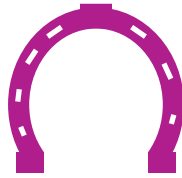




ANNUAL REPORT 2015

50 years exploring, recording and conserving Rutland's wildlife



Founded in February 1965 the RUTLAND NATURAL HISTORY SOCIETY (RNHS) has over 300 members.

The objectives of the Society are to further the cause of Natural History by encouraging people to take an interest in wildlife and its conservation. It does this by studying and recording Rutland's wildlife in particular, and exchanging information with other bodies.

Our website www.rnhs.org.uk provides current information about Society events, it also provides access to our newsletter, *Fieldfare* (published six times a year) and the Society's *Annual Report*.

The RNHS organises field outings within Rutland and further afield throughout the year. Over the winter indoor meetings are held at Voluntary Action Rutland (VAR), Lands End Way, Oakham.

The Society depends upon its Recorders, Members and many friends to maintain and up date information about Rutland's natural history. We are particularly grateful to the following who have provided RNHS with information over the past year, and apologise if the compiler has overlooked anyone when putting this report together.

Recorders and contributors to 2015 Fieldfares

Ansley, J	Favell, C	Lister, S	Perril, D
Appleton, T	Follows, R	Mackrill, T	Proud, S
Arnold, V	Fraser, R & V	Markham, M	Rasmussen, K
Barrowden residents	Gallimore, C H	Martin, D	Rodgers, J & J
Bennett, P	Galpin, B	Mallett, J	Rudkin, P
Biddle, A	Gardiner, C	Mann, E	Rudkin, S
Biddle, L	Griffin, M	Mann, P	Rumbelow, M
Branston, M	Griffin, G	Martin, D [RW]	Russell, A
Brown, L	Grimes, M	Masters, D	RWNR
Brown, R	Halford, W	Merriman, S	Scott, P
Bryan, J [RW]	Hall, G	McKenzie, D	Simmonds, P
BSBI §	Harris, J	Mills, R	Stanier, H
Burger, I	Harrop, A H J	Misselbrook, I	Stringer, R N [BPGS]
Burger, L	Harvey, J	Mitcham, T	Tailby, K
Butterfield, C	Harvey, R	Moffat, T	Taylor, B
Caldicott, T	Higginbottom, T [BPGS]	Moore, B	Taylor, J
Carrier, D	Hill, A	Murie, B	Thorp, A R
Castle, R	Hope, S	Myers, J	Thorp, M A
Chiverton, G	Iken, H	Needham, D	Tomlinson, A
Cole, D	Ingall, F	Nelson, C	Trevor, D
Collins, M	de Jardin, J	Nicholls, B	Webb, N
Comber, A	Jones, C R	Nicholls, E	Webster, B
Comber, J	JSR	Northen, E	Whele, S
Cotter, D	Killips, P	Nourish, J	Whitefield, D
Coughlan, P & M	Land, T	Nourish, M	Whiteford, J
Davis, T	Langston, P	Ostler, J	Wicikowshi, A [RW]
Edwards, C	Lawrence, A L	Park, C	Williams, T
Edwards, R	Lear, A	Park, L	Woodward, S
Ellis, H	Lemmon, R	Parker, B	Wright, J
Ellis, P		Parker, D	Worrall, L

§ Botanical Society of Britain & Ireland

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OFFICERS

President	EH Hanbury	Cow Close Farm, Exton Lane, Burley, Rutland LE15 7TA
Vice Presidents	Dr CR Jones P Rudkin	
Chairman	Linda Biddle	21 Waverley Gardens, Stamford PE9 1BH 01780 762108 abiddle21@talktalk.net
Hon. Secretary	Roy Edwards	4 Windsor Drive, Oakham LE15 6SN 01572 757205 royedwards@gmail.com
Hon. Treasurer & Membership	Margaret Conner	24 Burrough Road, Somerby, Melton Mowbray LE14 2PP 01664 454532 mjconner100@gmail.com

COMMITTEE

	Gill Chiverton Jenny Harris Jenny Rivett	
Programme Secretary	Dawn Whitefield	Dairy Cottage, 33 Somerby Road, Knossington LE15 8LY 01664 454578
Website and Publicity	Peter Scott	15 Tees Close, Oakham LE15 6SP 01572 720349 peter.scott27@btinternet.com
Fieldfare Editor	Hendrina Ellis	Old Hunt's Maltings, Water Street, Stamford PE9 2NJ 01780 482048 hendrinawe@gmail.com

RECORDERS

Amphibians and reptiles	Dr Charles Gallimore	The Stone House, Reeves Lane, Wing LE15 8SD 01572 737343 chasgall@hotmail.com
Bats	Jenny Harris	41 Woodland View, Oakham LE15 6EJ 01572 755274 jharris@lrwt.org.uk
Birds	Terry Mitcham	30 Sutherland Way, Stamford, PE9 2TB 01780 751268 joterpat@btinternet.com
Botany	John Rodgers	8 Summerfield, Oakham LE15 6PZ 01572 757278 rnhsbotanyrecord@gmail.com
Butterflies	Alistair Lawrence	11 Edmonton Way, Oakham, Rutland LE15 6JE 01572 770492
Moths	Jean & Ron Harvey	4 Clarkesdale, Great Easton LE16 8SP 01536 770259 jean-harvey@realemail.co.uk
Glow-worms	Linda Worrall	6 Redland Close, Barrowden LE15 8ES 01572 747302 worrall6redland@talktalk.net
Insects and others	Gill Chiverton	20 Victoria Rd, Stamford PE9 1HB 01780 753820 gill.chiverton@googlemail.com
Mammals	Linda Biddle	21 Waverley Gardens, Stamford PE9 1BH 01780 762108 abiddle21@talktalk.net
Orthoptera	Phil Rudkin	10 Brooke Avenue, Stamford PE9 2RU 01780 762998 phil.rudkin@talktalk.net
Plant galls	Roy Lemmon	87 Empingham Road, Stamford PE9 2SU 01780 762051 roy.lemmon@yahoo.co.uk

Chairman's Report 2015

From the outset the Committee wanted to mark the occasion of the Society's 50th anniversary in some special way, and by raising general awareness of the existence of RNHS attract new, and if possible younger, members.

To broaden the Society's appeal the Committee decided that its publications needed to have a more modern and uniform format. As a first step *Fieldfare* was redesigned, went digital, and part was printed in colour. This produced an attractive publication that all members have enjoyed, and we thank Hendrina Ellis for her efforts. However this very success was a problem, in that some members who had previously opted for receiving just a digital copy found the printed *Fieldfare* so attractive that they changed their minds – thereby defeating the cost-cutting and eco objectives behind the digital offer!

For eight years Hendrina has also edited the *Annual Report*. She now wishes to reduce her workload and has handed over the editing of this year's report to her husband. We thank her most sincerely for her patient dedication and hard work and wish Paul well.

In May we held a special celebration event at the Wilson Auditorium at Oakham School. A total of 120 members and friends enjoyed drinks and nibbles before popular TV wildlife personality Mike Dilger gave a highly entertaining account of *The Trials And Tribulations of a Wildlife Presenter*. The evening turned out to be a thoroughly happy occasion, thanks to the efforts of many Committee and Society members.

Our usual programme of winter indoor meetings was well attended, a highlight in April being Phil Rudkin talking about the first *50 years of the RNHS*. Many early and long term members attended, including former secretary John Stapleton. This 'wander down memory lane' was greatly enjoyed by all. Our AGM was a *Recorders' Evening* and an opportunity to hear what they had been finding out during the year. The autumn season began with an excellent talk by Vin Fleming on *Earthstars and brittlegills* – fungi by a more romantic name – and was followed in October by a *Fungal Foray* in *Clipsham Park Wood*. Other outdoor meetings included a February visit to the hides at *Egleton*, and in May we had a really lovely visit to *Burley Wood* to see bluebells, with the added excitement of hearing Lesser Spotted Woodpeckers. The visit to *Whisby Nature Park* near Lincoln was less pleasant, the continual heavy rain spoiling what could have been a wonderful day. The park is an interesting one, with many bird species present, so may well be worth a return visit.

Many of our Recorders organised special workshops to celebrate 50 years of the RNHS, and these were hugely educational and enjoyable. Andy Lear of LRWT kindly led a *Botanical Workshop* – more accurately called a masterclass – at Greetham meadows, on a lovely day in June, and a wonderful array of wild flowers was seen and identifiable features expertly outlined. A

Moth Trapping evening was held at Clipsham Quarry, however the poor weather on the planned evening necessitated a day's delay, so unfortunately numbers attending were disappointing. Despite this and the cold a good evening's collection of Moth species was recorded. The *Orthopteran and Insect* meeting was held in July at Ketton Quarry, and – another innovation – we hired the scout hall at Ketton, so that we had facilities for an all-day affair, and with an attendance of 40 members this was greatly appreciated. The *Water Bird Workshop* at Fort Henry lakes in October and the *Bat Workshop* were also very well received.

The Society thanks all Recorders for the work that they routinely do, and especially for the time and effort involved in delivering these additional events for us this year.

To raise public awareness of the Society we took a stand at Rutland County show. We have not done this in recent years and quite strong winds made it a challenging/team-building weekend. Thanks are particularly due to Margaret Conner, David Cotter, and Peter Scott who manned the stand.

In Committee we have been concerned over safety of members at our meetings and our liabilities as Trustees. Consequently formal risk assessments and other procedures to address possible dangers, and comply with best practice, have been introduced.

A small group worked very hard with IT business Web Design Rutland to build a new user friendly and attractive website for the Society. This went live late May 2015. The ability to notify last-minute programme changes, has already proved useful. Any suggestions for improvements or development would be welcome.

In November, together with the LRWT, we co-promoted the launch of a new venture called *Wild Futures* and specifically aimed at 18-30 year-olds. The thinking behind this initiative is that a few *Wild Futures* members may go on to develop careers in conservation and the environment. This initiative is professionally supported and based at the new training facility on Rutland Water. Twelve members are already signed up and enjoy discounted membership of both RNHS and LRWT. It is hoped that knowledgeable members, with skills in wildlife identification and recording, may be able to assist if called upon.

To conclude 2015, has been busy with a lot of effort spent making out Anniversary year special. We hope that the measures we have taken to secure the Society's future have your support and whilst it is early to judge I can report that our membership numbers have risen. Finally as Chairman I would like to thank George Kirk, who has again audited our accounts, and the Committee for their tolerance, commitment and support to me, and the work they have put in on your behalf over the year.

Linda Biddle

TREASURER'S REPORT 2015

RNHS Income and Expenditure Account for Year Ended 31st December 2015 (charity number 514693)

	2014		2015
Income			
	2440	Subscriptions for Year	2610
	467	Gift Aid tax refund	475
	25	Visitors' donations	20
	30	Donations	10
	–	Celebrity Lecture	1392
	212	Interest received	147
	3174	Total Income	4654
Expenditure			
	511	Hall hire & caretaker	536
	17	Refreshments	44
	408	Speakers & visit leaders	343
	–	Field trips	55
	643	Fieldfare printing	1128
	272	Fieldfare distribution	294
	358	Annual report printing	400
	110	Annual report distribution	128
	62	Record & programme cards	37
	135	Insurance	167
	74	Postage, website etc	67
	40	L&RWT membership	40
	–	Celebrity Lecture	3199
	–	New website	1920
	–	Publicity leaflets	348
	–	Rutland Show	218
	20	Donations and gifts (Volunteer Centre)	100
	72	Big Bio Day	–
	2722	Total expenditure	9024
	452	Surplus/(Deficit)	(4370)
Reserves			
	10379	Balance brought forward	10831
	452	Surplus for year	(4370)
	10831	Balance carried forward §	6461
		§ includes £2000 Insurance Reserve	
Represented by			
	9932	Melton Mowbray Building Society	5180
	1745	Lloyds Bank	2057
	1	Petty Cash	1
	166	Insurance paid in advance	166
	(940)	Less Subs paid in advance	(870)
	(73)	Hall hire owing	(73)
	10831	Total	6461

Assets not included in above

Awards for All purchases, GPS units, and refreshment flasks

SIGNED *Margaret Conner*

Treasurer

dated: 18.02.2016

The above accounts are in accordance with the records produced to me

SIGNED *George Kirk ACIB*

Hon. Auditor

dated: 18.02.2016

Overall this was a dry year, the total rainfall being 86.5% of the long term mean (LTM of 25 years of rainfall recordings made in my Stamford garden). This was especially noticeable in the first half of the year, with June being very dry followed by a dry September, but the last three months all had above average rainfall.

The year started with a relatively warm January, February and March but temperatures in April through to September were all below normal. The remaining three months compensated for this, October was as expected, November was relatively warm and December exceptionally so, the warmest for a very long time.

Temperatures – min: lowest night record °C; max: highest daytime record °C.

January

min: -6.0°C on 18~19th; max: 15.1°C on 9th; mean min: 0.88°C; mean max: 7.64°C

Rainfall: 34.8mm; 70% of LTM

A dry month with a small amount of snow on 30th which didn't last; there was a windy period from 8th~15th and wind direction was generally SW-W until the 26th when it was W-NW until the end of the month.

February

min: -2.9°C on 31 Jan~1 Feb; max: 11.6°C on 25th; mean min: 1.05°C; mean max: 7.45°C

Rainfall: 33.5mm, 92% of LTM

On 2nd~4th there was a light covering of snow which went quickly. Winds were NW-N for the first half and thereafter SW-W. It was a sunny month.

March

min: -2.3°C on 7~8th; max: 16.1°C on 7th; mean min: 2.42°C; mean max: 11.25°C

Rainfall: 27.7mm, 72% of LTM

A dry month up to the last week in which 96% of the month's total fell. Again a sunny month; nationally only ten Marches in the last 100 were sunnier.

April

min: -0.4°C on 18~19th; max: 21.1°C on 10th; mean min: 3.95°C; mean max: 15.93°C

Rainfall: 16.5mm, 38% of LTM

Again a sunny month, the third sunniest in the past 100 and a very dry one, there were 20 days on which no detectable precipitation was seen.

May

min: 0.5°C on 30 April~1 May; max: 22.0°C on 21st; mean min: 6.77°C; mean max: 17.72°C

Rainfall: 51.8mm, 106% of LTM

A cool May, there were several periods in the month when gales occurred and at 17:00 hours on the 5th I recorded gusts up to 32 mph. Wind direction was very variable throughout the month.

June

min: 4.0°C on 8~9th; max: 31.1°C on 30th; mean min: 9.01°C; mean max: 22.02°C

Rainfall: 17.0mm, 35% of LTM

The first week saw gusty conditions and again it was a dry month. Wind direction was variable but there were two periods in the month when winds were NW-NE.

July

min: 5.5°C on 29~30th; max: 26.2°C on 1st; mean min: 11.24°C; mean max: 23.4°C

Rainfall: 66.5mm, 117% of LTM

A cyclonic month, barometric pressures were noticeably depressed and rain fall was above average, which went some way to offset previous dry months.

August

min: 7.6°C on 15~16th; max: 30.0°C on 22nd; mean min: 12.17°C; mean max: 22.89°C

Rainfall: 72.6mm, 112% of LTM

A cool August, atmospheric pressures were very variable as were wind directions and speeds. At 09:00 hours on the 14th there was no detectable wind and visibility here was 300m, such low visibility is unusual for August.

September

min: 3.5°C on 24~25th; max: 23.0°C on 10th; mean min: 7.83°C; mean max: 18.96°C

Rainfall: 29.1mm, 58% of LTM

A cool September, the coolest in the last 10 years and also a dry one, the month ended with a typical anticyclone with high pressures, no rain and low or nil wind speeds.

October

min: 0.6°C on 24th~25th; max: 21.5°C on 30th; mean min: 7.04°C; mean max: 15.6°C

Rainfall: 57.7mm, 91% of LTM

Generally a month of high atmospheric pressures with one period, the 10th~19th when winds were northerly and of low speeds; no rain fell on 15 days and on a further eight amounts were below 1mm.

November

min: -3.1°C on 20~21st; max: 17.0°C on 1st, 4th and 9th; mean min: 5.93°C; mean max: 12.9°C

Rainfall: 58.4mm, 101% of LTM

A month notable for some very windy days with gusts up to 25 mph especially in the first half of the month; a warm November, the warmest here in the decade, 2006~2015.

December

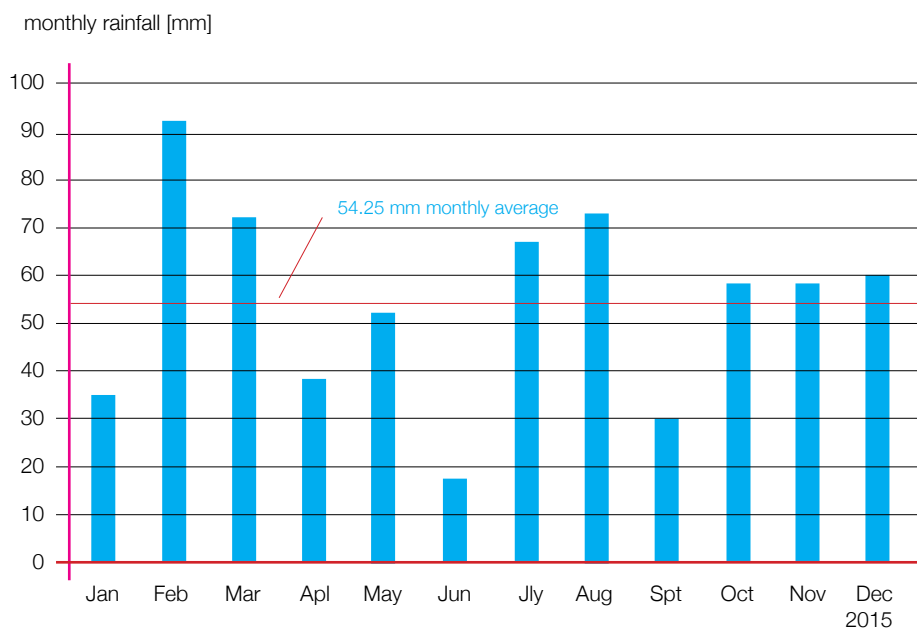
min: -0.9°C on 30~31st; max: 15.6°C on 19th; mean min: 6.37°C; mean max: 12.55°C

Rainfall: 60.2mm, 120% of LTM

An exceptionally warm December and although a wet one here it was eclipsed by torrential rain and serious flooding in NW England and Scotland.

Rainfall

The total for the year in Stamford was 525.8mm (20.7 inches) which is 86.5% of my LTM of 25 years.



Although frogs were less widely reported than in previous years, other species of amphibian and reptile showed no significant change in abundance or distribution in 2015. There were more records of **Grass Snakes** than in an average year but this was due to more intensive searching. Reptiles were found for the first time in two parishes – a **Slow Worm** in Egleton and a **Grass Snake** in Essendine – and a toad record from Morcott was the first for nearly 30 years. There were no records of aliens fortunately this year. The first **frog spawn** was noted on 7th March, which is close to the average date for the first spawn. **Toads** were about well into winter with a freshly dead specimen being found on 4th December.

In order to find out whether there were reptiles other than Grass Snakes at Rutland Water Nature Reserve, a survey was carried out in areas where there had been historic records of Slow Worm and Viviparous Lizard as well as unconfirmed records of Adders. Only Grass Snakes were found, but the survey is being continued and extended in 2016.

Common Frog *Rana temporaria*

Frogs were recorded from 12 sites in 8 parishes (Barrowden, Braunston, Egleton, Exton, Greetham, Hambleton, Oakham and Wing). Evidence of breeding was recorded at 10 sites in 6 parishes (all except Braunston and Hambleton). The first spawning was in Barrowden on 7th March and in Egleton on 8th March and the last fresh spawn was on 28th March in Exton. The first frogs of the year were recorded in Barrowden on 19th February and the last record was of a frog in a Wing kitchen on 19th September.

Common Toad *Bufo bufo*

Toads were recorded from 13 sites in 7 parishes (Exton, Hambleton, Leighfield, Manton, Morcott, Ridlington and Wing), although evidence of breeding was only found at two sites in 2 parishes (Leighfield and Wing). The first record of the year was from Wing on 16th March and the last live record was on 29th October in Hambleton at Rutland Water Nature Reserve, although freshly dead road casualties were found on 30th November in Wing and 4th December in Ridlington.

The record from Morcott is the first from that parish for 29 years.

Smooth Newt *Triturus/Lissotriton vulgaris*

Smooth Newts were found at 15 sites in 4 parishes (Egleton, Exton, Hambleton and Wing). They were found in 11 ponds at Rutland Water Nature Reserve, in two of which they had not previously been found.

The first sighting was on 14th February in the recorder's cellar in Wing and the first aquatic sighting was on 21st February in Wing. The last record of the year was on 15th December in Wing in the aforementioned cellar.

Great Crested Newt *Triturus cristatus*

Great Crested Newts were found at 8 sites in 3 parishes (Clipsham, Egleton, Hambleton and Wing). They were found in 6 ponds at Rutland Water Nature Reserve, one of which was a new site for this species.

The first sighting was on 8th January in the Recorder's cellar in Wing and the first aquatic sighting was on 16th January in Wing. The last record of the year was on 30th December in the Recorder's cellar.

Viviparous Lizard *Zootoca vivipara*

Lizards were only recorded twice, both records coming from Ketton on 4th May and 11th July, although from different parts of the quarry.

Slow Worm *Anguis fragilis*

The only record of a Slow Worm was from an Egleton garden on 16th July. This however is a new site.

Grass Snake *Natrix natrix*

Grass Snakes were recorded from 30 sites in 9 parishes (Essendine, Exton, Hambleton, Ketton, Langham, Leighfield, Manton, Oakham and Wing). The record from Essendine, which was a road casualty, was the first record from that parish. The first record was on 11th April in Exton and the last was on 19th September in Leighfield. The Reptile Survey at Rutland Water Nature Reserve revealed that Grass Snakes are widespread throughout the reserve, or at least in the areas examined. Ninety corrugated sheets (approximately 2 x 2 feet square) were placed in four areas of the reserve and all were examined 20 times at approximately fortnightly intervals between March and November. Grass Snakes were found under or upon the squares on 41 occasions, usually single snakes but on three occasions 2 and 3 snakes were together. Snakes were observed on at least one square in each of the four main areas surveyed. Snakes were only observed at 16 squares, although some of them as many as 6 times. Taking into consideration the approximate size of each snake and whether a snake of similar size had been observed at a particular square or a nearby square previously, I think a total of 33 different Grass Snakes were located. Grass Snakes were only found in the four months from April to July.

Adder *Vipera berus*

Adders were recorded on 4 occasions at Ketton Quarry between 1st March and 7th April. On two occasions 3 adders were seen together.

No species were added to the county list in 2015, but Eyebrook attracted our second American Golden Plover and the third Alpine Swift soared over Barnsdale in April. As last year, herons were well recorded with Great White Egrets regular at Rutland Water, a Cattle Egret there and a Glossy Ibis making a fleeting visit to Leighfield Fishponds. Other rare visitors were a Hoopoe in April and Great Skuas and a Wryneck in September.

Passage migrants add much to the birdwatchers' enjoyment, providing records of species which have ceased to breed locally or which nest elsewhere in Britain and Europe. This year was marked by an excellent passage of Ring Ouzels, with good numbers of Redstarts and Whinchats also reported. Burley Wood, once the 'go to' site in the county, produced records of a drumming Lesser Spotted Woodpecker, a roding Woodcock and a singing Redstart along with Siskins and Crossbills. The wood would clearly benefit from more regular watching.

Our farmland CBC and wildfowl counts continued to monitor rural and water-based species but large areas of Rutland remain seriously under-watched. This year, for the first time in the history of the Society, there were no records of Corn Bunting. Do a few remaining pairs out there still frequent a field that is forever Rutland?

For wildfowl counts see pages 23 et seq, for waders counts see page 27, and CBC Beaumont Chase Farm data page 28

Mute Swan	Nesting was noted at RW, EBR, FHP, Ext Park, Geest and Banthorpe GP but cygnets were seen only at RW, EBR and Banthorpe.
Bewick's Swan	Two were at RWEg on 23.01 with two at EBR on 27.10.
Whooper Swan	Flocks of five and seven were at RW on 19.01 with ten there on 10.03. Six were at EBR on the same date. On 14.03 39 flew NW over Oak and 47 were at RWNA on 22.03. Two and three (different birds) were at EBR on 14~15.10 and there were four there on 24.11.
Pink-footed Goose	One or two were at EBR from 02.01 to 30.05. One was at RW from 02.01 to 26.03, with two on 02.01 and 06 and 24.03. One was at FHP on 25.03. Autumn birds called over Leigh on 26.09. One was at FHP on 11.10, c.60 flew SW over Leigh on 14.10 and two were at RWNA on 30.10. Nine flew over Greet on 27.11 and one was at EBR on 18~20.12.
Greenland White-fronted Goose	A long-staying juv. was at RW from 01.01 to at least 16.06. It visited FHP on 15~16.02.
European White-fronted Goose	Two were at RW from early Jan. to at least 08.03.
Greylag Goose	High counts at FHP were 288 on 15.02. and 413 on 11.10. Bred successfully at RW, EBR, Ext Park and Banthorpe GP.
Barnacle Goose	One was at EBR on 30.01. 22 flew SW over Leigh on 19.09 and five were at Martinthorpe on 29.09.
Brent Goose	One was at RW between 21.01~24.02. One was at EBR on 21.10.
Egyptian Goose	Noted at sites away from the main RW breeding site with records from Lynd, Martinthorpe, LFP, EBR and FHP. Most records were of pairs but four were near Lynd on 11.01 and there were five in Ext Park on 15.02 and 20.12, where a pair reared five goslings.
Shelduck	Reported from RW, EBR (max. nine on 04.04) and FHP (max. four on 30.03). Bred at all three sites but the FHP birds failed to fledge any young.
Mandarin Duck	There were fewer records this year. On 30.03 a pair feeding below feeders at Norm were joined by a second male. One flew along the R.Chater near Pilt on 06.04 and a male was on a pond near PC on 22.05. A female was at FHP between 20.09 and 11.10.
Wigeon	The last FHP birds were three on 25.03 but a male remained at LFP to 15.05 and several summered at RW. The first autumn birds at FHP were three on 12.09.

