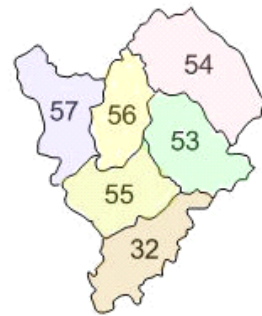


GARDEN MOTH SCHEME 2015
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Silver Y *Autographa gamma*
Simon Roddis

**GARDEN MOTH SCHEME 2015
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INTRODUCTION

I would like to thank all of the 31 recorders who have sent in their record sheets up to the end of week 27. These have been forwarded to Evan Lynn for analysis along with all the other regions' GMS records which will be reported in the next GMS Newsletter edited by Norman Lowe. In the meantime I would like to give you some reasonably immediate feedback on the East Midlands records as received. There appears to have been an abundance of Large Yellow Underwings!

On a general point it has been pointed out to me by some recorders that they have been experiencing some frustrations with filling in the record sheet due to spurious flagging of errors relating to flight periods etc. This issue has been raised with Mike Cook, the developer of the form who is looking into the reasons behind this problem- if anyone is experiencing problems please get in touch with me highlighting any specific issues as we don't want to put off recorders participating in GMS due to software issues!

Finally I would like to express my thanks again to Simon Roddis, for his permission to use some of his photographs within the report. His photo of a Silver Y on the front of this report is truly stunning!



Chinese Character *Cilix glaucata*

Simon Roddis

EAST MIDLANDS REGION DATA OVERVIEW

Q3 Records Summary

The data in Table 1 below compares records from Q3 in 2015 with those from the same period since 2009. Both the number of species and the average number of moths recorded are higher than previous years. As stated in the Q2 report there has been some tweaking to the species list which somewhat skews these comparisons.

These data are graphically shown in Figures 1 & 2 below:

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	2009	2010	2011	2012	2013	2014	2015
No. Recorders	19	21	24	29	33	33	31
No. Recording Nights	150	173	204	236	274	273	258
No. Species Recorded	169	187	198	199	218	207	224
No. Moths	9,116	9,611	13,886	17,251	32,773	21,992	32,480
Ave Moths per Recording Night	60.8	55.6	68.1	73.1	119.6	80.6	125.8

