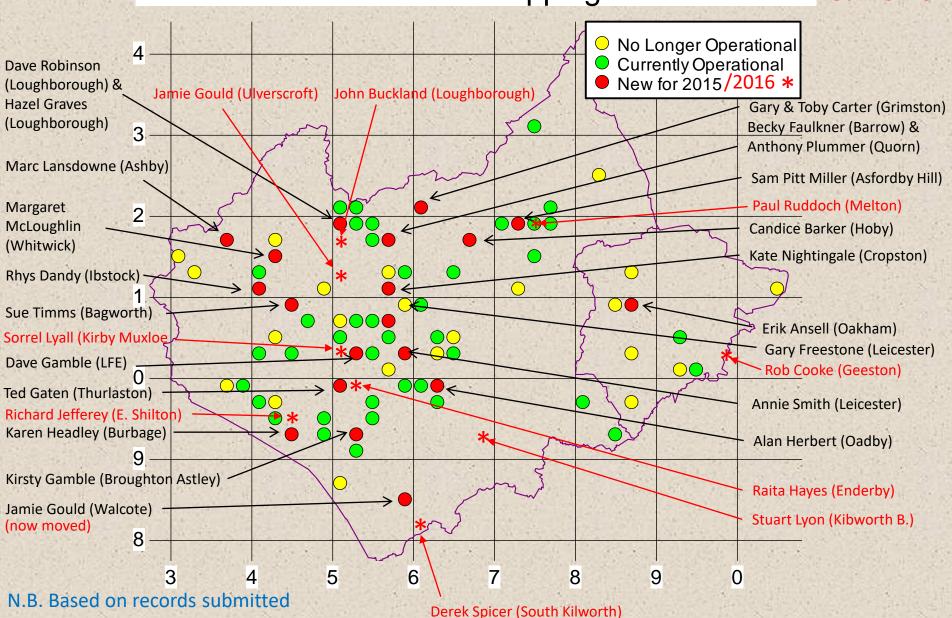
Annual Moth Recorders' Meeting 2017

Adrian Russell on behalf of all contributing recorders

- Highlights of 2016
- General interest information
- Species to look out for in 2017

Garden Moth Trapping

Post-2000 Garden Moth Trapping - New for 2015 & 2016



The Forester

06/06/2016 Puddledyke, Cropston 19/06/2016 Rough Hill, Newtown Linford SK522121 19/06/2016 Bradgate Park SK5310 SK5212

Rough Hill, Newtown Linford

SK547116 1 Kate Nightingal

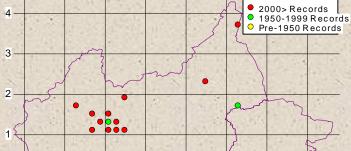
1 Kate Nightingal

1 Michael Braker Harry Ball et al

0

9









Phyllocnistis citrella





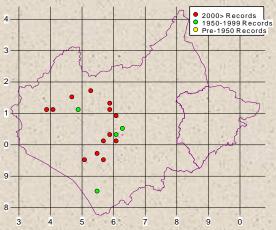
First record for VC55

09/12/2016 Homebase, Welford Road, Leicester Mine on citrus Adrian Russell

Currant Clearwing

Annie Smith

NB. Map excludes 2016 records



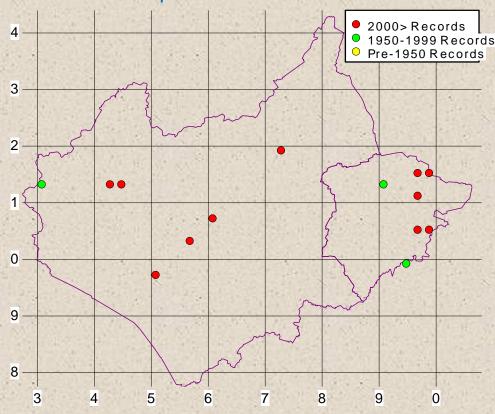
19/06/2016 Gainsborough Road, Leicester	SK596020	1 Annie Smith Photographed
21/06/2016 Croft Drive, Wigston	SP597998	5 Adam & Stuart Poole 5 on Redcurrant bush
22/06/2016 Croft allotments	SP518953	1 Sally Cunningham
25/06/2016 Gainsborough Road, Leicester	SK596020	1 Annie Smith

06/07/2016 Granitethorpe Allotments, Sapcote SP493934 2 Graham Calow 2 to TIP lure on currant

Six-belted Clearwing



NB. Map excludes 2016 records



- 10/07/2016 Asfordby Hill Iron Works 17/07/2016 Huncote Embankment 19/07/2016 Ryhall verge
- 2 Helen Ikin
- 1 Mark Skevington
- 1 Adrian Russell

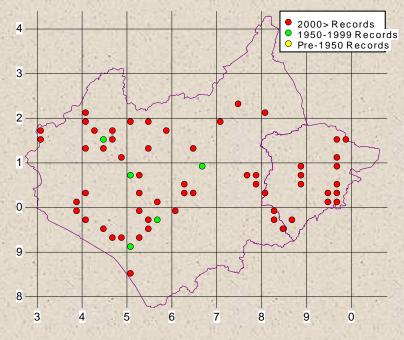
Argyresthia glabratella



First record for VC55

Ash Bud Moth – Prays fraxinella





Ash Bud Moth 18/07/2016 Sandhills Lodge, Newtown Linford Ash Bud Moth 18/07/2016 Luffenham Heath G.C.
Ash Bud Moth 19/07/2016 Harecroft Crescent, Sapcote Ash Bud Moth 04/09/2016 Glen Road, Newton Harcourt

Ash Bud Moth 06/09/2016 The Square, Bagworth

- 1 Graham Finch
- 1 Ron Follows
- 1 Graham Calow
- 1 David Scott
- 1 Sue Timms

A fairly common and distinctive species in VC55. It also has a dark form, though this is less common, that also has faint remnants of the typical markings.

Prays ruficeps

27/05/2016 Pintail Close, Whetstone 29/05/2016 Pintail Close, Whetstone 03/06/2016 St Swithins Road, Leicester 03/06/2016 Geveze Way, Broughton Astley 03/06/2016 Pintail Close, Whetstone 04/06/2016 Pintail Close, Whetstone 06/06/2016 Pintail Close, Whetstone 13/06/2016 Hinckley Road, Dadlington 18/07/2016 Pintail Close, Whetstone 22/07/2016 Harecroft Crescent, Sapcote 27/07/2016 Long Clawson 02/08/2016 Harecroft Crescent, Sapcote 04/08/2016 Hinckley Road, Dadlington 14/08/2016 Pintail Close, Whetstone 05/09/2016 Foxton Locks 13/09/2016 The Square, Bagworth

- 1 Mark Skevington
- 1 Mark Skevington
- 1 Adrian Russell
- 1 Craig Mabbett
- 2 Mark Skevington
- 1 Mark Skevington
- 1 Mark Skevington
- 1 Andy Johnson
- 1 Mark Skevington
- 1 Graham Calow
- 1 Barbara Cooper
- 1 Graham Calow
- 1 Andy Johnson
- 1 Mark Skevington
- 1 Adrian Russell
- 1 Sue Timms

Originally thought a dark form of Prays fraxinella (Ash Bud Moth). But DNA barcoding indicates that P. ruficeps is a species distinct from P. fraxinella (Ash Bud Moth). The latter does have a dark form but in it the faint fraxinella markings can still be distinguished.

P. ruficeps has an unremittingly black forewing without any underlying sign of 'fraxinella-ish' markings, and a 'rufi' 'ceps', (Red/Brown Head), though this can vary somewhat in the 'rufiness' of the 'ceps'. [John Langmaid, Aug 2013]

It was accepted as a valid species in the new British list 2013, though this is not yet reflected in Sterling, Parson & Lewington or on UKMoths.





Tachystola acroxantha Pre-2016 records:





14/06/2014 Albert Promenade, Loughborough

06/10/2014 Golf Course Lane, Leicester

21/05/2015 St Swithins Road, Leicester

30/06/2015 Albert Promenade, Loughborough

1 Steve Lister

1 Mark Skevington

1 Adrian Russell

1 Steve Lister

2017 Annual Moth Recorders Meeting

Tachystola acroxantha -2016

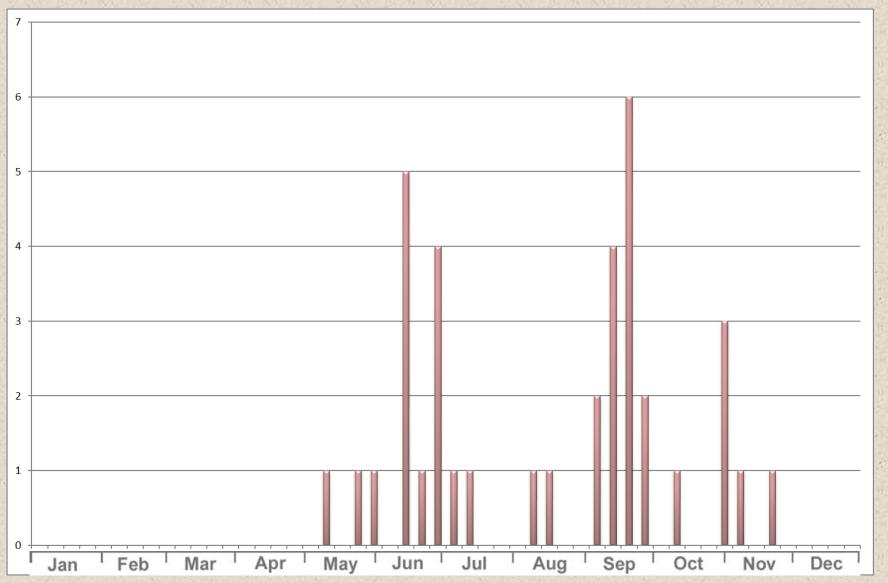
07/05/2016 Croft Road, Thurlaston	SP501988	1	Ted Gaten
21/05/2016 Albert Promenade, Loughborough	SK541192	1	Steve Lister
28/05/2016 Croft Road, Thurlaston	SP501988	1	Ted Gaten
05/06/2016 Woodland Avenue, Burbage	SP443930	1	Karen Headley & Martin Randall
06/06/2016 Croft Road, Thurlaston	SP501988	1	Ted Gaten
07/06/2016 Shanklin Gardens, Leicester Forest East	SK535030	1	Dave Gamble
09/06/2016 Beaufort Road, Leicester	SK564023	1	Richard Eagling
10/06/2016 Croft Road, Thurlaston	SP501988	1	Ted Gaten
12/06/2016 The Square, Bagworth	SK448081	1	Sue Timms
21/06/2016 Croft Road, Thurlaston	SP501988	2	Ted Gaten
22/06/2016 Shanklin Gardens, Leicester Forest East	SK535030	1	Dave Gamble
23/06/2016 Hayes Close, Whitwick	SK439155	1	Margaret McLoughlin
02/07/2016 Shanklin Gardens, Leicester Forest East	SK535030	1	Dave Gamble
06/07/2016 Shanklin Gardens, Leicester Forest East	SK535030	1	Dave Gamble
02/08/2016 Shanklin Gardens, Leicester Forest East	SK535030	1	Dave Gamble
07/08/2016 Delaware Road, Leicester	SK641036	1	Andy Mackay
28/08/2016 Shanklin Gardens, Leicester Forest East	SK535030	1	Dave Gamble
02/09/2016 Croft Road, Thurlaston	SP501988	1	Ted Gaten
05/09/2016 Croft Road, Thurlaston	SP501988	1	Ted Gaten
05/09/2016 Shanklin Gardens, Leicester Forest East	SK535030	1	Dave Gamble
06/09/2016 Croft Road, Thurlaston	SP501988	1	Ted Gaten
08/09/2016 Shanklin Gardens, Leicester Forest East	SK535030	1	Dave Gamble
12/09/2016 Croft Road, Thurlaston	SP501988	1	Ted Gaten
14/09/2016 Croft Road, Thurlaston	SP501988	3	Ted Gaten
14/09/2016 Woodland Avenue, Burbage	SP443930	1	Karen Headley & Martin Randall
15/09/2016 Croft Road, Thurlaston	SP501988	1	Ted Gaten
21/09/2016 Croft Road, Thurlaston	SP501988	2	Ted Gaten
04/10/2016 Croft Road, Thurlaston	SP501988	1	Ted Gaten
25/10/2016 Shanklin Gardens, Leicester Forest East	SK535030	1	Dave Gamble
26/10/2016 Croft Road, Thurlaston	SP501988	1	Ted Gaten
26/10/2016 Shanklin Gardens, Leicester Forest East	SK535030	1	Dave Gamble
30/10/2016 Croft Road, Thurlaston	SP501988	1	Ted Gaten
15/11/2016 Shanklin Gardens, Leicester Forest East	SK535030	1	Dave Gamble



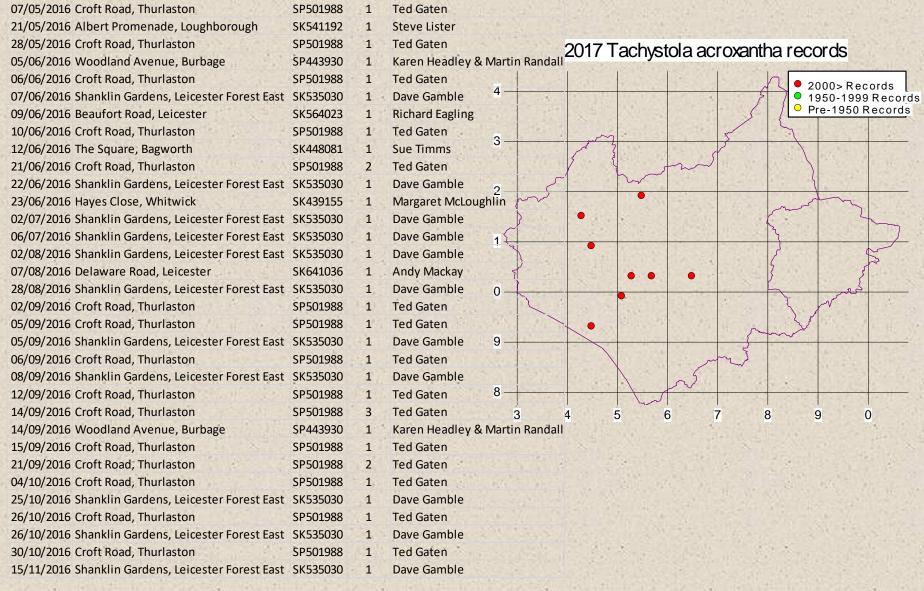




Tachystola acroxantha – flight analysis 2016



Tachystola acroxantha - Distribution of 2016 records



Mompha miscella

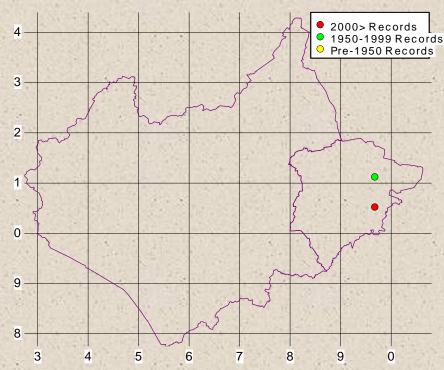


First record for VC55



Pancalia leuwenhoekella





08/07/2016 Bloody Oaks Quarry NR

1 David Nicholls

Only 9th record for VC55

Apart from a single record from Bloody Oaks Quarry in 1997, all other previous records are from Ketton Quarry (1985-2011)

Endothenia nigricostana



First record for VC55

Larval foodplant (per Sterling & Parsons): Hedge Woundwort

Pammene trauniana

30/05/2016 Claybrooke Magna

SP488885

1 Graham Calow

Gen det AJM

02/06/2016 Claybrooke Magna

SP492883

1 Graham Calow

First record for VC55

Larval foodplant: Field Maple.

Very similar to Pammene regiana, whose larval foodplant is "Sycamore, Norway Maple and occasionally Field Maple"



2017 Annual Moth Recorders Meeting

There was also another record of a possible trauniana, photographed a few days earlier by Mike Higgott (below left).

Whilst the costal strigulae in Mike's photo seemed to match trauniana, the costal blotch looked more like regiana. Therefore, without a specimen, that record has been classed as "unconfirmed" (for the time being at least).

All recorders are asked to keep a look out for trauniana in 2017, particularly on or near Field Maple



Cydia strobilella



Only the 2nd record for VC55

08/05/2016 Hinckley Road, Dadlington

1 Andy Johnson

Gen det AJM

Anania crocealis



First record since 27/07/1955 (Great Bowden, Buckler)

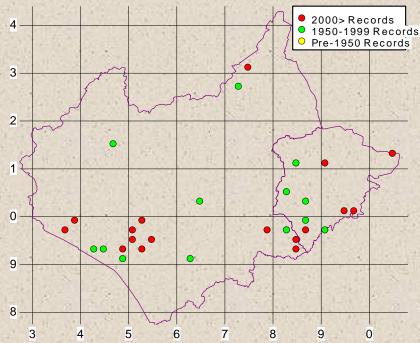
20/07/2016 Delaware Road, Leicester

1 Andy Mackay

Oak Eggar







- 10/07/2016 Grace Dieu garden 15/07/2016 Harecroft Crescent, Sapcote 17/07/2016 Harby 17/07/2016 Harecroft Crescent, Sapcote 18/07/2016 Watsons Lane, Harby 19/07/2016 Hinckley Road, Dadlington 19/07/2016 Pintail Close, Whetstone 22/07/2016 Hinckley Road, Dadlington 24/07/2016 Harecroft Crescent, Sapcote
- Nigel Judson
- 1 Graham Calow
- 3 Pete Leonard
- 1 Graham Calow
- 1 Pete Leonard
- 1 Andy Johnson
- 1 Mark Skevington
- 1 Andy Johnson
- 1 Graham Calow

