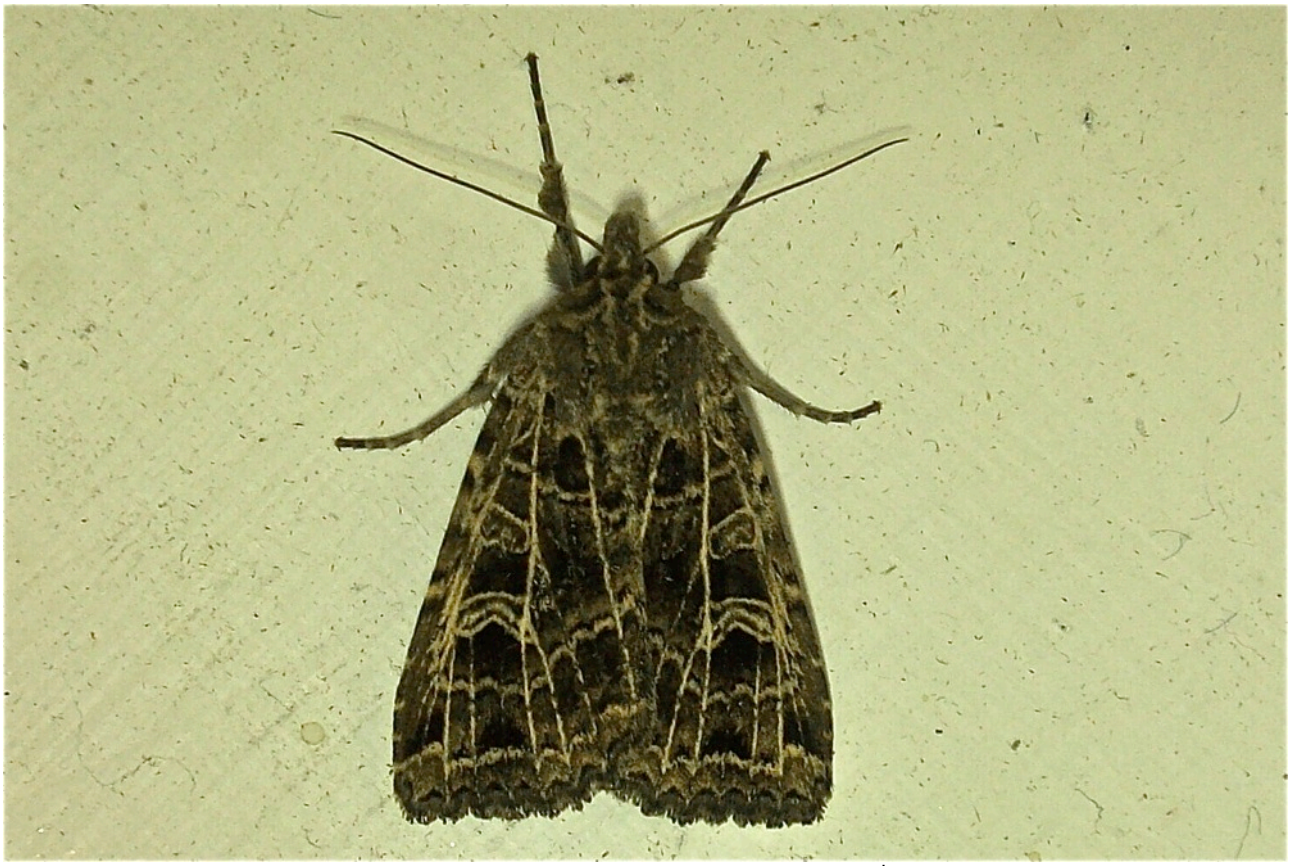
2061 (72.019) Buff Ermine (*Spilosoma luteum*) 9th June, 2015

Visit 5 – 27th June, 2015

The Warwickshire county macro moth recorder David Brown was the instigator of this visit. Three other moth enthusiasts joined him, which led to a total of eight traps being set up around the grounds. For the first time a session was done in reasonable temperatures and it showed, as almost a thousand moths were recorded representing 111 different species. Amongst the smaller moths were ***Parornix torquillella***, ***Luquetia lobella*** and **Brown China-mark** (*Elophila nymphaeata*). **Small Elephant Hawk-moth** (*Deilephila porcellus*), **Puss Moth** (*Cerura vinula*) and **Double Dart** (*Graphiphora augur)*) were a few of the larger moths recorded. However, the most apt for a site like Sun Rising were the **Ghost Moths** (*Hepialus humuli*)!!

Visit 6 – 7th July, 2015

A couple of weeks later Val, Peter and myself were back with three traps. We had a surprisingly good night as conditions improved markedly after the lights were switched on when clouds rolled in and the temperature went up by 3°C! Despite the nagging wind and intermittent drizzle, I was finally pleased to see plenty of moths and would be better able to gauge what potential this site had. We did even better than they had on the previous visit as we managed to record 127 species between us. Amongst them were ***Isotrias rectifasciana***, ***Epinotia signatana*** and the migrant moth **Rusty-dot Pearl** (*Udea ferrugalis*). Our largest resident species, **Privet Hawk-moth** (*Sphinx ligustri*) caused quite a stir as it fought it's way into Peter's trap! Some of the other larger moths recorded were **Brown-tail** (*Euproctis chrysorrhoea*), **Garden Tiger** (*Arctia caja*), **Gothic** (*Naenia typica*) and **Blackneck** (*Lygephila pastinum*).