Table 1: Summary of Weeks 19 to 27 for all GMS Records for 2009 thru 2015

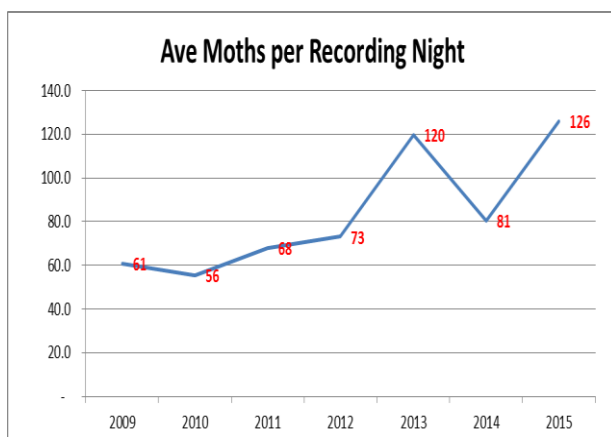


Figure 1

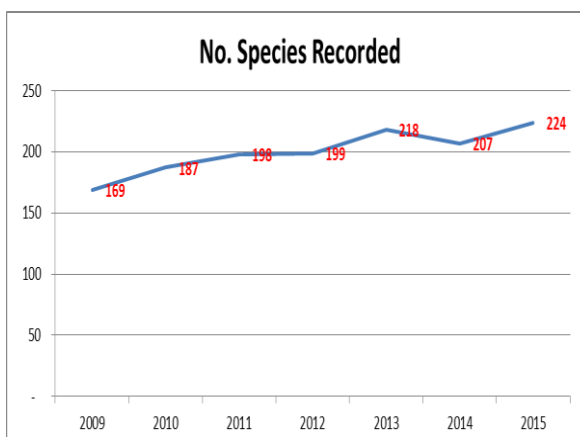


Figure 2

Figures 1 & 2: Summary of Weeks 19 to 27 for all GMS Records for 2009 thru 2015

A significant change that impacts on the total number of moths is the addition this year of the Rustic/Uncertain aggregate to the species, of which just over 1,000 were recorded in 2015 during weeks 19 to 27. Taking these additional moths into account would bring the average number of moths recorded down from 126 to 112. However, it should be noted that there have been a very high numbers of Large Yellow Underwings reported during weeks 19 to 27. This reflects my experience in my Nottingham garden where I have consistently recorded very large numbers this year, in fact the highest since I started trapping over 10 years ago!

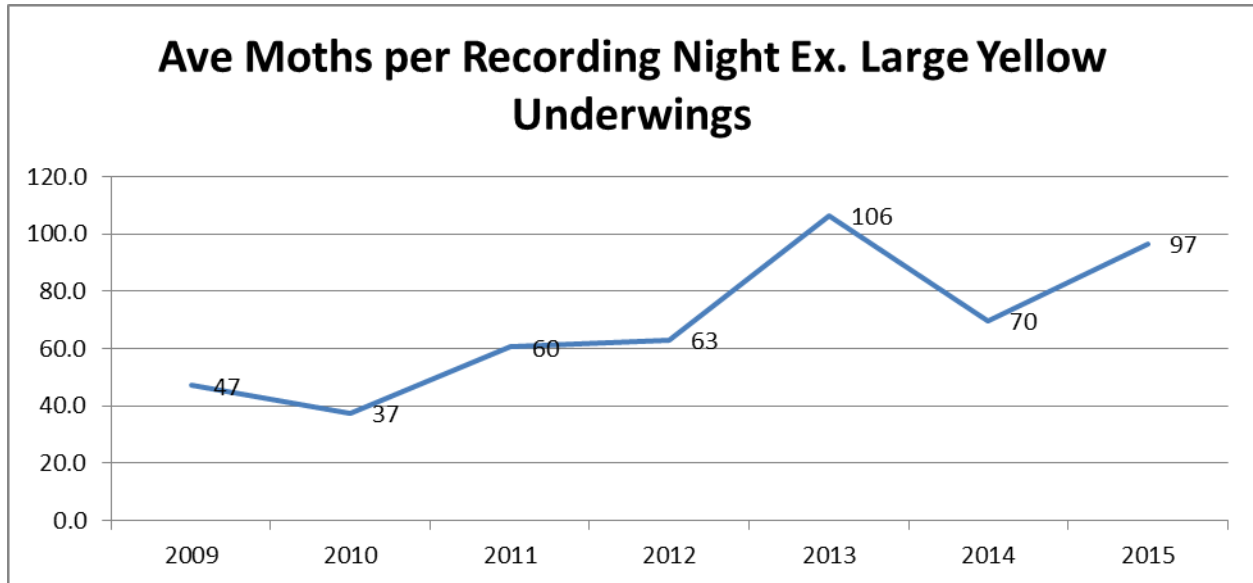
Table 2 below shows the comparison of the records of Large Yellow Underwings for weeks 19 to 27 for 2009 to 2015. This year 23% of all moths recorded by GMS East Midlands recorders were Large Yellow Underwings which is significantly higher than the previous 4 years. It appears that conditions in late 2014 and into 2015 have been favorable for the overwintering Large Yellow Underwing larvae and pupae. It will be interesting to see if this increase has occurred elsewhere in other recording regions.