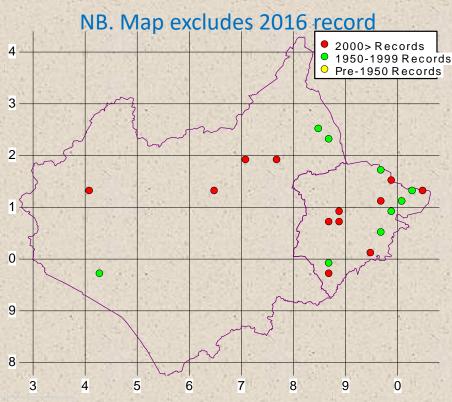
Recent records:

	2010		2
	2011		3
	2012	175	0
	2013		2
	2014		9
10	2015		1
	2016		11



Emperor Moth





06/07/2016 Cossington Meadows larva on bramble Chris Hill

Post-2000 records:

23/04/2002 Asfordby Storage & Haulage
24/04/2002 Rutland Water Egleton N.R.
28/03/2003 South Luffenham
03/05/2003 Rutland Water N.R., Fishponds Cottage
24/04/2004 Branston Crescent, Melton Mowbray
10/04/2005 Pickworth Great Wood
04/05/2006 Bloody Oaks Quarry
28/04/2008 Essendine roadside
19/05/2008 Windmill Way, Lyddington
23/04/2010 Hospital Lane, Ravenstone
20/04/2011 Rutland Water R.I.T.
10/04/2014 Ervin Way, Queniborough

- Pete Thornton
- 1 Ron Follows
- 1 P. Armitage
- 1 John Wright
- 1 Howard Orridge
- 1 Adrian Russell
- 1 Roy Goff

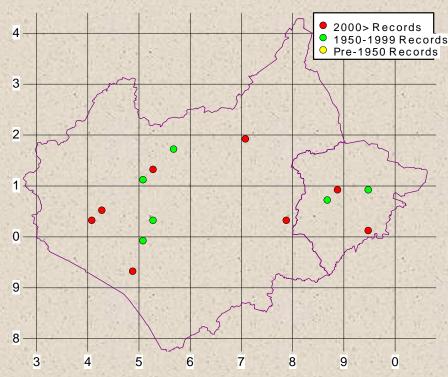
1

- Max Winslow
- 1 Matthew Berriman
- 1 Keith Tailby
 - Rothamsted Insect Surve
- 1 John Tinning

Grass Rivulet

Margaret McLoughlin

NB. Map excludes 2016 records



06/06/2016 Rough Hill, Newtown Linford 23/06/2016 Hayes Close, Whitwick

6 Adrian Russell

1 Margaret McLough

Post-2000 records:

08/06/2004 Burley Wood
24/06/2011 Loddington R.I.T.
20/05/2011 Harecroft Crescent, Sapcote
18/06/2013 St Catherines Ave., Mkt Bosworth
30/06/2013 Barlestone garden
25/05/2015 Rough Hill, Newtown Linford
26/05/2015 Rough Hill, Newtown Linford
31/05/2015 Main Street, Asfordby
31/05/2015 Rough Hill, Newtown Linford
04/06/2015 Rough Hill, Newtown Linford
08/06/2015 Rough Hill, Newtown Linford
08/06/2015 Rough Hill, Newtown Linford
12/06/2015 Dovecote Close, Barrowden

- John Wright
- 1 Rothamsted I.S.
- 1 Graham Calow
- 1 Angela Davies
- 1 Jack Riggall
- 2 Steve Blandford
- 4 Adrian Russell
- 1 Peter Thornton
- 1 Steve Blandford
- 4 Adrian Russell
- 2 Adrian Russell3 Steve Blandford
- 1 Ron Follows

Most frequently recorded Pugs in 2016:

	2016 records
Mottled Pug	530
Common Pug	519
Green Pug	403
Double-striped Pug	352
Foxglove Pug	163
V-Pug	121
Brindled Pug	93
Lime-speck Pug	61
Oak-tree Pug	56

Other Pugs in 2016:

Considering that there were 500+ records of both Mottled Pug & Common Pug, some familiar species, such as Tawny Speckled Pug, now seem far less common than they used to be

	2016 records
White-spotted Pug	50
Slender Pug	32
Grey Pug	32
Wormwood Pug	26
Freyer's Pug	25
Currant Pug	22
Ochreous Pug	12
Ash/Angle-barred Pug	10
Juniper Pug	8
Bordered Pug	6
Tawny Speckled Pug	6
Maple Pug	4
Narrow-winged Pug	4
Plain Pug	3
Satyr Pug	2
Golden-rod Pug	2
Haworth's Pug	1
Dwarf Pug	1

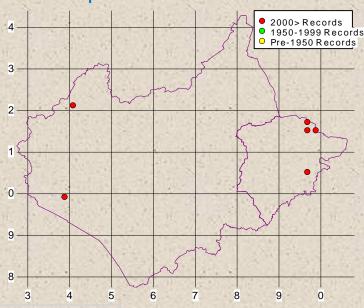
2017 Annual Moth Recorders Meeting

Satyr Pug



10/06/2016 Croft Road, Thurlaston 27/06/2016 Dovecote Close, Barrowden

As can be seen from the records, this species can be locally common in Rutland, but is rare in the rest of the county



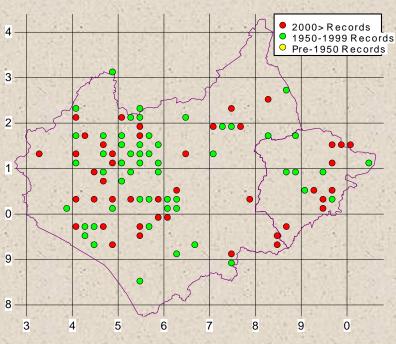
- 1 Ted Gaten
- 1 Ron Follows

26/06/2003	Ketton Quarry
28/06/2003	Pickworth Great Wood
16/06/2006	Cloud Wood
27/06/2006	Moor Leys, North Farm, Sutton Cheney
27/05/2009	Ketton Quarry
25/06/2009	Clipsham Quarry
26/06/2010	Ketton Quarry (main quarry area)
26/06/2010	Ketton Quarry (south-east quarry)
25/06/2011	Ketton Quarry
26/06/2012	Addah Wood
01/07/2015	Ketton Quarry N.R., south-west section
01/07/2015	Ketton Quarry NR
01/07/2015	Ketton Quarry NR

- Adrian Russell
 Adrian Russell
 Keith Tailby
 Graham Finch
- 2 Adrian Russell
- 2 Adrian Russell
- 9 Mark Rossell
- 36 Adrian Russell
- 28 Adrian Russell
- 1 Adrian Russell
- 24 Adrian Russell
- 25 Graham Finch
- 48 Ron Follows

Tawny Speckled Pug

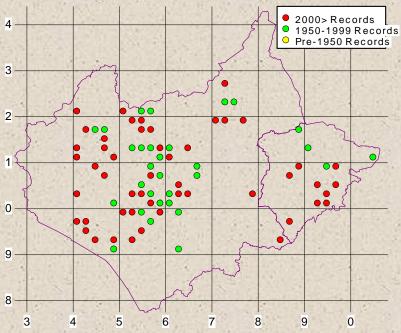




18/07/2016 Luffenham Heath G.C.	1	Ron Follows
16/08/2016 Croft Road, Thurlaston	1	Ted Gaten
22/08/2016 Eyebrook Reservoir, The Dam	1	Ron Follows
23/08/2016 Pintail Close, Whetstone	1	Mark Skevington
06/09/2016 Grassholme Drive, Loughborough	1	Dave Robinson
12/09/2016 Cosby Road, Littlethorpe	1	Michael & Samantha Lester

Bordered Pug





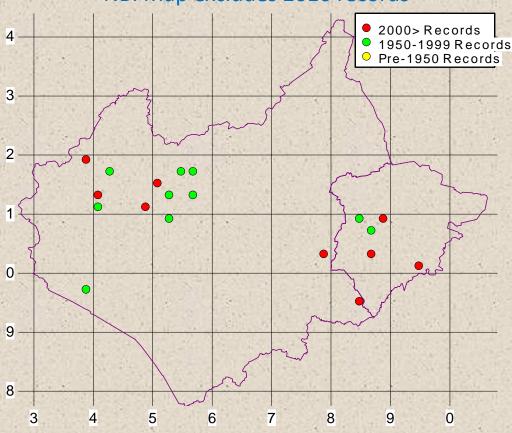
21/07/2016 Harecroft Crescent, Sapcote
22/07/2016 Stanley Road, Market Bosworth
04/08/2016 Ervin Way, Queniborough
11/08/2016 Evelyn Road, Braunstone
14/08/2016 St Swithins Road, Leicester
18/08/2016 Watermead Country Park North
28/08/2016 Shanklin Gardens, Leicester Forest East

- 1 Graham Calow
- 1 David & Mary Penton
- 1 John Tinning
- 1 Leonard Holton
- 1 Adrian Russell
- 1 Michael Braker
- 1 Dave Gamble

The Streak



NB. Map excludes 2016 records



29/10/2016 Priory Lane, Ulverscroft

1 Jamie Gould

First record since 2005:

07/10/2005 Beacon Hill 11/10/2005 Felicity's Wood 14/10/2005 Martin's Wood, Woodhouse

- 1 Graham Finch
- 5 Steve Blandford
- 1 Harry Ball

Lesser Treble-bar



VC55 Records (all years):

Treble-bar: 443

Lesser Treble-bar: 34

Is Lesser Treble-bar much less common or is it under-recorded?