2136 (73.368) Gothic (*Naenia typica*)) 7th July, 2015

Visit 7 – 11th August, 2015

A year after our first visit we returned to slightly better conditions, although it still got pretty cold due to the mainly clear skies. However, Val was kept entertained by the Perseid meteor shower going on overhead whilst over 700 moths representing 69 species arrived at the traps. So that was a decent return for not a perfect night for moth recording. We were pleased that Emma and David managed to get up early and join us as we emptied the last of the three traps. Amongst the moths recorded were ***Aproaerema anthyllidella***, ***Eucosma obumbratana***, **Sallow Kitten** (*Furcula furcula*), **Ruby Tiger** (*Phragmatobia fuliginosa*) and **Dusky Sallow** (*Eremobia ochroleuca*).

Visit 8 – 10th September, 2015

For the year official National Moth Night we visited Sun Rising along with Peter and Martin. So a total of six traps were set up and despite yet another clear and cool night we did pretty well. A total of 37 species of adult moth were recorded and Martin provided the expertise for identifying various leafmines and larvae to boost to total to 60 species for the night. It was also pleasing to be able to show off the moths to a few people to whom the site is special. Some of the adult moth species found were ***Dichrorampha acuminatana***, ***Catoptria falsella***, **Brown-spot Pinion** (*Agrochola litura*), **Centre-barred Sallow** (*Atethmia centrago*) and **Frosted Orange** (*Gortyna flavago*).



2434 (73.012) Burnished Brass (*Diachrysia chrysitis*) 11th September, 2015

Summary

The facts and figures for the eight visits are:-
35 traps set, over 45 hours worth of recording, an average overnight temperature of a chilly 7.5°C and 269 species of moth recorded.
It is all good baseline data for the site and we now have a starting reference point for continued future recording. 2015 was generally a poor year for moth recording due to persistent low overnight temperatures

Acknowledgements

I would like to thank Emma and David for their warm welcome and enthusiasm for recording the moths at Sun Rising. I would also like to thank Val Weston, Peter Beasley, Martin Kennard, Scott Hackett and David Brown for contributing greatly on the recording nights.

Appendix I – Recording Details

Visit	Date	Traps	Temp	Time	Species	Recorders
1	19th August, 2014	3	4.2°C	3h 30m	25	A. Prior/V. Weston
2	9th April, 2015	4	5.1°C	5h 15m	11	A. Prior/ P. Beasley
3	21st May, 2015	4	5.0°C	6h 40m	29	A. Prior/ P. Beasley
4	9th June, 2015	4	–0.3°C	5h 0m	20	A. Prior/ P. Beasley
5	27th June, 2015	8	13.0°C	4h 30m	112	D. Brown/M. Kennard/S. Hackett/J. Balls
6	7th July, 2015	3	10.6°C	6h 25m	127	A. Prior/V. Weston/P. Beasley
7	11th August, 2015	3	6.4°C	7h 15m	69	A. Prior/V. Weston
8	10th September, 2015	6	7.9°C	6h 30m	37	A. Prior/V. Weston/P. Beasley/M. Kennard
	TOTALS	35	7.5°C Avg.	45h 05m	269	

Appendix II – The Complete List For 2014/5

B & F	New	Species Name	1	2	3	4	5	6	7	8	TOTAL	Comment
5	1.005	*Micropterix calthella*			20						20	
14	3.005	Ghost Moth					36	3			39	
15	3.001	Orange Swift	5						1	1	7	
17	3.002	Common Swift					5				5	
40	4.071	*Bohemannia pulverosella*								*5	0	Mines
67	4.042	*Stigmella plagicolella*								*2	0	Mines
79	4.054	*Stigmella perpygmaeella*								*3	0	Mines
95	4.019	*Stigmella viscerella*								*1	0	Mine
97	4.013	*Stigmella malella*								*3	0	Mines
99	4.030	*Stigmella hybnerella*								*7	0	Mines
260	21.008	*Leucoptera malifoliella*								*5	0	Mines
263	21.001	Apple Leaf Miner								*10	0	Mines
288	15.010	*Caloptilia stigmatella*								*1	0	Mine
294	15.015	*Aspilapteryx tringipennella*	1		4						5	
303	15.028	*Parornix anglicella*								*10	0	Mines
308	15.032	*Parornix finitimella*							1	*1	1	1m Gen. Det. AP/Mine
309	15.033	*Parornix torquillella*					1				1	1f Gen. Det. MK
323	15.043	*Phyllonorycter oxyacanthae*								*10	0	Mines
326	15.046	*Phyllonorycter blancardella*								*2	0	Mines
329	15.049	*Phyllonorycter spinicolella*								*2	0	Mines
332	15.052	*Phyllonorycter corylifoliella*								*3	0	Mines
342	15.064	*Phyllonorycter coryli*								*1	0	Mine
356	15.078	*Phyllonorycter tristrigella*								*2	0	Mines
389	48.007	Apple Leaf Skeletonizer								*1	0	Mine
391	19.007	*Glyphipterix simpliciella*			1						1	
424	16.001	*Yponomeuta evonymella*							1		1	
425	16.002	*Yponomeuta padella*							1		1	
436	16.014	*Pseudoswammerdamia combinella*			1						1	
441	16.020	*Paraswammerdamia nebulella*						1			1	1f Gen. Det. AP
455	17.005	*Ypsolopha scabrella*							1		1	
464	18.001	Diamond-back Moth			1		6	1			8	
495	37.016	*Coleophora spinella*								*1	0	Case
516	37.033	*Coleophora trifolii*						1			1	
517	37.035	*Coleophora alcyonipennella*			1						1	1m Gen. Det. AP
518	37.048	*Coleophora mayrella*						1			1	
519	37.046	*Coleophora deauratella*					3	1			4	4m Gen. Det. MK/AP