Gadwall	At FHP there was a max. in the first winter period of 182 on 24.01, with birds present all year and breeding confirmed here and on Rygate Lake in Ext Park. Breeding was also confirmed at both reservoirs. Autumn counts at all sites were lower with a peak at FHP of 96 on 06.12.
Teal	Present at FHP to 18.04 (max. 37 on 16.03) and from 04.07 to the end of the year (max. 59 on 02.10). Banthorpe GP attracted good nos. in both winter periods and there were 20 on Rygate Lake in Ext Park on 20.03. Both reservoirs had large counts, especially in the second winter period, when c.400 flew south over LFP on 25.09 with c.300 over on 11.10.
Mallard	A common and under-reported species present on water bodies of all sizes. Breeding was noted at both reservoirs, FHP, Ext Park and Banthorpe GP. c.50 were regular on Oak Canal throughout the year and there were higher than usual nos. at FHP in autumn with 248 on 13.11.
Pintail	One was at FHP on 04.01 with spring birds at RWEg on 18 and EBR on 21.04. Present at FHP between 24.08 and 22.11 with a max. of four on 02 and 17.10.
Garganey	A male was at EBR on 24.04. Autumn records began with males at RW on 09 and 27.06, with birds present fairly regularly from 11.07 to 30.08, usually one or two but four on 26.08. A late bird was at RW between 09~18.10.
Shoveler	Present at FHP all year apart from March and May. A pair bred, the female escorting nine ducklings on 18.07. Four pairs bred at RWEg. A good autumn passage at FHP produced a max. of 46 on 02.10.
Red-crested Pochard	There were records from both reservoirs but not in April, May, July, or December. Nos. were generally low with six at RWNA on 01.01 and at EBR on 27.10 the highest number. The peak count was 16 at RW on 06.11. A female was at FHP on the same date.
Pochard	Present at FHP to 22.03 with a max. of five on 07.03. Bred at RWEg with a female and seven young ducklings seen on 29.05. Reservoir counts in both winter periods were low. One or two were at FHP in Sept with birds regular from 06.11 and a max. of five on 22.11.
Tufted Duck	There were the usual high counts at RW and good nos. at EBR in Nov. and Dec. Bred at both reservoirs and at FHP, where a female fledged seven young. Up to nine were at Banthorpe GP between Jan. and March.
Scaup	All records in both winter periods were from RW with birds present from 04.01 to 15.05, when a lingering male was in NA. The max. count was six on 06.02. A male was noted on 09.07 with four the following day and one on 11.08. There were no Sept. records but up to three (28.11) were present between 02.10~07.12.
Common Scoter	Three were at EBR on 20.03 with one at RWSA on 23.03. On passage, six were at EBR on 16.04 with ten at RWDam on 26.04. Up to four (20.07) were in RWNA between 11.07 and 14.08 with a male in SA on 16.09.
Goldeneye	Recorded from both reservoirs during winter with a late male at RW on 16.06.
Smew	Noted at both reservoirs during both winter periods. At RW there were up to seven (two males) from 01.01~27.02. with up to five during March to 19.03 and the last single on 24.03. EBR attracted birds from 01.01 to 18.03 with a max. of six on 01.02. A redhead at RW on 24.11 was our first autumn record with a male at EBR on 26~27.11. One or two were at RW to at least 01.12 and EBR to 21.12 with five at EBR on 28~29.12.
Red-breasted Merganser	A female was at EBR on 31.12.
Goosander	Few records were received. Three were at RWLynd on 12 and 20.01. Our first autumn male was at RW on 14.11 with a redhead at EBR on 20.11. Four were on Rygate Lake in Ext Park on 04.12. One flew over LFP on 07 and five on 09.12, with one over Martinsthorpe on 20.12.
Quail	One calling near GtCast on 23.06 was the only record.
Red-legged Partridge	Well distributed, especially in the east of the county, where many are released. A covey of 32 was noted near Lynd on 18.10.

Grey Partridge	Records, mainly of singles or pairs, were received from Mor, Banthorpe GP, GtCast, Ext Park, RWEg, Man and QF – an encouraging distribution. The largest nos. were coveys of seven and eight in Ext Park on 19.10 and 11 near GtCast on 09.12.
Pheasant	Widespread and common with many released for shooting. A female and eight small young were at FHP on 13.06. One or two were noted in suburban Stam in Dec.
Great Northern Diver	One was at RW from 01.01 to 28.04 with two noted on 02.01, 19.01 and 21.03. One on 15.11 was joined by others with three on 08.12, and four on 13.12, then three to the end of Dec.
Cormorant	Regular at both reservoirs throughout the year with breeding at the regular BFP site at RW. One or two visited FHP and Rygate Lake in every month with four present at Rygate Lake in Dec.
Bittern	One was at RWEg from 02.01 to at least 21.02 with one at EBR inflow between 06~09.01. One again at RWEg on 29.07 and 23.09~17.10, when two were reported.
Cattle Egret	One flew south at RWLynd on 16.06.
Little Egret	This species appeared at waterbodies throughout the county with records in all months. Away from the Reservoirs peak counts were: LFP three on 19.04, FHP two on 26.04 and Banthorpe GP nine on 28.08. Additional records were three over Man on 12.05 and one by the R. Gwash at Bel on 17.12.
Great White Egret	Great White Egrets have become regular visitors to our reservoirs in recent years. One was at RW from 01.01. to at least 25.03, visiting EBR on 04.01 and 08~11.02. One flew over Upp on 25.05 and there were many records from RWEg/Man Bay from 03.07 to the end of the year, with two noted from 05.09 and three on 12.12.
Grey Heron	Two perched on bungalow roofs at Stam on 20.02 and one in a Wg garden on 27.02 were doubtless checking out local goldfish ponds. One or two were regular at FHP, Ext Park, LFP and Banthorpe GP throughout the year. Bred at RW.
Glossy Ibis	One was at LFP on 16.10. This species was also recorded last year and seems set to become a regular visitor.
Spoonbill	One was at RWSA on 01.09, and a long-staying juv. was at EBR from 01~19.10.
Little Grebe	In the first winter period nos. at FHP peaked at 23 on 07.02 with bird regular to 07.03 and occasional in April and May. A return from 11.07 saw small nos. up to 13.11, when there were ten, and a max. of 20 on 06.12. Breeding was confirmed at RW and Holywell but not at EBR. Singles were noted at Banthorpe GP in April and Ext Park in Dec.
Great Crested Grebe	Away from the reservoirs, where breeding was confirmed, there were singles at FHP on 05 and 11.04, 17.10 and 29.12.
Red-necked Grebe	One was at RWNA from 01.01 to 08.04, by which time it was in breeding plumage. One returned on 06.09 and was present to the end of the year.
Slavonian Grebe	One was at RWSA between 13 and 21.03. Birds were present in SA there from 29.10, with two from 20.11, and three on 13.12, the last date. One was at EBR from 20.11 to 31.12.
Black-necked Grebe	Two were in RWNA from 01.01 to 20.03 and again from 28.08 to the end of the year.
Red Kite	Widespread across the county and regularly seen over Stam. Higher counts included seven between Mor and Wg on 09.03, 14 over a field cut for silage at Prest on 08.06 and six over an oilseed rape field at QF on 10.06. One was found dead in BW on 08.06. A pair fledged two young at the only known nest this year.
Marsh Harrier	Spring birds were noted between 15.03 (Braun) and 21.04 (RWEg) on five dates. One was at EBR on 05.4. Autumn passage was on several dates between 02.07 and 01.10 at RW with a juv. in Ext Park on 27.09.
Sparrowhawk	Many records referred to birds in gardens at Oak, Stam and Upp, where one was found freshly dead on 02.05. A pair bred in a Kett garden, fledging at least two young. Displaying birds were noted over RW and Ext woods in March and April.

Buzzard	Well reported from across the county from woodlands, farmland and over towns (eight over Oak on 24.03). Two young fledged from a nest at FHP.
Osprey	The first RW bird returned on 17.03 and one was near ColdO on 20.03. Eight pairs bred this year, fledging 15 young. Fishing birds were regular at EBR throughout the summer with sightings also at LFP and FHP (three on 11.07). Our last record was on the early date of 16.08.
Kestrel	One roosted on a Wg house in Jan., Feb. and July. Records were received from eighteen sites across the county, mainly of hunting birds. A tree nest site was located in BW on 30.04, and two pairs used nest-boxes in Ext Park, fledging broods of three and four.
Merlin	Singles were at Turtle Bridge on 27.01, Ext Park on 13.09 and EBR on 30.09.
Hobby	Two at RWEg on 23.04 were the first spring arrivals with up to three hunting over the lagoons in May. Other records between May and Aug. came from Mounts Lodge, EBR, FHP, BCF, Man, LFP and Upp. There were Sept. birds at Bden, Stam, EBR and RWEg with the last in Ext Park on 13.09.
Peregrine	Present throughout the year at a regular breeding site. One was at FHP on 01.02 and in Ext Park on 17.10 (perched on a dovecote !). Regular at RWEg in both winter periods with birds in flight noted at EBR, Oak, QF, Man, Martinsthorpe and Pilt. A pair mobbed a Buzzard at Turtle Bridge on 30.07 and a perched bird was near Wild's Lodge on 23.11.
Water Rail	One was at FHP on 04.01 and one in Eg Meadows on 17.01. On 10.03 one was at RWEW and one on the wader scrape at Lynd on 17.03. One was at LFP on 27.04 with records from there again from 11.10 to 28.12.
Moorhen	23 were counted on ponds at Greet GC on 16.01. The peak FHP count was 47 on 19.09. One was on a Wg lawn on 09.12.
Coot	The peak FHP count in the first winter period was 118 on 07.02, and 117 in the second period on 29.12, c.15 pairs bred there with the first chicks on 24.04. Bred at both reservoirs and Ext Park – records of other breeding sites would be very welcome.
Crane	Six flew south at RW on 11.03 and one flew north at PGW on 19.08.
Avocet	An early bird was at RWEg on 19.01. One was there on 06.03 with a pair from 29.04 and breeding successful – a pair and three well-grown young were seen on 05.07, with two young and an adult still present at the end of Aug. At EBR there was one on 18.05 and a pair on 04–05.08.
Oystercatcher	Present at RW from 08.02 where breeding was successful on the Eg lagoons. One was at EBR on 21.04, eight flew over RWManBay on 05.06, and one was heard over Pilt on 28.06.
American Golden Plover	An adult was at EBR between 22 and 27.10. This is the second county record.
Golden Plover	c.30 were over Ext Park on 02.02, and 24 were at RWEg on 23.02. An early returnee was at Martinsthorpe on 24.06, with eight at EBR on 12.10 the next birds. 150 were at RWEg on 30.10 and c.200 were in Ext Park on 18.11 with 70 still present on 22.11.
Grey Plover	Spring singles were at RWEg on 04.04, EBR on 23.04, RW on 04.05, with two next day and one at EBR also on 05. Autumn birds were singles at EBR on 01.09, 11 over RWNA on 22.09 and one over BW on 23.09.
Lapwing	c.400 were near Mor on 13.01 with 300 there on 20 and 27.01. There were 160 in Ext Park on 01.02, 130 SW at Leigh next day and 178 at Banthorpe GP on 06.02. 400 flew east at Pilt on 22.02. 43 were still at Banthorpe GP on 06.03 and the first displaying pair were near GtCast on 18.03. Breeding activity (pairs or display) was noted at RW, EBR, Ext Park, Banthorpe GP, Leigh, Brk and Seat. This was an encouraging distribution of breeding birds but, apart from RW, there was little evidence of success due to farming operations and Carrion Crows. 51 at EBR on 24.06 was evidence of return passage. 52 were at FHP on 20.09.

Little Ringed Plover	One at RWNA on 21.03 was the first record with birds at Eg throughout the summer on the lagoons, where breeding was confirmed. Four were at EBR on 25.03 with birds regular there to 01.09, our final record.
Ringed Plover	The first returning birds were five at RWEg on 23.02 with six present on 27.02. Nos. were low at RW in April but there was a good spring passage of northern 'tundrae' birds from 07.05 to 31.05 with a max. of 32 on 13.05. EBR also had a high spring counts with 13 on 05.05, 33 on 26.05 and 25 on 03.06. Breeding was confirmed on the Eg lagoons. Autumn passage extended from 01.07 to 18.10 at RW with a peak of 32 on 26.08. EBR again attracted good nos. with a max of 27 on 01.09 and the last four birds there on 22.09.
Whimbrel	Spring passage at the reservoirs was between 15.04 and 12.05 with a max. of 16 at RW on 26.04. An early autumn bird was briefly at RWEg on 25.06 with the main passage from 16.07 to 08.09, mainly at EBR and RW but the final bird was over LFP.
Curlew	Present at RW throughout the year except for May to July (but singles on 12 and 19.07). Spring passage birds were over Leigh on six dates between 02.04 and 10.05 and one was over FHP on 05.05. Pairs were at breeding sites at Cott Airfield and Seat Meadows from 07.03 with display noted at both. Two flew NW over Leigh on 07.06 with one heard on 29.06. One was at EBR on 05.07.
Black-tailed Godwit	One or two were fairly regular at RWEg from 26.03 to 26.04 with one at EBR on 23.04. There was a huge arrival of 429 Icelandic birds migrating north on 27.04. Spring passage extended to 23.06 with one or two at both reservoirs. Autumn birds were noted from 02.07 at RW and 05.07 at EBR with generally below six at any one time but 36 at RWEg on 09.07 and 12 on 23.07. Up to four were at RW throughout the rest of the year to at least 13.12 with two at EBR on 20.10.
Bar-tailed Godwit	Three were at RWEg on 24.04 with one there on 06.05 and six at EBR on 13~14.06.
Turnstone	Spring passage was between 24.04 and 03.06 with up to three at the reservoirs but six at EBR on 09.05, and five at RW the following day. Autumn birds were noted between 19.07 and 30.08 at both reservoirs with max. counts of three at RWNA on 21.07 and five at EBR on 14.08.
Knot	Single birds were at RW on 24~25.07, 14.08 and 25.08. A juv. was at EBR on 14.09 and there were Nov. singles at EBR on 03.11 and RW on 04 and 24.11.
Ruff	Up to three were at RWEg between 18.03 and 28.05. There was an extended autumn passage at EBR with birds noted from 07.08 to 27.09 with a max. of 35 on 26.08. At RW birds were noted between 21.07 and 18.10 with a max. of 21 on 26.08.
Curlew Sandpiper	A spring bird was at RWEg on 24.04. Three were at EBR on 26.08., one of which had been ringed at the mouth of the R. Vistula in Poland. Two remained to 01.09.
Temminck's Stint	One was at RWEg on 08~09.05 and 17~18.05 with two from 27.05 to 01.06. One was at RW on 13~15.07.
Sanderling	Spring birds were at RW from 24.04. to 14.06. with a max. of ten on 29.05. EBR's spring passage was from 03.05 to 01.06 with a max. of 17 on 31.05. Three were at EBR on 15.07 with one or two at both reservoirs on six dates to 05.09.
Dunlin	There were records from the reservoirs in all months but no really large nos. were reported. 35 were at EBR on 10.02 with 52 at RW on 26.04 and 70 there on 04.05. Autumn passage was noted from 11.07 and at RWNA included a bird ringed in Galicia in NE Spain on 08.09.13. Peak autumn counts were c.40 at RW on 24.11 and c.30 at EBR on 27.11.
Little Stint	It was a poor year for this species with one at EBR on 31.05 the only spring record. One or two were at both reservoirs between 23~29.08 and one at EBR on 04.10.
Common Sandpiper	Spring passage was between 08.04 and 26.05 at RW and EBR with a max. of five at EBR on 01.05. Singles were also at LFP on 27.04 and 04.05. The first autumn bird was at EBR on 27.06 with up to ten (RW 16.08) noted at the reservoirs and singles at Banthorpe GP on 28.08 and FHP on 12.09. Five at EBR on 13.09 were our final birds.

Green Sandpiper	A winter bird was at RW to 18.01. Singles were at RW on 06 and 14.04 with two on 17.04 and one at EBR on 23.04. A late spring bird was at RWEg on 03.05. Autumn passage, beginning on 09.06, merged into the second winter period up to 31.12. In addition to the reservoirs, there were records from Banthorpe GP between 10.07~10.09, when three were present. LFP had one or two between 12~29.08 and FHP attracted one or two between 04.09~13.11. The peak autumn count at EBR was six on 23.08.
Spotted Redshank	One was at RW on 08.04 with another there from 08~10.06 and from 27.06 to 21.07. Sept. singles were at RWEg on 04 and EBR on 08.
Greenshank	One or two spring migrants were at EBR and RW between 18.04~10.05. The first autumn bird was at RWEg on 28.06 with subsequent records at both reservoirs and the last at RW on 01.10. Six was the EBR max. on 24.08.
Wood Sandpiper	Two were at RWEg on 23.04 with singles on 25.04 and 04.05. One was at RW between 21~25.07, with one on 10.08 and three on 25.08. EBR had one from 09~30.08.
Redshank	Present throughout the year at RW except for Sept. Bred at Eg, where a noisy adult and a downy chick were seen on 05.07. One was at EBR on 04.04.
Jack Snipe	One was at RWEg on 17.01, and one was by the North Brook at FHP on 05.04. At EBR one was present from 29.09~09.10, and again on 17~18.10.
Woodcock	In the first winter period there were records from seven sites up to 18.03. Most reports were of one or two but there were five in TunnW on 24.01 and three there on 15.02. It was exciting to note a roding bird over a clear-fell compartment in BW on 03.06, the first in Rutland since 2010. One or two autumn birds were flushed at Pilt, TunnW, Westland Wood, Leigh and RWMan Bay between 18.11~29.12.
Snipe	Reported in the first winter period from the reservoirs, FHP and Banthorpe GP, where there were 13 on 06.02. Spring birds were at FHP between 05~11.04, and at LFP between 02~27.04 with one at RWEW on 24.04. Singles were at RWEg on 05.07, and Banthorpe GP on 28.08. See <i>Wader Tables for autumn counts</i> .
Great Skua	Singles passed through at RW on 08 and 13.09.
Little Tern	It was a good year for this vulnerable coastal breeder. Two were at RWEg and one at EBR on 23.04. One was at RWLynd on 02.06 and there were two at EBR on 15.06 and at RWEg on 28.06. Singles were at RW on 16.09 and EBR on 19.09.
Black Tern	Two or three were at RWEg from 10.04 to 15.05. One was at RWMan Bay from 08~11.06 with two at Eg on 24.06. Autumn passage was from 17.07 to 28.09 with generally singles figure counts at RW (but 29 on 22.08) and just four at EBR on 11.09.
White-winged Black Tern	An adult in breeding plumage was in RWNA on 19.07.
Sandwich Tern	Two were at RWEg on 23.04 and one was in SA there on 24.08.
Common Tern	One was back at RW on 06.04 with three at EBR on 10.04. By mid-April there were 66 at RW and 14 were at EBR on 12.05, increasing to 20 on 14.06. Two were at LFP on 04.06 and 109 were at RW on 16.06. Breeding was confirmed at both reservoirs but no breeding totals were received. Four were at RW on 13.09.
Arctic Tern	There was a light spring passage with single figure totals (but 15 at RW on 22.04) at RW and EBR between 17.04~19.05. Single autumn juvs. were at RW on 18.08 and 28.09.
Kittiwake	Three were in RWNA on 21.03.
Black-headed Gull	A common winter visitor with a well-established breeding colony at RWEg/NA.
Little Gull	Noted in single figures at RW and EBR between 06.04 and 03.05 but with 12 at RW on 21.04 and 21 at EBR on 23.04. Singles were at RW on seven dates between 05.07~21.09 with one at EBR on 11~12.07.

Mediterranean Gull	All records were of single birds. One was at RWEg on New Year's Day with one there on 17.03 and one at EBR on 18, 20, and 27.03. Noted at RW on 23 and 27.06 and on four dates between 16.07~21.08 with further records there on 05 and 22.09. EBR birds were noted on 09 and 22.10, and on 06.12.
Common Gull	A common winter visitor but scarce in summer. c.3000 were on pasture at Leigh on 05.04, with one present in the area in late-May and June.
Lesser Black-backed Gull	A passage visitor at the reservoirs in spring and autumn with some overwintering. No counts were received.
Herring Gull	A winter visitor with large nos. roosting on the reservoirs. Two flew west at RW on 12.05 and one was at FHP on 31.05.
Yellow-legged Gull	Most records were from RW where there were two on 26 and three on 28.06. Nos. increased with 23 on 19.07 and 13 on 18.08. Four were at RW on 13.09, one was at FHP on 23.10 and at RWEg on 31.10.
Caspian Gull	Singles were at RW on 19.07, and 21 and 27.08.
Great Black-backed Gull	Fairly common at the reservoirs in winter with some immature birds present throughout the summer.
Feral Pigeon	Present in Stam, Oak, Upp and at Castle Cement, Kett but no counts were received.
Stock Dove	Well distributed in woodland across the county with flocks feeding on farmland. The only counts were 88 at Pilt on 16.01, and 26 at Banthorpe GP on 28.08.
Woodpigeon	A common species on farmland and in suburban gardens. A well recorded autumn passage was noted at Leigh between 12~22.11 with 4,100 moving south or SW on four dates. c.100 flew south over Pilt on 18.11.
Collared Dove	A fairly common garden bird but perhaps in lower nos. than formerly. Seven in an Oak garden on 05.01 was the highest count.
Turtle Dove	One was seen and heard in a Clips garden on 17 and 27.04 and one sang at Leigh on 01.07.
Cuckoo	Song was heard at eleven sites between 13.04 (Greet GC) and 20.06 (BW). A migrant flew over Stam on 25.06. Records came from 15 sites last year, so the decline continues.
Barn Owl	Records were received from 19 sites (18 last year) up to July and from 03.10 to the end of the year, mainly in the west of the county. One was dead by the A6003 near Prest on 21.03. A pair in Ext Park were evicted from their nestbox by Kestrels in April. It was a poor breeding season with none of our boxes producing young. It is thought that the poor spring with a lack of prey did not allow the birds to come into breeding condition.
Little Owl	There were records in all months except Feb., April, July, Aug and Nov. from 12 sites and regularly at EBR and RWLynd. A pair laid eggs in a nestbox at one site but deserted before they hatched
Tawny Owl	Records were received from 12 sites (16 last year), mainly of one or two calling birds but there were three in TunnW in May and June and at Pilt in late Nov. (four on 22.11). Three were calling at Leigh on 13.12. There were no confirmed breeding records.
Short-eared Owl	One flew west at Banthorpe GP on 01.10, one was at RWEg on 10.12, 11 and 13~14.12 with one at EBR on 20.12.
Swift	An early bird flew over Leigh on 15.04 with the next at RW on 18.04 and EBR next day. Breeding activity was reported only from Bden and Upp and no large flocks or screaming parties were reported. A Stam nestbox was visited in June but not used. Our final record was of two at RWEg on 14.08.
Alpine Swift	One was over RWBarns on 14.04. This is the third Rutland record with previous birds at RWEg in 1978 and Oak in 2008.
Kingfisher	This species gets no commoner with only ten records for the year. Singles were noted mainly at RW but also at FHP, EBR, HM(bred) and Stam Meadows.

Hoopoe	Two lucky members saw one on a roadside verge near Norm on 21.04.
Wryneck	One was ringed at RWEg on 08.09.
Green Woodpecker	Reported from only ten sites (14 last year), this species is clearly under-recorded as it is always seen or heard at FHP, KQ and QF. Breeding was confirmed at the latter site, where the nest was kept under observation throughout the breeding cycle, and at Emp.
Great Spotted Woodpecker	Drumming birds were first reported from TunnW on 16.01 with further records up to 26.04 from PGW, KQ, BW (five with breeding confirmed), WardW, BarnsW, Barns Gardens and Ess. Feeders were visited at RWEg Centre, Norm and TunnW. Two were drumming near Man on 27.12.
Lesser Spotted Woodpecker	This species still survives in BW where drumming was heard between 18.03. and 10.05. with a sighting on 05.04, and one was heard calling on 05.07. One was also drumming in BarnsW on 09 and 17.04. These are our first records since 2012.
Great Grey Shrike	One was briefly at RWEg on 19.10.
Maggie	A widespread species especially in the more pastoral west of the county and increasing as a garden visitor. 12 were at KQ on 08.04 and ten at QF the next day.
Jay	One was in an EW garden on 04.02 and five were noted at FHP on 7.08. Widespread in woodlands across the county.
Jackdaw	In both winter periods a large roost, thought to be in GlastW, was monitored with 3,000 birds noted over Pilt on 16.01 and c.3,500 estimated early on the morning of 07.02. Nos. declined to c.500 on 10.03. Even more were recorded in the autumn with c.5,000 on 18 and 23.11 and 6,000 estimated on three Dec. dates.
Rook	The only record was of a rookery of c.50 nests at Tole in the spring. We badly need to revive our rookery survey.
Carrion Crow	A common species throughout the county. On 30.04 members witnessed a Carrion Crow holding down and tearing open a Jay on top of a bush in in BarnsW, whilst being mobbed by another Jay, presumably the victim's mate. After five minutes the crow flew off, leaving the dead Jay in the bush.
Raven	The remarkable recolonization of Rutland by this species continues with records from 19 sites, one more than last year. At least four pairs were known to have attempted breeding with three successful and broods one of four and two of three. Some large nos. fed on carrion with 22 on 10.05, and 04.06 and 17 on 03.11. c.30 flew from a woodland roost on 03.07.
Goldcrest	A common species in conifer woodlands which is increasingly being seen in gardens. Five were noted catching insects at RWLynd on 08.02, and one took fat in an Upp garden between 23.01 and 05.04, with another on a peanut feeder in an Oak garden on 02.04.
Blue Tit	A very common woodland and garden species. Up to fifteen at a time visited the TunnW feeders in both winter periods.
Great Tit	Widespread and common. A pair nested in a soffit box on a Bden garage.
Coal Tit	c.25 were noted around BW on 09.07 with five still singing. 21 were counted there on 07.08. A regular visitor at TunnW feeders in both winter periods and at a Stam garden up to April and from July to the end of Dec.
Willow Tit	A very local species with regular sightings only at LFP (singing on 17.03), RWLynd/GGorse and around Man and Brk (singing in April). A pair was regular on the BCF CBC site and a juv. seen on 07.06 confirmed breeding there.
Marsh Tit	More widespread than the previous species with birds present in BW, the RW woodlands and the Ext Park woods. Nine were noted in BW on 27.06 increasing to 13 on 07.08. Up to three birds were seen at feeders in TunnW, RWEg/Lynd Centres and at EBR.
Woodlark	One showed well at RWEg on 07~08.03 – an unusual spring record. Singles over Leigh on 26, and Tix on 27.09, were more expected.

Skylark	Song and display was noted at QF on 28.02. Skylarks remain widespread breeders on arable land in reduced nos. The only flock reported was c.30 on 19.09 in Ext Park.
Sand Martin	First noted at RW on 08.03 and EBR with 23 at RWSA on 23.03. c.40 were investigating an old stone wall at RWNorm on 18.04. but breeding was not confirmed there. Both artificial Sand Martin nesting sites were used at Eg reserve where 715 young and 198 adults were ringed. 164 previously ringed adults were retrapped and 289 nest records were submitted to the BTO. 139 of these were from the bank on lagoon two and 150 from the new bank on lagoon five. Our final record was of five at EBR on 05.09.
Swallow	Three at RW on 01.04 with two there next day and two at FHP on 05.04 were the first arrivals. Birds returned to a Bden breeding site from 13.04, and at least four pairs were well monitored throughout the breeding season. Nos. at LFP began to increase from 24.06, when c.30 were present. During Aug at LFP c.150 were regular with 220 on 24.08. The Bden birds had departed by 15.09 and our only later records were at FHP on 01.10 and 24.10 at RW.
House Martin	The first birds were one at RW on 10.04. and five at EBR on 12.04. On 15.04 the first was seen at Bden, where two pairs bred (nest counts from other areas would be very welcome). There were c.200 at RWMan Bay on 02.06 and 120 at Leigh on 10.06. On 07.09 a Hobby 'buzzed' c.50 over Bden – a regular hunting strategy of the species. The last Bden birds were seen on 16.09 and there were Oct. records from Leigh on 08 and RWWhit on 18.10.
Cetti's Warbler	A RW resident, with birds noted in all months except Dec. c.8 held territory in May and nine were ringed on 12.09.
Long-tailed Tit	Garden records came from Oak and Clips up to 30.04 and from Oak again in July, Aug. and Dec. with a max. of 6 in Oak on 30.07. Flocks of 18 at RWLynd on 13.12 and 15 at RWEg on 29.12 were reported.
Chiffchaff	One was reported regularly from RWLynd between 04.01 and 16.02. The first song was at RWEg on 08.03 with four singing in GGorse on 10.03. Other March birds were at BarnsW, Holywell Wood, Greet GC and Burl with 17 in song along RW south shore on 25.03. April birds were widespread with 22 singing around Leigh on 10, and 51 in BW on 18. 34 were still in song at BW on 08.06 with three at Emp on 30.06 and 50 in BW on 09.07. c.68 were in BW (five in song) on 07.08 with 28 there on 24.08. Small nos. were regular at FHP throughout Sept. with five on 11.10 the last there. One was at Leigh on 17.11 and singles were at GGorse between 08~16.12 and LFP from 09~26.12.
Willow Warbler	The first bird was at EBR on 08.04 with the next (two) at BarnsW on 15.04. Other April records were from Oak Canal, Barns Gardens and Avenue and Leigh, where 25 were in song on 23.04. Other counts of singing birds at Leigh were 25 on 23.04, 23 on 10.05, 26 on 12.06, nine on 31.07 and 11 on 02.08. The last record was at RWEg on 24.09.
Blackcap	Singles were in a garden at Norm on 04.01 and two in Oak on 06 and 14.01. Song was noted first at KQ on 08.04 with five at BarnsW on 15.04 and birds were well established in most areas by 20.04. 56 sang around BW on 26.04 and there were still 31 in song there on 08.06. Single birds were in a garden at Bden on 05.06 and Oak on 11.08. Three were at QF on 28.09, one was heard near Leigh on 03.11, one took biscuit crumbs on a Stam bird table on 17.12, and there were two in an Oak garden on 25.12.
Garden Warbler	First noted near Upp 15.04 with the next at RWLynd on 17.04. Five males were watched disputing territory in BW on 06.05, and seven were singing on different compartments there on 16 and 23.05. Other sites in May and June were Westland Wood and TunnW, BarnsW and HambW. No significant last date was received.
Lesser Whitethroat	The earliest bird was at EBR on 16.04, with the next at QF on 20.04. Five were at Leigh on 30.04 increasing to six on 04.05. Few breeding sites were reported apart from LCast, QF, BCF, and Martinsthorpe. Autumn migrants were seen in Ext Park on 24.08, FHP on 12.09, and at RWEg from 30.09~07.10.