27/05/2016 The Square, Bagworth

1 Sue Timms

Gen det ST

Treble-bar and Lesser Treble-bar

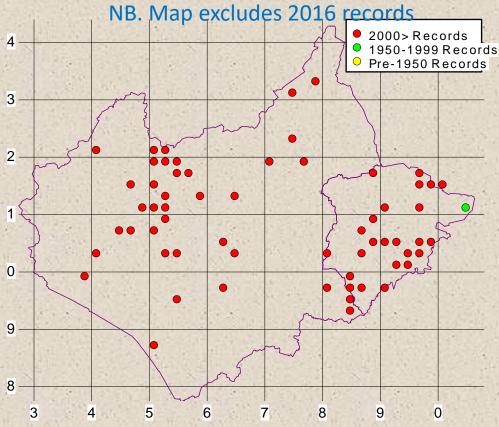


All recorders are asked to check "Treble-bars" carefully. Dissection is not required; differences in the shape of the claspers in males are clear when viewed from the underside. Differences in shape of abdomen in females, may not be so reliable.

2017 Annual Moth Recorders Meeting

Pine Hawk-moth





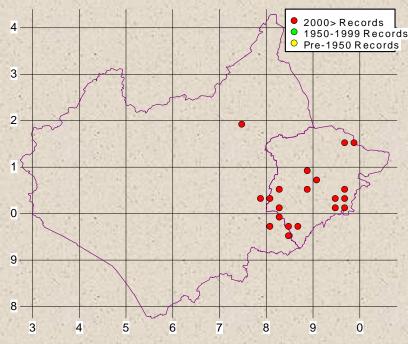
03/07/2016 Glen Road, Newton Harcourt 05/07/2016 Ervin Way, Queniborough 08/07/2016 Wanlip Gravel Pits 15/07/2016 Windmill End, Rothley 17/07/2016 Chapel Lane, Hoby 21/07/2016 Windmill End, Rothley 21/07/2016 Bradgate Park, Deerbarns 29/07/2016 Dovecote Close, Barrowden 30/07/2016 Delaware Road, Leicester 06/08/2016 Barrowden Road, Geeston

- David Scott
- 1 John Tinning
- 1 Harry Ball
- 1 Les Purnell
- 1 Candice Barker
- 1 Les Purnell
- 2 Michael Braker
- 1 Ron Follows
- 1 Andy Mackay Rob Cooke

Maple Prominent



NB. Map excludes 2016 records

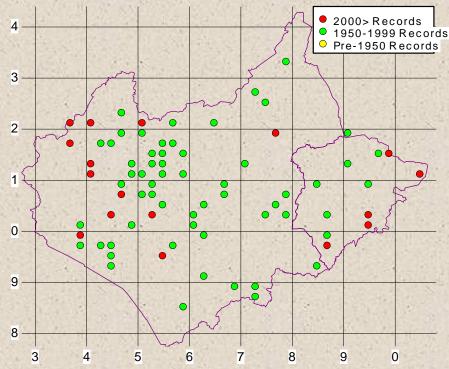


- 21/07/2016 Delaware Road, Leicester 22/07/2016 Essendine railway banks 24/07/2016 Eyebrook Reservoir, The Dam
- 1 Andy Mackay
- 1 Adrian Russell
- 1 Ron Follows

Figure of Eight



NB. Map excludes 2016 records



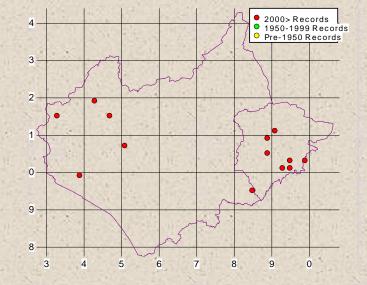
24/09/2016 Luffenham Heath G.C. 28/10/2016 Luffenham Heath G.C.

- 2 Ron Follows
- 2 Ron Follows

Black Arches



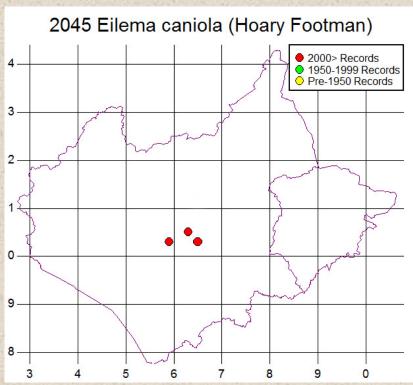
2016 only:



The state of the s			
18/07/2016	Luffenham Heath G.C.	3	Ron Follows
23/07/2016	Willesley Woodside	. 1	Sean Wileman
24/07/2016	Eyebrook Reservoir, The Dam	8	Ron Follows
25/07/2016	Dovecote Close, Barrowden	1	Ron Follows
26/07/2016	Rutland Water Reed Bed	6	Ron Follows
28/07/2016	Barrowden Road, Geeston		Rob Cooke
29/07/2016	Rutland Water NR, Egleton	1	Paul Palmer
29/07/2016	Rutland Water NR, Egleton	1	Paul Palmer
30/07/2016	Rutland Water, Lyndon N.R.	1	Paul Bennett
30/07/2016	Grace Dieu garden	1	Nigel Judson
31/07/2016	The Bothy, Exton Park	1	Vic Arnold
02/08/2016	Luffenham Heath G.C.	2	Ron Follows
05/08/2016	Shenton Estates, North Farm	1	Stephen Smith
05/08/2016	Martinshaw Wood	20	Harry Ball
05/08/2016	Morcott disused railway line	1	David Cole
06/08/2016	Barrowden Road, Geeston		Rob Cooke
06/08/2016	Rutland Water Reed Bed	4	Ron Follows
06/08/2016	Rutland Water NR, Egleton	2	Paul Palmer
06/08/2016	Rutland Water NR, Egleton	1	Paul Palmer
06/08/2016	Rutland Water NR, Egleton	6	Paul Palmer
07/08/2016	Barnsdale Gardens, The Avenue, Exton	- 1	Vic Arnold
08/08/2016	Eyebrook Reservoir, The Dam	7	Ron Follows
10/08/2016	Barrowden Road, Geeston		Rob Cooke
11/08/2016	Barrowden Road, Geeston		Rob Cooke
17/08/2016	Luffenham Heath G.C.	11	Ron Follows
23/08/2016	Rutland Water Reed Bed	2	Ron Follows
23/08/2016	Charnwood Lodge NR, Gisborne's Gorse	12	CLVG
	and the state of t		Control of the Party of

Hoary Footman





21/06/2016 St Swithins Road, Leicester 25/06/2016 St Swithins Road, Leicester 14/07/2016 Delaware Road, Leicester 28/07/2016 Delaware Road, Leicester 06/08/2016 St Swithins Road, Leicester 02/09/2016 St Swithins Road, Leicester

- Adrian Russell Gen det AJM
- 1 Adrian Russell
- 1 Andy Mackay
- 1 Andy Mackay
- 1 Adrian Russell Gen det AJM
- 1 Adrian Russell

Hoary Footman (*Eilema caniola*)



- Scarce Footman (*Eilema complana*)

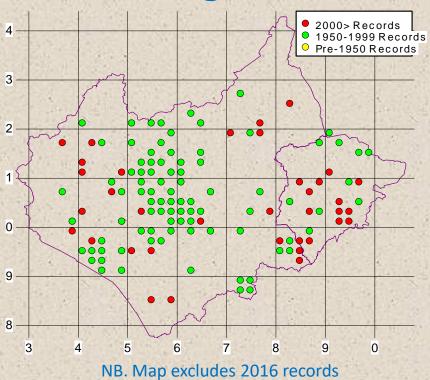
- Forewing pale silvery grey, with little yellow on costa
- Hindwing very pale/whitish

- Forewing darker grey with more yellowish suffusion
- Hindwing straw coloured

Please keep a look out for this species and retain specimens for confirmation

2017 Annual Moth Recorders Meeting

Garden Tiger





13/04/2016	Wakeley Farm, Lutterworth Road, Walcote
14/05/2016	Ullesthorpe Stewardship Farm
23/06/2016	Dovecote Close, Barrowden
28/06/2016	Wakeley Farm, Lutterworth Road, Walcote
09/07/2016	Wakeley Farm, Lutterworth Road, Walcote
12/07/2016	Eyebrook Reservoir, The Dam
16/07/2016	Delaware Road, Leicester
18/07/2016	Luffenham Heath G.C.
19/07/2016	Dunbar Way, Ashby de la Zouch
23/07/2016	Willesley Woodside
and the second s	THE RESERVE OF THE PARTY OF THE

24/07/2016 Eyebrook Reservoir, The Dam

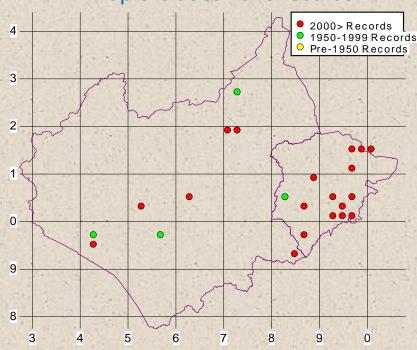
9 Iarvae	Jamie Gould
Larva	Craig Mabbett
1	Ron Follows
16	Jamie Gould
1	Jamie Gould
1	Ron Follows
1	Andy Mackay
1	Ron Follows
1	Sean Wileman
3	Sean Wileman
1	Ron Follows

	1	Records
	2011	1
2016 was the	2012	2
best year for	2013	5
this species for	2014	6
a long while:	2015	8
	2016	11
The state of the s		THE RESERVE TO SHARE THE PARTY OF THE PARTY

Light Brocade



NB. Map excludes 2016 records



30/05/2016 Ervin Way, Queniborough 08/06/2016 Dovecote Close, Barrowden 09/06/2016 Luffenham Heath G.C.