B & F	New	Species Name	1	2	3	4	5	6	7	8	TOTAL	Comment
606	**38.036**	*Elachista humilis*			2						**2**	
607	**38.037**	*Elachista canapennella*			2						**2**	1m Gen. Det. AP
642	**28.014**	*Crassa unitella*					2				**2**	
668	**32.003**	*Luquetia lobella*					1				**1**	
765	**35.141**	*Teleiodes vulgella*						1			**1**	
787	**35.040**	*Bryotropha terrella*						1	1		**2**	1m Gen. Det. AP
789	**35.038**	*Bryotropha domestica*					1				**1**	
819	**35.123**	*Scrobipalpa costella*					2				**2**	
843	**35.010**	*Aproaerema anthyllidella*							1		**1**	1m Gen. Det. AP
873	**41.002**	*Blastobasis adustella*							5	2	**7**	
874	**41.003**	*Blastobasis lacticolella*						2			**2**	
886	**40.002**	*Mompha ochraceella*					2	2			**4**	
905	**39.001**	*Blastodacna hellerella*					2	1			**3**	
936	**49.097**	*Cochylimorpha straminea*	5						4		**9**	
937	**49.109**	*Agapeta hamana*					4	2			**6**	
970	**49.025**	Barred Fruit-tree Tortrix					1	3			**4**	
977	**49.013**	Large Fruit-tree Tortrix					3				**3**	
986	**49.028**	*Syndemis musculana*			1						**1**	
989	**49.031**	Timothy Tortrix						1			**1**	
994	**49.038**	*Clepsis consimilana*						3			**3**	
1002	**49.029**	*Lozotaenia forsterana*						1			**1**	
1010	**49.004**	Red-barred Tortrix						2			**2**	
1014	**49.002**	*Isotrias rectifasciana*						1			**1**	1m Gen. Det. AP
1020x	**49.050x**	*Cnephasia sp.*						17			**17**	
1020	**49.050**	*Cnephasia stephensiana*					1				**1**	1m Gen. Det. MK
1021	**49.051**	*Cnephasia asseclana*					2				**2**	1m+1f Gen. Det. MK
1032	**49.060**	*Aleimma loeflingiana*					3				**3**	
1047	**49.073**	*Acleris schalleriana*						1			**1**	
1048	**49.077**	Garden Rose Tortrix								1	**1**	
1063	**49.161**	*Celypha striana*					1	23	11		**35**	
1076	**49.166**	*Celypha lacunana*					2	3	1	2	**8**	
1082	**49.157**	*Hedya pruniana*					3	3			**6**	
1083	**49.156**	*Hedya nubiferana*					4	6			**10**	
1097	**49.186**	*Endothenia gentianaeana*								*1	**0**	Larva
1115	**49.215**	*Ancylis achatana*						2			**2**	
1126	**49.214**	*Ancylis badiana*			1						**1**	
1136	**49.240**	*Epinotia immundana*								*1	**0**	Larva
1144	**49.237**	*Epinotia signatana*						3			**3**	2m (PB/CP) Gen. Det. AP
1159	**49.223**	*Rhopobota naevana*							1		**1**	
1174	**49.292**	*Notocelia cynosbatella*			1						**1**	
1175	**49.294**	Bramble Shoot Moth					2	2			**4**	
1176	**49.298**	*Notocelia trimaculana*					4	2			**6**	
1197	**49.269**	*Eucosma campoliliana*						1			**1**	
1200	**49.266**	*Eucosma hohenwartiana*					3	3			**6**	
1201	**49.265**	*Eucosma cana*					5	5			**10**	
1202	**49.264**	*Eucosma obumbratana*							1		**1**	1f Gen. Det. AP
1205	**49.224**	*Spilonota ocellana*						2	1		**3**	1f Gen. Det. AP
1260	**49.341**	*Cydia splendana*								1	**1**	
1279	**49.313**	*Dichrorampha acuminatana*								1	**1**	1m Gen. Det. MK
1293	**63.080**	*Chrysoteuchia culmella*					31	97	3		**131**	
1301	**63.086**	*Crambus lathoniellus*					4				**4**	
1302	**63.088**	*Crambus perlella*					1	4			**5**	1 f. warr(CP)
1304	**63.093**	*Agriphila straminella*	27						114		**141**	
1305	**63.089**	*Agriphila tristella*	8						160	10	**178**	
1306	**63.090**	*Agriphila inquinatella*	2								**2**	