Whitethroat	One was singing near Upp on 12.04 with the next at EBR on 14.04. Singing males were well distributed by the end of the month but few sites were reported – QF, BW, FHP, Ext Park, Eg village, Emp and Leigh, where there were 13 singing on 01.07. There were Sept. records from FHP on 20 and 26, with the last at QF on 28.09.
Grasshopper Warbler	This species has declined alarmingly in Rutland in recent years and apart from a migrant singing at EBR on 18.04 all records were from the Leigh area with up to three singing there from 17.04 to 05.08.
Sedge Warbler	RW remains the stronghold for this species with birds present on both sections of the reserve and around the reservoir. One at Barns on 09.04 was the earliest arrival with ‘several’ at Eg next day. Up to three sang at LFP between 19.04 and 29.08, with song to 22.07. One at RWEg on 13.09 was our final record.
Reed Warbler	First reported from RW on 15.04 with birds well established on both sections of the reserve by the end of the month. At LFP one sang regularly from 30.05 to 22.08, and four held territory at a private lake at Geest throughout the summer. Our last record was from RWEg on 03.10.
Nuthatch	There were garden records from Norm (regular), Upp and Wg in March and Dec. Birds visited feeders in TunnW in both winter periods and birds were noted in all the RW and Ext Park woodlands and at FHP.
Treecreeper	Well distributed in woodlands. One roosted in a Wellingtonia in a Wg garden in Feb and one fed on fat and nuts in an Upp garden on 10.06. c.18 were noted around BW on 27.06 and there were 21 there on 07.08.
Wren	c.50 were counted in BW on 09.05.
Starling	There was a large and spectacular roost of c.4,000 at Barns on 24~27.02.
Ring Ouzel	It was an amazing year for this species with a remarkable spring passage in April. Birds were noted as follows: PC, singles on 10, 15 and 23, Ext Park one on 11.04 and two on 21 and 24, Leigh one on 12, RWLynd three on 13.04, and RWBFP one on 15.04. There was also a late autumn bird at Leigh on 01.11.
Blackbird	On 16.01, 48 were noted around Pilt with 75 around Wg on 19.01.
Fieldfare	In the first winter period flocks exceeding 100 were noted at Ext Park (120 on 01.02), RWDam (450 on 25.02), QF (130 on 28.02), HM (100 on 06.03) and Brk (100 on 10.04). 42 were still near NLuff on 21.04, and there were late singles at LFP on 02.05 and Leigh on 10.05. The first autumn birds were three over Leigh on 12.10 with four at Ext on 19.10. Large flocks in this second winter period were 400 at LFP on 01 and 03.11, 140 at RWLynd on 15.11 and 100 near HM on 18.12.
Song Thrush	Singing birds were well reported from 14.02 into May. The only garden record was from Oak on 12.08. One was in song at QF on 28.12.
Redwing	Few records were received. 56 were at Norm on 18.01 and 40 were in Ext Park on 01.02, 23 were still at Norm on 15.03 and the last birds were three near Pilt on 06.04. Two calling over Leigh on 29.09 were the first autumn arrivals. There were 20 at FHP on 23.10 and 12 at RWLynd on 18.10.
Mistle Thrush	Singing birds were noted at KQ, Norm, Wg (bred), FHP, Ext Park, BW (bred), BarnsW and Bden. 24 flew south at Martinsthorpe on 30.08 and there were Oct. flocks at LFP of 15 on 11 and c.20 on 23.
Spotted Flycatcher	The first birds were a pair in Ext Park on 10.05 with a pair at LFP the following day. There were summer records from 13 sites (15 last year), mainly of singles or pairs but five at LFP on 26.07 and 19.08. A pair returned to nest in an Upp garden for the first time in several years and a pair bred at BCF. Sept. blrds were noted at LyndW, BW, Brk and RWEg with the last single at FHP on 27.09.
Robin	The only records were Sept. counts at RWEg with c.52 on 24 and 44 on 28.
Nightingale	One sang at GreetW Far on 18.04 and 26.04, with one at RWEg from 18.04 to 12.05 and one at GreetW Near on 18.05. The species is just hanging on with three singing males.

Pied Flycatcher	Singles were at RWLynd on 11.08, and RWEg on 22.08.
Redstart	It was a much better year for this species. April migrants were at Oak on 12, BCF, RWLynd on 13. and Leigh on 15. Between 23.05 and 06.06 a male sang on territory in BW but breeding was not confirmed. This is interesting since this was the last breeding site for Redstarts in Rutland, with the last recorded here in 1999. The first autumn bird was a male at RWEg on 30.07. Singles were then at RWSykes Lane on 14.08, Leigh on 18.08, Ext Park on 24.08 with a male at Leigh on 28-29.08. One was at Brk on 02.09. A female was at Martinsthorpe on 28.08 and 03.09.
Whinchat	Spring birds were noted between 16.04 and 07.05 at EBR (max. three on 28.04), Cott Airfield and RWTTW. There was a good autumn passage between 28.08 at Banthorpe GP and 10.10 at EBR, with birds noted at six sites and peak counts of five at Luff Airfield on 05.09 and EBR on 08.09.
Stonechat	One was at EBR on 20.02 with four there on 05.03. One was at RW near GGorse on 07.03, with a single at EBR next day. There was an unseasonal record of a male at EBR on 21.06. The first autumn bird was at Martinsthorpe on 06.09 followed by one at Leigh on 18.09. Birds were then regular at RWEg from 29.09 to the end of the year with a pair at RWEg and one along south shore on 09.11. One or two were at EBR from 01.10 to 27.12 with three on 09.10. A male was at FHP on 02.10, one was at Luff Airfield on 05.10 and there were further Leigh birds on 14 and 31.10, whilst at LFP there were singles on 11 and 14.11.
Wheatear	Two at RW on 01.04 were the first birds of a fairly light spring passage which saw up to three birds at nine sites to 12.05. Regular localities were RW, EBR and Luff and Cott Airfields. Autumn migration began with a juv. at EBR on 31.07 then between 29.08 and 05.10, there were records from Luff Airfield (17 on 18.09), EBR, RWEg, Martinsthorpe and FHP.
Dunnock	c.12 were observed going to roost in scrub at KQ on 11.11.
House Sparrow	A much overlooked species. The highest garden count, from Stam, was 24 on 07.02.
Tree Sparrow	A flock of 14 was near Pilt on 15.01, four were in Ext Park and four were at RWLynd feeders on 12.05. Three visited a Norm garden feeder on 05.10 – <i>'the first sighting there for many months'</i> . All in all a poor showing.
Yellow Wagtail	One in Ext Park on 08.04 was our first record, with three at EBR on 10.04 the next arrivals. 19 were on RW Dam on 14.04 with 12 there next day. In May and June there were records of probable breeders from Martinsthorpe, RWEg, Rid, GtCast and Ext Park. At the latter site only one pair was present, a marked reduction on previous years. Autumn birds were noted at Leigh and Martinsthorpe on 29.09 with one at RWEg next day the last bird.
Grey Wagtail	Regular at FHP throughout the year with breeding confirmed in May. One was at Tin Pumping Station on 12.05, another likely breeding site, and a female was carrying food between Glast/Seat on 21.05. Three breeding records in one year is unusual in Rutland. Autumn birds were noted from 13.09 at RW, EBR, Norm and Ryll.
Pied Wagtail	c.15 were noted at RWNorm in early March. 80 were at a reedbed roost at LFP on 22.10, and c.60 were on ploughed land near Pilt on 29.12.
White Wagtail	The continental race of the Pied Wagtail is a regular spring migrant. One was at EBR on 15.03, and between 23.03 and 30.04 birds were noted at both reservoirs and Martinsthorpe. Peak counts were ten at RW Lynd on 26.03 and eight at EBR on 16.04.
Tree Pipit	Now only a scarce passage migrant, spring birds were heard over RW and Leigh on five dates between 14 and 28.04. Autumn birds were at the same sites on six dates between 08.08 and 06.09.
Meadow Pipit	Spring passage began early with 25 NE over Man on 22.02 and continuing to 07.04. Other flocks in March, mostly at RW and moving NW, were 50 on 13, 75 on 19, 55 on 23 (when 35 were at Norm), 220 on 24, 20 on 25 at QF and 140 on 27. 170 flew NW over Pilt on 06.04 and 100+ flew NW at RW next day. There were

breeding season records from QF, Luff and Cott Airfields and GHW, where six were on territory on 19.04. The only autumn records were 95 flying south at Leigh on 2009, and 15 at QF on 28.09.

- Rock Pipit** Two were at RW Dam on 29.09 with singles at EBR and LFP on 12.10. Singles were at RW Dam on 13.10 and EBR on 18.10.
- Water Pipit** One flew west at RWLynd on 06.11.
- Chaffinch** A large roost at Leigh was monitored between 18.01 and 14.03. Peak nos. there were 500 on 25.01, and 400 on 08.02. Full song was heard at Clips on 14.02. The Leigh roost was also present in the autumn with birds noted from 01.11 to the end of the year. Peak counts were 220 on 28.11, and 265 on 09.12. A smaller roost at KQ was noted on 11.11, when c.40 were present.
- Brambling** Small nos. were reported in the first winter period. On 13.01 one was near Pilt and three were in the Leigh finch roost on 25.01, with two there on 08.02 and one on 15.02. Singles were at RWSA on 07 and 08.04. Rather more were present from 14.10 to the end of Dec. with the first three over Leigh. Records came from RW, Pilt, EBR, Man and Stam. At Man up to four visited feeders between 16~20.10 and one fed briefly in a Stam garden on 04.11. The Leigh finch roost was again favoured with birds noted from 01.11 to the end of Dec. with a max. of 26 on 07.12.
- Greenfinch** The peak garden count was six at Stam in Jan. Two were in full song at QF on 28.02 and c.100 were in the Leigh finch roost on 21.12.
- Goldfinch** This species continues to thrive with several large flocks noted in autumn and towards the end of the year. 50 were at Leigh on 09.08, with c.100 there on 22.08, c.60 fed on thistles at QF on 28.09 with a similar nos. at MM on 17.11 on knapweed, c. 100 were again at QF on 28.12. Fewer were noted in gardens, perhaps due to the abundance of food in the countryside, but birds were noted at an Oak garden in Oct with 21 present on 09.10.
- Siskin** Siskins were scarce in the first winter period with 12 on alders at Greet GC on 16.01 – the only flock noted. One was at Berrybutts Spinney on 12.02 with two on 17.02. One was over Leigh on 13.05. There was a marked autumn passage from 29.06 onwards with small nos. noted over LFP, Leigh, Man and RW. Ten were in BW on 09.07 (a likely breeding site?). Passage continued through Sept and Oct. c.30 were in alders at RWEg on 11.12, and eight were at Heron Bay, RW on 29.12.
- Linnet** Autumn flocks noted were c.150 at Martinsthorpe on 18.09 with c.100 there on 27.09 and 200 on 19.10. About 150 fed in game crops at Banthorpe Gravel Pit on 04.12.
- Lesser Redpoll** In the first winter period birds were noted up to 07.04 with peak counts of 15 at RWLynd on 05.1, 20 near Pilt on 20.01, 25 at QF on 28.02, and 30 at Pilt on 06~07.03. One fed briefly in an Oak garden on 01.02, and three were in a Clips garden on 03.02. Autumn birds were reported from 02.09 from Leigh, LFP, FHP, RWEg/Whit/Heron Bay and HM. The peak counts were 60+ at LFP throughout Oct. rising to c.120 there on 20.11, with 80 still present to the end of Dec. 20 were near HM on 18.12.
- Common (Mealy) Redpoll** One was with Lesser Redpolls at EBR inflow on 30.11.
- Common Crossbill** Recorded in BW on five dates between 08.06~09.07 with a max. of c.15 on 27.06. One or two were heard over Leigh between 10.07~16.08. with two over Martinsthorpe on 29.09 and one over Leigh on 09.12.
- Bullfinch** This species was widely reported in small nos. from thick hedgerows and scrub. c.18 were noted around Leigh on 31.07 and eight were noted going to roost at KQ on 11.11.
- Yellowhammer** There were flocks of 110 on 25.01, and 81 on 07.02, on game crops in Ext Park. 36 were near NLuff on 21.04. Still a widespread breeder on farmland. Nos. at BCF seem to be on the rise with 17 territories there this year (15 in 2014). 30 were in Ext Park on 11.10.

Reed Bunting

Garden records in the first winter period were from Oak and Stam where up to ten were present between 01~15.01 – a record count there. Breeding season records came from RWEg/Lynd, FHP, EBR and Banthorpe Gravel Pit and the species remains widespread in oilseed rape crops across the county. 21 were noted at Leigh on 29.09, and a female was again in a Stam garden between 04~06.12.

WILDFOWL COUNTS 2015

Eyebrook Reservoir	Jan	Feb	Mar	April	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec
Mute Swan	73	87	65	56	55	72	82	88	91	90	98	100
Pink-footed Goose	2				1							
Greylag Goose	140	53	11	24	17	83	116	414	390	315	163	280
Canada Goose	142	138	40	6	17	133	165	54	102	16	99	11
Egyptian Goose								2				
Shelduck	2	4	7	14	10	4	9	2	1	1	1	1
Wigeon	445	552	267						17	111	355	268
Gadwall	72	41	44	39	27	48	5	2	10	29	86	81
Teal	708	610	113	138		3		77	156	272	358	591
Mallard	194	158	24	51	66	159	249	449	547	103	232	217
Pintail	3	2		1					3	4		2
Garganey								1				
Shoveler		2						3	1	5	1	
Red-crested Pochard									3			
Pochard		42	72				1		1	64	200	182
Tufted Duck	36	185	301	3	4	15	14	4	25	310	1300	1449
Goldeneye	59	63	37	3						2	36	28
Smew		7	1									
Cormorant	38	37	16	11	1	6	7	11	21	51	42	33
Little Egret	1	5	1	1	1	3	16	8	10	3	3	11
Grey Heron	4	5	2	1		2	5	2	4	4	3	3
Spoonbill										1		
Little Grebe									3	5	3	2
Great Crested Grebe	23	42	18	30	12	19	23	56	31	47	44	111
Slavonian Grebe												1
Moorhen	4	5	1	4	4	1	6	1	5	4	6	5
Coot	72		61	11	8	3	8	18	46	186	363	390
Kingfisher									2	2		
Great White Egret		1										

WILDFOWL COUNTS 2015

Rutland Water	Jan	Feb	Mar	April	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec
Mute Swan	182	166	140	169	220	253	369	472	537	307	248	195
Pink-footed Goose			2								2	
European White-fronted Goose	1	2	2									
Greenland White-fronted Goose	1	1	1	1	1	1						
Greylag Goose	773	237	324	190	249	726	780	615	1131	910	1191	650
Canada Goose	545	623	119	108	121	772	1000	402	1408	377	900	769
Barnacle Goose	2	2							16	17	17	2
Egyptian Goose	59	34	17	30	39	88	118	68	124	71	59	25
Shelduck	13	25	32	53	27	11	18	5	2	4	4	11
Mandarin Duck	3	4	3				3					
Wigeon	2681	2891	2244	25	3	8	5	14	1721	2512	2406	2163
Gadwall	344	375	112	117	97	233	468	517	703	764	685	516
Teal	1445	1083	198	126	6	23	41	236	745	821	1316	739
Mallard	672	487	386	304	318	644	980	1194	1409	1034	1068	822
Pintail	63	78	22	4	2				51	117	178	131
Garganey							2			1		
Shoveler	26	25	33	46	9	26	16	80	252	288	212	49
Red-crested Pochard	1	2				1		1	6	1	8	1
Pochard	90	88	19	3	3	11	13	37	78	42	76	46
Tufted Duck	2738	2122	1062	807	239	349	1407	2690	8141	2601	2133	2179
Scaup	5	3	4	1			1				1	
Goldeneye	345	213	258	4	1	1		1	6	23	89	294
Smew	11	8	3									2
Goosander	21	15	10								1	22
Great Northern Diver	1	1	1	1							1	4
Cormorant	116	127	159	143	54	194	225	230	502	285	213	136
Bittern										2		
Little Egret	8	2	5	9	4	20	88	76	84	59	30	17
Great White Egret			1						3	2	2	3
Grey Heron	20	24	6	20	20	15	22	16	20	23	19	17
Spoonbill										1		
Little Grebe	95	66	23	8	8	4	18	71	150	117	116	76
Great Crested Grebe	294	392	180	143	130	162	192	354	425	378	343	349
Red-necked Grebe	1	1								1	1	1
Slavonian Grebe											1	3
Black-necked Grebe	2	2	2						2	2	2	2
Water Rail	10	2							12	12	10	
Moorhen	91	82	87	61	57	56	101	135	131	190	154	102
Coot	1950	1680	431	285	291	706	934	1245	2391	2054	1561	1548
Kingfisher	2						2	2	4	3		1

WILDFOWL COUNTS 2015

Fort Henry & Exton Park	Jan	Feb	Mar	April	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec
Mute Swan	11	11	17	14	12	14	10	9	8	5	5	8
Greylag Goose	185	37	329	20	8	2	19	1		1		
Canada Goose	8		2	2					6			
Egyptian Goose	5	2	11	4	4	2	5		2	2		3
Shelduck		1	2	1	2	4						1
Mandarin Duck										1		
Wigeon	112	72	135						3	20	27	105
Gadwall	151	125	78	20	18	68	15	34	63	85	66	82
Teal	11	24	37	4				1	38	43	8	34
Mallard	141	75	107	45	51	64	78	116	119	174	257	207
Pintail									3	4	1	
Shoveler	4	4		4		2	2	7	35	31	15	6
Pochard	1	3	5						1		5	3
Tufted Duck	70	103	55	44	14	19	29	8	4	18	59	55
Goosander												4
Cormorant	3	2	5	1	2	3	3			1	1	4
Little Egret	1											
Grey Heron		1	1		1		1	4	3	2	1	1
Little Grebe	21	23	7				1	3	1	4	10	19
Great Crested Grebe										1		
Moorhen	11	10	8	14	6	7	17	48	48	41	25	19
Coot	91	127	73	58	30	38	48	76	78	81	106	112
Kingfisher				1			1					

WILDFOWL COUNTS 2015

Banthorpe Gravel Pit	Jan	Feb	Mar	April	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec
Mute Swan		3		2	2	2	2	5	5	5	5	5
Greylag Goose	19	20	23	32	11		1			10		
Canada Goose			2	1	2							
Teal	32	41	21						18	50	36	20
Mallard	6	7	10		5	3	14	24	52	31	2	2
Pintail										1		
Pochard	3	20	23									
Tufted Duck	7	9	9					1				
Cormorant		2	1		1					1		
Little Egret			1					1	7	1	1	
Grey Heron	1	1		1	1	2	1	1	3	1	1	1
Moorhen	1	2	3	1	2	1	4	4				
Coot			1	4	6	2						
Kingfisher								1				

WILDFOWL COUNTS 2015

Holywell Lake	Jan	Feb	Mar	Sept	Oct	Dec
Mute Swan	2	2	1	2	2	2
Greylag Goose	5	89	18	91	68	156
Canada Goose	25	85	27	13	36	65
Wigeon	6		6			7
Gadwall	24	20	48	1	4	36
Teal	2	13	4		2	8
Mallard	72	71	32	82	48	218
Shoveler				1		
Tufted Duck	15	26	23	5	5	26
Little Egret						2
Grey Heron	1	2		1		
Little Grebe	12	12	7	17	5	12
Moorhen	20	11	19	19	17	11
Coot	5	8	12	3	4	3
Kingfisher	1	1	1	1	2	

WADER COUNTS 2015

Rutland Water	Jan	Feb	Mar	April	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec
Avocet				1		4	5					
Oystercatcher		3	17	53	32	27	2	2				
Golden Plover											720	1
Lapwing	722	461	74	38	36	198	760	727	365	335	1324	1311
Little Ringed Plover				3	6	6	23	2				
Ringed Plover			7	10	12	5	7	5	8	1		
Whimbrel								1				
Curlew	12	12	16	1				6	9	9	8	8
Black-tailed Godwit				1	9		3		1		1	1
Turnstone					1							
Ruff				1				4	18	1		
Temminck's Stint							1					
Dunlin	23		20	6	6	1	7	12	4		1	12
Common Sandpiper				1			11	3	7			
Green Sandpiper	1		3				5		11	4		1
Greenshank				1					2			
Redshank	19	10	8	8	7	6	9	2		8	10	6
Jack Snipe	1											1
Snipe	26	27	8						10	13	20	20
Wood Sandpiper								1				

WADER COUNTS 2015

Eyebrook Reservoir	Jan	Feb	April	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec
Oystercatcher				3		1					
Golden Plover										32	236
Lapwing	250	230	4	6	74	510	213	220	210	650	600
Little Ringed Plover			6	6	2	6					
Ringed Plover				3	1	2	14	8			
Whimbrel							2				
Black-tailed Godwit						3					
Bar-tailed Godwit					1						
Ruff							4	16			
Sanderling				1							
Dunlin		25		2			4	4	1	4	
Common Sandpiper						4	3	5			
Green Sandpiper							2				
Wood Sandpiper							1				
Redshank				1							1
Jack Snipe									1		
Snipe		yes							2		3
Greenshank							1				

BREEDING DATA: Beaumont Chase Farm, Uppingham, Rutland 2015

Farmland CBC Plot 1450; grid reference: SP 845995; plot size: 65.4ha

A total of 32hrs 40mins of observations were made over ten visits. Surveys were undertaken on 11 & 21 March; 4, 13, 25 April; 7, 24 & 30 May; 7 & 24 June.

Species and numbers of territories held in 2015

Greylag Goose	P	(1)	Green Woodpecker	P	(P)	Treecreeper	P	(P)
Mallard	1	(2)	Magpie	2	(1)	Wren	19	(23)
Red-legged Partridge	2	(1)	Jay	1	(P)	Starling	P	(P)
Pheasant	2	(6)	Jackdaw	11n	(21n)	Blackbird	20	(22)
Cormorant	§	(§)	Rook	17n	(19n)	Fieldfare	P	(0)
Grey Heron	§	(§)	Carrion Crow	1n	(2n)	Song Thrush	1	(1)
Red Kite	1	(1)	Raven	P	(1)	Redwing	P	(0)
Sparrowhawk	P	(P)	Goldcrest	1	(1)	Mistle Thrush	P	(P)
Buzzard	1	(1)	Blue Tit	20	(15)	Spotted Flycatcher	1	(0)
Osprey	§	(0)	Great Tit	6	(8)	Robin	16	(21)
Kestrel	P	(0)	Coal Tit	1	(1)	Duncock	14	(17)
Hobby	P	(P)	Willow Tit	1	(0)	House Sparrow	12n	(11n)
Curlew	§	(0)	Marsh Tit	1	(0)	Pied Wagtail	1	(1)
Black-headed Gull	P	(0)	Skylark	5	(7)	Meadow Pipit	F	(P)
Common Gull	P	(0)	Swallow	1	(P)	Redstart	P	(0)
Stock Dove	7	(6)	House Martin	F	(0)	Chaffinch	8	(18)
Woodpigeon	47n	(47n)	Long-tailed Tit	1	(P)	Greenfinch	4	(4)
Collared Dove	1	(0)	Chiffchaff	7	(4)	Goldfinch	5	(4)
Little Owl	P	(1)	Blackcap	7	(4)	Linnet	4	(6)
Tawny Owl	P	(0)	Garden Warbler	P	(1)	Bullfinch	1	(1)
			Lesser Whitethroat	3	(4)	Yellowhammer	17	(15)
			Whitethroat	5	(11)	Reed Bunting	P	(1)

KEY

P species present but territory not confirmed **n** nests counted § seen flying over not holding territory

All (bracketed) figures report 2014 counts

Summary

In 2015, 67 species were seen, 13 more than in 2014.

This year 40 species were holding territories, with a total of 274 territories or nests identified.

For 2014 the figures were 40 species but holding 39 more territories, 313 in total.

Rather more records were received this year than in 2014, though this was largely due to help from outside our regular band of recorders. A small group surveyed Barrowden churchyard, as part of a continuing survey of churchyards in Leicestershire and Rutland, and later in the year members of the Botanical Society of Britain and Ireland, vc55 branch, did a survey at Eyebrook reservoir whilst the water level was reasonably low. (Only records from the eastern side were counted. The western shore is in Leicestershire.) With this help 402 species of vascular plants – flowering plants, sedges, rushes, trees and a few ferns – were recorded. There seemed to be an abundance of Cowslips and Primroses early in the year, whilst many of the main roadside verges were ‘snowy’ with Danish Scurvy Grass. This is a salt-loving species that seems to have spread widely in the country, as more roads are treated for ice.

Andy Lear led a very interesting and successful master class at Merry’s Meadows at the end of May. He showed how plants prefer particular soil types, very well illustrated by the large numbers of Green-winged Orchids and of Yellow Rattle, occupying different parts of the reserve. Dyers’ Greenweed still grows there, possible the only site in Rutland. There were not many records of other orchids. Pyramidal orchids were only recorded at Bloody Oaks Quarry and Early Purple Orchids at Prior’s Coppice. Greater numbers of Common Spotted Orchids were found at Pickworth Great Wood.

As mentioned last year, recording of roadside verges is under review, to try and decide which are the best and most fruitful verges to be recorded, particularly since the number of volunteers willing to do such work continues to fall and we haven’t been able to recruit new recorders. This work is continuing. As for many years, it is the same people who send in records who are also verge recorders. There doesn’t seem to be many people sufficiently interested in botany to make the effort to send in records. A great pity especially as it is very simple to use the society’s web site to send in a record, complete with exact geographical location.

Perhaps more people will try in 2016.