1 John Tinning

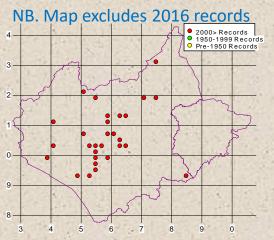
1 Ron Follows

L Ron Follows

2017 Annual Moth Recorders Meeting

Small Ranunculus





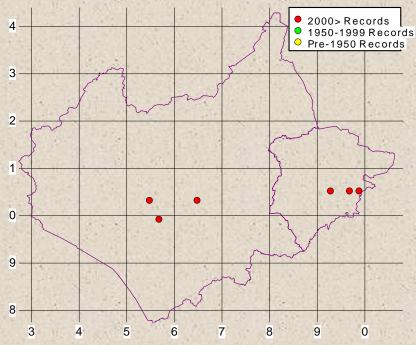




Scarlet Tiger



NB. Map excludes 2016 records



27/04/2016 Weston Road, Edith Weston 04/07/2016 Sycamore Way, Littlethorpe 05/07/2016 Earl Shilton 08/07/2016 Croft allotments 21/09/2016 Weston Road, Edith Weston

Larvae Steven Lewis
2 Tony Fletcher
1 Carl Baggott
2 Sally Cunningham
Larvae Steven Lewis

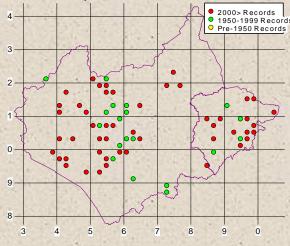




Broad-barred White







This is another species that isn't as common as it used to be

- 20/06/2016 Rosedale Road, Wigston Magna 06/07/2016 Croft Road, Thurlaston 11/08/2016 Evelyn Road, Braunstone
- 1 Rod Baker
- 1 Ted Gaten
- 1 Leonard Holton

Smoky Wainscot



Common Wainscot

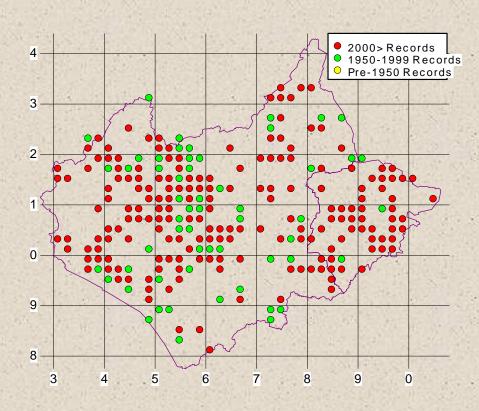


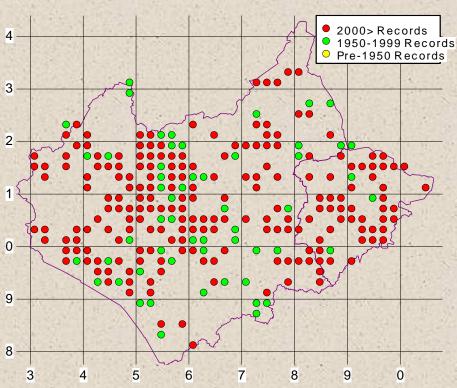
253 records/1,015 moths in 2016

219 records/488 moths in 2016

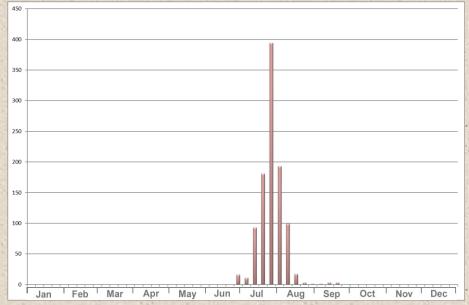
Smoky Wainscot

Common Wainscot

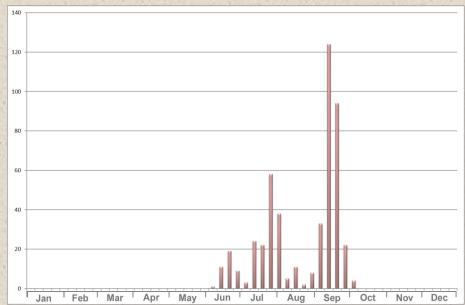




Smoky Wainscot



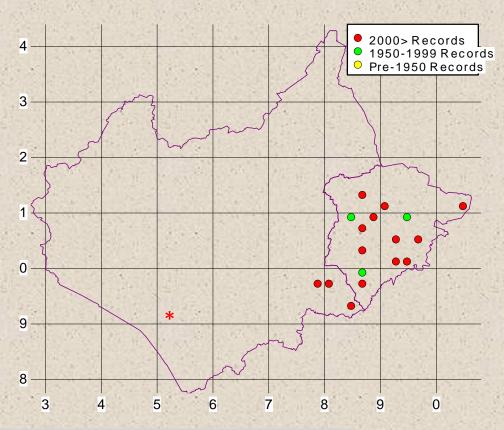
Common Wainscot



Single generation, June to August. A small second generations sometimes reported in southern England Two overlapping generations in southern Britain and tending to spread northwards, late May to October

Large Ranunculus



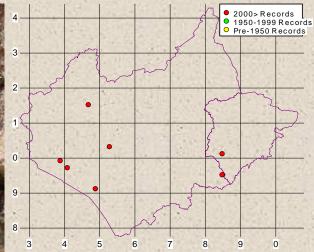


- 17/09/2016 Dovecote Close, Barrowden
- * 18/09/2016 Geveze Way, Broughton Astley 07/10/2016 Dovecote Close, Barrowden
- 1 Ron Follows
- 1 Craig Mabbett 1st from west of county
- 1 Ron Follows

Dotted Chestnut



NB. Map excludes 2016 records

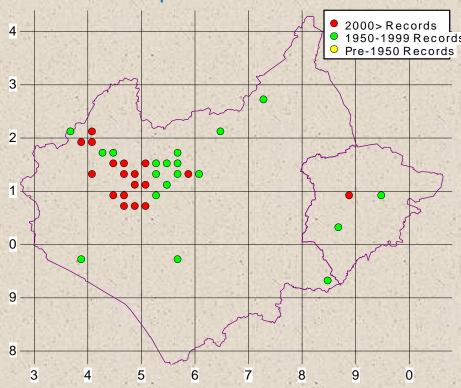


- 03/04/2016 St Swithins Road, Leicester 07/05/2016 Luffenham Heath G.C.
- L Adrian Russell
- 1 Ron Follows

Flounced Chestnut



NB. Map excludes 2016 records

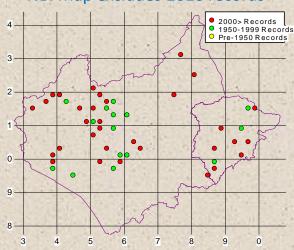


- 25/09/2016 The Square, Bagworth 25/09/2016 Rutland Water NR, Egleton
- 1 Sue Timms
- 1 Paul Palmer

Ear Moth

18/07/2016 Bradgate Park, Deerbarns Michael Braker 21/07/2016 Bradgate Park, Deerbarns Michael Braker 24/07/2016 St Swithins Road, Leicester Adrian Russell 24/07/2016 Delaware Road, Leicester **Andy Mackay** 24/07/2016 Bradgate Park, Deerbarns 6 Michael Braker 25/07/2016 Bradgate Park, Deerbarns Michael Braker 25/07/2016 Bradgate Park, Deerbarns Michael Braker Michael Braker 26/07/2016 Bradgate Park, Deerbarns 6 27/07/2016 Charnwood Lodge NR, Bomb Rocks CLVG Michael Braker 28/07/2016 Bradgate Park, Deerbarns 8 01/08/2016 Bradgate Park, Deerbarns Michael Braker 10 03/08/2016 Bradgate Park, Deerbarns Michael Braker 05/08/2016 Shanklin Gardens, Leicester Forest East Dave Gamble 07/08/2016 Delaware Road, Leicester Andy Mackay 07/08/2016 Bradgate Park, Deerbarns Michael Braker 09/08/2016 Charnwood Lodge NR, Top of Marl field CLVG 11/08/2016 Bradgate Park, Deerbarns Michael Braker 18/08/2016 Bradgate Park, Deerbarns Michael Braker 6 25/08/2016 Bradgate Park, Deerbarns Michael Braker 30/08/2016 Bradgate Park, Deerbarns Michael Braker 01/09/2016 Bradgate Park, Deerbarns Michael Braker 06/09/2016 Bradgate Park, Deerbarns Michael Braker 08/09/2016 Bradgate Park, Deerbarns Michael Braker