	2009	2010	2011	2012	2013	2014	2015
TOTAL LYUWs	2,038	2,909	1,548	2,355	3,632	2,996	7,539
TOTAL RECORDING NIGHTS	150	179	204	236	274	273	258
AVE LYUWs/RECORDING NIGHT	14	16	8	10	13	11	29
% OF TOTAL MOTHS AS LYUWs	22%	30%	11%	14%	11%	14%	23%

Table 2: Summary of Weeks 19 to 27 for Large Yellow Underwings for 2009 thru 2015

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Figure 3 trends the average number of moths per recording night excluding Large Yellow Underwings for 2009 to 2015 for Weeks 19 to 27. It can be seen that the trend is still very similar to that in Figure 1. There has been a definite increase in garden moths other than Large Yellow Underwings recorded in Q3 compared to 2014 and is similar to the “peak” year of 2013, which is good news for garden moths.



Figures 3: Summary of Weeks 19 to 27 excluding Large Yellow Underwings

It is always difficult to compare the number of species recorded as for a number of species there are a number of species where there are only a small number of moths recorded in a small number of gardens. During 2015 there were 40 species where 5 or less moths were recorded per species (See Appendix 2).



Chocolate-tip *Clostera curtula*
Simon Roddis

**GARDEN MOTH SCHEME 2015
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Top 20 Species for 2015 Q3

A comparison of the Top 20 species recorded during weeks 19 to 27 for 2015 compared to previous years is presented below in Table 3. The “usual suspects” are in the Top Twenty for 2015 as would be expected with the inclusion of the newly recorded Uncertain/Rustic agg. It can be seen that this year the recording rate of Common Rustic agg is significantly higher than in previous years.

Interestingly the grass moth *Agriphila geniculea* appears in the Top 20; this is a species I tend to think of as late Summer/Autumn species. On looking at the records in more detail, 85% were recorded in the last three weeks of the period, and it is a species that was only recorded by around 50% of EM recorders. The reason for this increase is not clear with such limited data and again will be interesting to see if this is reflected in other regions.

Comparing the garden moth data accumulated over the years highlights that there are many variables which impact on the number and types of moths recorded in any period within any year. Hopefully, the impact of these many variables on moth numbers and species will be investigated further by researchers using the data accumulated from the records that you as GMS recorders submit. Your continuing support to the GMS is very much appreciated and will ensure that this data is available within the expanding GMS database.



**Barred Chestnut *Diarsia dahlia*
Simon Roddis**

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2015		2014		2013		2012		2011		2010	
Large Yellow Underwing	25.0	Large Yellow Underwing	10.5	Large Yellow Underwing	13.35	Large Yellow Underwing	9.7	Large Yellow Underwing	7.4	Large Yellow Underwing	9.82
Common Rustic agg.	8.6	Dark Arches	5.2	Dark Arches	7.93	Dark Arches	6.9	Dark Arches	6.1	Dark Arches	2.70
Dark Arches	5.6	Common Rustic agg.	4.5	Riband Wave	5.02	Common Rustic agg.	4.5	Common Rustic agg.	4.1	Set. Hebrew Character	2.66
Heart and Dart	3.9	Riband Wave	3.9	Common Rustic agg.	4.54	Garden Grass-veneer	4.4	Square-spot Rustic	3.9	Common Rustic agg.	1.75
Garden Grass-veneer	3.6	Garden Grass-veneer	3.1	Heart & Dart	4.01	Riband Wave	4.2	Set. Hebrew Character	3.2	Lesser Broad-bord'd Yellow U/W	1.46
Uncertain/Rustic agg.	3.6	Heart & Dart	3.0	Square-spot Rustic	3.79	Heart & Dart	2.8	Lesser Broad-bord'd Yellow U/W	2.6	Riband Wave	1.22
Riband Wave	3.2	Marbled Beauty	2.3	Lesser Broad-bord'd Yellow U/W	3.42	Common Footman	2.6	Heart & Dart	2.6	Square-spot Rustic	1.16
Agriphila tristella	2.9	Lesser Broad-bord'd Yellow U/W	2.2	Garden Grass-veneer	3.07	Willow Beauty	2.6	Riband Wave	2.4	Common Footman	1.16
Lesser Broad-bord'd Yellow U/W	2.8	Common Footman	1.9	Silver Y	3.06	Lesser Broad-bord'd Yellow U/W	2.0	Garden Grass-veneer	2.2	Garden Grass-veneer	1.09
Square-spot Rustic	2.6	Square-spot Rustic	1.7	Mother of Pearl	2.90	Lesser Yellow Underwing	1.9	Agriphila tristella	2.1	Mother of Pearl	1.09
Lesser Yellow Underwing	2.2	Mother of Pearl	1.7	Willow Beauty	2.88	Light Brown Apple Moth	1.3	Lesser Yellow Underwing	2.1	Lesser Yellow Underwing	1.08
Light Brown Apple Moth	2.0	Agriphila tristella	1.5	Common Footman	2.85	Copper Underwing agg.	1.3	Common Footman	1.7	Heart & Dart	1.08
Agriphila straminella	1.9	Light Brown Apple Moth	1.4	Lesser Yellow Underwing	2.50	Mother of Pearl	1.3	Willow Beauty	1.4	Shuttle-shaped Dart	0.96
Agriphila geniculea	1.9	Flame Shoulder	1.3	Marbled Beauty	2.39	Marbled Beauty	1.1	Flounced Rustic	1.2	Willow Beauty	0.96
Mother of Pearl	1.7	Lesser Yellow Underwing	1.3	Marbled Minor agg.	2.29	Square-spot Rustic	1.1	Shuttle-shaped Dart	1.2	Smoky Wainscot	0.89
Set. Hebrew Character	1.6	Straw Dot	1.3	Setaceous Hebrew Character	2.00	Silver Y	0.8	Agriphila straminella	0.9	Flame Shoulder	0.82
Marbled Beauty	1.5	Agriphila straminella	1.1	Agriphila tristella	2.00	Flounced Rustic	0.7	Smoky Wainscot	0.9	Agriphila tristella	0.79