B & F	New	Species Name	1	2	3	4	5	6	7	8	TOTAL	Comment
1316	63.102	*Catoptria falsella*							2	2	4	
1333	63.066	*Scoparia pyralella*						1			1	
1334	63.064	*Scoparia ambigualis*	1				5	1			7	
1338	63.067	*Eudonia lacustrata*						13			13	
1344	63.074	*Eudonia mercurella*					2		3		5	
1345	63.114	Brown China-mark					1				1	
1356	63.057	Garden Pebble								3	3	
1376	63.025	Small Magpie					2	4	1		7	
1388	63.033	*Udea lutealis*							4		4	
1390	63.034	*Udea prunalis*						1			1	
1392	63.037	*Udea olivalis*					2	2			4	
1395	63.031	Rusty-dot Pearl						1			1	
1398	63.052	Rush Veneer							2		2	
1405	63.038	Mother of Pearl						1		1	2	
1413	62.075	Gold Triangle					3				3	
1428	62.001	Bee Moth					2				2	
1439	62.035	*Acrobasis advenella*							1		1	
1470	62.048	*Euzophera pinguis*							1		1	
1474	62.065	*Ephestia unicolorella*					2				2	
1504	45.008	*Gillmeria pallidactyla*						1			1	
1632	66.002	PALE EGGAR	1							4	5	
1634	66.003	LACKEY					1	3			4	
1640	66.010	DRINKER					2	3	2		7	
1652	65.008	PEACH BLOSSOM					1				1	
1653	65.009	BUFF ARCHES					3	2			5	
1663	70.245	MARCH MOTH		7							7	
1669	70.305	COMMON EMERALD						3			3	
1682	70.029	BLOOD-VEIN					2	5			7	
1690	70.024	SMALL BLOOD-VEIN						1			1	
1702	70.013	SMALL FAN-FOOTED WAVE						2			2	
1708	70.011	SINGLE-DOTTED WAVE						2			2	
1711	70.012	TREBLE BROWN SPOT					2				2	
1713	70.016	RIBAND WAVE					12	4	1		17	
1727	70.054	SILVER-GROUND CARPET				8	10				18	
1728	70.049	GARDEN CARPET								1	1	
1732	70.045	SHADED BROAD-BAR						1	3		4	
1738	70.061	COMMON CARPET					2	1	1		4	
1742	70.059	YELLOW SHELL					1	1	1		3	
1746	70.066	SHOULDER STRIPE		1							1	
1747	70.067	STREAMER		1							1	
1752	70.087	PURPLE BAR					2				2	
1758	70.093	BARRED STRAW					5	14			19	
1759	70.094	SMALL PHOENIX								1	1	
1764	70.097	COMMON MARBLED CARPET				1	2			2	5	
1765	70.085	BARRED YELLOW					5	3			8	
1776	70.100	GREEN CARPET	1		2					2	5	
1803	70.133	SMALL RIVULET					3				3	
1819	70.184	MOTTLED PUG				2					2	
1825	70.173	LIME-SPECK PUG						1			1	
1832	70.182	CURRANT PUG			1						1	1m Gen. Det. AP
1834	70.183	COMMON PUG					3				3	
1837	70.190	GREY PUG				1	4	1			6	2m Gen. Det. AP
1853	70.157	OAK-TREE PUG			2						2	
1858	70.142	V-PUG						2			2	
1860	70.144	GREEN PUG					6	7			13	

B & F	New	Species Name	1	2	3	4	5	6	7	8	TOTAL	Comment
1876	70.114	SMALL YELLOW WAVE					2	1			3	
1884	70.205	MAGPIE MOTH							4	3	7	
1887	70.207	CLOUDED BORDER						2			2	
1894	70.218	LATTICED HEATH						1			1	
1904	70.224	SCORCHED WING					2				2	
1906	70.226	BRIMSTONE MOTH	5		9		19	9	4	8	54	
1913	70.234	CANARY-SHOULDERED THORN	1							1	2	
1914	70.235	DUSKY THORN							1	4	5	
1917	70.237	EARLY THORN		2							2	
1921	70.241	SCALLOPED OAK						2			2	
1922	70.243	SWALLOW-TAILED MOTH						8			8	
1931	70.252	PEPPERED MOTH					2		1		3	
1936	70.257	WAVED UMBER			1						1	
1937	70.258	WILLOW BEAUTY					14	3	3		20	
1941	70.265	MOTTLED BEAUTY					33	4	1		38	
1955	70.277	COMMON WHITE WAVE						2			2	
1956	70.278	COMMON WAVE					2	1		*1	3	Larva
1958	70.280	CLOUDED SILVER					10	5			15	
1961	70.283	LIGHT EMERALD					10	3			13	
1976	69.006	PRIVET HAWK-MOTH						1			1	
1979	69.001	LIME HAWK-MOTH			1						1	
1980	69.002	EYED HAWK-MOTH								*1	0	Larva
1981	69.003	POPLAR HAWK-MOTH			3	1	1	5	1		11	
1991	69.016	ELEPHANT HAWK-MOTH					6	4			10	
1992	69.017	SMALL ELEPHANT HAWK-MOTH					2				2	
1994	71.025	BUFF-TIP					1	3			4	
1995	71.003	PUSS MOTH					1				1	
1997	71.005	SALLOW KITTEN							1		1	
2003	71.013	PEBBLE PROMINENT			1				2		3	
2006	71.018	LESSER SWALLOW PROMINENT							1		1	
2007	71.017	SWALLOW PROMINENT	1					1			2	
2008	71.021	COXCOMB PROMINENT							1		1	
2011	71.020	PALE PROMINENT					3		1		4	
2019	71.027	CHOCOLATE-TIP			1						1	
2028	72.015	PALE TUSSOCK					1				1	
2029	72.012	BROWN-TAIL						1			1	
2030	72.013	YELLOW-TAIL						1	4		5	
2031	72.009	WHITE SATIN						1			1	
2038	72.036	MUSLIN FOOTMAN					1				1	
2044	72.044	DINGY FOOTMAN							2		2	
2050	72.045	COMMON FOOTMAN						5	1		6	
2057	72.026	GARDEN TIGER					1	2			3	
2060	72.020	WHITE ERMINE			1	1	13				15	
2061	72.019	BUFF ERMINE			1	2		2			5	
2064	72.024	RUBY TIGER							2		2	
2077	74.003	SHORT-CLOAKED MOTH						3			3	
2088	73.320	HEART & CLUB						1			1	
2089	73.317	HEART & DART					166	121	1		288	
2098	73.328	FLAME					14	10			24	
2102	73.329	FLAME SHOULDER	15		14	6	21	6	35	4	101	
2107	73.342	LARGE YELLOW UNDERWING	8			1	21	21	19	26	96	
2109	73.345	LESSER YELLOW UNDERWING							19	5	24	
2110	73.343	BROAD-BORDERED YELLOW UNDERWING							3	5	8	
2111	73.348	LESSER BROAD-BORDERED YELLOW UNDERWING							56		56	
2112	73.346	LEAST YELLOW UNDERWING							1		1	