NB. Map excludes 2016 records

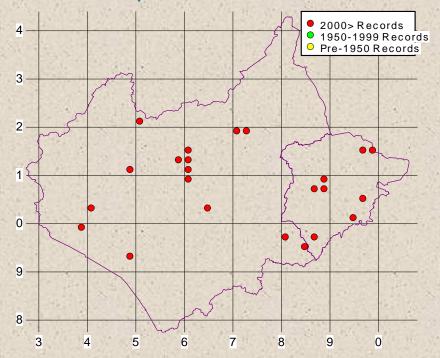




Twin-spotted Wainscot







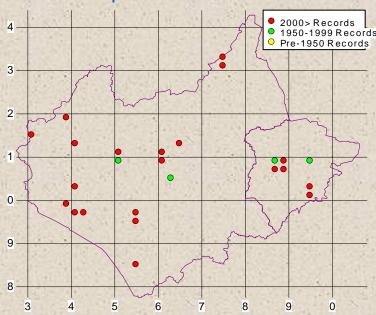
- 12/08/2016 Glen Parva NR
 13/08/2016 Moira youth hostel grounds
 16/08/2016 Grassholme Drive, Loughborough
 18/08/2016 The Belt, South Kilworth
 22/08/2016 Ervin Way, Queniborough
 22/08/2016 Delaware Road, Leicester
 23/08/2016 St Swithins Road, Leicester
 23/08/2016 Croft Road, Thurlaston
 23/08/2016 Rutland Water Reed Bed
 05/09/2016 Foxton Locks
 07/09/2016 Rutland Water Reed Bed
- 1 Harry Ball
- 1 Adrian Russell
- 2 Dave Robinson
- 1 Adrian Russell
- 1 John Tinning
- 1 Andy Mackay
- 1 Adrian Russell
- 1 Ted Gaten
- 27 Ron Follows
- 1 Adrian Russell
- 1 Ron Follows

Four records, away from its normal reedbed habitat, on two consecutive days – some local movement at around this time?

Brown-veined Wainscot

11/07/2016	Rutland	Water	Reed Bed		1	Ron Follows
26/07/2016	Rutland	Water	Reed Bed		19	Ron Follows
29/07/2016	Rutland	Water	NR, Egletor		6	Paul Palmer
29/07/2016	Rutland	Water	NR, Egletor	1	1	Paul Palmer
29/07/2016	Rutland	Water	NR, Egletor	1	1	Paul Palmer
29/07/2016	Rutland	Water	NR, Egletor	1	1	Paul Palmer
29/07/2016	Rutland	Water	NR, Egletor	1	2	Paul Palmer
29/07/2016	Rutland	Water	NR, Egletor	İ	1	Paul Palmer
29/07/2016	Rutland	Water	NR, Egletor	1	3	Paul Palmer
06/08/2016	Rutland	Water	Reed Bed		61	Ron Follows
06/08/2016	Rutland	Water	NR, Egletor	ŀ	2	Paul Palmer
06/08/2016	Rutland	Water	NR, Egletor	1	4	Paul Palmer
14/08/2016	Rutland	Water	NR, Egletor	1	1	Paul Palmer
14/08/2016	Rutland	Water	NR, Egletor	1	1	Paul Palmer
14/08/2016	Rutland	Water	NR, Reedbe	ed edge	1	Paul Palmer
14/08/2016	Rutland	Water	NR, Egletor	1	1	Paul Palmer
23/08/2016	Rutland	Water	Reed Bed		41	Ron Follows
07/09/2016	Rutland	Water	Reed Bed		1	Ron Follows

NB. Map excludes 2016 records





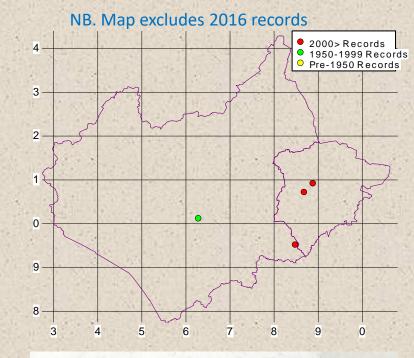
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Webb's Wainscot



06/08/2016 Rutland Water Reed Bed 23/08/2016 Rutland Water Reed Bed 28/08/2016 Cosby Road, Littlethorpe 06/09/2016 Burley Road, Oakham 07/09/2016 Rutland Water Reed Bed 12/09/2016 Harecroft Crescent, Sapcote 12/09/2016 Rutland Water Reed Bed

- 1 Ron Follows
- 2 Ron Follows
- 1 Michael & Samantha Lester
- 1 Erik Ansell
- 1 Ron Follows
- 1 Graham Calow
- 1 Ron Follows

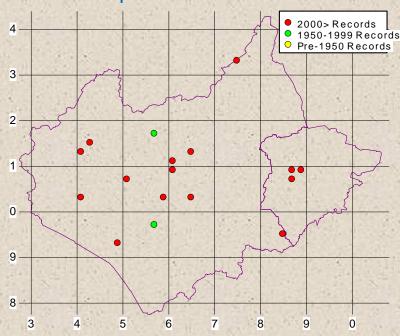




Silky Wainscot







- 11/07/2016 Rutland Water Reed Bed 16/07/2016 Rutland Water NR, Egleton 23/07/2016 Croft Drive, Wigston 26/07/2016 Rutland Water Reed Bed 29/07/2016 Rutland Water NR, Egleton
- 9 Ron Follows
- 2 Paul Palmer
- 1 Adam & Stuart Poole
- 8 Ron Follows
- 1 Paul Palmer

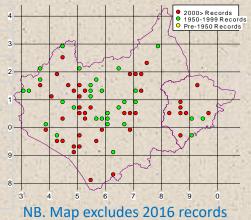
Small Yellow Underwing



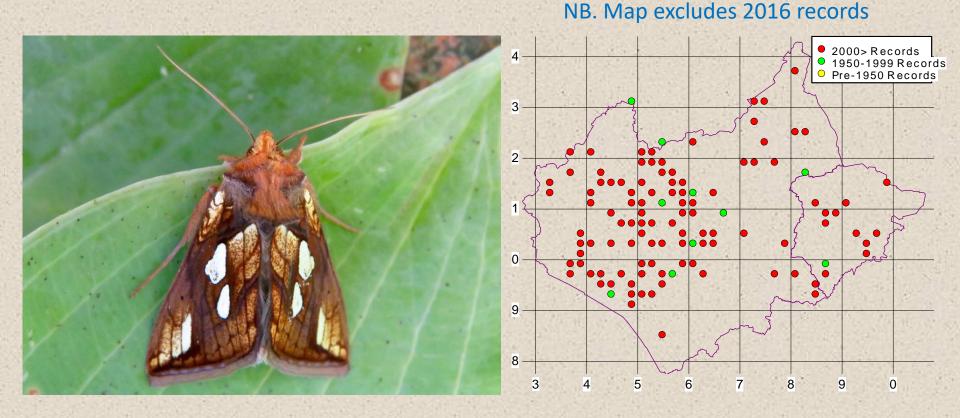


09/05/2016 Narborough Bog NR
14/05/2016 Rough Hill, Newtown Linford
16/05/2016 Aylestone Meadows, The Spearwort Fields
03/06/2016 Clump Hill Fields, Broughton Astley
04/06/2016 Glen Hills
06/06/2016 Rough Hill, Newtown Linford
06/06/2016 Lea Meadows NR
12/06/2016 Merry's Meadows NR

- David Gould
- 1 Kate Nightingale
- 1 David Gould
- 1 Craig Mabbett
- 1 Matthew Billings
- 4 Adrian Russell
- 2 Kate Nightingale
- 1 Alan Cann



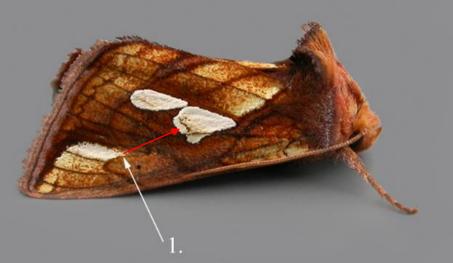
Gold Spot



2016: 95 records & 145 moths

Lempke's Gold Spot has never been recorded from the county, but it is worth keeping an eye out for it. Retain any such moths for confirmation.

Gold Spot Plusia festuca



Lempke's Gold Spot *Plusia putnami*

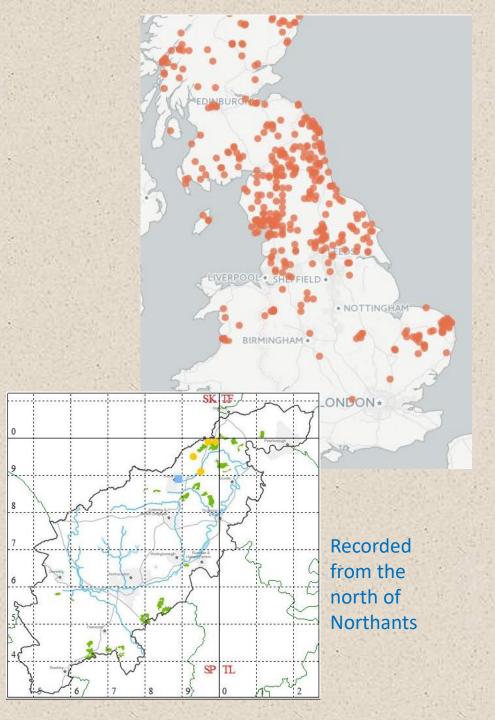


Shape of the post median line where it meets the silver dash is distinctive. In Gold-spot the line is very acutely angled, pointing to the forward blotch, resulting in a pointed and long silver dash, 1.