A

Adder’s-tongue Fern
Agrimony
Alder
American Willowherb
Amphibious Bistort
Annual Meadow Grass
Ash
Atlas Cedar
Autumn Gentian
Autumn Hawkbit

<i>Ophioglossum</i>	–	MM
<i>Agrimonia eupatoria</i>	v4/s v6 v16	BOQ K-Em
<i>Alnus glutinosa</i>	–	EBR
<i>Epilobium ciliatum</i>	–	EBR
<i>Persicaria amphibia</i>	–	EBR
<i>Poa annua</i>	–	Bden EBR
<i>Fraxinus excelsior</i>	–	Bden EBR PGW
<i>Cedrus atlantica</i>	–	Bden
<i>Gentianella amarella</i>	–	BOQ
<i>Scorzoneroideis autumnalis</i>	–	EBR MM

B

Barren Brome
Barren Strawberry
Beaked Hawksbeard
Bee Orchid
Beech
Betony
Bird’s-foot Trefoil
Black Bindweed
Black Bryony
Black Horehound
Black Medick
Black Nightshade
Blackthorn
Bladder Campion
Blue Fleabane
Bluebell
Box
Bramble

<i>Anisthanta sterilis</i>	–	EBR MM
<i>Potentilla sterilis</i>	v16	PC PGW
<i>Crepis vesicaria</i>	–	GtCast
<i>Ophris apifera</i>	–	COQ Ext
<i>Fagus sylvatica</i>	–	EBR
<i>Betonica officialis</i>	v16	PC PGW
<i>Lotus corniculatus</i>	v4 v6 v16	BOQ GtCast MM
<i>Fallopia convolulus</i>	–	GtCast
<i>Tamus communis</i>	–	BOQ K-Em MM
<i>Ballota nigra</i>	v4	GtCast
<i>Medicago lupulina</i>	v4 v6 v16	BOQ
<i>Solanum nigrum</i>	–	GtCast
<i>Prunus spinosa</i>	v4 v6	EBR PGW
<i>Silene vulgaris</i>	v4 v6	BOQ
<i>Erigeron acer</i>	–	Ryll PGW
<i>Hyacinthoides non-scripta</i>	v6 v16	BarnsW Clips HambW PC PGW
<i>Buxus sempervirens</i>	–	Bden
<i>Rubus fruticosus agg.</i>	v4 v6 v16	Bden EBR

Bridewort	<i>Spiraea agg.</i>	–	Bden
Bristly Oxtongue	<i>Helmanthoeca Echioides</i>	–	GtCast MM
Broad-leaved Dock	<i>Rumex obtusifolius</i>	–	Bden BOQ EBR MM PGW
Broad-leaved Helleborine	<i>Epipactis helleborine</i>	–	PC
Broad-leaved Willowherb	<i>Epilobium montanum</i>	v16	PC PGW
Brooklime	<i>Veronica beccabunga</i>	–	Bden EBR MM OakC
Broomrape	<i>Orobanche elatior</i>	v4	–
Buckthorn	<i>Rhamnus cathartica</i>	–	BOQ
Bugle	<i>Ajuga reptans</i>	v16	BW OakC PC PGW
Bulbous Buttercup	<i>Ranunculus bulbosus</i>	v6 v16	BarnsW BW MM
Burdock : see Lesser Burdock			
Burnet Saxifrage	<i>Pimpinella saxifraga</i>	–	BOQ K-Em
Bush Vetch	<i>Vicia sepium</i>	v6	EBR
C			
Carline Thistle	<i>Carlina vulgaris</i>	–	BOQ
Cat's-ear	<i>Hypochaeris radicata</i>	–	Bden
Celery-leaved Buttercup	<i>Ranunculus sceleratus</i>	–	EBR
Chalk Milkwort	<i>Polygala calcarea</i>	–	BOQ
Charlock	<i>Sinapis arvensis</i>	–	GtCast MM
Chicory	<i>Cichorium intybus</i>	–	Ryll
Cleavers	<i>Galium aparine</i>	v6 v16	Bden EBR MM
Clustered Bell Flower	<i>Campanula glomerata</i>	v4 v6 v16	BOQ
Clustered Dock	<i>Rumex conglomeratus</i>	–	EBR
Cocksfoot	<i>Dactylis glomerata</i>	–	BOQ EBR MM
Cockspur Hawthorn	<i>Crataegus crus-galli</i>	–	EBR
Coltsfoot	<i>Tussilago farfara</i>	–	CPW EBR KQ MM OakC PGW
Common Bent	<i>Agrostis capillaris</i>	–	EBR
Common Centaury	<i>Centaureum erythraea</i>	v16	BOQ COQ Pick
Common Chickweed	<i>Stellaria media</i>	v4	Bden BW
Common Clubrush	<i>Scirpus lacustris</i>	–	Cal
Common Couch	<i>Elytrigia repens</i>	–	EBR
Common Dog Violet	<i>Viola riviniana</i>	–	BarnsW BW PGW Pick
Common Field Speedwell	<i>Veronica persica</i>	v5 v16	GtCast HambW
Common Figwort	<i>Scrophularia nodosa</i>	–	BOQ
Common Fleabane	<i>Pulicaria dysenterica</i>	–	PGW
Common Fumitory	<i>Fumaria officinalis</i>	–	GtCast Oak
Common Gorse	<i>Ulex europaeus</i>	–	CPW EBR KQ MM OakC PGW
Common Gromwell	<i>Lithospermum officinale</i>	–	BOQ COQ
Common Hawthorn	<i>Crataegus monogyna</i>	v6 v16	Bden BOQ EBR MM PGW
Common Knapweed	<i>Centaurea nigra agg</i>	v4 v6 v16	BOQ GtCast MM
Common Mallow	<i>Malva sylvestris</i>	–	Bden GtCast
Common Milkwort	<i>Polygala vulgaris</i>	–	BOQ MM
Common Mouse-ear	<i>Cerastium fontanum ssp. vulgare</i>	–	Bden BOQ EBR
Common Nettle	<i>Urtica dioica</i>	v6	Bden EBR
Common Poppy	<i>Papaver rhoeas</i>	v6 v16	–
Common Ragwort	<i>Senecio jacobaea</i>	v4	Bden EBR GtCast
Common Reed	<i>Phragmites australis</i>	–	Bden
Common Restharrow	<i>Ononis repens</i>	v4	KQ
Common Rock Rose	<i>Helianthemum nummularium</i>	–	BOQ K-Em
Common Sorrel	<i>Rumex acetosa</i>	–	BOQ EBR MM
Common Spike Rush	<i>Eleocharis palustris</i>	–	EBR
Common Spotted Orchid	<i>Dactylorhiza fuchsii</i>	v16	COQ MM PGW
Common Toadflax	<i>Linaria vulgaris</i>	v6	BOQ
Common Twayblade	<i>Neottia ovata</i>	–	COQ
Common Valerian	<i>Valeriana officialis</i>	–	PGW
Common Vetch	<i>Vicia sativa</i>	v6 v16	MM
Common Water Starwort	<i>Callitriche stagnalis</i>	–	EBR
Compact Rush	<i>Juncus conglomeratus</i>	–	MM
Corn Sow-thistle: see also Perennial Sow-thistle			
	<i>Sonchus arvensis</i>	–	BOQ GtCast
Cow Parsley	<i>Anthriscus sylvestris</i>	v4 v6 v16	Bden BOQ EBR PC
Cowslip	<i>Primula vulgaris</i>	v4	BarnsW BOQ GtCast KQ Lynd
Crab Apple	<i>Malus sylvestris</i>	–	BW MM
Crack Willow	<i>Salix x fragilis</i>	–	EBR
Creeping Bent	<i>Agrostis stolonifera</i>	–	Bden EBR MM
Creeping Buttercup	<i>Ranunculus repens</i>	v4 v6 v16	Bden BOQ BW EBR MM PGW

Creeping Cinquefoil	<i>Potentilla reptans</i>	v4S v6	Bden BOQ EBR
Creeping Jenny	<i>Lysimachia nummularia</i>	–	EBR
Creeping Thistle	<i>Cirsium arvense</i>	v4 v6	EBR
Creeping Yellow Cress	<i>Rorippa sylvestris</i>	–	EBR
Crested Dog's Tail	<i>Cynosurus cristatus</i>	–	EBR
Crown Vetch	<i>Securigera varia</i>	–	KQ
Cuckoo Flower	<i>Cardamine pratensis</i>	–	BW MM OakC PC
Curled Dock	<i>Rumex crispus</i>	–	MM
Cut-leaf Cranesbill	<i>Geranium dissectum</i>	–	MM
D			
Daffodil	<i>Narcissus</i>	–	Bden
Daffodil	<i>Narcissus sp</i>	v6	BOQ
Daisy	<i>Bellis perennis</i>	v4 v5 v16	BarnsW Bden BOQ BW EBR HambW MM
Dandelion	<i>Taraxacum agg</i>	v4 v6 v16	BarnsLW Bden BOQ BW EBR PC PGW
Danish Scurvy Grass	<i>Cochlearia danica</i>	–	Roadsides
Deadly Nightshade	<i>Atropa belladonna</i>	–	BOQ
Devils-bit Scabious	<i>Succisa pratensis</i>	v6 v16	–
Dog Rose	<i>Rosa canina</i>	v4 v6 v16	EBR
Dog's Mercury	<i>Mercurialis perennis</i>	v6 v16	BarnsW BarnsLW BLQ BOQ GtCast HambW PC PGW
EBR			
Dovesfoot Cranesbill	<i>Geranium molle</i>	–	EBR GtCast
Dropwort	<i>Filipendula vulgaris</i>	–	MM
Dwarf Spurge	<i>Euphorbia exigua</i>	–	Pick
Dwarf Thistle	<i>Cirsium acaule</i>	–	BOQ
Dyer's Greenweed	<i>Genista tinctoria</i>	–	MM
E			
Early Dog Violet	<i>Viola reichenbachiana</i>	v6 v16	PC PGW
Early Purple Orchid	<i>Orchis mascula</i>	–	PC
Elder	<i>Sambucus nigra</i>	v4	Bden BOQ EBR
Enchanter's Nightshade	<i>Circaea lutetiana</i>	–	PW
Eyebright	<i>Euphrasia sp</i>	v4 v16	BOQ PGW
F			
Fairy Flax	<i>Linum catharticum</i>	v16	BOQ COQ
False Fox Sedge	<i>Carex atrubae</i>	–	PGW
False Oatgrass	<i>Arrhenatherum elatius</i>	–	EBR
Fat Hen	<i>Chenopodium album</i>	–	EBR GtCast
Field Bindweed	<i>Convolvulus arvensis</i>	v4 v6 v16	BOQ EBR GtCast
Field Forget-me-not	<i>Myosotis arvensis</i>	v6 v16	BOQ MM PC
Field Horsetail	<i>Equisetum arvensis</i>	v5	–
Field Madder	<i>Sherardia arvensis</i>	–	GtCast
Field Maple	<i>Acer campestre</i>	–	GtCast
Field Pansy	<i>Viola arvensis</i>	–	GtCast
Field Pennycress	<i>Thlaspi arvense</i>	–	GtCast
Field Scabious	<i>Knautia arvensis</i>	v4 v6 v16	BOQ GtCast K-Em
Field Speedwell	<i>Veronica persica</i>	–	Tole
Field Woodrush, Good Friday Grass	<i>Luzula campestris</i>	–	MM
Fool's Parsley	<i>Aethusa cynapium</i>	–	GtCast OakC
Fool's Watercress	<i>Apium nodiflorum</i>	–	Bden EBR
Foxglove	<i>Digitalis purpurea</i>	–	Bden
Fritillary	<i>Fritillaria meleagris</i>	–	Egl
Frog Rush	<i>Juncus ranarius</i>	–	EBR
G			
Garlic Mustard	<i>Alliaria petiolata</i>	v4 v6	GtCast OakC
Germander Speedwell	<i>Veronica chamaedrys</i>	v 6 v16 v4	BW MM
Glaucous Sedge	<i>Carex flacca</i>	–	MM
Goat Willow	<i>Salix caprea</i>	–	PGW
Goatsbeard	<i>Tragapodon pratensis</i>	v6 v16	GtCast MM
Golden Dock	<i>Rumex maritimus</i>	–	EBR
Goldilocks Buttercup	<i>Rununculus auricomus</i>	v4	MM
Grass Vetchling	<i>Lathyrus nissolia</i>	–	Egl
Great Burnet	<i>Sanguisorba officinalis</i>	–	MM
Great Willowherb	<i>Epilobium hirsutum</i>	–	Bden BOQ EBR GtCast PGW
Greater Butterfly Orchid	<i>Palanthera chlorantha</i>	–	COQ

Greater Celandine	<i>Chelidonium majus</i>	–	Bden
Greater Knapweed	<i>Centauria scabiosa</i>	v4 v6	BOQ K-Em
Greater Plantain	<i>Plantago major</i>	–	MM EBR
Greater Stitchwort	<i>Stellaria holostea</i>	v6	BarnsW BW
Green-winged Orchid	<i>Orchis morio</i>	–	MM
Grey Willow	<i>Salix cinerea</i>	–	EBR
Ground Ivy	<i>Glechoma hederacea</i>	v4 v5 v6 v16	BarnLW BarnsW EBR HambW PC PGW
Ground-elder	<i>Aegopodium podagraria</i>	–	Bden
Groundsel	<i>Senecio vulgaris</i>	–	Bden EBR MM
Gypsywort	<i>Lycopus europaeus</i>	–	EBR
H			
Hairy Bittercress	<i>Cardamine hirsuta</i>	–	BarnsLW Bden BW GtCast
Hairy Sedge	<i>Carex hirta</i>	–	EBR MM
Hairy St John's Wort	<i>Hypericum hirsutum</i>	–	PGW
Hairy Tare	<i>Vicia hirsuta</i>	–	PGW
Hairy Violet	<i>Viola hirta</i>	–	BOQ
Hard Rush	<i>Juncus inflexus</i>	–	EBR
Harebell	<i>Campanula rotundifolia</i>	v4	BOQ Ext Pick
Hazel	<i>Corylus avellana</i>	–	GtCast KQ PGW
Heath Speedwell	<i>Veronica officinalis</i>	v16	
Heath Spotted Orchid	<i>Dactylorhiza maculata</i>	–	MM
Hedge Bedstraw	<i>Galium mollugo</i>	v4 v6 v16	BOQ EBR GtCast K-Em
Hedge Parsley	<i>Torilis japonica</i>	–	GtCast
Hedge Woundwort	<i>Stachys sylvatica</i>	v6	BOQ EBR
Henbit Deadnettle	<i>Lamium amplexicaule</i>	–	GtCast
Herb Bennet	<i>Geum urbanum</i>	v6 v16	–
Herb Paris	<i>Paris quadrifolia</i>	–	PGW
Herb Robert	<i>Geranium robertianum</i>	v4 v6 v16	BW EBR MM PC
Hoary Plantain	<i>Plantago media</i>	v4 v16	Bden K-Em
Hoary Cress	<i>Lepidium draba</i>	–	ThistV
Hoary Willowherb	<i>Epilobium parviflorum</i>	–	Bden EBR
Hogweed	<i>Heracleum sphondylium</i>	v4 v6	Bden EBR MM
Holly	<i>Ilex aquifolium</i>	–	Bden
Hollyhock	<i>Alcea rosea</i>	–	Bden
Hop Trefoil	<i>Trifolium campestre</i>	v6	MM
Horseshoe Vetch	<i>Hippocrepis comosa</i>	–	BOQ
Hound's-tongue	<i>Cynoglossum officinale</i>	v16	BOQ
Hybrid Avens	<i>Geum rivale x urbanum</i>	–	PGW
Hybrid Champion	<i>Silene x hampeana</i>	–	BOQ
Hybrid Primrose	<i>Primula x pruhonicensis</i>	–	Bden
I			
Ivy	<i>Hedera helix</i>	–	Bden EBR MM
Ivy-leaved Toadflax	<i>Cymbalaria muralis ssp. muralis</i>	–	Bden
J			
Jack-by-the-Hedge	<i>Alliaria petiolata</i>	v6 v16	BarnsLW
K			
Kerria	<i>Kerria japonica</i>	–	Bden
Knapweed Broomrape	<i>Orobanchae elatior</i>	v6 v7	K-Em
Knotgrass	<i>Polygonum aviculare agg.</i>	–	EBR
Knotted Hedge-parsley	<i>Torilis nodosa</i>	–	GtCast
L			
Lady's Bedstraw	<i>Galium verum</i>	v4 v6	COQ BOQ MM
Lady's Smock	<i>Cardamine pratensis</i>	v6	EW
Lady's Mantle	<i>Alchemilla vulgaris</i>	–	MM
Lesser Celandine	<i>Ranunculus ficaria</i>	v4 v5 v6	BarnsLW BarnsW Bden BOQ BW Ext HambW MM PC PGW Seat
Lesser Burdock	<i>Articum minus</i>	–	BOQ
Lesser Centaury	<i>Centaurium pulchellum</i>	–	Pick
Lesser Skullcap	<i>Scutellaria minor</i>	v16	–
Lesser Stitchwort	<i>Stellaria graminea</i>	v6 v16	Ext
Lesser Trefoil	<i>Trifolium dubium</i>	–	MM
Lilac	<i>Syringa vulgaris</i>	–	Bden
Lilac Ivy-leaved Speedwell	<i>Veronica hederifolia</i>	v5 v16	Bden BW GtCast
Lime	<i>Tilia x europaea</i>	–	Bden
Lords and Ladies	<i>Arum maculatum</i>	–	BarnsW Bden Ext PC

M			
Male Fern	<i>Dryopteris filix-mas</i>	–	Bden
Mallow	<i>Malva sylvestris</i>	–	K-Em
Maple-leaved Goosefoot	<i>Chenopodium hybridum</i>	–	GtCast
Marjoram	<i>Origanum vulgare</i>	v16	–
Marsh Cudweed	<i>Gnaphalium uliginosum</i>	–	EBR
Marsh Dock	<i>Rumex palustris</i>	–	EBR
Marsh Marigold	<i>Altha palustris</i>	–	Bden Egl MM Oak Marsh Marsh
Marsh Stitchwort	<i>Silene palustris</i>	–	BW
Marsh Thistle	<i>Cirsium palustre</i>	–	KQ MM
Marsh Yellowcress	<i>Rorippa palustris</i>	–	EBR
Meadow Barley	<i>Hordeum secalinum</i>	–	EBR
Meadow Buttercup	<i>Ranunculus acris</i>	v6	EBR MM
Meadow Cranesbill	<i>Geranium pratense</i>	v4 v6 v16	Ext
Meadow Foxtail	<i>Alopecurus pratensis</i>	–	MM
Meadow Oatgrass	<i>Helictotrichon pratense</i>	–	MM
Meadow Vetchling	<i>Lathyrus pratensis</i>	V4 v16	EBR Ext MM
Meadowsweet	<i>Filipendula ulmaria</i>	–	BW EBR Ext PGW
Midland Hawthorn	<i>Crataegus laevigata</i>	–	EBR MM
Mignonette	<i>Reseda lutea</i>	–	GtCast
Mouse-ear Hawkweed	<i>Pilosella officinarum</i>	–	BOQ EBR MM
Mudwort	<i>Limosella aquatica</i>	–	EBR
Mugwort	<i>Artemisia vulgaris</i>	–	KQ
Mullein	<i>Verbascum thapsus</i>	–	BOQ
Musk Mallow	<i>Malva moschata</i>	v6	GtCast Ryll
N			
Narrow-fruited Cornsalad	<i>Valerianella dentata</i>	–	GtCast
Night Flowering Catchfly	<i>Silene noctiflora</i>	–	GtCast
Nipplewort	<i>Lapsana communis</i>	v4	GtCast
P			
Oak	<i>Quercus robur</i>	–	PGW
Opposite-leaved Golden Saxifrage	<i>Chryosplenium oppositifolium</i>	–	PC
Osier	<i>Salix viminalis</i>	–	EBR PGW
Ox-eye Daisy	<i>Leucanthemum vulgare</i>	v4 v6 v16	Bden GtCast
P			
Pale Persicaria	<i>Persicaria lapathifolia</i>	–	EBR
Pedunculated Oak	<i>Quercus robur</i>	–	EBR
Pepper Saxifrage	<i>Silaum silaus</i>	–	MM
Perennial Ryegrass	<i>Lolium perenne</i>	–	EBR
Perennial Sowthistle	<i>Sonchus arvensis</i>	–	BOQ GtCast
Perforate St John's Wort	<i>Hypericum perforatum</i>	v4 v6 v16	BOQ BOT EBR
Petty Spurge	<i>Euphorbia peplus</i>	–	Bden
Pignut	<i>Conopodium majus</i>	–	BOQ MM
Pineappleweed	<i>Matricaria discoidea</i>	v4	EBR GtCast
Pink Water Speedwell	<i>Veronica catenata</i>	–	EBR
Ploughman's Spikenard	<i>Inula conyzae</i>	–	KQ
Pond Sedge	<i>Carex riparia</i>	–	PGW
Poppy	<i>Papaver rhoeas</i>	–	GtCast
Prickly Lettuce	<i>Lactuca serriola</i>	–	GtCast
Prickly Sow-thistle	<i>Sonchus asper</i>	–	EBR
Primrose	<i>Primula vulgaris</i>	v5 v6 v16	BarnsW BarnsLW Bden CPW Emp HambW KQ Ldon PC PGW
Procumbent Pearlwort	<i>Sagina procumbens</i>	–	Bden
Pyramidal Orchid	<i>Anacamptis pyramidalis</i>	–	BOQ
Q			
Quaking Grass	<i>Briza media</i>	–	BOQ MM
R			
Ragwort	<i>Senecio jacobaea</i>	v6 v16	–
Ransoms	<i>Allium ursinum</i>	–	PGW
Red Bartsia	<i>Odontites verna</i>	–	PGW
Red Champion	<i>Silene dioica</i>	v6	BarnsW BOQ EBR OakC PC
Red Clover	<i>Trifolium pratense</i>	v4 v6 v16	EBR MM PC
Red Currant	<i>Ribes rubrum</i>	–	PC BarnsW
Red Dead Nettle	<i>Lamium purpureum</i>	v5 16	Bden GtCast MM
Red Fescue	<i>Festuca rubra</i>	–	EBR
Red Goosefoot	<i>Chenopodium rubrum</i>	–	EBR
Red-osier Dogwood	<i>Cornus sericea</i>	–	Bden

Redshank	<i>Pericaria maculosa</i>	–	EBR
Reed Canary Grass	<i>Phalaris arundinacea</i>	–	EBR
Reed Sweet Grass	<i>Glyceria maxima</i>	–	EBR
Remote Sedge	<i>Carex remota</i>	–	PGW
Rest Harrow	<i>Ononis repens</i>	v6 v16	GtCast K-Em
Ribbed Melilot	<i>Melilotus officinalis</i>	–	MM
Ribwort Plantain	<i>Plantago lanceolata</i>	v4 v6 v16	BOQ EBR MM
Rosebay Willowherb	<i>Chamerion angustifolia</i>	v6 v16	BOQ
Rough Chervil	<i>Chaerophyllum temulentum</i>	–	GtCast Pick
Round-fruited Rush	<i>Juncus compressus</i>	–	EBR
S			
Sainfoin	<i>Onobrychis vicifolia</i>	–	GtCast
Salad Burnet	<i>Poterium sanguisorba</i>	v6 v16	BOQ K-Em
Sawwort	<i>Serratula tinctoria</i>	–	MM
Scarlet Pimpernel	<i>Anagallis arvensis</i>	–	GtCast
Scentless Mayweed	<i>Tripleurospermum inodorum</i>	–	EBR
Self-heal	<i>Prunella vulgaris</i>	v6 v16	–
Sharp-flowered Rush	<i>Juncus acutiflorus</i>	–	EBR
Shepherd's Purse	<i>Capsella bursa-pastoris</i>	v16	Bden GtCast MM
Silver Birch	<i>Betula pendula</i>	–	PGW
Silverweed	<i>Potentilla anserina</i>	–	BW EBR
Skullcap	<i>Scutellaria galericulata</i>	–	Egl
Slender Speedwell	<i>Veronica filiformis</i>	–	Bden
Sloe	<i>Prunus spinosa</i>	v5	PC
Small Catstail	<i>Phleum berthloni</i>	–	K-Em
Small-flowered Cranesbill	<i>Geranium pusillum</i>	–	GtCast
Small Scabious	<i>Scabiosa columbaria</i>	v4 v16	BOQ Ryll
Small-leaved Lime	<i>Tilia cordata</i>	–	EBR
Small-reed	<i>Calamagrostis villosa</i>	–	Cald PGW
Smooth Sow-thistle	<i>Sonchus oleraceus</i>	v6	Bden
Snowberry	<i>Symphoricarpos albus</i>	–	Bden
Snowdrop	<i>Galanthus nivalis</i>	–	Bden Ext KQ Tick
Soft Brome	<i>Bromus hordeaceus</i>	–	EBR
Soft Rush	<i>Juncus effuses</i>	–	EBR PGW
Southern Marsh Orchid	<i>Dactylorhiza praetermissa</i>	v16	–
Sowbread	<i>Cyclamen hederifolium</i>	–	EBP
Spear Thistle	<i>Cirsium vulgare</i>	v16	Bden EBR
Spike Rush	<i>Eleocharis palustris</i>	–	MM
Spindle	<i>Euonymus europaeus</i>	v6	BOQ
Spiny Restharrow	<i>Ononis spinosa</i>	–	BOQ KQ
Spring Sedge	<i>Carex chordorrhiza</i>	–	MM
Spurge Laurel	<i>Daphne Laureola</i>	–	BOQ KQ PC
Star of Bethlehem	<i>Ornithogalum angustifolium</i>	v6	–
Stinging Nettle	<i>Urtica dioica</i>	v6	BOQ
Stinking Hellebore	<i>Helleborus foetidus</i>	–	Pick
Stone Parsley	<i>Sison amomum</i>	–	Egl
Sulphur Clover	<i>Trifolium ochroleucon</i>	–	QF
Sun Spurge	<i>Euphorbia helioscopia</i>	–	GtCast Pick
Sweet Vernal Grass	<i>Anthoxanthum odoratum</i>	–	MM
Sweet Violet	<i>Viola odorata</i>	v4	BOQ KQ
Sweet Woodruff	<i>Galium odoratum</i>	–	PGW
Swinecress	<i>Coronopus squamatus</i>	–	MM
T			
Teasel	<i>Dipsacus fullonum</i>	–	BOQ GtCast
Thale Cress	<i>Arabidopsis thaliana</i>	v16	–
Three-nerved Sandwort	<i>Moehringia trinervia</i>	–	BW EBR
Thyme	<i>Thymus polytrichus</i>	–	BOQ
Thyme-leaved Speedwell	<i>Veronica serpyllifolia</i>	v16	Bden EBR
Timothy Grass	<i>Phleum pratense</i>	–	EBR
Toad Rush	<i>Juncus bufonius</i>	–	EBR PGW
Toothwort	<i>Latheria squamaria</i>	–	CPW PGW
Tor Grass	<i>Brachypodium pinnatum</i>	–	BOQ MM
Tormentil	<i>Potentilla erecta</i>	v6 v16	BW MM
Town-hall Clock	<i>Adoxa moschatellina</i>	–	BarnsW
Traveller's Joy	<i>Clematis vitalba</i>	–	GtCast
Trifid Bur-marigold	<i>Bidens tripartita</i>	–	EBR
Tufted Hair Grass	<i>Deschampsia cespitosa</i>	–	EBR