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2015		2014		2013		2012		2011		2010	
Common Footman	1.4	Set. Hebrew Character	1.1	Light Brown Apple Moth	1.89	Smoky Wainscot	0.7	Agriphila geniculea	0.8	Light Brown Apple Moth	0.78
Willow Beauty	1.4	Bright-line Brown-eye	1.0	Brimstone Moth	1.80	Agriphila tristella	0.6	Vine's Rustic	0.8	Common Wainscot	0.73
Flounced Rustic	1.1	Dingy Footman	1.0	Agriphila straminella	1.69	Dingy Footman	0.6	Mother of Pearl	0.7	Flame	0.70

Table 3: Top Twenty Moth Records for Weeks 19 to 27 for 2009 thru 2015 (Average Number of Moths per Recording Night)



Angle-striped Sallow *Enargia paleacea*
Simon Roddis

GARDEN MOTH SCHEME 2015

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APPENDIX 1- List of All EM Moths Recorded in 2015 Q3-Taxonomic Order

Species	No.	Type
Ghost Moth	6	Core
Orange Swift	69	Core
Diamond-back Moth	8	Core
Brown House Moth	92	Core
White-shouldered House Moth	16	Core
Oak Longhorned	27	Core
Agapeta hamana	59	Regional
Barred Fruit-tree Tortrix	40	Regional
Light Brown Apple Moth	603	Core
Green Oak Tortrix	6	Core
Garden Rose Tortrix	45	Core
Celypha striana	85	Regional
Celypha lacunana	58	Regional
Bramble Shoot Moth	17	Regional
Twenty-plume Moth	13	Core
Garden Grass-veneer	1078	Core
Crambus pascuella	153	Core
Agriphila straminella	585	Core
Agriphila tristella	882	Core
Agriphila geniculea	564	Core
Brown China-mark	3	Core
Garden Pebble	24	Core
Small Magpie	161	Core
Spotted Magpie	31	Core
Udea olivalis	21	Core
Rusty-dot Pearl	3	Core
Rush Veneer	6	Core
Mother of Pearl	521	Core
Gold Triangle	76	Core
Endotricha flammealis	58	Regional
Bee Moth	35	Core
Emmelina monodactyla	56	Core
Drinker	13	Core
Oak Hook-tip	6	Core
Pebble Hook-tip	7	Regional
Chinese Character	36	Core
Peach Blossom	3	Core
Buff Arches	33	Core
Figure of Eighty	1	Core