B & F	New	Species Name	1	2	3	4	5	6	7	8	TOTAL	Comment
2114	73.351	DOUBLE DART					7	2			9	
2120	73.333	INGRAILED CLAY				1					1	
2123	73.334	SMALL SQUARE-SPOT	4		3	48	20		5	31	111	
2126	73.359	SETACEOUS HEBREW CHARACTER	19		1	3	7	4		27	61	
2128	73.361	DOUBLE SQUARE-SPOT					15				15	
2133	73.358	SIX-STRIPED RUSTIC	9						39		48	
2134	73.357	SQUARE-SPOT RUSTIC	8						3	169	180	
2136	73.368	GOTHIC						1			1	
2145	73.255	NUTMEG					1				1	
2147	73.273	SHEARS				1					1	
2160	73.267	BRIGHT-LINE BROWN-EYE					6	10			16	
2163	73.271	BROOM MOTH						1			1	
2173	73.281	LYCHNIS				1					1	
2182	73.245	SMALL QUAKER		2							2	
2186	73.247	POWDERED QUAKER		1							1	
2187	73.244	COMMON QUAKER		9							9	
2188	73.242	CLOUDED DRAB		17	3						20	
2189	73.250	TWIN-SPOTTED QUAKER		1							1	
2190	73.249	HEBREW CHARACTER		15	7	1					23	
2192	73.290	BROWN-LINE BRIGHT-EYE						11	9		20	
2193	73.298	CLAY					7	11	5		23	
2198	73.293	SMOKY WAINSCOT					10	38	5		53	
2199	73.291	COMMON WAINSCOT	1			1	5	5		3	15	
2205	73.301	SHOULDER-STRIPED WAINSCOT					15	3			18	
2235	73.200	TAWNY PINION		1							1	
2266	73.187	BROWN-SPOT PINION								1	1	
2269	73.219	CENTRE-BARRED SALLOW								8	8	
2270	73.193	LUNAR UNDERWING								3	3	
2278	73.046	POPLAR GREY					1	1			2	
2283	73.037	DARK DAGGER						1			1	1m Gen. Det. AP
2284x	73.038x	Dark/Grey Dagger					3	1			4	
2291	73.047	CORONET					1	2			3	
2298	73.063	SVENSSON'S COPPER UNDERWING							1		1	
2299	73.064	MOUSE MOTH							2		2	
2302	73.102	BROWN RUSTIC				2	10				12	
2303	73.109	STRAW UNDERWING							2		2	
2306	73.113	ANGLE SHADES				2	2	1		3	8	
2314	73.222	DINGY SHEARS							1		1	
2321	73.162	DARK ARCHES	1				26	71	48		146	
2322	73.163	LIGHT ARCHES					7	20			27	
2326	73.156	CLOUDED-BORDERED BRINDLE			2	1	2				5	
2327	73.155	CLOUDED BRINDLE					3				3	
2330	73.154	DUSKY BROCADE					5	1			6	
2333	73.157	LARGE NUTMEG					21	1			22	
2334	73.158	RUSTIC SHOULDER-KNOT			3	9					12	
2337x	73.173x	Marbled Minor agg.					108	11			119	
2338	73.175	RUFOUS MINOR						1			1	1m Gen. Det. AP
2340	73.176	MIDDLE-BARRED MINOR					14				14	
2343x	73.169x	Common Rustic agg.	1						96		97	
2343	73.169	COMMON RUSTIC	1						2		3	1m2f Gen. Det. AP/MK
2343a	73.170	LESSER COMMON RUSTIC						1			1	1m Gen. Det. AP
2345	73.147	SMALL DOTTED BUFF						1			1	
2352	73.120	DUSKY SALLOW							7		7	
2353	73.131	FLOUNCED RUSTIC	1						5	16	22	
2361	73.123	ROSY RUSTIC	1						3	1	5	

B & F	New	Species Name	1	2	3	4	5	6	7	8	TOTAL	Comment
2364	73.121	FROSTED ORANGE								1	1	
2381	73.096	UNCERTAIN					10	25	4		39	
2382	73.097	RUSTIC						15	2		17	
2384	73.099	VINE'S RUSTIC	1								1	
2385	73.087	SMALL MOTTLED WILLOW						2		1	3	
2387	73.092	MOTTLED RUSTIC						4			4	
2434	73.012	BURNISHED BRASS					2	10		1	13	
2441	73.015	SILVER Y					1				1	
2442	73.016	BEAUTIFUL GOLDEN Y					6	1			7	
2443	73.017	PLAIN GOLDEN Y					4	3			7	
2450	73.001	SPECTACLE					2	3			5	
2466	72.063	BLACKNECK						1			1	
2473	72.069	BEAUTIFUL HOOK-TIP					3	7			10	
2474	72.002	STRAW DOT	2				25	3		3	33	
2477	72.003	SNOUT					5	14			19	
2489	72.053	FAN-FOOT					1	2			3	
2492	72.055	SMALL FAN-FOOT					1	1			2	
269			130	57	91	93	922	802	733	358	3186	