Tufted Vetch	<i>Vicia cracca</i>	v6 v16	COQ MM Pick
Twayblade	<i>Listera ovata</i>	–	PGW
U			
Upright Brome	<i>Bromopsis erecta</i>	–	MM
Upright Hedge Parsley	<i>Torilis japonica</i>	v4	BOQ
V			
Venus's Looking Glass	<i>Legousia hybrida</i>	–	GtCast
Viper's Bugloss	<i>Echium vulgare</i>	–	KQ
W			
Wall Speedwell	<i>Veronica arvensis</i>	–	GtCast
Water Avens	<i>Geum rivale</i>	–	MM PGW
Water Chickweed	<i>Myosoton aquaticum</i>	–	EBP EBR
Water Figwort	<i>Scrophularia auriculata</i>	–	EBR PGW
Water Forget-me-not	<i>Myosotis scorpioides</i>	–	EBR
Water Horsetail	<i>Equisetum fluviatile</i>	–	PC
Water Plantain	<i>Alisma plantago-aquatica</i>	–	MM
Wavy Bittercress	<i>Cardamine flexuosa</i>	–	BarnsW BW PC
Weld	<i>Reseda luteola</i>	v4	GtCast
Wetted Thistle	<i>Carduus crispus</i>	–	EBR
White Violet	<i>Violet alba</i>	v4	–
White Bryony	<i>Bryonia dioica</i>	–	BOQ GtCast
White Campion	<i>Silene latifolia</i>	v6 v16	BOQ EBR MM
White Clover	<i>Trifolium repens</i>	v4 v6 v16	BOQ EBR KQ
White Dead Nettle	<i>Lamium album</i>	v4 v5 v6 v16	BarnsLW BOQ BW EBR MM PC Pick
Wild Angelica	<i>Angelica sylvestris</i>	–	PGW EBR
Wild Basil	<i>Clinopodium vulgare</i>	v16	COQ K-Em KQ
Wild Carrot	<i>Daucus carota</i>	–	GtCast KQ
Wild Cherry	<i>Prunus avium</i>	–	EBR
Wild Crab Apple	<i>Malus sylvestris</i>	–	MM
Wild Liquorish	<i>Astragalus glycyphyllos</i>	–	COQ
Wild Marjoram	<i>Origanum vulgare</i>	–	BOQ K-Em
Wild Mignonette	<i>Reseda lutea</i>	v4 v6 v16	BOQ GtCast
Wild Parsnip	<i>Pastinaca sativa</i>	v16	BOQ
Wild Privet	<i>Ligustrum vulgare</i>	v4 v6	–
Wild Radish	<i>Raphanus raphanistrum</i>	–	GtCast
Wild Teasel	<i>Dipsacus fullonum</i>	v16	–
Winter Aconite	<i>Eranthis hyemalis</i>	–	Pick Strett Tick
Wood Anemone	<i>Anemone nemorosa</i>	–	BarnsLW CPW PC PGW
Wood Avens	<i>Geum urbanum</i>	–	Bden BOQ PGW
Wood Dock	<i>Rumex sanguineus</i>	–	PGW
Wood Forget-me-not	<i>Myosotis sylvatica</i>	–	Bden
Wood Sedge	<i>Carex sylvatica</i>	–	PGW
Wood Sorrel	<i>Oxalis acetosella</i>	–	PC BW
Wood Spurge	<i>Euphorbia amygdaloides</i>	–	PGW
Woodruff	<i>Galium odoratum</i>	–	PC
Woody Nightshade	<i>Solanum dulcamara</i>	–	EBR
Wooly Thistle	<i>Cirsium eriophorum</i>	v16 KQ	
Wych Elm	<i>Ulmus glabra</i>	–	EBR
Y			
Yarrow	<i>Achillea millefolium</i>	v4 v6 v16	Bden EBR MM
Yellow Archangel	<i>Lamium galeobdolon</i>	–	BW Egl PC
Yellow Pimpernel	<i>Lysimachia nemorum</i>	–	PGW
Yellow Rattle	<i>Rhinanthus minor</i>	v16	BOQ MM
Yellow Toadflax	<i>Linaria vulgaris</i>	–	BOQ GtCast
Yellow Vetchling	<i>Lathyrus aphaca</i>	–	COQ
Yellowwort	<i>Blackstonia perfoliata</i>	v16	BOQ
Yew	<i>Taxus baccata</i>	–	Bden
Yorkshire Fog	<i>Holcus lanatus</i>	–	EBR

2015 started cold and wet with very little butterfly activity until the arrival of a few warm and sunny days in April. However, May and June proved very changeable with a decrease in butterfly numbers. Late summer and early autumn provided some very warm days leading to a marked improvement in butterfly sightings and some very high counts being recorded. Over the year a total of 31 species were recorded in Rutland; Purple Emperor was not sighted. I should like to thank all those members and friends who have contributed to this report and all who have helped me during my time as Recorder.

- Small Skipper**
Thymelicus sylvestris
The first record for this species came from CQ on 30.06 and generally counts were better than 2014 with 30+ being observed at WFL and 20 at BCF on 16.07 & 05.08 respectively. The last record came from Egl on 12.08.
Other sites were: BOQ, GtCast, KQ, LyndR, StamQ
- Essex Skipper** *Thymelicus lineola*
Reports came from six sites with 18 being the highest total, from QF on 20.07.
Other sites were: BCF, GtCas, KQ, LyndR, Upp
- Large Skipper** *Ochlodes venata*
First record came from BOQ where 3 specimens were seen on 06.06. The numbers were mostly higher than in 2014 with 20+ at WFL on 16.07 and 16 at LyndR on 15.07. The last record came from CPW on 23.08.
Other sites were: BLQ, CQ, GtCast, KQ, LyndR, verge 7, Whiss
- Dingy Skipper** *Errynnis tages*
Reports came from four locations with the earliest sighting at KQ on 04.05. Highest count came from CQ where 12 were observed on 26.05. Singletons were seen at BOQ during May and June. A new site was Ess where 3 were seen on 17.05.
- Grizzled Skipper** *Pyrgus malvae*
A similar picture to the previous species: the earliest record came from KQ on 04.05 and also where a mating pair was observed on 16.05. Highest count came from CQ where 8 were recorded on 07.07. As previously a new site was Ess where 3 were seen on 17.05.
- Brimstone** *Gonepteryx rhamni*
This butterfly was seen for much of the year with the first record coming from KQ on 25.02 and the last report from WFL on 01.11. Highest counts were from KQ where 10 were noted on 07.04 and 21.05, and 8 at HambW and Egl on 06 & 15.04 respectively.
Other sites were: Bden, BOQ, CQ, CPW, Emp, GHW, Lang, Man, MO, Mor, Oak, Pick, LyndR, QF, Up, verge 8
- Large White** *Pieris brassicae*
First observed in Upp during April, this butterfly was seen regularly throughout the summer months with the last record coming from WFL on 16.09. Highest count was 19 at LyndR, on 15.07.
Other sites were: BCF, Bden, BOQ, Cal, CQ, GtCast, Oak, QF, Whiss
- Small White** *Pieris rapae*
This species was observed widely throughout Rutland with the first record coming from Oak on 18.04. The last sighting came from WFL on 16.09. High counts were 20+ at GtCast on 16.07 and 15 at BCF, on 5 August.
Other sites were: CQ, GHW, Horn Mill, KQ, MM, QF, Egl, LyndR, verge 7
- Green Veined White** *Pieris napi*
Numbers seemed slightly lower than those reported in 2014 with the highest count being 5 at Egl on 12.08. The first records came from KQ and Oak on 18.04 and the last sighting was at Egl, on 17.09.
Other sites were: Cal, EBR, GtCast/Pick, QF, Rid, LyndR, WFL
- Orange Tip**
Anthocharis cardamines
Reports of this species were not as widespread as in 2014 and the first record of a singleton male came from Oak on 10.04. Highest counts were 4 at KQ and LyndR on 15.04 and 11.05. The last record was of 3 male at QF on 23.05.
Other sites were: Barns, Bden, GHW, Lang, MM, MO, OakC, PC, Upp, verge 5
- Clouded Yellow** *Colias crocea*
There is just one report – a singleton near Sandpiper Hide Egl on 07.09.
- Green Hairstreak** *Callophrys rubi*
As similar position to last year with reports from three sites: the first record of 2 specimens came from KQ on 18 April and 2 were also seen at GHW on 21.05. A single specimen was noted at CQ on 06.06, and the last record, a singleton at KQ, on 18.06.

White Letter Hairstreak <i>Strymonidia w-album</i>	A marked increase in sightings over last year with 5 recorded at CQ on 30.06 and single specimens being seen at LyndR and Ryll during July; the final sighting was of a singleton at BOQ, on 01.08.
Small Copper <i>Lycaena phlaeas</i>	This butterfly fared similarly to 2014 with the first record coming from KQ on 26.05. The highest count was 4 at Egl on 12.08 and the last record was of a singleton at BOQ, on 11.09. Other sites were: Cal, LyndR, verge 7
Brown Argus <i>Aricia agestis</i>	The first report of a singleton came from KQ on 27.06 and the highest count of 4 came from the same site on 31.07. The last record came from QF on 11.09. Other sites were: BOQ, Cal
Common Blue <i>Polyommatus icarus</i>	This species showed a large increase in the number being seen and reported, with 49, the highest count, at CQ on 07.06. 13 were seen at QF on 17.08 and 10 at Egl on 12 August. The first record came from KQ on 11.05 and the last from WFL on 16.09. Other sites were: BCF, BOQ, LyndR, verge 7
Chalkhill Blue <i>Lysandra coridon</i>	This butterfly is just hanging on at BOQ with one specimen being seen on 31 .07.
Holly Blue <i>Celastrina argiolus</i>	Numbers for this species were up slightly on 2014 with the first sighting in Oak on 18.04. Thereafter the first brood was also seen at QF and LyndR. The second brood was first observed in Oak on 06.04, and 3 specimens were seen both at Bden and WFL and during August.
Red Admiral <i>Vanessa atalanta</i>	Once again this butterfly was seen widely across Rutland, mostly in ones and twos. The first record came from Oak on 27.02 and the last from WFL 01.11. The highest counts were 5 at LyndR on 15.07 and 4 at MO in September. Other sites were: Bden, BOQ, CQ, DP, GtCast, KQ, Man, QF, Rid, Egl, Whiss, Wing
Painted Lady <i>Cynthia cardui</i>	A much improved picture compared with 2014 with sightings coming from a variety of locations. First record was from Man on 06.06 and also where the last sighting occurred on 13.09. Highest counts were 3 at Egl on 17.06 and QF 17.08. Other sites were: Bden, BOQ, CQ, DP, EBR, GtCast, KQ, Leigh, Mthorpe
Small Tortoiseshell <i>Aglais urticae</i>	The very high counts of last year were not repeated but this species was reported widely across Rutland for nine months of the year. The first record came from KQ on 07.03 and the last from Egl on 29.12. Highest count was 8 at Lynd on 15.07. Other sites were: Bden, BCF, BOQ, Cal, CQ, GHW, HW, Lang, MO, Oak, OakC, Pick, QF, Upp, verge 7, WFL, Whiss
Peacock <i>Inachis io</i>	Like the previous species this butterfly was reported widely across Rutland for much of the year. First record came from Bden on 20.03 and the last sighting was at KQ on 28.12. Highest counts were 18 at KQ on 31.07 and 12 at Lynd on 09.04. Other sites were: Barns, BarnsLW, BBCF, BOQ, BW, CPW, Egl, GHW, GtCast, HambW, Lang, Man, MO, Oak, OakC, Pick, QF, Upp, verge 7
Comma <i>Polygonia c-album</i>	The first record came from KQ when 4 were seen on 07.03, and the last record was a singleton at Egl on 25.11. Highest count by far was 14 at Lynd on 15.07. Other sites were: BarnsW, Bden, BOQ, CQ, HambW, MO, Mor, Oak, QF, Upp, Whiss
Dark Green Fritillary <i>Argynnis aglaja</i>	A similar position to last year: the first sighting was of a pair at KQ on 15.06. The highest count was 30 at CQ on 30.06, which was where the last record came from on 23.08. At BOQ 12 were seen on 31.07.
Silver-washed Fritillary <i>Argynnis paphia</i>	This species was seen at KQ throughout July with 4 recorded 11.07. A new site was BOQ where 3 specimens were seen on 01 & 11.08.
Speckled Wood <i>Parage aegeria</i>	As last year this butterfly was observed throughout our area, with the first sightings coming from KQ and Egl on 15.04. Highest counts were 28 at Egl on 11.09 and 15 at CPW on 06.09. The last record came from EBR on 10.10. Other sites were: BOQ, BW, Cal, CQ, MO, QF, Lynd, WFL

- Marbled White**
Melanargia galathea
- This species seems well established in Rutland with some very high counts being recorded. It was first observed at KQ on 15.06 and at the RNHS meeting there on 11.07 in excess of 120 was counted. Other large counts were 76 at CQ on 30.06 and in excess of 40 at BOQ on 06.07.
Other sites were: Ext, FHP, GtCast, QF, WFL
- Gatekeeper** *Pyronia tithonus*
- As in 2014 the first record came from KQ on 11.07 when 3 specimens were observed. Highest counts were 37 at Lynd on 15.07 and in excess of 25 at WFL on 16.07.
Other sites were: BCF, BOQ, Cal, CQ, Egl, GtCast, HM, MO, Oak, QF, verge 7
- Meadow Brown**
Maniola jurtina Linnaeus
- Another excellent year for this butterfly with some very high counts being recorded: the first sighting was at Egl on 12.06. Highest counts were 100+ at WFL and QF on 01 & 16.07 respectively. 64 were counted at Leigh on 29.06 and 35 at CQ on 30.06, the latter site being where the last record came on 23.08.
Other sites were: BCF, BOQ, BW, CPW, GtCast, HM, KQ, Lynd, Oak, verge 7, Whiss
- Small Heath**
Coenonympha pamphilus
- The first sighting came from KQ on 18.05 and 17 were counted at GHW 21.05. Six were counted at QF on 01.07 and at WFL on 13.08. Last record came from QF where 5 specimens were observed on 11.09.
Other sites were: BOQ, CQ, GtCast, MM
- Ringlet** *Aphantopus hyperantus*
- Some very high counts were recorded in Rutland mid-June~ mid-August for this species. Over 60 were counted at KQ on 11.07 and in excess of 50 at CQ and BOQ on 05 & 06.07 respectively.
Other sites were: BCF, CPW, GtCast, Lynd, QF, verge 7, WFL, Whiss

This year's results include lists from trapping, for example woodland species from Stretton, Pickworth and Wardley which have increased the totals greatly. Numbers have once again been recorded at Rutland Water in the reed beds throughout the year and at Eyebrook Reservoir from April until September. Other records came from Luffenham Heath Golf Course, a garden trap at Barrowden and of course areas visited by members. The Society's fiftieth year was marked with an evening's trapping in Clipsham Quarry on 25 July with several newer members discovering just how chill a mid-summer night can be!

Regarding new species and others worthy of a special mention, the V-Moth was the highlight at Clipsham Quarry. At Eyebrook Reservoir eleven new micros were added to the site list and also Least Carpet, Dwarf Cream Wave and Orange Sallow. A Blossom Underwing was notable at the Barrowden garden trap.

As always, the weather has played a large part in moth numbers and numbers of species throughout the year. March and April were very slow with only the odd milder period (noticeably 97 moths of 16 species at EBR one night). May was cool, wet and windy and moths appeared to be emerging one or two weeks later than is usual in our County. June showed a distinct improvement and by the end of the month numbers had increased. July began well but was much cooler, and wetter spells moved in by the end of the month. August also deteriorated in the second half of the month. The year finished with some very mild conditions, but disappointingly very few records were received at that time.

MACRO MOTHS 2015

14	<i>Hepialus humuli</i>	Ghost moth	KQ Lang LHGC RW
15	<i>Hepialus sylvina</i>	Orange swift	Bden EBR LHGC RW
17	<i>Hepialus lupulinuss</i>	Common swift	Bden EBR KQ LHGC StretW RW
161	<i>Zeuzera pyrina</i>	Leopard moth	Bden EBR KQ LHGC StretW
169	<i>Zygaena filipendulae</i>	Six-spot burnet	BOQ
173	<i>Apoda limacodes</i>	Festoon	KQ
370	<i>Sesia apiformis</i>	Hornet moth	Kett
1631	<i>Poecilocampa populi</i>	December moth	LHGC RW
1632	<i>Trichiura crataegi</i>	Pale eggar	EBR LHGC
1634	<i>Malacosoma neustria</i>	The lackey	Bden EBR KQ LHGC
1640	<i>Euthrix potatoria</i>	The drinker	AddW Bden EBR KQ LHGC RW StretW
1645	<i>Falcaria lacertinaria</i>	Scalloped hook-tip	StretW
1646	<i>Watsonalla binaria</i>	Oak hook-tip	LHGC
1648	<i>Drepana falcataria</i>	Pebble hook-tip	AddW LHGC RW
1651	<i>Cilix glaucata</i>	Chinese character	AddW Bden EBR LHGC RW
1652	<i>Thyatira batis</i>	Peach blossom	EBR KQ LHGC RW StretW
1653	<i>Habrosyne pyritoides</i>	Buff arches	AddW Bden CQ EBR KQ LHGC StretW RW
1654	<i>Tethea ocularis</i>	Figure of eighty	Bden LHGC RW StretW
1659	<i>Achlya flavicornis</i>	Yellow horned	StretW
1660	<i>Polyploca ridens</i>	Frosted green	LHGC
1663	<i>Alsophila aescularia</i>	March moth	NW
1665	<i>Pseudoterpna pruinata</i>	Grass emerald	LHGC
1666	<i>Geometra papilionaria</i>	Large emerald	AddW Bden LHGC StretW
1667	<i>Comibaena bajularia</i>	Blotched emerald	Bden
1669	<i>Hemithea aestivaria</i>	Common emerald	Bden EBR KQ LHGC RW StretW
1673	<i>Hemistola chrysoprasaria</i>	Small emerald	CQ
1680	<i>Cyclophora punctaria</i>	Maiden's blush	Bden EBR KQ LHGC RW
1682	<i>Timandra griseata</i>	Blood-vein	Bden EBR KQ Lang LHGC RW StretW
1690	<i>Scopula imitaria</i>	Small blood-vein	Bden EBR KQ LHGC
1692	<i>Scopula immutata</i>	Lesser cream wave	Bden LHGC

1693	<i>Scopula floslactata</i>	Cream wave	StretW
1699	<i>Idaea rusticata atrosignaria</i>	Least carpet	EBR
1702	<i>Idaea biselata</i>	Small fan-footed wave	AddW Bden CQ EBR KQ LHGC RW StretW
1705	<i>Idaea fuscovenosa</i>	Dwarf cream wave	EBR
1707	<i>Idaea seriata</i>	Small dusty wave	Bden
1708	<i>Idaea dimidiata</i>	Single-dotted wave	Bden CQ EBR KQ LHGC RW StretW
1712	<i>Idaea emarginata</i>	Small scallop	CQ
1713	<i>Idaea aversata</i>	Riband wave	AddW Bden CQ EBR KQ Lang LHGC RW StretW
1722	<i>Xanthorhoe designata</i>	Flame carpet	Bden RW
1724	<i>Xanthorhoe spadicearia</i>	Red twin-spot carpet	AddW Bden EBR LHGC RW StretW
1726	<i>Xanthorhoe quadrifasiata</i>	Large twin-spot carpet	AddW Bden CQ EBR KQ LHGC RW StretW
1727	<i>Xanthorhoe montanata</i>	Silver-ground carpet	Bden EBR KQ Lang LHGC RW SM
1728	<i>Xanthorhoe fluctuata</i>	Garden carpet	Bden KQ StretW
1732	<i>Scotopteryx chenopodiata</i>	Shaded broad-bar	Bden BOQ CQ LHGC RW
1735	<i>Catarhoe rubidata</i>	Ruddy carpet	KQ
1738	<i>Epirrhoe alternata</i>	Common carpet	Bden EBR KQ Lang LHGC RW StretW
1742	<i>Camptogramma bilineata</i>	Yellow shell	Bden Lang LHGC RW StretW
1746	<i>Anticlea badiata</i>	Shoulder stripe	RW StretW
1747	<i>Anticlea derivata</i>	The streamer	Bden LHGC RW WW
1750	<i>Lampropteryx suffumata</i>	Water carpet	LHGC RW WW
1752	<i>Cosmorhoe ocellata</i>	Purple bar	LHGC RW
1754	<i>Eulithis prunata</i>	The phoenix	Bden
1758	<i>Eulithis pyraliata</i>	Barred straw	Bden CQ EBR KQ LHGC RW StretW
1759	<i>Ecliptopera silaceata</i>	Small phoenix	LHGC RW StretW
1760	<i>Chloroclysta siterata</i>	Red-green carpet	EBR LHGC RW
1762	<i>Chloroclysta citrata</i>	Dark marbled carpet	CQ
1764	<i>Chloroclysta truncata</i>	Common marbled carpet	Bden EBR KQ Lang LHGC RW StretW
1765	<i>Cidaria fulvata</i>	Barred yellow	Bden EBR KQ Lang LHGC RW StretW
1766	<i>Plemyria rubiginata</i>	Blue-bordered carpet	Bden LHGC RW StretW
1768	<i>Thera obeliscata</i>	Grey pine carpet	CQ LHGC
1769	<i>Thera briannica</i>	Spruce carpet	LHGC
1771	<i>Thera juniperata</i>	Juniper carpet	Bden
1773	<i>Electrophaes corylata</i>	Broken-barred carpet	LHGC
1776	<i>Colostygia pectinataria</i>	Green carpet	Bden EBR KQ LHGC RW StretW
1777	<i>Hydrlomene furcata</i>	July highflyer	AddW Bden CQ EBR KQ LHGC RW StretW
1782	<i>Horisme tersata</i>	The fern	KQ LHGC
1784	<i>Melanthia procellata</i>	Pretty chalk carpet	KQ LHGC
1789	<i>Rhumaptera undulate</i>	Scallop shell	Bden StretW
1791	<i>Philereme vetulata</i>	Brown scallop	KQ LHGC
1792	<i>Philereme transversata</i>	Dark umber	AddW Bden CQ EBR LHGC StretW
1795x	<i>Epirrita dilutata agg.</i>	November moth	Bden LHGC RW
1796	<i>Epirrita christyi</i>	Pale november moth	LHGC
1799	<i>Operophtera brumata</i>	Winter moth	RW WW
1803	<i>Perizoma alchemillata</i>	Small rivulet	EBR LHGC RW StretW
1804	<i>Perizoma bifaciata</i>	Barred rivulet	LHGC
1807	<i>Perizoma albulata</i>	Grass rivulet	Bden
1809	<i>Perizoma didymata</i>	Twin-spot carpet	EBR RW
1811	<i>Eupithecia tenuiata</i>	Slender pug	AddW
1812	<i>Eupithecia inturbata</i>	Maple pug	LHGC RW
1813	<i>Eupithecia haworthiata</i>	Haworth's pug	KQ
1819	<i>Eupithecia exiguata</i>	Mottled pug	Bden EBR KQ LHGC StretW
1825	<i>Eupithecia centaureata</i>	Lime-speck pug	Bden EBR LHGC
1828	<i>Eupithecia satyrata</i>	Satyr pug	KQ
1830	<i>Eupithecia absinthiata</i>	Wormwood pug	KQ LHGC StretW

1834	<i>Eupithecia vulgata</i>	Common pug	Bden EBR Lang LHGC RW StretW
1835	<i>Eupithecia tripunctaria</i>	White-spotted pug	KQ Lang LHGC RW
1837	<i>Eupithecia subfuscata</i>	Grey pug	Bden LHGC RW StretW
1838	<i>Eupithecia icterata</i>	Tawny speckled pug	LHGC
1840	<i>Eupithecia subumbrata</i>	Shaded pug	LHGC
1844	<i>Eupithecia indigata</i>	Ochreous pug	LHGC
1848	<i>Eupithecia innotata</i>	Ash pug	EBR
1851	<i>Eupithecia virgaureata</i>	Golden-rod pug	Bden LHGC
1852	<i>Eupithecia abbreviata</i>	Brindled pug	Bden EBR LHGC RW StretW WW
1853	<i>Eupithecia dodoneata</i>	Oak-tree pug	LHGC RW
1858	<i>Chloroclystis V-ata</i>	The V-pug	AddW CQ EBR LHGC RW StretW
1860	<i>Chloroclystis rectangulata</i>	Green pug	AddW Bden EBR KQ Lang LHGC RW StretW
1862	<i>Gymnoscelis rufifasciata</i>	Double-striped pug	Bden EBR KQ LHGC WW
1867	<i>Aplocera plagiata</i>	Treble-bar	Bden CQ KQ
1870	<i>Odezia atrata</i>	Chimney sweeper	RW SM
1876	<i>Hydrelia flammeolaria</i>	Small yellow wave	Bden EBR KQ
1883	<i>Acasis viretata</i>	Yellow-barred brindle	Bden LHGC
1884	<i>Abraxas grossulariata</i>	Magpie moth	Bden EBR LHGC RW
1885	<i>Abraxas sylvata</i>	Clouded magpie	LHGC
1887	<i>Lomaspilis marginata</i>	Clouded border	AddW Bden CQ EBR KQ LHGC RW StretW
1888	<i>Ligdia adustata</i>	Scorched carpet	CQ LHGC
1893	<i>Macaria liturata</i>	Tawny-barred angle	LHGC
1887	<i>Macaria wauaria</i>	V-moth	CQ
1902	<i>Petrophora chlorosata</i>	Brown silver-line	BW StretW
1904	<i>Plagodis dolabraria</i>	Scorched wing	Bden EBR LHGC RW StretW
1906	<i>Opisthograptis luteolata</i>	Brimstone moth	AddW Bden CQ EBR KQ LHGC RW StretW
1907	<i>Epione repandaria</i>	Bordered beauty	AddW LHGC RW StretW
1910	<i>Apeira syringaria</i>	Lilac beauty	EBR LHGC StretW
1912	<i>Ennomos quercinaria</i>	August thorn	LHGC
1913	<i>Ennomos alniaria</i>	Canary-shouldered thorn	LHGC RW
1914	<i>Ennomos fuscantaria</i>	Dusky thorn	Bden EBR LHGC RW StretW
1915	<i>Ennomos erosaria</i>	September thorn	LHGC
1917	<i>Selenia dentaria</i>	Early thorn	AddW CQ EBR LHGC RW WW
1919	<i>Selena tetralunaria</i>	Purple thorn	Bden EBR LHGC RW
1920	<i>Odontopera bidentata</i>	Scalloped hazel	LHGC StretW
1921	<i>Crocallis elinguaris</i>	Scalloped oak	CQ EBR LHGC RW StretW
1922	<i>Ourapteryx sambucaria</i>	Swallow-tailed moth	Bden EBR KQ LHGC StretW
1923	<i>Colotois pennaria</i>	Feathered thorn	LHGC RW
1926	<i>Apocheima pilosaria</i>	Pale brindled beauty	Bden RW WW
1927	<i>Lycia hirtaria</i>	Brindled beauty	EBR LHGC RW
1930	<i>Biston strataria</i>	Oak beauty	EBR NW RW WW
1931	<i>Biston betularia</i>	Peppered moth	Bden CQ EBR KQ LHGC RW StretW
1934	<i>Agriopsis marginaria</i>	Dotted border	EBR
1935	<i>Erannis defoliaria</i>	Mottled umber	LHGC RW WW
1936	<i>Menophra abruptaria</i>	Waved umber	Bden EBR LHGC RW
1937	<i>Peribatodes rhomboidaria</i>	Willow beauty	Bden CQ EBR KQ Lang LHGC RW StretW
1941	<i>Alcis repandata</i>	Mottled beauty	Bden CQ EBR KQ LHGC RW StretW
1944	<i>Serraca punctinalis</i>	Pale oak beauty	Bden KQ LHGC RW StretW
1947	<i>Ectropis bistortata</i>	The engrailed	CQ EBR LHGC RW StretW WW
1952	<i>Ematurga atomania</i>	Common heath	CQ
1955	<i>Cabera pusaria</i>	Common white wave	AddW Bden CQ EBR KQ LHGC RW StretW
1956	<i>Cabera exanthemata</i>	Common wave	AddW Bden EBR KQ RW StretW
1957	<i>Lomographa bimaculata</i>	White-pinion spotted	LHGC RW
1958	<i>Lomographa temerata</i>	Clouded silver	AddW Bden EBR KQ LHGC RW StretW