Species	No.	Type
Common Emerald	18	Core
Blood-vein	43	Core
Small Blood-vein	16	Core
Least Carpet	5	Core
Small Fan-footed Wave	59	Core
Dwarf Cream Wave	13	Regional
Small Dusty Wave	16	Core
Single-dotted Wave	142	Core
Treble Brown Spot	1	Regional
Small Scallop	2	Regional
Riband Wave	969	Core
Flame Carpet	13	Core
Dark-barred Twin-spot Carpet	7	Regional
Silver-ground Carpet	17	Core
Garden Carpet	100	Core
Shaded Broad-bar	9	Core
Common Carpet	95	Core
Yellow Shell	63	Core
Shoulder Stripe	1	Core
Spinach	6	Regional
Barred Straw	43	Core
Small Phoenix	15	Core
Red-green Carpet	1	Core
Common Marbled Carpet	20	Core
Barred Yellow	4	Core
Grey Pine Carpet	1	Core
Spruce Carpet	1	Core
Green Carpet	14	Core
July Highflyer	25	Core
Small Rivulet	11	Core
Foxglove Pug	8	Regional
Lime-speck Pug	20	Core
Tawny Speckled Pug	3	Regional
Bordered Pug	6	Core
V-Pug	3	Core
Green Pug	41	Core
Double-striped Pug	28	Core
Treble-bar	3	Regional
Magpie Moth	30	Core

GARDEN MOTH SCHEME 2015

EAST MIDLANDS

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APPENDIX 1- List of All EM Moths Recorded in 2015 Q3-Taxonomic Order

Species	No.	Type
Clouded Border	63	Core
Tawny-barred Angle	1	Core
Latticed Heath	15	Regional
Brimstone Moth	248	Core
Canary-shouldered Thorn	19	Core
Dusky Thorn	42	Core
Early Thorn	39	Core
Purple Thorn	4	Core
Scalloped Oak	70	Core
Swallow-tailed Moth	105	Core
Peppered Moth (Light)	37	Core
Peppered Moth (Intermediate)	6	Core
Peppered Moth (Dark)	3	Core
Willow Beauty	417	Core
Mottled Beauty	35	Core
Bordered White	2	Regional
Common White Wave	15	Core
Common Wave	11	Core
Clouded Silver	72	Core
Light Emerald	18	Core
Barred Red	1	Core
Privet Hawk-moth	12	Regional
Lime Hawk-moth	1	Core
Eyed Hawk-moth	1	Core
Poplar Hawk-moth	53	Core
Elephant Hawk-moth	134	Core
Buff-tip	20	Core
Sallow Kitten	2	Regional
Iron Prominent	18	Core
Pebble Prominent	21	Core
Lesser Swallow Prominent	19	Core
Swallow Prominent	16	Core
Coxcomb Prominent	10	Core
Pale Prominent	10	Core
Vapourer	2	Core
Yellow-tail	47	Core
Dingy Footman	189	Core
Scarce Footman	80	Core
Buff Footman	13	Core

Species	No.	Type
Common Footman	432	Core
Garden Tiger	2	Core
White Ermine	1	Core
Buff Ermine	118	Core
Muslin Moth	5	Core
Ruby Tiger	62	Core
Cinnabar	8	Core
Short-cloaked Moth	20	Core
Turnip Moth	16	Core
Heart and Club	18	Core
Heart and Dart	1170	Core
Dark Sword-grass	2	Core
Shuttle-shaped Dart	293	Core
Flame	199	Core
Flame Shoulder	312	Core
Large Yellow Underwing	7539	Core
Lesser Yellow Underwing	670	Core
Broad-bordered Yellow U/W	79	Core
Less'r Broad-bord'd Yellow U/W	837	Core
Least Yellow Underwing	16	Core
Double Dart	1	Regional
True Lover's Knot	8	Core
Ingrailed Clay	18	Core
Purple Clay	31	Core
Small Square-spot	161	Core
Setaceous Hebrew Character	495	Core
Triple-spotted Clay	2	Core
Double Square-spot	163	Core
Dotted Clay	36	Core
Six-striped Rustic	297	Core
Square-spot Rustic	772	Core
Gothic	14	Core
Nutmeg	22	Regional
Cabbage Moth	32	Core
Dot Moth	131	Core
Pale-shouldered Brocade	2	Core
Bright-line Brown-eye	272	Core
Broom Moth	1	Core
Varied Coronet	11	Regional