In Lempke's Gold Spot it is more obtuse, pointing to the rear blotch, resulting in a shorter, broader inner apical streak, 2.

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Four-spotted



4 2000> Records 1950-1999 Records Pre-1950 Records

9

NB. Map excludes 2016 record

04/06/2016 Essendine railway banks

1 Andrew Harrop

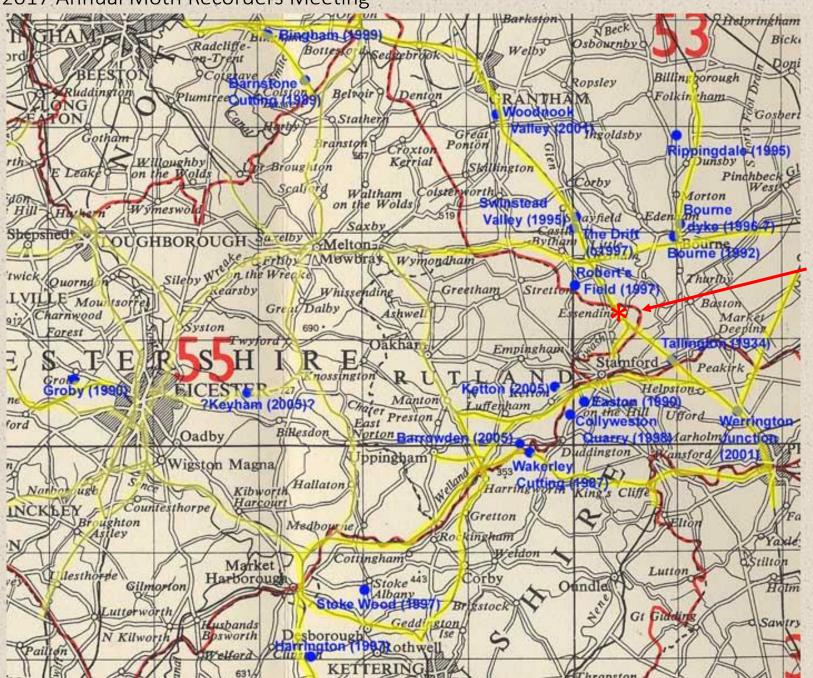
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8

2017 Annual Moth Recorders Meeting



Essendine record, further highlighting the close association with active & disused railway lines (yellow) in area.

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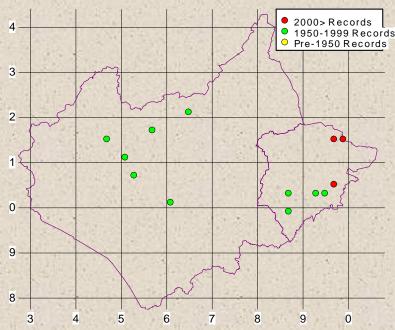
Essendine railway embankment.

N.B. There is no public access to this Network Rail land

Common Heath



NB. Map excludes 2016 records



- 08/05/2016 Ketton Quarry NR 09/05/2016 Ketton Quarry NR 28/05/2016 Clipsham Quarry 08/06/2016 Essendine railway banks 11/06/2016 Clipsham Quarry
- 3 Alan Cann
- 4 Ron Follows
- 2 Paul Bennett
- 1 Adrian Russell
- 1 Martin Grimes

MIGRANTS

2017 Annual Moth Recorders Meeting



INVASION OF THE SUPERMOTHS

Biblical two-mile wide clouds of pesticide-resistant insects set to descend on UK

Huge swarm of super moths have invaded Britain from Europe and could devastate farmers crops

Remember the big moth story of 2016?!

A BIBLICAL swarm of pesticide-resistant super moths has invaded Britain – and is s to annihilate our cabbages.

Tens of millions of the diamondback moths have flooded in from Europe in just weeks – with reports of TWO MILE wide clouds of the moths.



This is a diamondback moth, swarms of which have invaded the UK from Europe and could destroy crops of cabbages and cauliflowers

The critters feast on cauliflower and cabbages and could devastate farmers crops across South East countryside unless scientists find their "Achille's heel".

The invaders are said to be resistant to current chemicals and scientists are franticall searching for a way to stop the dusty-coloured bugs.

Following reports of a two-mile wide cloud of the pests near Leominster, Herefordshir on @migrantmothUK one follower described the scene as like "driving through rain".

Steve Nash, from who runs the Twitter account, warned: "Once the progeny of this influx arrives in mid-July, numbers could be biblical."

Diamond-back Moth



07/05/2016 Luffenham Heath G.C.

1 Ron Follows

The first arrival in VC55 in 2016

	28/05/2016	Grassholme Drive, Loughborough	1	Dave Robinson
	30/05/2016	Harecroft Crescent, Sapcote	2	Graham Calow
	30/05/2016	Delaware Road, Leicester	1	Andy Mackay
	30/05/2016	Hayes Close, Whitwick	1	Margaret McLoughlin
	31/05/2016	St Swithins Road, Leicester	14	Adrian Russell
	31/05/2016	Ervin Way, Queniborough	24	John Tinning
	31/05/2016	Croft Road, Thurlaston	2	Ted Gaten
	31/05/2016	Shenton Estates, Millfield	50	Stephen Smith
1	31/05/2016	Shenton Estates, Towers	15	Stephen Smith
	01/06/2016	St Swithins Road, Leicester	8	Adrian Russell
	01/06/2016	Harecroft Crescent, Sapcote	23	Graham Calow
	01/06/2016	High Cross Road, Claybrooke Magna	10	Graham Calow
	01/06/2016	Main Road, Claybrooke Magna	1	Graham Calow
	01/06/2016	Claybrooke Magna, near High Cross	1	Graham Calow
0.11	01/06/2016	Dovecote Close, Barrowden	8	Ron Follows
	01/06/2016	Albert Promenade, Loughborough	74	Steve Lister
	01/06/2016	Knighton churchyard) · v	Steve Woodward
	01/06/2016	County Hall, Glenfield	5	Mike Higgott

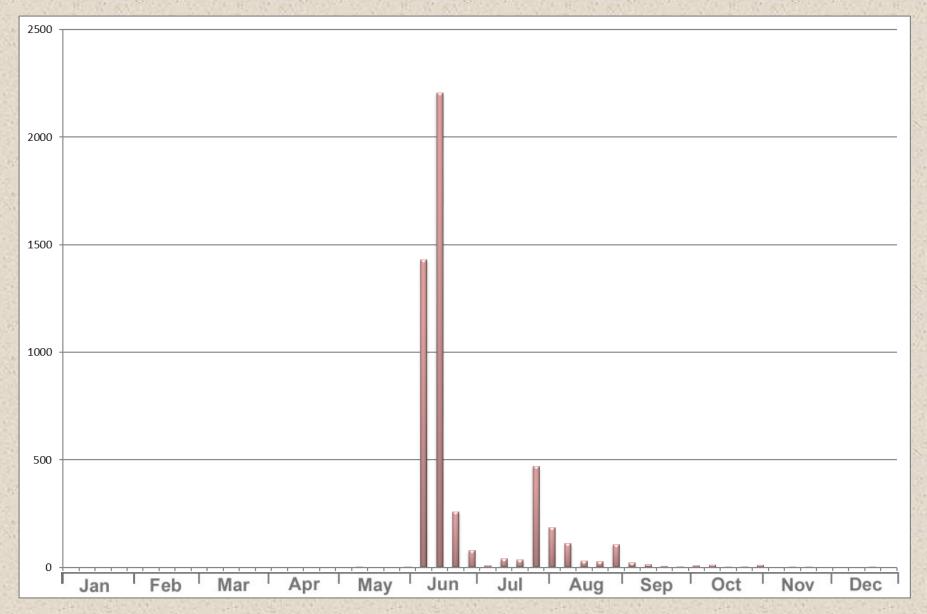
The numbers began to increase in late May

02/06/2016 St Swithins Road, Leicester	7	Adrian Russell	
02/06/2016 Harecroft Crescent, Sapcote	10	Graham Calow	
02/06/2016 Claybrooke Magna	6	Graham Calow	
02/06/2016 Charnwood Lodge NR	3	Kate Nightingale	
02/06/2016 Charnwood Lodge NR	2	Kate Nightingale	
02/06/2016 The Square, Bagworth	6	Sue Timms	
02/06/2016 Eyebrook Reservoir, The Dam	71	Ron Follows	
02/06/2016 Hayes Close, Whitwick	2	Margaret McLoughlin	
02/06/2016 Croft Drive, Wigston	14	Adam & Stuart Poole	
02/06/2016 Shanklin Gardens, Leicester Forest East	6	Dave Gamble	
02/06/2016 Shenton Estates, Donkeyfield	30	Stephen Smith	
02/06/2016 Oaks in Charnwood churchyard	100	Steve Woodward Hundreds	
02/06/2016 Charnwood Lodge NR, Gisborne's Gorse	1	Charnwood Lodge Volunteer Group	
02/06/2016 Windmill End, Rothley	5	Les Purnell	
02/06/2016 Melton Country Park	30	Paul Ruddoch 30+	
02/06/2016 Raynes Walk, Melton Mowbray	15	Paul Ruddoch	

.....and increased into early June......