1960	<i>Theria primaria</i>	Early moth	RW
1961	<i>Campaea margaritata</i>	Light emerald	Bden CQ EBR KQ LHGC RW StretW
1970	<i>Perconia strigillaria</i>	Grass wave	KQ
1976	<i>Sphinx ligustri</i>	Privet hawk-moth	Bden CQ EBR KQ LHGC RW StretW
1978	<i>Hyloicus pinastri</i>	Pine hawk-moth	LHGC
1979	<i>Mimas tiliae</i>	Lime hawk-moth	Bden
1980	<i>Smerinthus ocellata</i>	Eyed hawk-moth	RW StretW
1981	<i>Laothoe populi</i>	Poplar hawk-moth	AddW Bden CQ EBR KQ LHGC RW StretW
1984	<i>Macroglossum stellatarum</i>	Humming-bird hk-moth	Bden Man Oak Upp
1991	<i>Deilephila elpenor</i>	Elephant hawk-moth	Bden EBR KQ LHGC RW StretW
1992	<i>Deilephila porcellus</i>	Small elephant hawk	Bden KQ RW StretW
1994	<i>Phalera bucephala</i>	Buff-tip	EBR LHGC RW StretW
1997	<i>Furcula furcula</i>	Sallow kitten	LHGC RW
1998	<i>Furcula bifida</i>	Poplar kitten	RW
2000	<i>Notodonta dromedaries</i>	Iron prominent	Bden CQ LHGC RW StretW
2003	<i>Eligmodonta ziczac</i>	Pebble prominent	Bden CQ EBR LHGC RW StretW
2006	<i>Pheosia gnoma</i>	Lesser swallow prominent	AddW Bden LHGC RW
2007	<i>Pheosia tremula</i>	Swallow prominent	AddW Bden EBR LHGC RW StretW
2008	<i>Ptilodon capucina</i>	Coxcomb prominent	AddW LHGC RW StretW
2009	<i>Ptilodon cucullina</i>	Maple prominent	RW
2011	<i>Pterostoma palpina</i>	Pale prominent	AddW Bden EBR KQ LHGC RW StretW
2015	<i>Drymonia ruficornis</i>	Lunar marbled brown	RW
2019	<i>Clostera curtula</i>	Chocolate-tip	Bden CQ LHGC RW
2020	<i>Diloba caeruleocephala</i>	Figure of eight	LHGC
2028	<i>Calliteara pudibunda</i>	Pale tussock	Bden EBR Lang LHGC StretW
2030	<i>Euproctis similes</i>	Yellow-tail	AddW Bden CQ EBR LHGC RW StretW
2031	<i>Leucoma salicis</i>	White satin	AddW Bden RW StretW
2033	<i>Lymantria monacha</i>	Black arches	AddW Bden CQ EBR LHGC RW
2035	<i>Thumatha senex</i>	Round-winged muslin	Bden EBR RW
2037	<i>Miltochrista miniata</i>	Rosy footman	LHGC
2038	<i>Nudaria mundane</i>	Muslin footman	Bden CQ EBR
2039	<i>Atolmis rubricollis</i>	Red-necked footman	KQ
2040	<i>Cybosia mesomella</i>	Four-dotted footman	Bden EBR KQ LHGC RW StretW
2043	<i>Eilema sororcula</i>	Orange footman	Bden KQ LHGC StretW
2044	<i>Eilema griseola</i>	Dingy footman	AddW Bden CQ EBR LHGC RW StretW
2047	<i>Eilema complana</i>	Scarce footman	AddW Bden CQ EBR KQ LHGC RW StretW
2049	<i>Eilema deplana</i>	Buff footman	AddW CQ EBR LHGC RW StretW
2050	<i>Eilema lurideola</i>	Common footman	AddW Bden CQ EBR KQ LHGC RW StretW
2057	<i>Arctia caja</i>	Garden tiger	EBR LHGC
2060	<i>Spilosoma lubricipeda</i>	White ermine	Bden EBR LHGC RW StretW
2061	<i>Spilosoma luteum</i>	Buff ermine	AddW Bden CQ EBR KQ Lang LHGC RW StretW
2063	<i>Diaphora mendica</i>	Muslin moth	Bden EBR LHGC RW StretW
2064	<i>Phragmatobia fuliginosa</i>	Ruby tiger	Bden EBR Lang LHGC RW StretW
2069	<i>Tyria jacobaeae</i>	The cinnabar	Bden CQ EBR KQ LHGC RW
2077	<i>Nola cucullatella</i>	Short-cloaked moth	Bden CQ EBR LHGC RW
2078	<i>Nola confusalis</i>	Least black arches	LHGC RW
2082	<i>Euxoa nigricans</i>	Garden dart	Bden LHGC
2087	<i>Agrotis segetum</i>	Turnip moth	Bden EBR KQ Lang LHGC StretW
2088	<i>Agrotis clavis</i>	Heart and club	Bden CQ EBR KQ LHGC
2089	<i>Agrotis exclamationis</i>	Heart and dart	Bden EBR KQ Lang LHGC RW StretW
2091	<i>Agrotis ipsilon</i>	Dark sword grass	RW StretW
2092	<i>Agrotis puta</i>	Shuttle-shaped dart	Bden CQ EBR Lang LHGC RW
2098	<i>Axyilia putris</i>	The flame	Bden EBR KQ LHGC RW StretW

2102	<i>Ochropleura plecta</i>	Flame shoulder	Bden EBR KQ Lang LHGC RW StretW
2107	<i>Noctua pronuba</i>	Large yellow underwing	AddW Bden CQ EBR KQ Lang LHGC RW StretW
2109	<i>Noctua comes</i>	Lesser yellow underwing	AddW Bden CQ EBR Lang LHGC RW StretW
2110	<i>Noctua fimbriata</i>	Broad-bordered yellow underwing	AddW CQ EBR Lang LHGC RW
2011	<i>Noctua janthina</i>	Lesser broad-bordered	AddW Bden CQ EBR Lang LHGC RW StretW
2112	<i>Noctua interjecta</i>	Least yellow underwing	EBR LHGC RW
2114	<i>Graphiphora augur</i>	Double dart	EBR LHGC RW
2119	<i>Peridroma saucia</i>	Pearly underwing	RW
2030	<i>Diarsia mendica</i>	Ingrailed clay	EBR Lang LHGC RW StretW
2122	<i>Diarsia brunnea</i>	Purple clay	LHGC
2123	<i>Diarsia rubi</i>	Small square spot	Bden EBR Lang LHGC RW StretW
2126	<i>Xestia c-nigrum</i>	Setaceous Hebrew character	AddW Bden CQ EBR KQ Lang LHGC RW StretW
2128	<i>Xestia triangulum</i>	Double square-spot	AddW Bden CQ EBR KQ Lang LHGC RW StretW
2131	<i>Xestia rhomboidea</i>	Square-spotted clay	Bden Lang LHGC RW
2133	<i>Xestia sexstrigata</i>	Six-striped rustic	Bden EBR Lang LHGC RW
2134	<i>Xestia xanthographa</i>	Square-spot rustic	Bden EBR Lang LHGC RW StretW
2138	<i>Anaplectoides prasina</i>	Green arches	LHGC StretW
2139	<i>Cerastis rubricosa</i>	Red chestnut	EBR LHGC RW StretW
2140	<i>Cerastis leucographa</i>	White-marked	RW StretW WW
2145	<i>Discestra trifolii</i>	The nutmeg	Bden
2147	<i>Hada plebeja</i>	The shears	StretW
2150	<i>Polia nebulosa</i>	Grey arches	StretW
2154	<i>Mamestra brassicae</i>	Cabbage moth	Bden
2155	<i>Melanchra persicariae</i>	Dot moth	Bden EBR KQ LHGC RW StretW
2157	<i>Lacanobia w-latinum</i>	Light brocade	Bden KQ LHGC
2158	<i>Lacanobia thalassina</i>	Pale-shouldered brocade	Bden LHGC RW StretW
2160	<i>Lacanobia oleracea</i>	Bright-line brown-eye	Bden CQ EBR KQ LHGC RW StretW
2166	<i>Hadena rivularis</i>	The champion	Bden KQ LHGC
2167	<i>Hadena perplexa</i>	Tawny shears	LHGC
2171	<i>Hadena confuse</i>	Marbled coronet	KQ
2173	<i>Hadena bicruris</i>	The lychnis	LHGC
2176	<i>Cerapteryx graminis</i>	Antler moth	LHGC RW
2178	<i>Tholera decimalis</i>	Feathered gothic	EBR StretW
2182	<i>Orthosia cruda</i>	Small quaker	Bden EBR LHGC NW RW StretW WW
2183	<i>Orthosia miniosa</i>	Blossom underwing	Bden
2185	<i>Orthosia populeti</i>	Lead-coloured drab	RW
2186	<i>Orthosia gracilis</i>	Powdered quaker	LHGC RW
2187	<i>Orthosia stabilis</i>	Common quaker	Bden EBR LHGC NW RW StretW WW
2188	<i>Orthosia incerta</i>	Clouded drab	Bden EBR LHGC NW RW StretW WW
2189	<i>Orthosia munda</i>	Twin-spotted quaker	EBR RW StretW WW
2190	<i>Orthosia gothica</i>	Hebrew character	Bden EBR LHGC NW RW StretW WW
2192	<i>Mythimna conigera</i>	Brown-line bright-eye	AddW Bden CQ EBR KQ LHGC RW StretW
2193	<i>Mythimna farrago</i>	The clay	AddW Bden CQ EBR KQ LHGC RW StretW
2194	<i>Mythimna albipuncta</i>	White-point	Bden
2197	<i>Mythimna straminea</i>	Southern wainscot	RW
2198	<i>Mythimna impure</i>	Smoky wainscot	Bden CQ EBR KQ LHGC RW StretW
2199	<i>Mythimna pallens</i>	Common wainscot	Bden EBR LHGC RW StretW
2204	<i>Mythimna obsoleta</i>	Obscure wainscot	RW
2205	<i>Mythimna comma</i>	Shoulder-striped wainscot	Bden EBR KQ LHGC RW
2221	<i>Cucullia verbasci</i>	The mullein	LHGC
2225	<i>Brachylomia viminalis</i>	Minor shoulder-knot	AddW CQ StretW

2227	<i>Brachionycha sphinx</i>	The sprawler	LHGC RW
2231	<i>Aporophyla lutulenta</i>	Deep-brown dart	LHGC
2232	<i>Aporophyla nigra</i>	Black rustic	Bden LHGC RW
2235	<i>Lithophane semibrunnea</i>	Tawny pinion	EBR
2236	<i>Lithophane hepatica</i>	Pale pinion	LHGC RW
2237	<i>Lithophane ornitopus lactipennis</i>	Grey shoulder-knot	EBR
2240	<i>Lithophane leautieri</i>	Blair's shoulder-knot	Bden
2243	<i>Xylocampa areola</i>	Early grey	Bden LHGC StretW
2245	<i>Allophyes oxyacanthae</i>	Green-brindled crescent	Bden LHGC RW
2247	<i>Dichonia aprilina</i>	Merveille du jour	LHGC
2248	<i>Dryobotodes eremita</i>	Brindled green	LHGC RW StretW
2252	<i>Polymixis flavicincta</i>	Large ranunculus	Bden
2256	<i>Eupsilia transversa</i>	The satellite	EBR LHGC RW StretW WW
2258	<i>Conistra vaccinii</i>	The chestnut	EBR LHGC RW StretW WW
2259	<i>Conistra ligula</i>	Dark chestnut	RW
2262	<i>Agrochola circellaris</i>	The brick	LHGC RW
2263	<i>Agrochola lota</i>	Red-line quaker	RW
2264	<i>Agrochola macilenta</i>	Yellow-line quaker	Bden LHGC RW
2266	<i>Agrichola litura</i>	Brown-spot pinion	Bden EBR LHGC RW
2267	<i>Agrichola lychndis</i>	Beaded chestnut	Bden EBR LHGC RW
2269	<i>Atethmia centrago</i>	Centre-barred sawfly	Bden EBR LHGC RW StretW
2270	<i>Omphaloscelis lunosa</i>	Lunar underwing	Bden EBR LHGC RW StretW
2271	<i>Xanthia citrigo</i>	Orange sawfly	EBR LHGC
2272	<i>Xanthia aurago</i>	Barred sawfly	Bden LHGC RW
2273	<i>Xanthia togata</i>	Pink-barred sawfly	RW
2274	<i>Xanthia icteritia</i>	The sawfly	EBR LHGC RW StretW
2275	<i>Xanthia gilvago</i>	Dusky-lemon sawfly	Bden
2278	<i>Acronicta megacephala</i>	Poplar grey	EBR KQ LHGC RW StretW
2279	<i>Acronicta aceris</i>	The sycamore	EBR LHGC StretW
2280	<i>Acronicta leporine</i>	The miller	LHGC RW StretW
2281	<i>Acronicta alni</i>	Alder moth	EBR StretW
2283	<i>Acronicta tridens</i>	Dark dagger	LHGC StretW
2284	<i>Acronicta psi</i>	Grey dagger	Bden CQ EBR LHGC StretW
2289	<i>Acronicta rumicis</i>	Knot grass	Bden LHGC
2291	<i>Craniophora ligustri</i>	Coronet	AddW Bden CQ EBR KQ LHGC RW StretW
2293	<i>Cryphia domestica</i>	Marbled beauty	Bden EBR KQ Lang RW
2297	<i>Amphipyra pyramidea</i>	Copper underwing	Bden EBR LHGC RW StretW
2299	<i>Amphipyra tragopogonis</i>	Mouse moth	Bden EBR LHGC RW
2300	<i>Mormo maura</i>	Old lady	Lang RW
2302	<i>Rusina ferruginea</i>	Brown rustic	Bden EBR KQ LHGC RW StretW
2303	<i>Thalpophila matura</i>	Straw underwing	Bden EBR LHGC RW
2305	<i>Euplexia lucipara</i>	Small angle shades	Bden CQ LHGC RW StretW
2306	<i>Phlogophora meticulosa</i>	Angle shades	Bden EBR Lang LHGC RW
2312	<i>Ipimorpha subtusa</i>	The olive	RW
2314	<i>Enargia ypsiloh</i>	Dingy shears	Bden EBR KQ LHGC RW
2318	<i>Cosmia trapezina</i>	The dun-bar	AddW Bden CQ EBR KQ LHGC RW StretW
2319	<i>Cosmia pyralina</i>	Lunar-spotted pinion	AddW CQ LHGC RW
2321	<i>Apamea monoglypha</i>	Dark arches	AddW Bden CQ EBR Kett KQ Lang LHGC RW
2322	<i>Apamea lithoxylaea</i>	Light arches	Bden CQ EBR KQ LHGC RW StretW
2323	<i>Apamea sublustris</i>	Reddish light arches	LHGC
2326	<i>Apamea crenata</i>	Clouded-bordered brindle	EBR LHGC RW
2327	<i>Apamea epomidion</i>	Clouded brindle	Bden EBR KQ LHGC StretW

2330	<i>Apamea remissa</i>	Dusky brocade	EBR LHGC RW
2331	<i>Apamea unanimitis</i>	Small clouded brindle	EBR LHGC RW
2333	<i>Apamea anceps</i>	Large nutmeg	Bden EBR KQ Lang LHGC RW StretW
2334	<i>Apamea sordens</i>	Rustic shoulder-knot	Bden EBR LHGC RW StretW
2335	<i>Apamea scolopacina</i>	Slender brindle	AddW EBR LHGC RW StretW
2336	<i>Apamea ophiogramma</i>	Double lobed	EBR LHGC RW
2337	<i>Oligia strigilis</i>	Marbled minor	AddW Bden CQ EBR KQ Lang RW StretW
2338	<i>Oligia versicolor</i>	Rufous minor	LHGC
2339	<i>Oligia latruncula</i>	Tawny marbled minor	Bden CQ EBR KQ LHGC RW
2340	<i>Oligia fasciuncula</i>	Middle-barred minor	Bden EBR KQ Lang LHGC RW
2341	<i>Mesoligia furuncula</i>	Cloaked minor	Bden EBR Lang LHGC RW
2342	<i>Mesoligia literosa</i>	Rosy minor	LHGC
2343	<i>Mesapamea secalis</i>	Common rustic	AddW Bden CQ EBR KQ LHGC RW StretW
2343a	<i>Mesapamea didyma</i>	Lesser common rustic	LHGC RW
2345	<i>Photodes minima</i>	Small dotted buff	AddW EBR LHGC RW StretW
2347	<i>Chortodes extrema</i>	The concolorous	Bden EBR LHGC
2349	<i>Chortodes fluxa</i>	Mere wainscot	AddW Bden CQ EBR LHGC RW StretW
2350	<i>Chortodes pygmina</i>	Small wainscot	StretW
2352	<i>Eremobia ochroleuca</i>	Dusky sallow	AddW Bden CQ EBR Lang LHGC Man Tix
2353	<i>Luperina testacea</i>	Flounced rustic	Bden EBR LHGC RW
2361	<i>Hydraecia micacea</i>	Rosy rustic	Bden EBR LHGC RW
2364	<i>Gortyna flavago</i>	Frosted orange	Bden EBR LHGC RW
2368	<i>Celaena leucostigma</i>	The crescent	RW
2369	<i>Nonagria typhae</i>	Bulrush wainscot	RW
2370	<i>Archanara geminipuncta</i>	Twin-spotted wainscot	Bden
2371	<i>Archanara dissolute</i>	Brown-veined wainscot	RW
2373	<i>Archanara sparganii</i>	Webb's wainscot	RW
2375	<i>Rhizedra lutosa</i>	Large wainscot	RW
2380	<i>Charanyca trigammica</i>	Treble lines	Bden EBR KQ LHGC RW StretW
2381	<i>Hoplodrina alsines</i>	The uncertain	AddW Bden CQ EBR KQ Lang LHGC RW StretW
2382	<i>Hoplodrina blanda</i>	The rustic	AddW Bden CQ EBR KQ Lang LHGC RW StretW
2384	<i>Hoplodrina ambigua</i>	Vine's rustic	Bden EBR LHGC RW
2385	<i>Spodoptera exigua</i>	Small mottled willow	EBR LHGC StretW
2387	<i>Caradrina morpheus</i>	Mottled rustic	Bden EBR LHGC RW StretW
2389	<i>Caradrina clavipalpis</i>	Pale mottled willow	Bden EBR
2391	<i>Chilodes maritimus</i>	Silky wainscot	RW
2403	<i>Heliothis peltigera</i>	Bordered straw	Bden
2410	<i>Lithacodia pygarga</i>	Marbled white spot	EBR KQ LHGC RW StretW
2418	<i>Earias clorana</i>	Cream-bordered green pea	RW
2421	<i>Bena bicolorana</i>	Scarce silver-lines	LHGC StretW
2422	<i>Pseudoips fagana</i>	Green silver-lines	Bden EBR KQ LHGC RW StretW
2423	<i>Nicteola revayana</i>	Oak nycteoline	LHGC WW
2434	<i>Diachrysia chrysitis</i>	Burnished brass	Bden CQ EBR KQ LHGC RW
2439	<i>Plusia festucae</i>	Gold spot	Lang
2441	<i>Autographa gamma</i>	Silver Y	Bden BOQ CQ EBR LHGC RW SM StretW
2442	<i>Autographa pulchrina</i>	Beautiful golden Y	Bden EBR LHGC RW
2443	<i>Autographa jota</i>	Plain golden Y	Bden EBR LHGC RW
2450	<i>Abrostola triplasia</i>	The spectacle	AddW Bden CQ EBR KQ Lang LNCC RW StretW
2452	<i>Catocala nupta</i>	Red underwing	EBR LHGC Man RW
2462	<i>Callistege mi</i>	Mother shipton	KQ SM
2463	<i>Euclidia glyphica</i>	Burnet companion	KQ SM
2466	<i>Lygephila pastinum</i>	The blackneck	CQ
2469	<i>Scoliopteryx libatrix</i>	The herald	Bden EBR RW Wg

2473	<i>Laspeyria flexula</i>	Beautiful hook-tip	AddW Bden EBR KQ LHGC RW StretW
2474	<i>Rivula sericealis</i>	Straw dot	AddW Bden EBR KQ LHGC RW StretW
2476	<i>Hypena crassalis</i>	Beautiful snout	Bden
2477	<i>Hypena proboscidalis</i>	The snout	AddW Bden CQ EBR KQ LHGC RW StretW
2480	<i>Hypena rostralis</i>	Buttoned snout	KQ
2484	<i>Schrankia costaeastrigalis</i>	Pinion-streaked snout	RW StretW
2489	<i>Herminia tarsipennalis</i>	The fan-foot	Bden EBR KQ LHGC StretW
2492	<i>Herminia nemoralis</i>	Small fan-foot	EBR KQ LHGC RW

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6	<i>Eriocrania subpurpurella</i>		EBR RW
28	<i>Ectoedemia angulifasciella</i>		Pick
50	<i>Stigmella aurella</i>		Ess GtCast NW Pick SDW Tole
67	<i>Stigmellaplagicolella</i>		Ess GtCast Pick SDW Tole
75	<i>Stigmellaafloslactella</i>		NW
77	<i>Stigmella tityrella</i>		Pick SDW
80	<i>Stigmella ulmivora</i>		Ess
92	<i>Stigmella anomalella</i>	Rose leaf minor	GtCast
95	<i>Stigmella viscerella</i>		Ess
98	<i>Stigmella catharticella</i>		Ess GtCast Pick
111	<i>Stigmella microthenella</i>		Ess
123	<i>Tischeria ekebladella</i>		Ess
125	<i>Emmetia marginea</i>		Ess
140	<i>Nematopogon swammerdamella</i>		LHGC
148	<i>Nemophera degeerella</i>		BW LHGC RW
216	<i>Nemapogon cloacella</i>	Cork moth	RW
224	<i>Triaxomera parasitella</i>		LHGC
228	<i>Monopis weaverella</i>		LHGC RW
246	<i>Tinea semifulvella</i>		StretW
247	<i>Tinea trinotella</i>		LHGC
254	<i>Leucoptera laburnella</i>	Laburnum leaf minor	Pick
263	<i>Lyonetia clerkella</i>	Apple leaf minor	Tole
294	<i>Aspilapteryx tringipennella</i>		LHGC
303	<i>Parornix anglicella</i>		Ess GtCast NW Pick SDW Tole
321	<i>Phyllonorycter messaniella</i>		Pick
323	<i>Phyllonorycter oxyacanthae</i>		Ess SDW Tole
329	<i>Phyllonorycter spinicolella</i>		Ess GtCast Pick Tole
331	<i>Phyllonorycter lantanella</i>		Ess GtCast Pick
332	<i>Phyllonorycter corylifoliella</i>		Ess GtCast NW Pick SDW Tole
332a	<i>Phyllonorycter leucographella</i>	Firethorn leaf minor	Ryll
342	<i>Phyllonorycter coryli</i>	Nut blister moth	NW
356	<i>Phyllonorycter tristrigella</i>		Ess
362	<i>Phyllonorycter acerifoliella</i>		Ess
366a	<i>Cameraria ohridella</i>		Tix Whiss
380	<i>Synanthedon formicaeformis</i>	Red-tipped clearwing	RW
382	<i>Bembecia ichneumoniformis</i>	Six-belted clearwing	BOQ KQ
385	<i>Anthophila fabriciana</i>		KQ Tix
410	<i>Argyresthia brockeella</i>		LHGC
411	<i>Argyresthia goedartella</i>		Bden Lang RW StretW
417	<i>Argyresthia spinosella</i>		EBR LHGC RW StretW
421	<i>Argyresthia bonnetella</i>		LHGC RW
422	<i>Argyesalbistria</i>		LHGC RW
424	<i>Yponomeuta evonymella</i>	Bird-cherry ermine	Bden EBR LHGC RW StretW
425	<i>Yponomeuta padella</i>	Orchard ermine	LHGC

427	<i>Yponomeuta cagnagella</i>	Spindle ermine	Bden LHGC RW
428	<i>Yponomeuta rorrella</i>	Willow ermine	RW
435	<i>Zelleria hepariella</i>		WW
437	<i>Swammerdamia caesiella</i>		RW
440	<i>Paraswammerdamia albicapitella</i>		LHGC RW
441	<i>Paraswammerdamia nebulella</i>		KQ
450	<i>Scythropia crataegella</i>	Hawthorn moth	Bden KQ StretW
453	<i>Ypsolopha dentella</i>	Honeysuckle moth	AddW Lang LHGC StretW
455	<i>Ypsolopha scabrella</i>		AddW EBR LHGC
456	<i>Ypsolopha horridella</i>		LHGC
459	<i>Ypsolopha sylvella</i>		LHGC
460	<i>Ypsolopha parenthesella</i>		StretW
462	<i>Ypsolopha sequella</i>		EBR Lang LHGC
464	<i>Plutella xylostella</i>	Diamond-back moth	KQ LHGC RW StretW
470	<i>Orthotelia sparganella</i>		LHGC
481	<i>Epermenia falciformis</i>		EBR RW
544	<i>Coleophora albicosta</i>		LHGC
597	<i>Elachista atricomella</i>		KQ LHGC
602	<i>Elachista apicipunctella</i>		LHGC RW
610	<i>Elachista argentella</i>		RW StretW
613	<i>Elachista subocellea</i>		KQ LHGC
640	<i>Batia lunaris</i>		AddW EBR LHGC
642	<i>Batia unitella</i>		AddW Bden EBR KQ LHGC RW StretW
647	<i>Hofmannophila pseudospretella</i>	Brown house-moth (H-M)	Bden EBR KQ
648	<i>Endrosis sarcitrella</i>	White-shouldered H-M	Bden
649	<i>Esperia sulphurella</i>		Bden KQ
658	<i>Carcina quercana</i>		AddW CQ EBR LHGC RW StretW
663	<i>Diurnea flagella</i>		EBR StretW WW
664	<i>Diurnea lipsiella</i>		LHGC
667	<i>Semioscopis steinkelineriana</i>		WW
674	<i>Depressaria badiella</i>		CQ
688	<i>Agonopteryx heracliiana</i>		Bden EBR LHGC RW
692	<i>Agonopterix subpropinquella</i>		LHGC
695	<i>Agonopterix alstromeriana</i>		EBR LHGC
697	<i>Agonopterix arenella</i>		EBR LHGC
709	<i>Agonopterix liturosa</i>		LHGC
713	<i>Agonopterix angelicella</i>		AddW CQ
718	<i>Ethmia dodecea</i>		Bden KQ LHGC
726	<i>Metzneria metzneriella</i>		EBR KQ
731	<i>Eulamprotes atrella</i>		AddW CQ StretW
758	<i>Recurvaria leucatella</i>		CQ LHGC
765	<i>Teleiodes vulgella</i>		LHGC RW
779	<i>Bryotropha affinis</i>		Bden
792	<i>Mirificarma mulinella</i>		LHGC
819	<i>Scrobipulpa costella</i>		EBR LHGC RW
856	<i>Anarsia spartiella</i>		LHGC
858	<i>Hypatima rhomboidella</i>		KQ
866	<i>Brachmia blandella</i>		Bden EBR LHGC RW
868	<i>Helcystogramma rufescens</i>		AddW LHGC RW
873	<i>Blastobasis adustella</i>		EBR Lang LHGC RW
874	<i>Blastobasis lacticolella</i>		CQ EBR KQ LHGC RW StretW
878	<i>Batrachedra praeangusta</i>		StretW
883	<i>Mompha raschkiella</i>		LHGC