GARDEN MOTH SCHEME 2015

EAST MIDLANDS

WEEKS 19 TO 27 REPORT

APPENDIX 1- List of All EM Moths Recorded in 2015 Q3-Taxonomic Order

Species	No.	Type
Antler Moth	6	Core
Brown-line Bright Eye	36	Core
Clay	161	Core
Smoky Wainscot	272	Core
Common Wainscot	122	Core
Shoulder-striped Wainscot	31	Core
Shark	9	Regional
Black Rustic	11	Core
Brindled Green	2	Core
Grey Chi	2	Regional
Brick	1	Core
Brown-spot Pinion	3	Core
Centre-barred Sallow	24	Core
Lunar Underwing	1	Core
Sallow	3	Core
Poplar Grey	24	Core
Sycamore	18	Core
Miller	10	Core
Dark Dagger / Grey Dagger	65	Core
Knot Grass	6	Core
Marbled Beauty	457	Core
Copper Underwing agg.	103	Core
Mouse Moth	54	Core
Old Lady	32	Regional
Brown Rustic	5	Core
Straw Underwing	17	Core
Small Angle Shades	10	Core
Angle Shades	24	Core
Dun-bar	70	Core
Dark Arches	1695	Core
Light Arches	107	Core
Clouded-bordered Brindle	16	Core
Clouded Brindle	1	Regional
Dusky Brocade	24	Core
Rustic Shoulder-knot	4	Core
Slender Brindle	3	Regional
Double Lobed	3	Regional
Marbled Minor agg.	234	Core
Middle-barred Minor	8	Core

Species	No.	Type
Cloaked Minor	23	Core
Rosy Minor	19	Regional
Common Rustic agg.	2595	Core
Small Dotted Buff	5	Regional
Dusky Sallow	38	Regional
Flounced Rustic	343	Core
Rosy Rustic	25	Core
Frosted Orange	2	Core
Uncertain/Rustic agg.	1075	Core
Vine's Rustic	154	Core
Mottled Rustic	87	Core
Pale Mottled Willow	48	Core
Green Silver-lines	4	Core
Burnished Brass	72	Core
Golden Plusia	4	Core
Gold Spot	68	Regional
Silver Y	169	Core
Beautiful Golden Y	11	Core
Plain Golden Y	17	Core
Dark Spectacle	2	Core
Spectacle	82	Core
Red Underwing	11	Core
Herald	3	Core
Beautiful Hook-tip	29	Regional
Straw Dot	238	Core
Snout	112	Core
Fan-foot	53	Core
Small Fan-foot	6	Core

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APPENDIX 2- List of All EM Moths Recorded in 2015 Q3

Reverse Abundance Order

Species	No.	Type
Figure of Eighty	1	Core
Treble Brown Spot	1	Regional
Shoulder Stripe	1	Core
Red-green Carpet	1	Core
Grey Pine Carpet	1	Core
Spruce Carpet	1	Core
Tawny-barred Angle	1	Core
Barred Red	1	Core
Lime Hawk-moth	1	Core
Eyed Hawk-moth	1	Core
White Ermine	1	Core
Double Dart	1	Regional
Broom Moth	1	Core
Brick	1	Core
Lunar Underwing	1	Core
Clouded Brindle	1	Regional
Small Scallop	2	Regional
Bordered White	2	Regional
Sallow Kitten	2	Regional
Vapourer	2	Core
Garden Tiger	2	Core
Dark Sword-grass	2	Core
Triple-spotted Clay	2	Core
Pale-shouldered Brocade	2	Core
Brindled Green	2	Core
Grey Chi	2	Regional
Frosted Orange	2	Core
Dark Spectacle	2	Core
Brown China-mark	3	Core
Rusty-dot Pearl	3	Core
Peach Blossom	3	Core
Tawny Speckled Pug	3	Regional
V-Pug	3	Core
Treble-bar	3	Regional