Appendix III – Status & Foodplants

B & F	New	Species Name	National Status	Foodplants
5	1.005	*Micropterix calthella*	Common	Pollen of Herbaceous Plants
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
40	4.071	*Bohemannia pulverosella*	Common	Apple
67	4.042	*Stigmella plagicolella*	Common	Blackthorn, Plum, Cherry
79	4.054	*Stigmella perpygmaeella*	Common	Hawthorn
95	4.019	*Stigmella viscerella*	Local	Elms
97	4.013	*Stigmella malella*	Local	Apple
99	4.030	*Stigmella hybnerella*	Common	Hawthorn, Rowan?
260	21.008	*Leucoptera malifoliella*	Common	Rosaceous Trees
263	21.001	Apple Leaf Miner	Common	Rosaceous Trees & Birch
288	15.010	*Caloptilia stigmatella*	Common	Willow, Poplar
294	15.015	*Aspilapteryx tringipennella*	Common	Ribwort Plantain
303	15.028	*Parornix anglicella*	Common	Hawthorn
308	15.032	*Parornix finitimella*	Common	Blackthorn
309	15.033	*Parornix torquillella*	Common	Blackthorn
323	15.043	*Phyllonorycter oxyacanthae*	Common	Hawthorn, Pear, Quince
326	15.046	*Phyllonorycter blancardella*	Common	Apple
329	15.049	*Phyllonorycter spinicolella*	Common	Blackthorn, Wild Plum
332	15.052	*Phyllonorycter corylifoliella*	Common	Rosaceous Trees & Shrubs
342	15.064	*Phyllonorycter coryli*	Common	Hazel
356	15.078	*Phyllonorycter tristrigella*	Common	Elm
389	48.007	Apple Leaf Skeletonizer	Local	Rosaceous Trees & Apple
391	19.007	*Glyphipterix simpliciella*	Common	Cock's-foot
424	16.001	*Yponomeuta evonymella*	Common	Bird-cherry
425	16.002	*Yponomeuta padella*	Common	Hawthorn, Blackthorn, Cherry
436	16.014	*Pseudoswammerdamia combinella*	Common	Blackthorn
441	16.020	*Paraswammerdamia nebulella*	Common	Hawthorn, Rowan
455	17.005	*Ypsolopha scabrella*	Common	Apple, Blackthorn, Cotoneaster

B & F	New	Species Name	National Status	Foodplants
464	18.001	Diamond-back Moth	Migrant	Brassicaceae
495	37.016	*Coleophora spinella*	Common	Rosaceous Trees & Bushes
516	37.033	*Coleophora trifolii*	Local	Melilot
517	37.035	*Coleophora alcyonipennella*	Local	White Clover
518	37.048	*Coleophora mayrella*	Common	White Clover
519	37.046	*Coleophora deauratella*	Local	Red Clover
606	38.036	*Elachista humilis*	Common	Grasses, Sedges
607	38.037	*Elachista canapennella*	Common	Grasses
642	28.014	*Crassa unitella*	Common	Dead Wood
668	32.003	*Luquetia lobella*	Local	Blackthorn
765	35.141	*Teleiodes vulgella*	Common	Blackthorn, Hawthorn
787	35.040	*Bryotropha terrella*	Common	Mosses, Grasses
789	35.038	*Bryotropha domestica*	Common	Mosses
819	35.123	*Scrobipalpa costella*	Common	Bittersweet
843	35.010	*Aproaerema anthyllidella*	Local	Kidney-vetch, Sanfoin, Clover
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
970	49.025	Barred Fruit-tree Tortrix	Common	Deciduous Trees & Bushes
977	49.013	Large Fruit-tree Tortrix	Common	Deciduous Trees & Bushes
986	49.028	*Syndemis musculana*	Common	Polyphagous
989	49.031	Timothy Tortrix	Common	Grasses, Herbaceous plants
994	49.038	*Clepsis consimilana*	Common	Polyphagous
1002	49.029	*Lozotaenia forsterana*	Common	Various Trees & Shrubs esp. Ivy
1010	49.004	Red-barred Tortrix	Common	Trees & Shrubs, Herbacous plants
1014	49.002	*Isotrias rectifasciana*	Local	Hawthorn, Elm
1020x	49.050x	*Cnephasia sp.*	–	–
1020	49.050	*Cnephasia stephensiana*	–	Herbaceous plants
1021	49.051	*Cnephasia asseclana*	–	Herbaceous plants
1032	49.060	*Aleimma loeflingiana*	Common	Oak, Hornbeam, Field Maple
1047	49.073	*Acleris schalleriana*	Local	Wayfaring-tree, Guelder-rose
1048	49.077	Garden Rose Tortrix	Common	Rosaceous 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	Rosaceous Trees & Shrubs
1097	49.186	*Endothenia gentianaeana*	Common	Teasel
1115	49.215	*Ancylis achatana*	Common	Blackthorn, Hawthorn etc.
1126	49.214	*Ancylis badiana*	Common	Pea, Vetch, Clover
1136	49.240	*Epinotia immundana*	Common	Birch, Alder
1144	49.237	*Epinotia signatana*	Local	Cherry, Blackthorn, Apple
1159	49.223	*Rhopobota naevana*	Common	Polyphagous
1174	49.292	*Notocelia cynosbatella*	Common	Rose, Bramble
1175	49.294	Bramble Shoot Moth	Common	Bramble
1176	49.298	*Notocelia trimaculana*	Common	Hawthorn
1197	49.269	*Eucosma campoliliana*	Common	Common Ragwort
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
1260	49.341	*Cydia splendana*	Common	Oak, Sweet Chestnut
1279	49.313	*Dichrorampha acuminatana*	Local	Yarrow, Tansy