886	<i>Mompha ochraceella</i>		EBR RW
888	<i>Mompha propinquella</i>		KQ RW
891	<i>Mompha sturnipennella</i>		Bden
892	<i>Mompha subbistrigella</i>		RW
898	<i>Limnaecia phragmitella</i>		RW
905	<i>Blastodacna hellerella</i>		Bden EBR LHGC RW StretW
923	<i>Phtheochroa sodaliana</i>		KQ
925	<i>Phtheochroa rugosana</i>		LHGC
926	<i>Phalonidia manniana</i>		EBR
936	<i>Cochylimorpha straminea</i>		Bden RW SM
937	<i>Agapeta hamana</i>		Bden EBR KQ LHGC RWStretW
938	<i>Agapeta zoegana</i>		EBR KQ LHGC
946	<i>Aethes rubigana</i>		LHGC
951	<i>Aethes beatricella</i>		RW
954	<i>Eupoecilia angustana</i>		KQ
964	<i>Cochylis dubitana</i>		LHGC
965	<i>Cochylis hybridella</i>		Bden EBR KQ LHGC
966	<i>Cochylis atricapitana</i>		CQ EBR KQ LHGC
969	<i>Pandemis corylana</i>	Chequered fruit-tree tortrix	Bden EBR Lang LHGC RW StretW
970	<i>Pandemis cerasana</i>	Barred fruit-tree tortrix	AddW Bden CQ EBR KQ Lang LHGC RW StretW
972	<i>Pandemis heperana</i>	Dark fruit-tree tortrix	Bden EBR LHGC RW
977	<i>Archips podana</i>	Large fruit-tree tortrix	AddW Bden EBR KQ LHGC RW StretW
979	<i>Archips crataegana</i>		StretW
980	<i>Archips xylosteana</i>	Variegated golden tortrix	EBR LHGC StretW
985	<i>Cacoecimorpha pronubana</i>	Carnation tortrix	Bden
986	<i>Syndemis musculana</i>		LHGC RW
987	<i>Ptycholomoides aeriferanus</i>		LHGC
989	<i>Aphelia paleana</i>	Timothy tortrix	Bden KQ
993	<i>Clepsis spectrana</i>	Cyclamen tortrix	EBR LHGC RW
994	<i>Clepsis consimilana</i>		Bden EBR KQ RW StretW
998	<i>Epiphyas postvittana</i>	Light brown apple moth	Bden Lang
1000	<i>Ptycholoma lechearia</i>		LHGC
1001	<i>Lozotaeniodes formosanus</i>		Bden EBR
1002	<i>Lozotaenia forsterana</i>		Bden
1010	<i>Ditula angustiorana</i>	Red-barred tortrix	Bden EBR KQ LHGC RW
1011	<i>Pseudargyrotoza conwagana</i>		BW EBR KQ LHGC RWStretW
1013	<i>Olindia schumacherana</i>		LHGC
1032	<i>Aleimma loeflingiana</i>		EBR KQ LHGC RW StretW
1033	<i>Tortrix viridana</i>	Green oak tortrix	Bden EBR KQ LHGC RW StretW
1035	<i>Acleris bergmanniana</i>		LHGC
1036	<i>Acleris forsskalleana</i>		AddW EBR LHGC RW StretW
1037	<i>Acleris holmiana</i>		LHGC RW
1038x	<i>Acleris laterana/comariana</i>		Bden LHGC RW StretW
1039	<i>Acleris comariana</i>	Strawberry tortrix	LHGC RW
1042	<i>Acleris rhombana</i>	Rhomboid tortrix	LHGC
1043	<i>Acleris aspersana</i>		EBR RW
1044x	<i>Acleris ferrugana/notana</i>		EBR LHGC WW
1047	<i>Acleris schalleriana</i>		StretW
1048	<i>Acleris variegana</i>	Garden rose tortrix	Bden EBR LHGC RW
1053	<i>Acleris hastiana</i>		RW StretW
1054	<i>Acleris cristana</i>		RW
1061	<i>Acleris literana</i>		EBR WW
1062	<i>Acleris emargana</i>		LHGC RW StretW

1063	<i>Celypha striana</i>		Bden EBR KQ Lang LHGC RW StretW
1064	<i>Celypha rosaceana</i>		KQ
1076	<i>Celypha lacunana</i>		AddW Bden CQ EBR KQ Lang LHGC RW StretW
1079	<i>Piniphila bifasciana</i>		EBR
1082	<i>Hedya pruniana</i>	Plum tortrix	Bden CQ EBR LHGC RW StretW
1083	<i>Hedya nubiferana</i>	Marbled orchard tortrix	AddW Bden CQ EBR KQ LHGC RW StretW
1084	<i>Hedya ochroleucana</i>		LHGC StretW
1086	<i>Hedya salicella</i>		EBR KQ RW StretW
1087	<i>Orthotaenia undulana</i>		StretW
1088	<i>Pseudosciaphila branderiana</i>		StretW
1092	<i>Apotomis turbidana</i>		RW
1093	<i>Apotomis betuletana</i>		AddW LHGC RW StretW
1115	<i>Ancylis achatana</i>		Bden EBR KQ LHGC RW StretW
1133	<i>Epinotia bilunana</i>		Lang RW
1134	<i>Epinotia ramella</i>		LHGC
1136	<i>Epinotia immundana</i>		RW
1138	<i>Epinotia nisella</i>		AddW RW StretW
1155	<i>Epinotia brunnichana</i>		AddW CQ StretW
1156	<i>Epinotia solandriana</i>		EBR
1159	<i>Rhopobota naevana</i>	Holly tortrix	LHGC
1165	<i>Zeiraphera isertana</i>		AddW EBR
1168	<i>Gypsonoma sociana</i>		RW StretW
1169	<i>Gypsonoma dealbana</i>		EBR RW
1174	<i>Epiblema cynosbatella</i>		Bden LHGC RW StretW
1175	<i>Epiblema uddmanniana</i>	Bramble shoot moth	AddW EBR KQ LHGC RW StretW
1176	<i>Epiblema trimaculana</i>		Bden EBR KQ LHGC RW StretW
1178	<i>Epiblema roborana</i>		CQ LHGC RW
1181	<i>Epiblema grandaevana</i>		KQ
1192	<i>Eucosma conterminana</i>		StretW
1197	<i>Eucosma campoliliana</i>		LHGC
1201	<i>Eucosma cana</i>		AddW Bden EBR KQ LHGC RW StretW
1202	<i>Eucosma obumbratana</i>		LHGC
1205	<i>Spilonota ocellana</i>	Bud moth	Bden EBR LHGC RW
1228	<i>Pammene argyrana</i>		EBR
1233	<i>Pammene aurita</i>		EBR
1234	<i>Pammene regiana</i>		EBR
1255	<i>Cydia ulicetana</i>		Ryll
1260	<i>Cydia splendana</i>		EBR LHGC RW StretW
1261	<i>Cydia pomonella</i>	Codling moth	Bden
1272	<i>Pammene aurana</i>		Tix
1278	<i>Dichrorampha sequana</i>		Tix
1290	<i>Chilo phragmitella</i>		RW
1292	<i>Calamotropha paludella</i>		EBR RW
1293	<i>Chrysoteuchia culmella</i>	Garden grass-veneer	AddW Bden CQ EBR KQ LHG RW StretW
1294	<i>Crambus pascuella</i>		Bden
1301	<i>Crambus lathoniellus</i>		EBR KQ LHGC RW SM StretW
1302	<i>Crambus perlella</i>		Bden KQ LHGC SM StretW
1303	<i>Agriphila selasella</i>		EBR LHGC
1304	<i>Agriphila straminella</i>		AddW Bden CQ EBR Lang LHGC RW StretW Tix
1305	<i>Agriphila tristella</i>		AddW Bden CQ EBR Lang LHGC RW StretW Tix
1309	<i>Agriphila geniculea</i>		Bden Lang RW
1313	<i>Catoptria pinella</i>		Bden CQ KQ LHGC StretW
1316	<i>Catoptria falsella</i>		Bden Lang LHGC

1321	<i>Thisanotia chrysonuchella</i>		Bden
1328	<i>Schoenobius gigantella</i>		RW
1329	<i>Donacaula forficella</i>		RW
1331	<i>Acentria ephemerella</i>	Water veneer	Bden CQ EBR KQ Lang LHGC RW StretW
1332	<i>Scoparia subfusca</i>		KQ LHGC
1333	<i>Scoparia pyralella</i>		AddW Bden KQ RW StretW Tix
1334	<i>Scoparia ambigualis</i>		AddW Bden CQ EBR KQ LHGC RW StretW
1336	<i>Eudonia pallida</i>		EBR LHGC
1338	<i>Dipleurina lacustrata</i>		AddW Bden CQ EBR KQ Lang LHGC RW StretW
1342	<i>Eudonia angustea</i>		Bden EBR LHGC StretW
1344	<i>Eudonia mercurella</i>		CQ LHGC RW StretW
1345	<i>Elophila nymphaeata</i>	Brown china-mark	EBR KQ RW
1348	<i>Parapoynx stratiotata</i>	Ringed china-mark	Bden EBR KQ LHGC
1350	<i>Nymphula stagnata</i>	Beautiful china-mark	EBR KQ LHGC RW
1354	<i>Cataclysta lemnata</i>	Small china-mark	Bden Lang RW
1356	<i>Evergestis forficalis</i>	Garden pebble	Bden EBR KQ RW
1361	<i>Pyrausta aurata</i>		BOQ KQ RW
1362	<i>Pyrausta purpuralis</i>		AddW CQ KQ LHGC
1376	<i>Eurrhypara hortulata</i>	Small magpie	Bden CQ EBR KQ LHGC RW StretW
1378	<i>Phlyctaenia coronate</i>		Bden CQ
1380	<i>Phlyctaenia perlucidalis</i>		Bden EBR KQ LHGC RW
1385	<i>Ebulea crocealis</i>		CQ
1388	<i>Udea lutealis</i>		EBR LHGC RW
1390	<i>Udea prunalis</i>		Bden CQ EBR LHGC RW StretW
1392	<i>Udea olivalis</i>		Bden CQ EBR KQ LHGC RW StretW
1398	<i>Nomophila noctuella</i>	Rush veneer	Bden EBR LHGC RW
1405	<i>Pleuroptya ruralis</i>	Mother of pearl	AddW Bden EBR KQ Lang LHGC RW StretW
1413	<i>Hypsopygia costalis</i>	Gold triangle	Bden EBR LHGC RW StretW
1415	<i>Orthopygia glaucinalis</i>		Bden EBR LHGC RW
1417	<i>Pyralis farinalis</i>	Meal moth	EBR
1424	<i>Endotrichia flammealis</i>		Bden CQ EBR LHGC RW
1425	<i>Galleria mellonella</i>	Wax moth	Bden
1428	<i>Aphomia sociella</i>	Bee moth	Bden KQ Lang LHGC RW StretW
1436	<i>Conobathra repandana</i>		AddW Bden LHGC StretW
1437	<i>Acrobasis consociella</i>		AddW LHGC StretW
1438	<i>Trachycera suavella</i>		CQ KQ LHGC StretW
1439	<i>Trachycera advenella</i>		AddW Bden CQ EBR KQ LHGC RW StretW
1452	<i>Phycita roborella</i>		AddW EBR KQ LHGC RW StretW
1454	<i>Dioryctria abietella</i>		LHGC
1458	<i>Myelois cribrella</i>	Thistle ermine	EBR KQ LHGC
1470	<i>Euzophera pinguis</i>		Bden CQ EBR LHGC RW StretW
1474	<i>Ephestia parasitella unicolorella</i>		EBR
1481	<i>Homoeosoma sinuella</i>		KQ StretW
1483	<i>Phycitodes binaevella</i>		Bden KQ LHGC RW StretW
1485	<i>Phycitodes maritime</i>		LHGC
1495	<i>Marasmarcha lunaedactyla</i>		EBR KQ StretW
1497	<i>Amblyptilia acanthadactyla</i>		Bden KQ
1504	<i>Platyptilia pallidactyla</i>		LHGC Tix
1508	<i>Stenoptilia bipunctidactyla</i>		Bden
1509	<i>Stenoptilia pterodactyla</i>		Bden CQ
1513	<i>Pterophorus pentadactyla</i>	White plume moth	Bden EBR KQ LHGC
1519	<i>Euleioptilus carphodactyla</i>		KQ
1524	<i>Emmelina monodactyla</i>		Bden

As part of events organised to mark the Society's 50th year an all-day 'Insects, and Orthoptera' workshop was held in Ketton, 9 August. An afternoon survey in the Quarries found five orthoptera: Long-winged Conehead, Roesel's Bush Cricket, Speckled Bush Cricket, Lesser Marsh and Meadow Grasshoppers.

2015 was a good year for Rutland's orthoptera, especially groundhoppers.

Highlights included: Slender Groundhopper found at Ketton Quarries in mid-April, and a large colony at Egleton's Wet Meadow co-habiting with Common Groundhoppers. More were found at Gorse Close, and a 'first' was their detection at Lyndon Reserve. Another 'first' for this Reserve were Short-winged Coneheads seen west of the Centre. Two farm surveys were undertaken, at Beaumont Chase Farm (19.08), and, new to RNHS, Weldon Farm House (5.08) where an incredible number of the Long-winged Conehead were discovered, along with other orthoptera. The Society are particularly grateful to Mary and Jo Nourish (Beaumont Chase), and Andrew Brown (Weldon) for allowing this access.

*Richard Brown produced distribution maps recording all our observations, which prompts the question 'what's out there and still to be found?'. Quite close to home, Southern Oak Bush Cricket, *Meconema meridionale*, has been sighted in Northants, and Great Green Bush Cricket, *Tettigonia viridissima*, is in Cambridgeshire. Might either of these make it to Rutland before the national distribution maps are updated?*

The last orthopteran heard in Rutland this year was Speckled Bush Cricket, at Adlgate, on 12 November.

Map references are quoted for new sites, for more information see Fieldfare.

GROUNDHOPPERS

Slender Groundhopper, *Tetrix subulata*

Uncommon, hard to find/classify, because of the tiny size and no stridulating mechanism. Three new sites.

First sighting: (15.04) KQbat, on stony ground – last here June 2012

SK 888061 (04.07) one, Gorse Close (Lax)

SK 882067 (12.08) WMEg, thriving colony – last here 19 May 2002

SK 887054 (27.09) Lynd, a Reserve 'first', footpath near Tufted Duck Hide

Common Groundhopper, *Tetrix undulata*

Two new sites

SK 882067 (12.08) EglWm, thriving colony discovered with Slender Groundhopper

SK 999145 (30.09) NW, bare ground on footpath south of wood, seen with Field Grass Hopper

BUSH CRICKETS

Dark Bush Cricket, *Pholidoptera griseoaptera*

Widespread and locally common. Three new sites.

First sighting: (10.5) BW, on Dog's Mercury large numbers of tiny nymphs

SK 984040 (28.07) Kett, car park waste ground, opposite signal box, many males, heard

SK 983065 (28.07) Kett, Stedfold Lane, on edge of cereal field

SK 999145 (30.09) NW, wood edge on bramble

Reported: Aldgate; CPW, in good numbers; ClipYTA; v7 – 10+

Roesel's Bush Cricket, *Metrioptera roeselii*

Widespread and locally extremely common, macropterous form (males and females) often seen. Ten new sites.

First sighting: (23.06) MThp, 2 small nymphs

Last heard: (01.11) QF, second flower meadow

WFH visit (19.08) 4 new sites SP 876943 on ditch herbage, SP 878945 old railway/grassy bank; SP 879943 on conservation margins; SP 883941, on river bank
SK 818014 (09.10) Belt, on bridleway, also at SK 822015, nettle bed, and
SK 821015 conservation margin 80+

SK 940032 (27.09) XTP, grass under trees, many

SK 999145 (30.09) NW, on bridleway

TF 018096 (20.10) GtCast, west of village

Reported: BCF; BOQ; CPW; Egl (Redshank + Grebe Hides); Ext; HM; KQ; Lynd (Deep Water + Wader Scrape Hides); QF; WF (Burrows & fishing lakes)

Long-winged Conehead, *Conocephalus discolor*

Widespread and common, but surprisingly BCF Survey found none. Elsewhere six new sites.

First sighting: SK 831037 (31.07) Leigh, nymphs

Last heard: (01.11) QF, second flower meadow

WFH visit (19.08) massive numbers present, SP 876943 on ditch herbage, SP 878945 old railway/ grassy bank; SP 879943 on conservation margins; SP 883941, on river bank

SK 940032 (27.09) XTP, large colony in grasses

Particularly numerous (27.09) Lynd, west of centre, in car park, in conservation thistles up hill and towards road junction.

Reported: BOQ; Egl (Dunlin Hide); Ext; HM; KQ; QF; WF (Burrows & fishing lakes)

Short-winged Conehead, *Conocephalus dorsalis*

Nationally common, here mainly found around Rutland Water, first sighting at Egleton Reserve. One new site.

SK 887053 (27.09) Egl, farm track west of Centre on Hard and Soft Rush

Reported: WMEg, near Snipe Hide + hay fields near Badger Hide.

Speckled Bush Cricket, *Leptophyes punctatissima*

Common, best found with Bat-detector set @ 35 KHz. Thirteen new sites, but this is a widespread Cricket.

First sighting: (25.5) nymph, Man Crown Bridge

Last heard: SK 990045 (12.11), Aldgate stridulating male on south-facing railway bank.

(19.08) WFH, massive numbers detected. SP 883941, Blackthorn hedgerow & SP 881941, on Ash

SK 896051 (22.08), Glaston Tunnel Top Bridge, in Ash tree, east side of the bridge, and Hawthorn, to the west

SK 818015 (9.09) Belt, +12 in Ash tree, also SK 821015 on Hawthorn, SK 820011 on bridleway 15+

SK 887025 (23.09) Wing Bridge, in Ash tree + shrubbery

TF 0050637 (23.09) Tin, village car park, and SK 997071, tree-lined avenue at The Rookery, 20+

SK998146 (27.09) Lynd, Ash tree along footpath, 20+, numerous elsewhere on the Reserve

SK 999145 (30.09) NW, wood edge shrubs
TF 018096 (20.10) GtCast, on large Ash tree to west, 16+

Reported: BW compartment 16; Egl (Centre car park, hedgerow past Badger Hide);
Leigh; Lynd; QF; Ward

GRASSHOPPERS

Common Green Grasshopper, *Omocestus viridulus*

Widespread, but uncommon. Three new sites.

SK 880061 Gorse Close (Lax), one stridulating male
SP 876943 (19.08) WFH, four males on sheep pasture
SP 841993 (05.08) BCF, four on Rabbit Bank

Field Grasshopper, *Chorthippus brunneus*

Widespread, locally common. Three new sites.

SK 831037 (20.08) Leigh, one on gravel track
SK 886137 (20.08) CRM, grass around car park
SK 999145 (30.09) NW, colony of 20 plus, seen with Common Groundhopper

Meadow Grasshopper, *Chorthippus parallelus*

Widespread, common. Six new sites.

First sighting (08.08) BOQ, one female nymph

SP 876943 (19.08) WFH, large colonies in pasture; also SP 878945 old railway/
grassy bank; also SP 881941, conservation margins

Other new sites were: SK 818014 Belt, on Soft Rush; SK 821015, conservation
margins; SK 999145, NW with groundhoppers

Reported: Egl, in good numbers

Lesser Marsh Grasshopper, *Chorthippus albomarginatus*

Widespread and common but fewer than usual seen this year. Five new sites.

First sighting, (20.07) MThorp, 6 nymphs; also (24.06) Leigh, 3 nymphs
SP 876943 (19.08) WFH, 5 in pasture; also SP 878945 15 males + 2 courtship
pairs, old railway/ grassy bank; also SP 880194, 20+ on conservation margins
SK 886137 (20.08) CRM, grass around car park
SK 999145 (30.09) NW, nymph, on pasture

Reported: Egl, in good numbers; Belt, on pasture; Lynd, Deep Water Hide

It is both curious and interesting how the occurrence of galls varies from one season to another. This year we have three reports of the rust on Hawthorn, one of them confirmed independently by a member of the British Plant Gall Society, and this has been reported only once before in 2014. At the same time a psyllid gall on Ash has doubled in reports to a total of 12 whereas the so-called lighthouse gall on Ground Ivy was reported four times in 2013 but has not appeared since.

New galls are constantly being reported in this country and an example of this turned up at Clipsham in October when a gall was seen on Meadowsweet which was not in the current reference book. Photographs were circulated to BPGS members and it was identified by two members who had seen it both in Northern Ireland and East Yorkshire. It will be interesting to see if we can find it again next season.

The total number of records this year has been 266, a little down on 2014 which was an excellent growing season, and these came from 24 sites and were sent in by 8 observers, as last year

BACTERIA Rhizobiales

Agrobacterium tumefaciens crown gall
on Pedunculate oak *Quercus robur* MM

CHROMISTA Albuginales

Albugo candida White Blister
on Shepherds purse *Capsella bursa-pastoris* GtCast MM

FUNGI

Ascomycota Erysiphales – powdery mildews

Sphaerotheca epilobii
on Square stemmed willowherb *Epilobium tetragonum* PC
S. macularis on Meadowsweet *Filipendula ulmaria* Clips PC

Hypocreales

Epichl e typhina choke on unidentified grass Clips PC
E. typhina choke on False Oat Grass *Arrhenatherum elatius* HM

Basidiomycota Microbotryales – smut like fungi

Microbotryum lichnidis-dioicae on Red campion *Silene dioica* PC RWeg RWlh
M. lichnidis-dioicae on White campion *Silene latifolia* GtCast KQ
M. stellariae on Water chickweed *Myosoton aquaticum* EBP

Uredinales – rusts

Gymnosporangium clavariiforme
on Common hawthorn *Crataegus monogyna* Clips Lynd RWlh
G. sabinae on Wild pear *Pyrus pyraeaster* Oak
Kuehneola uredinis on Bramble *Rubus fruticosus* agg BLW BW Clips
Melampsora caprearum on Goat willow *Salix caprea* Clips KQ PC
M. euphorbiae on Sun spurge *Euphorbia helioscopia* GtCast Norm
M. populnea on Dog's mercury *Mercurialis perennis* BLW BOQ BW PC
Phragmidium mucronatum on Dog rose *Rosa canina* BarnsW BOQ EBP GtCast KQ Lynd PC LWlag2
P. violaceum on Bramble RWeg RWlh Vge15
BarnsW BOQ EBP KQ Lynd MM PC PGW
RWlag2 RWlh
Puccinia betonicae on Betony *Stachys officinalis* Clips
P. circaeae on Enchanters nightshade *Circaea lutetiana* PC
P. cnici-oleracei on Marsh thistle *Cirsium palustre* PC
P. conii on Hemlock *Conium maculatum* Clips Lynd RWeg
P. coronata on Buckthorn *Rhamnus cathartica* BOQ RWeg
P. glechomatis on Ground ivy *Glechoma hederacea* BarnsW EBP

<i>P. lagenophorae</i> on Groundsel <i>Senecio vulgaris</i>	Clips EBP
<i>P. lapsanae</i> on Nipplewort <i>Lapsana communis</i>	EBP GtCast Norm PC
<i>P. malvacearum</i> on Common mallow <i>Malva sylvestris</i>	GtCast RWeg
<i>P. menthae</i> on Water mint <i>Mentha aquatica</i>	RWlag2
<i>P. punctiformis</i> on Creeping thistle <i>Cirsium arvense</i>	GtCast RWeg
<i>P. urticata</i> on Stinging nettle <i>Urtica dioica</i>	RWeg
<i>P. violae</i> on Sweet violet <i>Viola odorata</i>	BOQ KQ
<i>Triphragmium ulmariae</i> on Meadowsweet	Clips PC RWlag2
<i>Uromyces ficariae</i> on Lesser celandine <i>Ficaria verna</i>	PC
<i>U. geranii</i> on Meadow cranesbill <i>Geranium pratense</i>	Norm Vge7
<i>U. muscari</i> on Bluebell <i>Hyacinthoides non-scripta</i>	BarnsW BW

ARTHROPODS

Acari	Eriophyoidea – Gall mites	
<i>Acalitus brevitarsus</i> on Alder <i>Alnus glutinosa</i>		BarnsW EBP RWeg
<i>A. rudis</i> on Birch <i>Betula pendula</i>		RWeg
<i>Aceria campestricola</i> on Elm <i>Ulmus</i> sp		GtCast
<i>A. cephalonea</i> on Sycamore <i>Acer pseudoplatanus</i>		GtCast HM Norm RWeg
<i>A. eriobia</i> on Field maple <i>Acer campestre</i>		PC
<i>A. fraxinicola</i> on Ash <i>Fraxinus excelsior</i>		GtCast Lynd
<i>A. fraxinivora</i> on Ash		Lynd Vge7
<i>A. labiatiflorae</i> on Marjoram <i>Origanum vulgare</i>		BOQ KQ
<i>A. macrochela</i> on Field maple		Clips GtCast Norm PC RWeg RWlh Vge7
<i>A. myriadeum</i> on Field maple		Clips GtCast Norm PC RWeg RWlh Vge7
<i>A. nalepai</i> (= <i>Eriophyes inangulis</i>) on Alder		RWeg RWlag2
<i>A. pseudoplatani</i> on Sycamore		EBP GtCast KQ Norm RWeg RWlh
<i>Cecidophyes nudus</i> on Wood avens <i>Geum urbanum</i>		KQ
<i>C. rouhollahi</i> on Cleavers <i>Galium aparine</i>		GtCast KQ Lynd RWeg Vge5 Vge7
<i>Eriophyes laevis</i> on Alder		RWeg
<i>E. lateannulatus</i> on Small leaved lime <i>Tilia cordata</i>		RWlh
<i>E. leiosoma</i> on Small leaved lime		BOQ RWlh
<i>E. similis</i> on Sloe <i>Prunus spinosa</i>		Clips GtCast Lynd MM Norm PC RWeg RWlh
<i>Phyllocoptes goniothorax</i> on Common Hawthorn		BOQ GtCast KQ PC RWeg RWlh
<i>P. malinus</i> on Cultivated apple <i>Malus domestica</i>		RWvc
<i>P. malinus</i> on Crab Apple <i>M. sylvestris</i>		MM
<i>Stenacis convolvens</i> on Spindle <i>Euonymus europaeus</i>		BOQ HM

INSECTS

Hemiptera	Psyllids	
<i>Phylloopsis fraxini</i> on Ash		BarnsW Clips EBP GtCast KQ Lynd Norm PC RWeg RWlag2 Vge7 Vge15
<i>Tricochermes walkeri</i> on Buckthorn		BOQ
Sternorrhynca	Aphids	
<i>Adelges abietis</i> on Spruce <i>Picea</i> sp.		EBR
<i>A. cooleyi</i> on Spruce		EBR
<i>Eriosoma ulmi</i> on Wych elm <i>Ulmus glabra</i>		PC
Diptera	Anthomyiidae	
<i>Chirosia betuleti</i> on Broad buckler fern <i>Dryopteris dilatata</i>		PC
<i>C. betuleti</i> on Male fern <i>D. filix-mas</i>		PC
<i>C. grossicauda</i> on Bracken <i>Pteridium aquilinum</i>		RWlh
Diptera	Cecidomyiidae – Gall midges	
<i>Cystiphora sonchi</i> on Corn sow-thistle <i>Sonchus arvensis</i>		RWlag2
<i>D. crataegi</i> button top gall on Common hawthorn		KQ Lynd
<i>D. fraxini</i> on Ash		KQ Norm PC RWeg Vge7 Vge15
<i>D. harrisoni</i> on Meadowsweet		Clips
<i>D. kiefferiana</i> on Rosebay <i>Chamerion augustifolium</i>		KQ PC RWlh
<i>D. pustulans</i> on Meadowsweet		RWlag2
<i>D. rosae</i> on Dog rose		GtCast Lynd

<i>D. ulmaria</i> on Meadowsweet	Clips Lydd PC RWlag2
<i>D. urticae</i> on Stinging Nettle	EBP Lynd RWeg Vge7
<i>Hartigiola annulipes</i> on Beech <i>Fagus sylvatica</i>	EBP RWIh
<i>Iteomyia caprae</i> on Goat Willow <i>Salix caprea</i>	Clips EBP KQ
<i>I. major</i> on Goat willow	EBP Lynd PC
<i>Jaapiella veronicae</i> on Germander speedwell <i>Veronica chamaedrys</i>	BOQ KQ Norm
<i>Lasioptera rubi</i> on Bramble	RW
<i>Massalongia ruber</i> on Birch	RWeg
<i>Rabdophaga rosaria</i> on Goat willow	KQ
<i>Wachtliella persicariae</i> on Redleg <i>Persicaria maculosa</i>	RWlag2
Diptera Tephritidae – Gall flies	
<i>Urophora cardui</i> on Creeping thistle	BOQ Clips EBP Lynd PC RWlag2
<i>U. jaceana</i> on Common Knapweed <i>Centaurea nigra</i> agg	MM RWlag2 Vge7
Hymenoptera Tenthredinidae – Sawflies	
<i>Blennocampa phyllocolpa</i> on Dog rose	PC RWeg RWIh
<i>Eupontania pedunculi</i> on Goat willow	KQ PC
<i>Pontania bridgmanii</i> on Grey willow	PC
<i>P. proxima</i> on Crack willow <i>S fragilis</i>	Lynd
<i>P. triandra</i> on Almond willow <i>S trandra</i>	Lynd
Hymenoptera Cynipidae – Gall wasps	
<i>On Pedunculate oak except where stated and f.sexual where not f.agamic.</i>	
<i>Andricus curvator</i> EBP Lynd PC RWeg RWIh	
<i>A. kollari f.agamic</i> Marble gall	Barns EBP KQ Lynd PGW RWlag2
<i>A. lignicolus f.agamic</i> Cola nut gall	EBP
<i>A. quercuscalicis f.agamic</i> Knopper gall	Lynd PC
<i>Biorhiza pallida</i> Oak apple	Barns KQ
<i>Cynips divisa f.agamic</i> Pea gall	EBP
<i>C. quercusfolii f.agamic</i> Cherry gall	EBP PGW
<i>Diplolepis nervosa</i> Pea/sputnik gall on Dog rose	Clips GtCast KQ MM Norm PC RWIh Vge7
<i>D. rosae</i> Robin's pincushion on Dog rose	KQ Norm RWlag2 Vge15
<i>Liposthenes glechomae</i> on Ground ivy	Vge7
<i>Neuroterus albipes f.agamic</i> Smooth spangle gall	Clips EBP PC
<i>N. anthracinus f.agamic</i> Oyster gall	EBP PC
<i>N. numismalis</i> Silk button gall	KQ Vge7
<i>N. quercusbaccarum f.agamic</i> Common spangle gall	EBP PC

EPHEMEROPTERA Mayflies

May 23 – two were noted in a Bden garden, the previous day there was a large hatch on the river Welland.