Species	No.	Type
Peppered Moth (Dark)	3	Core
Brown-spot Pinion	3	Core
Sallow	3	Core
Slender Brindle	3	Regional
Double Lobed	3	Regional
Herald	3	Core
Barred Yellow	4	Core
Purple Thorn	4	Core
Rustic Shoulder-knot	4	Core
Green Silver-lines	4	Core
Golden Plusia	4	Core
Least Carpet	5	Core
Muslin Moth	5	Core
Brown Rustic	5	Core
Small Dotted Buff	5	Regional
Ghost Moth	6	Core
Green Oak Tortrix	6	Core
Rush Veneer	6	Core
Oak Hook-tip	6	Core
Spinach	6	Regional
Bordered Pug	6	Core
Peppered Moth (Intermediate)	6	Core
Antler Moth	6	Core
Knot Grass	6	Core
Small Fan-foot	6	Core
Pebble Hook-tip	7	Regional
Dark-barred Twin-spot Carpet	7	Regional
Diamond-back Moth	8	Core
Foxglove Pug	8	Regional
Cinnabar	8	Core
True Lover's Knot	8	Core
Middle-barred Minor	8	Core
Shaded Broad-bar	9	Core
Shark	9	Regional

GARDEN MOTH SCHEME 2015

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APPENDIX 2- List of All EM Moths Recorded in 2015 Q3

Reverse Abundance Order

Species	No.	Type
Coxcomb Prominent	10	Core
Pale Prominent	10	Core
Miller	10	Core
Small Angle Shades	10	Core
Small Rivulet	11	Core
Common Wave	11	Core
Varied Coronet	11	Regional
Black Rustic	11	Core
Beautiful Golden Y	11	Core
Red Underwing	11	Core
Privet Hawk-moth	12	Regional
Twenty-plume Moth	13	Core
Drinker	13	Core
Dwarf Cream Wave	13	Regional
Flame Carpet	13	Core
Buff Footman	13	Core
Green Carpet	14	Core
Gothic	14	Core
Small Phoenix	15	Core
Latticed Heath	15	Regional
Common White Wave	15	Core
White-shouldered House Moth	16	Core
Small Blood-vein	16	Core
Small Dusty Wave	16	Core
Swallow Prominent	16	Core
Turnip Moth	16	Core
Least Yellow Underwing	16	Core
Clouded-bordered Brindle	16	Core
Bramble Shoot Moth	17	Regional
Silver-ground Carpet	17	Core
Straw Underwing	17	Core
Plain Golden Y	17	Core
Common Emerald	18	Core
Light Emerald	18	Core

Species	No.	Type
Iron Prominent	18	Core
Heart and Club	18	Core
Ingrailed Clay	18	Core
Sycamore	18	Core
Canary-shouldered Thorn	19	Core
Lesser Swallow Prominent	19	Core
Rosy Minor	19	Regional
Common Marbled Carpet	20	Core
Lime-speck Pug	20	Core
Buff-tip	20	Core
Short-cloaked Moth	20	Core
Udea olivalis	21	Core
Pebble Prominent	21	Core
Nutmeg	22	Regional
Cloaked Minor	23	Core
Garden Pebble	24	Core
Centre-barred Sallow	24	Core
Poplar Grey	24	Core
Angle Shades	24	Core
Dusky Brocade	24	Core
July Highflyer	25	Core
Rosy Rustic	25	Core
Oak Longhorned	27	Core
Double-striped Pug	28	Core
Beautiful Hook-tip	29	Regional
Magpie Moth	30	Core
Spotted Magpie	31	Core
Purple Clay	31	Core
Shoulder-striped Wainscot	31	Core
Cabbage Moth	32	Core
Old Lady	32	Regional
Buff Arches	33	Core
Bee Moth	35	Core
Mottled Beauty	35	Core