B & F	New	Species Name	National Status	Foodplants
1293	63.080	*Chrysoteuchia culmella*	Common	Grasses
1301	63.086	*Crambus lathoniellus*	Common	Grasses esp. Wavy hair-grass
1302	63.088	*Crambus perlella*	Common	Grasses esp. hair-grass, fescue
1304	63.093	*Agriphila straminella*	Common	Grasses
1305	63.089	*Agriphila tristella*	Common	Grasses esp. hair-grass, meadow-grass
1306	63.090	*Agriphila inquinatella*	Common	Grasses esp. sheep's-fescue
1316	63.102	*Catoptria falsella*	Common	Mosses
1333	63.066	*Scoparia pyralella*	Common	Decaying vegetation & roots
1334	63.064	*Scoparia ambigualis*	Common	Mosses & Lichens
1338	63.067	*Eudonia lacustrata*	Common	Mosses
1344	63.074	*Eudonia mercurella*	Common	Mosses
1345	63.114	Brown China-mark	Common	Pondweed
1356	63.057	Garden Pebble	Common	Cabbage, Raddish
1376	63.025	Small Magpie	Common	Common Nettle
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
1398	63.052	Rush Veneer	Migrant	Clover, Knotgrass & other Grasses
1405	63.038	Mother of Pearl	Common	Common Nettle
1413	62.075	Gold Triangle	Common	Dried Vegetable matter
1428	62.001	Bee Moth	Common	Honeycomb in Bees nests
1439	62.035	*Acrobasis advenella*	Common	Hawthorn, Rowan
1470	62.048	*Euzophera pinguis*	Common	Ash
1474	62.065	*Ephestia unicolorella*	Local	Dead Ivy etc.
1504	45.008	*Gillmeria pallidactyla*	Common	Yarrow, Tansy?
1632	66.002	PALE EGGAR	Common	Oak, Birch, Sallow, Blackthorn, Hawthorn, Hazel etc.
1634	66.003	LACKEY	Common	Deciduous Trees & Shrubs
1640	66.010	DRINKER	Common	Grasses
1652	65.008	PEACH BLOSSOM	Common	Peach Blossom
1653	65.009	BUFF ARCHES	Common	Brambles
1663	70.245	MARCH MOTH	Common	Deciduous Trees
1669	70.305	COMMON EMERALD	Common	Deciduous Trees & Shrubs
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
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
1727	70.054	SILVER-GROUND CARPET	Common	Low Growing Plants
1728	70.049	GARDEN CARPET	Common	Herbaceous Plants
1732	70.045	SHADED BROAD-BAR	Common	Vetches, Clovers
1738	70.061	COMMON CARPET	Common	Bedstraws
1742	70.059	YELLOW SHELL	Common	Low Growing Plants
1746	70.066	SHOULDER STRIPE	Common	Rosaceous plants
1747	70.067	STREAMER	Common	Rosaceous plants
1752	70.087	PURPLE BAR	Common	Bedstraws
1758	70.093	BARRED STRAW	Common	Bedstraws
1759	70.094	SMALL PHOENIX	Common	Willowherbs
1764	70.097	COMMON MARBLED CARPET	Common	Deciduous Trees & Shrubs
1765	70.085	BARRED YELLOW	Common	Rosaceous plants
1776	70.100	GREEN CARPET	Common	Bedstraws
1803	70.133	SMALL RIVULET	Common	Hemp-nettle
1819	70.184	MOTTLED PUG	Common	Oak, Hawthorn, Blackthorn
1825	70.173	LIME-SPECK PUG	Common	Low Growing Plants

B & F	New	Species Name	National Status	Foodplants
1832	70.182	CURRANT PUG	Common	Black & Red Currant, Hop
1834	70.183	COMMON PUG	Common	Deciduous Trees & Shrubs, Herbaceous plants
1837	70.190	GREY PUG	Common	Herbaceous plants, Broadleaved Shrubs
1853	70.157	OAK-TREE PUG	Common	Oak, Hawthorn
1858	70.142	V-PUG	Common	Blackthorn
1860	70.144	GREEN PUG	Common	Hawthorn, Blackthorn, Crab-apple
1876	70.114	SMALL YELLOW WAVE	Common	Alder, Field Maple, Sycamore
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
1931	70.252	PEPPERED MOTH	Common	Deciduous Trees & Shrubs, Herbaceous plants
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
1955	70.277	COMMON WHITE WAVE	Common	Birch, Alder, Sallow
1956	70.278	COMMON WAVE	Common	Willow, Sallow, Aspen, Poplar
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
1979	69.001	LIME HAWK-MOTH	Common	Birch, Alder, Lime, Elm
1980	69.002	EYED HAWK-MOTH	Common	Willow, Sallow, Apple
1981	69.003	POPLAR HAWK-MOTH	Common	Willow, Sallow, Aspen, Poplar
1991	69.016	ELEPHANT HAWK-MOTH	Common	Willowherbs, Himalayan Balsam, Bedstraws, Fuschia
1992	69.017	SMALL ELEPHANT HAWK-MOTH	Local	Bedstraws
1994	71.025	BUFF-TIP	Common	Deciduous Trees & Shrubs
1995	71.003	PUSS MOTH	Common	Willow, Sallow, Aspen, Poplar
1997	71.005	SALLOW KITTEN	Common	Willow, Sallow, Aspen, Poplar
2003	71.013	PEBBLE PROMINENT	Common	Willow, Sallow, Aspen, Poplar
2006	71.018	LESSER SWALLOW PROMINENT	Common	Birch
2007	71.017	SWALLOW PROMINENT	Common	Willow, Sallow, Aspen, Poplar
2008	71.021	COXCOMB PROMINENT	Common	Deciduous Trees
2011	71.020	PALE PROMINENT	Common	Willow, Sallow, Aspen, Poplar
2019	71.027	CHOCOLATE-TIP	Local	Willow, Sallow, Aspen, Poplar
2028	72.015	PALE TUSSOCK	Common	Deciduous Trees & Shrubs
2029	72.012	BROWN-TAIL	Local	Deciduous Trees & Shrubs
2030	72.013	YELLOW-TAIL	Common	Willow, Sallow, Aspen, Poplar
2031	72.009	WHITE SATIN	Local	Deciduous Trees (mainly Oak) & Shrubs
2038	72.036	MUSLIN FOOTMAN	Local	Lichens
2044	72.044	DINGY FOOTMAN	Common	Lichens
2050	72.045	COMMON FOOTMAN	Common	Lichens
2057	72.026	GARDEN TIGER	Common	Herbaceous Plants
2060	72.020	WHITE ERMINE	Common	Herbaceous Plants
2061	72.019	BUFF ERMINE	Common	Herbaceous Plants
2064	72.024	RUBY TIGER	Common	Herbaceous Plants
2077	74.003	SHORT-CLOAKED MOTH	Common	Hawthorn, Blackthorn, Crab Apple, Plum
2088	73.320	HEART & CLUB	Common	Herbaceous plants
2089	73.317	HEART & DART	Common	Herbaceous plants
2098	73.328	FLAME	Common	Herbaceous Plants