03/06/2016 St Swithins Road, Leicester	49	Adrian Russell
03/06/2016 Leicester University Botanic Garden, Oadby	201	Adrian Russell
03/06/2016 Harecroft Crescent, Sapcote	30	Graham Calow
03/06/2016 Sharnford, near High Cross	12	Graham Calow
03/06/2016 The Square, Bagworth	100	Sue Timms
03/06/2016 Dawn's Paddocks, Braunston	58	Ron Follows
03/06/2016 Cosby Road, Littlethorpe	45	Michael & Samantha Lester
03/06/2016 Shanklin Gardens, Leicester Forest East	28	Dave Gamble
03/06/2016 Shenton Estates, North Farm	32	Stephen Smith
03/06/2016 Geveze Way, Broughton Astley	4	Craig Mabbett
03/06/2016 Knighton		Alan Cann
03/06/2016 Long Clawson	1	Barbara Cooper
03/06/2016 Anstey garden	1	Mike Higgott
03/06/2016 County Hall, Glenfield	1	Mike Higgott
03/06/2016 Dunbar Way, Ashby de la Zouch	21	Sean Wileman
03/06/2016 Peters Avenue, Newbold Verdon	4	Peter Sykes
03/06/2016 Stanley Road, Market Bosworth	13	David & Mary Penton
03/06/2016 Coronation Avenue, Broughton Astley	19	Kirsty & Richard Gamble
03/06/2016 Martinsthorpe	60	Tim Caldicott
03/06/2016 Pintail Close, Whetstone	39	Mark Skevington
03/06/2016 Pintail Close, Whetstone	7	Mark Skevington
03/06/2016 Melton Country Park	12	Paul Ruddoch
03/06/2016 Raynes Walk, Melton Mowbray	12	Paul Ruddoch
	03/06/2016 Leicester University Botanic Garden, Oadby 03/06/2016 Harecroft Crescent, Sapcote 03/06/2016 Sharnford, near High Cross 03/06/2016 The Square, Bagworth 03/06/2016 Dawn's Paddocks, Braunston 03/06/2016 Cosby Road, Littlethorpe 03/06/2016 Shanklin Gardens, Leicester Forest East 03/06/2016 Shenton Estates, North Farm 03/06/2016 Geveze Way, Broughton Astley 03/06/2016 Knighton 03/06/2016 Long Clawson 03/06/2016 Anstey garden 03/06/2016 County Hall, Glenfield 03/06/2016 Dunbar Way, Ashby de la Zouch 03/06/2016 Peters Avenue, Newbold Verdon 03/06/2016 Stanley Road, Market Bosworth 03/06/2016 Coronation Avenue, Broughton Astley 03/06/2016 Martinsthorpe 03/06/2016 Pintail Close, Whetstone 03/06/2016 Melton Country Park	03/06/2016 Leicester University Botanic Garden, Oadby 201 03/06/2016 Harecroft Crescent, Sapcote 30 03/06/2016 Sharnford, near High Cross 12 03/06/2016 The Square, Bagworth 100 03/06/2016 Dawn's Paddocks, Braunston 58 03/06/2016 Cosby Road, Littlethorpe 45 03/06/2016 Shanklin Gardens, Leicester Forest East 28 03/06/2016 Shenton Estates, North Farm 32 03/06/2016 Geveze Way, Broughton Astley 4 03/06/2016 Knighton 1 03/06/2016 Long Clawson 1 03/06/2016 Anstey garden 1 03/06/2016 County Hall, Glenfield 1 03/06/2016 Dunbar Way, Ashby de la Zouch 21 03/06/2016 Peters Avenue, Newbold Verdon 4 03/06/2016 Stanley Road, Market Bosworth 13 03/06/2016 Coronation Avenue, Broughton Astley 19 03/06/2016 Martinsthorpe 60 03/06/2016 Pintail Close, Whetstone 7 03/06/2016 Melton Country Park 12

.....numbers were peaking by 3rd June.....



Diamond-back Moth – Highest counts in 2016

	transfer to the second of the	4520 4/2 3	
05/06/2016	Welby	500	Steven Lewis
03/06/2016	Leicester University Botanic Garden, Oadby	201	Adrian Russell
09/06/2016	Leicester University Botanic Garden, Oadby	125	Adrian Russell
07/06/2016	Rutland Water Reed Bed	115	Ron Follows
11/06/2016	St Swithins Road, Leicester	112	Adrian Russell
09/06/2016	Shenton Estates, Millfield	103	Stephen Smith
02/06/2016	Oaks in Charnwood churchyard	100+	Steve Woodward
03/06/2016	The Square, Bagworth	100+	Sue Timms
06/06/2016	Pintail Close, Whetstone	98	Mark Skevington
07/06/2016	St Swithins Road, Leicester	92	Adrian Russell
07/06/2016	Pintail Close, Whetstone	90	Mark Skevington
11/06/2016	Delaware Road, Leicester	78	Andy Mackay
06/06/2016	Croft Drive, Wigston	76	Adam & Stuart Poole
01/06/2016	Albert Promenade, Loughborough	74	Steve Lister
02/06/2016	Eyebrook Reservoir, The Dam	71	Ron Follows
03/06/2016	Martinsthorpe	60	Tim Caldicott
03/06/2016	Dawn's Paddocks, Braunston	58	Ron Follows
04/06/2016	Croft Drive, Wigston	56	Adam & Stuart Poole
11/06/2016	Shanklin Gardens, Leicester Forest East	52	Dave Gamble
31/05/2016	Shenton Estates, Millfield	50	Stephen Smith
04/06/2016	St Swithins Road, Leicester	50	Adrian Russell
09/06/2016	Pintail Close, Whetstone	50	Mark Skevington
06/06/2016	Hinckley Road, Dadlington	50	Ray Morris
		CALL TO SERVICE	

In reality, there were often too many too count!

645 Records & a total count of 5,398 moths

Biblical!

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Vestal



27/06/2016 St Marys Road, Leicester 16/07/2016 Barton Road, Carlton

25/08/2016 St Swithins Road, Leicester

26/08/2016 Rosedale Road, Wigston Magna

26/08/2016 Barton Road, Carlton

28/08/2016 Rosedale Road, Wigston Magna

30/08/2016 Bradgate Park, Deerbarns

02/09/2016 Shenton Estates, Camp Close

06/09/2016 Delaware Road, Leicester

06/09/2016 Barton Road, Carlton

14/09/2016 St Swithins Road, Leicester

14/09/2016 Shanklin Gardens, Leicester Forest East

15/09/2016 Harecroft Crescent, Sapcote

23/09/2016 Leicester Road, Quorn

Packer Avenue, Leicester Forest East



- L Ron Ellis
- 2 Angela Davies
- 1 Adrian Russell
- 1 Rod Baker
- 1 Angela Davies
- 1 Rod Baker
- 1 Michael Braker
- 1 Rosalind Smith
- 1 Andy Mackay
- 2 Angela Davies
- 1 Adrian Russell
- 1 Dave Gamble
- 1 Graham Calow
- 1 Ann Brown Harry Ball

Gem



23/08/2016 Rutland Water Reed Bed 1 05/09/2016 Delaware Road, Leicester 1

- 1 Ron Follows
- 1 Andy Mackay

Convolvulus Hawk-moth





13/0	09/2016	Hinckley garden
14/0	09/2016	Burleigh Road, Hinckley
15/0	09/2016	Foresters Row, East Goscote
23/0	09/2016	Stamford Road, Essendine
29/0	09/2016	Hallaton

- 1 Adrian Baker
- 1 David Taylor
- 1 Mel Sattersthwaite
- 1 Stuart Park
- 1 Marcus Kirby

Humming-bird Hawk-moth



21/06/2016 Grassholme Drive, Loughboroug 28/06/2016 Normanton Road, Edith Weston 19/07/2016 Thurnby garden 29/07/2016 Lyddington 05/08/2016 Packer Avenue, Leicester Forest 21/09/2016 Weston Road, Edith Weston 17/10/2016 Windmill End, Rothley

- 2 Dave Robinson
- 1 Vic Arnold
- 1 John Rowley
- 1 Peter Tomalin
- 1 Paul Skidmore
- 1 Steven Lewis
- 1 Les Purnell

Few records in 2016

Delicate



07/12/2016 St Swithins Road, Leicester

1 Adrian Russell

This very late moth was even more worn than the one in the photograph above!

Scarce Bordered Straw



05/09/2016 Delaware Road, Leicester

1 Andy Mackay

The End

Thanks to everyone for their records, photos & enthusiasm