GARDEN MOTH SCHEME 2015

EAST MIDLANDS

WEEKS 19 TO 27 REPORT

APPENDIX 2- List of All EM Moths Recorded in 2015 Q3**Reverse Abundance Order**

Species	No.	Type
Chinese Character	36	Core
Dotted Clay	36	Core
Brown-line Bright Eye	36	Core
Peppered Moth (Light)	37	Core
Dusky Sallow	38	Regional
Early Thorn	39	Core
Barred Fruit-tree Tortrix	40	Regional
Green Pug	41	Core
Dusky Thorn	42	Core
Blood-vein	43	Core
Barred Straw	43	Core
Garden Rose Tortrix	45	Core
Yellow-tail	47	Core
Pale Mottled Willow	48	Core
Poplar Hawk-moth	53	Core
Fan-foot	53	Core
Mouse Moth	54	Core
Emmelina monodactyla	56	Core
Celypha lacunana	58	Regional
Endotricha flammealis	58	Regional
Agapeta hamana	59	Regional
Small Fan-footed Wave	59	Core
Ruby Tiger	62	Core
Yellow Shell	63	Core
Clouded Border	63	Core
Dark Dagger / Grey Dagger	65	Core
Gold Spot	68	Regional
Orange Swift	69	Core
Scalloped Oak	70	Core
Dun-bar	70	Core
Clouded Silver	72	Core
Burnished Brass	72	Core
Gold Triangle	76	Core
Broad-bordered Yellow U/W	79	Core

Species	No.	Type
Scarce Footman	80	Core
Spectacle	82	Core
Celypha striana	85	Regional
Mottled Rustic	87	Core
Brown House Moth	92	Core
Common Carpet	95	Core
Garden Carpet	100	Core
Copper Underwing agg.	103	Core
Swallow-tailed Moth	105	Core
Light Arches	107	Core
Snout	112	Core
Buff Ermine	118	Core
Common Wainscot	122	Core
Dot Moth	131	Core
Elephant Hawk-moth	134	Core
Single-dotted Wave	142	Core
Crambus pascuella	153	Core
Vine's Rustic	154	Core
Small Magpie	161	Core
Small Square-spot	161	Core
Clay	161	Core
Double Square-spot	163	Core
Silver Y	169	Core
Dingy Footman	189	Core
Flame	199	Core
Marbled Minor agg.	234	Core
Straw Dot	238	Core
Brimstone Moth	248	Core
Bright-line Brown-eye	272	Core
Smoky Wainscot	272	Core
Shuttle-shaped Dart	293	Core
Six-striped Rustic	297	Core
Flame Shoulder	312	Core
Flounced Rustic	343	Core

GARDEN MOTH SCHEME 2015

EAST MIDLANDS

WEEKS 19 TO 27 REPORT

APPENDIX 2- List of All EM Moths Recorded in 2015 Q3

Reverse Abundance Order

Species	No.	Type
Willow Beauty	417	Core
Common Footman	432	Core
Marbled Beauty	457	Core
Setaceous Hebrew Character	495	Core
Mother of Pearl	521	Core
Agriphila geniculea	564	Core
Agriphila straminella	585	Core
Light Brown Apple Moth	603	Core
Lesser Yellow Underwing	670	Core
Square-spot Rustic	772	Core
Less'r Broad-bord'd Yellow U/W	837	Core
Agriphila tristella	882	Core
Riband Wave	969	Core
Uncertain/Rustic agg.	1075	Core
Garden Grass-veneer	1078	Core
Heart and Dart	1170	Core
Dark Arches	1695	Core
Common Rustic agg.	2595	Core
Large Yellow Underwing	7539	Core