B & F	New	Species Name	National Status	Foodplants
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 Pl.
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
2136	73.368	GOTHIC	Local	Herbaceous plants
2145	73.255	NUTMEG	Common	Herbaceous plants
2147	73.273	SHEARS	Common	Herbaceous plants
2160	73.267	BRIGHT-LINE BROWN-EYE	Common	Herbaceous plants
2163	73.271	BROOM MOTH	Common	Herbaceous plants
2173	73.281	LYCHNIS	Common	Campions, Sweet-William
2182	73.245	SMALL QUAKER	Common	Oak, Sallow etc.
2186	73.247	POWDERED QUAKER	Common	Willow, Blackthorn, Black Poplar, Herbaceous plants
2187	73.244	COMMON QUAKER	Common	Deciduous Trees
2188	73.242	CLOUDED DRAB	Common	Deciduous Trees
2189	73.250	TWIN-SPOTTED QUAKER	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
2235	73.200	TAWNY PINION	Local	Ash
2266	73.187	BROWN-SPOT PINION	Common	Dock, Common Sorrel, Chickweed, Herbaceous plants
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
2291	73.047	CORONET	Local	Ash, Wild Privet
2298	73.063	SVENSSON'S COPPER UNDERWING	Common	Deciduous Trees
2299	73.064	MOUSE MOTH	Common	Elm, Hawthorn, Sallow, Herbaceous plants
2302	73.102	BROWN RUSTIC	Common	Herbaceous plants
2303	73.109	STRAW UNDERWING	Common	Grasses
2306	73.113	ANGLE SHADES	Common	Herbaceous plants
2314	73.222	DINGY SHEARS	Local	Willow, Sallow, Poplar
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
2333	73.157	LARGE NUTMEG	Local	Grasses
2334	73.158	RUSTIC SHOULDER-KNOT	Common	Grasses
2337x	73.173x	Marbled Minor agg.	Common	Grasses
2338	73.175	RUFOUS MINOR	Local	Grasses
2340	73.176	MIDDLE-BARRED MINOR	Common	Grasses
2343x	73.169x	Common Rustic agg.	Common	Grasses

B & F	New	Species Name	National Status	Foodplants
2343	73.169	COMMON RUSTIC	Common	Grasses
2343a	73.170	LESSER COMMON RUSTIC	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
2364	73.121	FROSTED ORANGE	Common	Thistle, Burdock, Hemp-agrimony, Nettles etc.
2381	73.096	UNCERTAIN	Common	Herbaceous Plants
2382	73.097	RUSTIC	Common	Herbaceous Plants
2384	73.099	VINE'S RUSTIC	Local	Herbaceous Plants
2385	73.087	SMALL MOTTLED WILLOW	Migrant	Herbaceous Plants
2387	73.092	MOTTLED RUSTIC	Common	Herbaceous Plants
2434	73.012	BURNISHED BRASS	Common	Herbaceous plants
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
2466	72.063	BLACKNECK	Local	Tufted Vetch
2473	72.069	BEAUTIFUL HOOK-TIP	Local	Lichens
2474	72.002	STRAW DOT	Common	Grasses
2477	72.003	SNOUT	Common	Common Nettle
2489	72.053	FAN-FOOT	Common	Withered Leaves of Deciduous Trees
2492	72.055	SMALL FAN-FOOT	Common	Oak, Alder, Bramble, Small-leaved Lime

Appendix IV – Other Wildlife Recorded During Survey

Bird	Little Owl (*Athene noctua*)	**1**	9th June, 2015
Beetle	*Aphodius rufipes*	**1**	19th August, 2014
Beetle	Common Cockchafer *(Melolontha melolontha)*	**6**	21st May, 2015
Beetle	Viburnum Beetle (*Pyrrhalta viburni*)	**1**	10th September, 2015
Beetle	*Nicrophorus humator*	**1**	7th July, 2015
Beetle	Whirligig Beetle (*Gyrinus substriatus*)	**1**	11th August, 2015
Caddis	Mottled Sedge (*Glyphotaelius pellucidus*)	**1**	7th July, 2015
Caddis	Speckled Peter (*Agrypnia varia*)	**1**	11th August, 2015
Caddis	*Stenophylax permistus*	**2**	10th September, 2015
Caddis	Lunatic Caddis (*Limnephilus lunatus*)	**4**	10th September, 2015
Caddis	Grouse-wing Caddis (*Mystacides longicornis*)	**2**	10th September, 2015

Some Photos From Sun Rising 2015



1197 (49.269) *Eucosma campoliliana* 7th July, 2015



1316 (63.102) *Catoptria falsella* 10th September, 2015



1640 (66.010) Drinker (*Polyploca ridens*) 11th August, 2015



1884 (70.205) Magpie Moth (*Abraxas grossulariata*) 11th August, 2015



1976 (69.006) Privet Hawk-moth (*Sphinx ligustri*) 7th July, 2015



2057 (72.026) Garden Tiger (*Arctia caja*) 7th July, 2015



2269 (73.219) Centre-barred Sallow (*Atethmia centrago*) 10th September, 2015



2364 (73.121) Frosted Orange (*Orthosia gothica*) 10th September, 2015



2443 (73.017) Plain Golden Y (*Autographa jota*) 7th July, 2015



Common Cockchafer (*Melolontha melolontha*) 21st May, 2015