ODONATA

Damselflies

Banded Demoiselle *Calopteryx splendens*

June – males noted at SM and OC.

August – one recorded at Ryll, one male noted at OakC

Emerald Damselfly *Lesetes sponsa*

July – 3 records at LFP of two on the 1st, five on the 3rd and nine on the 10th of July.

August – two recorded on two occasions at LFP, one noted at RWeg and one noted at BW.

White-legged Damselfly *Platycnemis pennipes*

June – one recently emerged insect recorded at SM.

Large Red Damselfly *Pyrrhosoma nymphula*

May – a single insect noted at KQ and 12 observed near the Chater at Crown Well Bridge.

Red-eyed Damselfly *Erythromma najas*

May – 2 females observed at LFP.

June – noted on 5 separate days, highest individual count 7 at LFP.

July – 4 recorded at LFP.

Common Blue Damselfly *Enallagma cyathigerum*

June – good numbers observed at OC and several noted at RWeg.

July – several noted at RWLr and RWeg, a good number recorded at OC, a male and a female noted at Woodside Farm verge, two recorded at KQ.

August – several recorded near RWvc; and at OC.

Blue-tailed Damselfly *Ischnura elegans*

July – several recorded at OC.

August – recorded at OC.

Azure Damselfly *Coenagrion puella*

June – <10 noted at LFP.

True Dragonflies

Migrant Hawker *Aeshna mixta*

July – one female noted at RWeg.

August – recorded at Bden.

Southern Hawker *Aeshna cyanea*

July – several noted at RWeg and also recorded at BarnsG.

August – recorded at Bden, RWeg and BarnsG.

Brown Hawker *Aeshna grandis*

July – noted at BarnsG, male and an egg-laying female recorded at OakC and one recorded KQ.

August – male and female recorded at OakC. Also RWeg, BarnsG and Bden.

Emperor Dragonfly *Anax imperator*

July – noted on two occasions at OakC where egg-laying was recorded, and male and female recorded at BarnsG.

August – recorded at Bden and OakC.

October 8 – one insect patrolling over the edge of the lagoon at Heron Bay, Manton.

Four-spotted Chaser *Libellula quadrimaculata*

June – two males noted at OakC, five recorded at RWeg and three records of single insects at FLP.

July – noted at RWLr.

Broad-bodied Chaser *Libellula depressa*

June – a pair of insects (m.& f.) noted at RWeg.

July – noted at RWeg.

Common Darter *Sympetrum striolatum*

July – recorded at OakC.

August – recorded at OakC and RWeg.

Ruddy Darter <i>Sympetrum sanguineum</i>	June – one recorded at FLP. July – several noted at RWeg. August – one noted at RWeg, one noted at OakC and several recorded at Bden duck pond.
Black-tailed Skimmer <i>Orthetrum cancellatum</i>	June – one noted at BW and 8 noted ‘enjoying the cycle track’ near new lagoons RW. July – recorded at RWeg. August – one noted at RWeg.

HEMIPTERA bugs

Hawthorn Shield Bug <i>Acanthosoma haemorrhoidale</i>	June – one recorded at Bden disturbed during gardening.
Green Shield Bug <i>Palomina prasina</i>	April – one insect in vivid summer colouration noted at Barns Woods. May – recorded at RWLyndon. October – one adult observed during Clipsham Fungus Foray. May – recorded at KQ.
Hairy Shield Bug <i>Dolycoris baccarum</i>	May – several noted on a sunny bank at KQ.
Forget-me-not Shield Bug <i>Sehirus luctuosus</i>	September – noted at Lyndon Reserve.
Squash Bug <i>Coreus marginatus</i>	April – another record of this colourful insect from an Oak garden.
Squash Bug <i>Corizus hyoscyami</i>	May – noted on marjoram at BOQ.
Red and Black Froghopper <i>Cercopsis vulnerata</i>	June – two insects recorded on Verge 8.
Common Froghopper <i>Philaenus spumaris</i>	

MECOPTERA scorpion flies

Scorpion Fly <i>Panorpa sp.</i>	June – one specimen noted at CQ. July – two recorded at KQ.
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MEGALOPTERA

Alderfly <i>Sialidae sp.</i>	April – one record from Bden village.
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COLEOPTERA beetles and weevils

Green Tiger Beetle <i>Cicindela campestris</i>	April – a record from KQ of a very large number 100+ of these insects with some mating pairs. The recorder returned to the same location the next day and then only <40 were noted.
Ground Beetle <i>Carabus nemoralis</i>	July – one recorded at KQ.
Cockchafer <i>Melolontha melolontha</i>	June – three specimens were noted in Bden.
Soldier Beetle <i>Cantharis rustica</i>	June – several recorded at SM. July – observed in good numbers at KQ.
Soldier Beetle <i>Rhagonycha fulva</i>	June – several recorded on Verge 8.
7-spot Ladybird <i>Coccinella 7-punctata</i>	July – one noted on set-aside near verge 7, two on Verge 8, two + 5 larvae on Woodside Farm verge, and 14 KQ. August – one recorded at BOQ and one noted in an Oak garden. September – one insect recorded at BOQ.
2-spot Ladybird <i>Adalia 2-punctata</i>	April – one specimen noted on a washing line at Clip! September – one insect with an interesting colour variation of a black background with red spot fusions at RWLr.
Harlequin Ladybird <i>Harmonia axyridis</i>	April – many individual harlequin ladybirds recorded around an Upp house and garden, to the exclusion of other species of ladybird being observed so far this spring. Also large numbers

	of harlequin ladybirds, with many colour pattern variations, noted emerging from around wooden window frames at Normanton.
	June – these ladybirds were reported from 3 sites in Bden with two gardens noted as being ‘infested’, and also noted in an Oak garden.
22-spot Ladybird <i>Psyllobora 22-punctata</i>	July – one noted on willow at RWLr.
	August – 3 recorded at BOQ.
Cardinal Beetle <i>Pyrochroa coccinea</i>	May – one insect observed at KQ.
	June – one insect noted at RWeg.
Longhorn Beetle <i>Grammoptera ruficornis</i>	June – one recorded on hogweed at entrance to BO reserve.
Longhorn Wasp Beetle <i>Clytus arietis</i>	June – one specimen noted in an Oak garden.
Lily Beetle <i>Lilioceris lili</i>	June – recorded in an Oak garden.
Swollen-thighed Beetle <i>Oedemera nobilis</i>	June – one male specimen noted on verge 8.
	July – one male noted at KQ.
	May – one insect observed at RWLr.
Fungus Weevil <i>Platyrhinus resinosus</i>	
DIPTERA flies and mosquitoes	
St. Mark’s Fly <i>Bibio marci</i>	May – good numbers were observed at BW and were also noted at Barns.
Midges <i>Chironomidae</i>	May – a midge hatch was observed over the water at Barns.
Twin-lobed Deerfly <i>Chrysops relictus</i>	July – one recorded at KQ.
Common Bee-fly <i>Bombylius major</i>	April – these insects were recorded as abundant on sunny days in an Upp garden. One insect also noted in BarnsW and two noted on verge 7.
	May – good numbers were observed at BW and were also noted at Barns.
Hoverfly <i>Dasysyrphus</i> sp.	April – one specimen recorded on verge 8.
Bumble Bee Mimic Hoverfly <i>Volucella bombylans</i>	June – one insect of the red-tailed form noted at RWeg.
Hoverfly <i>Volucella inanis</i>	August – one recorded at RWeg.
Drone Fly <i>Eristalis tenax</i>	May – several noted at BW.
HYMENOPTERA sawflies, wasps, bees, and ants	
Horntail/Giant Woodwasp <i>Urocerus gigas</i>	September – one of these wonderful-looking insects recorded from Bden.
Ichneumon Wasp <i>Amblyteles armatorius</i>	September – early, one specimen found in a conservatory in Upp. Late in month on a warm day one was recorded at RWLr.
Yellow Meadow Ant <i>Lasius flavus</i>	August – one active dome nest observed at BOQ; observer noted ‘many pupae and workers, together with many winged males – none seen taking off’.
Hornet <i>Vespa crabro</i>	May – two queen hornets were recorded in BW (one hiding in bracken and one flying along a ride), one hornet was noted at KQ.
	June – two recorded at CQ.
	September – a hornet was noted flying over a woodland pond at TunnW, and then alighting on surface weed to drink.
	December 22 – a single hornet flying near Fieldfare Hide at RWeg.
Digger Wasp <i>Ectemnius continuus</i>	August – one specimen at BCF.
Grey-haired Mining Bee <i>Andrena cineraria</i>	May – one observed at Oak School.
	June – one noted on verge 8.

Tawny Mining Bee <i>Andrena fulva</i>	April – one noted in a Bden garden, 3 females recorded on sloe flowers on verge 7, and a female recorded on verge 5. May – one recorded at Barns.
Ground Nesting Bee <i>Melitta leporina</i>	August – one specimen recorded at KQ captured for ID examination near abundant <i>mellilot</i> plants.
Spined Mason Bee <i>Osmia spinulosa</i>	August – one specimen recorded at KQ.
Spring Flower Bee <i>Anthophora plumipes</i>	April – recorded in Bden churchyard and from a Bden garden.
Solitary Bee <i>Nomada goodeniana</i>	April – one recorded in Bden village.
Solitary Bee <i>Melecta albifrons</i>	April – recorded in Bden village and Bden churchyard. This bee is a cuckoo in the nests of <i>Anthophora</i> species.
Honey Bee <i>Apis mellifera</i>	February – a solitary bee in a Man garden. April – noted on comfrey in a Bden garden, and 3 workers recorded on verge 7. July – 5 seen nectaring at KQ. December 6 – two on mahonia flowers at Lynd churchyard. December 18 – one flying in a Man garden.
White-tailed Bumble Bee <i>Bombus lucorum</i>	April – one female noted BW. May – workers of this species were noted at Barns. July – one recorded at KQ. August – <4 noted at BOQ and one recorded at BCF. December – one noted with pollen sacs on viburnum flowers at Bden.
Buff-tailed Bumble Bee <i>Bombus terrestris</i>	April – recorded in Bden village and one female recorded verge 7 and one female at BarnsLW. May – one recorded at BW. December 18 – one noted feeding on perennial wallflowers at Man.
Common Carder Bee <i>Bombus pascuorum</i>	April – 3 females noted on verge 7. May – one noted at KQ, and two at Clip. June – four observed on verge 8. July – four recorded at KQ. August – <5 seen at BOQ.
Red-tailed Bumble Bee <i>Bombus lapidarius</i>	April – recorded in Bden village, one female noted in PC and one female noted BarnsLW. May – specimens were noted at BOQ, BW, Barns and verge 7. June – records came from an Oak garden and at RWeg. July – two records of several insects at KQ. August – good nos. of workers at BOQ and one queen observed at KQ. December 17 – one noted at Ggorse
Tree Bumble Bee <i>Bombus hypnorum</i>	June – specimens of this bee noted in a Bden garden during the month and other sightings noted in Bden village near disused nestboxes. Also a very active nest in a swift nestbox was recorded at Norm.
Cuckoo Bumble Bee <i>Bombus rupestris</i>	July – very large specimen noted KQ.

ARTHROPODS

Chilopoda centipedes

Common Centipede *Lithobius forficatus*

April – one recorded in PC.

Diplopoda

Bristly Millipede *Polyxenus lagurus*

April – one specimen recorded in Bden village.

Snake Millipede *Cylindroiulus punctatus*

May – one specimen was found under bark in a rotting log in BW.

Gastropoda slugs and snails

Large Black Slug *Arion ater ater*

June – one observed at RWeg.

Snail *Candidula gigaxii*

April – two specimens noted in HW.

Snail *Monacha cantiana*

June – several noted on verge near HM and one noted at SM.

White-lipped Snail *Cepaea nemoralis*

May – one specimen was seen at BOQ.

Garden Snail *Cornus aspersum*

April – recorded in Bden churchyard.

Isopoda woodlice and relatives

Woodlouse *Oniscus asellus*

May – one under bark in a rotting log in BW.

Reports have been few.

Glow-worms have a short breeding season during which females attract males by exhibiting a neon green glow. Mating usually occurs around midsummer, but any time in June or July is feasible. To achieve the best outcome females first climb nearby tall grass, but not always so since they can be found glowing nearer the ground. This display usually continues for up to ten evenings starting well after sunset from about 22:30 to maybe 01:00. Once mated by a flying male she will cease to glow, concentrating all her energies on egg laying before she dies. Since neither sex have mouthparts all die before August

Although rain won't stop a female glowing, she may not climb as high as she would on a dry night, and males don't usually fly far in rain or wind. So, the weather can be an important factor in mating success and survival during the two-years as a larva. Other factors are snail number and any changes in farming and countryside management.

As a special exercise this year Empingham, and Bloody Oaks Quarry, both thought to offer suitable habitats were scanned without success. Pickworth Great Wood, a known site some years ago was also checked, none were seen. Out of county a check in Fineshade Woods, where numbers were once good, only returned two sightings one at Top Lodge and the other near the houses.

Barrowden

Verge 17, [SK 945 003](#) Back Road, and Verge 3, [SK 948 005](#) Luffenham Road

Glow-worms were found in fair numbers although none were seen on the Recreation Ground. Artificial lighting can distract males but a householder in Drift Close, off Back Lane, who removed his green solar garden lights in good time was rewarded with one glow seen on a nearby frontage.

The Parish Council liaised with Rutland County Council and Luffenham Road was not mown during the season, allowing glows between 15.6~26.7, with a maximum of 4 at any one time. Back Road was trimmed by the farmer round field entrances as usual in early preparation for harvest; he also cut part of a hedge. Disturbingly, no glows were seen this year along the refuge of the long thick field hedgerow up to the A47, where the farmer takes a wide access cut. At the end of June, the Parish Council's village verge cutters mistakenly took one swathe, and glows subsequently were on grass nearer the back of the verge.

Essendine

Verge 5 and Mainline cutting top, [TF 943 129](#)

5.7: 1 in cutting top, grass very high and more may have been present. 2 seen on adjacent verge, which had been cut and was extremely dry.

Tixover

[SK 976 005](#) 17.6: one found in a garden, on the riverside bank near a new stone wall, and, next day in a next door garden – in same crack in steps as 2014!

Enlightenment

2015 September *Fieldfare* carries an account of how a resident, new to Barrowden, hearing locals comment about glow-worms set out to find them After a first sighting on 11 June he writes –

“... I was (then) out almost every night, usually dragging some reluctant visitors along too. The numbers of glow-worms slowly increased, and were to be found in the same areas night after night – the northern verge of Back Road, between the field entrance and Drift Close, and also along the western verge of Luffenham Road. Then we started finding them in other places too. There was at least one in long grass on the southern verge of Back Road, opposite the field entrance, which I saw for several consecutive nights, and then my wife reported one on the verge right outside our house in Back Road.

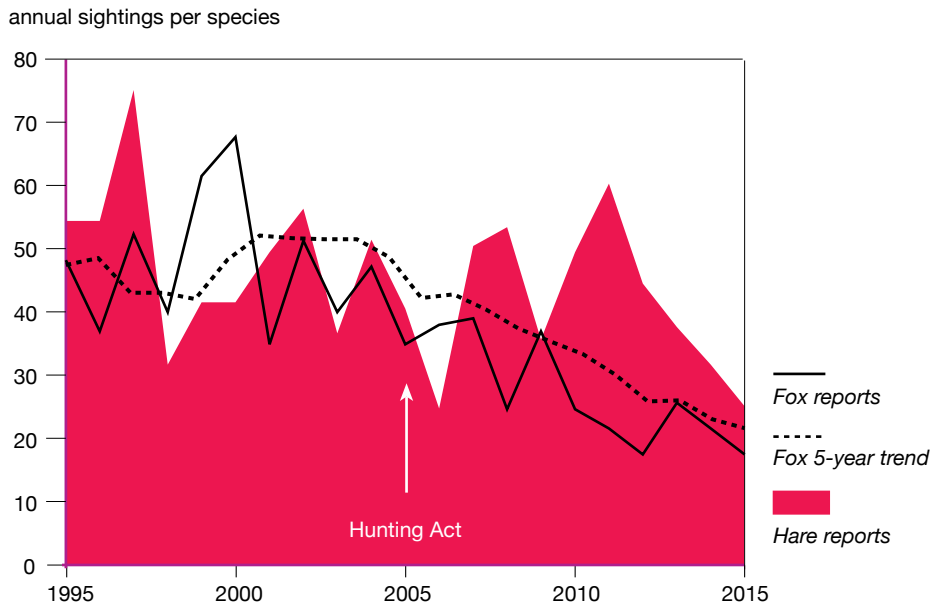
Normally we would see about half a dozen each night, with a peak sighting of 13 on the evening of 3 July, including a few on the eastern verge of Luffenham Road. After the peak in early July, numbers diminished. On 26 July I dragged my 12 year old grandson out, and we spotted one, last, glow-worm, in the eastern verge of Luffenham Road, close to the village sign. I was lucky enough one night to see a pair of glow-worms mating on the outward walk from my home; returning later the light was out and she had moved off, presumably to lay ...”

Multum in parvo? Although suspected sightings have been reported in recent years, 2015 was notable for the first confirmed report to RNHS of a **Polecat** in Rutland – an animal found dead in a barn whose identity was later verified with Vincent Wildlife Trust. This native species, which has been colonising from the west, has at last reached Rutland!

Roe Deer, also a native, were first reported in our area in the late 1990s and although sightings are infrequent their numbers appear to be stable. **Muntjac**, brought from China and released in Northamptonshire and elsewhere around 1925, are now present in all our local woods, as well as town parks and gardens. Pleasingly **Otters**, following some reintroductions in the 90s and natural recolonization, are now a regular presence in this area. Interestingly before the introduction of regular **Water Vole** monitoring at RWNr in 2011 Otters reports would number around a dozen annually. Now many more otter signs are being reported!

The traditional explanation for fluctuations in **Hare** and **Fox** populations has been that fox numbers rise after there has been an increase in the local hare population. Inevitably heavier fox predation then causes hare numbers to fall resulting in less food for the fox population whose numbers then decline. In Rutland we do not have secure numbers for other potential fox prey, such as **Rabbit**, or game and other birds, so the association has, at best, been a loose one. The graph below draws on RNHS and county sourced data, and shows the number of sightings/evidence of Hare and Fox in Rutland since 1995. The graph appears to show that numbers for both species are in steady decline.

Fox and Hare numbers in Rutland



2015 saw a couple of members using trail cameras to record wildlife. One unit was placed in a Langham garden, whilst the other was used initially around Rutland water, but later in other parts of the county. Results have been fascinating, who would have guessed that Badgers, Foxes, Hedgehogs and Muntjac visited a Langham garden almost every night and sometimes all at the same time. Notable sightings on the reserve camera have shown Otters and, on one occasion, a female with two well grown cubs. Whilst this sort of technology will increase our knowledge of wildlife in the area, it complicates the way in which records are held. For instance is a Badger seen every night for a month the same or one or several – 30 records or just one? These are issues to be carefully considered so that we do not introduce a skew in our figures to puzzle future readers!

Mammal sightings in Rutland 2015 (2014 in brackets)

Species		total	live	corpse	evidence	see key
Hedgehog	<i>Erinaceous europaeus</i>	29 (58)	48 (78)	1 (5)	– (10)	B [10], L [14]
Mole	<i>Talpa europaea</i>	15 (9)	– (1)	1 (1)	14 (8)	
Common Shrew	<i>Sorex araneus</i>	8 (8)	7 (2)	4 (7)	– (0)	
Water Shrew	<i>Neomys fodiens</i>	1 (1)	– (1)	1 (0)	– (0)	
Pygmy Shrew	<i>Sorex minutus</i>	– (2)	– (1)	– (1)	– (0)	
Rabbit	<i>Oryctolagus cuniculus</i>	3 (25)	3+ (71)	2 (0)	– (0)	
Brown Hare	<i>Lepus europaeus</i>	25 (32)	44 (267)	2 (0)	– (0)	3 leverets
Grey Squirrel	<i>Sciurus carolinensis</i>	65 (14)	81 (15)	1 (0)	– (2)	L [57]
Bank Vole	<i>Clethrionomys glareolus</i>	10 (7)	12 (8)	– (3)	– (0)	
Water Vole	<i>Arvicola terrestris</i>	20 (44)	2 (16)	– (0)	18 (36)	
Short-tailed Field Vole	<i>Microtus arvalis</i>	12 (6)	13 [‡] (13)	1 (1)	– (0)	
Long-tailed Field Mouse	<i>Apodemus sylvaticus</i>	2 (5)	2 (7+)	– (1)	– (0)	
Harvest Mouse	<i>Micromys minutus</i>	– (1)	– (0)	– (0)	– (1)	
Brown Rat	<i>Rattus norvegicus</i>	3 (4)	1 (2)	– (2)	2 (0)	
Red Fox	<i>Vulpes vulpes</i>	119 (22)	118 (21)	– (2)	3 (0)	L [111] 1 cub
Stoat	<i>Mustela erminea</i>	20 (30)	27 [§] (43)	1 (0)	– (1)	
Weasel	<i>Mustela nivalis</i>	4 (9)	6 (9)	– (0)	– (0)	
Mink	<i>Mustela vison</i>	3 (0)	2 (0)	– (0)	1 (0)	
Polecat	<i>Mustela putorius</i>	1 (0)	– (0)	1 (0)	– (0)	
Badger	<i>Meles meles</i>	98 (21)	87 (1)	– (16)	– (9)	L [78]
Otter	<i>Lutra lutra</i>	30 (46)	7 (4)	1 (0)	25 (43)	3 young
Fallow Deer	<i>Dama dama</i>	27 (35)	105 (170)	– (4)	8 (3)	
Muntjac Deer	<i>Muntiacus reevesii</i>	85 (28)	93 (20)	– (3)	– (6)	L [59] 1 juv.
Roe Deer	<i>Capreolus capreolus</i>	9 (13)	15 (18)	1 (1)	– (0)	

KEY

Note garden reports will tend to have repeat sightings of the same animal(s)

B Barrowden garden, [number of sightings]

L Langham garden with a trail camera, [number of sightings]

‡ mainly found under reptile shelters

§ seven young, one in ermine

INSECTIVORA

Hedgehog *Erinaceous europaeus* Barrowden 15 January was the first report, a small individual feeding on peanuts in cold weather, and seen again several times later in the month. The cold spring and autumn this year resulted in a shorter than usual season. In mid-September hedgehogs disappeared from Barrowden, and in Oakham one was seen collecting bedding for early hibernation. Many records came from a trail camera in Langham. Other reports were from Oakham and Wing. The latest sighting was November 22 near Wing allotments.

Mole *Talpa europaea* As usual most reports were of mole hill evidence and were from a restricted area of the county, including Clipsham Park Avenue, Exton Park, Eyebrook, Merry's Meadows and Ryhall. One dead animal was found at RWNR on the path behind the ringing hut.

Common Shrew *Sorex araneus* The only reports of live animals were of singles found under reptile sheets at RWlag2, in May, August and October. In June two were found dead near RWNR Badger Hide, and another close by two weeks later. In September one was found dead close to the reptile sheets near RWlag2.

Since reptile sheets are widely spread across RWNR, the low numbers of Common Shrew recorded under them might suggest that their distribution is limited. Extending the reptile sheet survey, and/or a live trapping programme, could give a clearer picture of their population.

Pygmy Shrew *Sorex minutus* no reports

LAGOMORPHA

Rabbit *Oryctolagus cuniculus* Although they are present in many parts of the county, the only reports were from Ketton Quarry, Ryhall (close to the Gwash), and Tolethorpe.

Brown Hare *Lepus europaeus* The number of reports of hares was fewer than in 2014, and the individual numbers very much reduced (44 compared with 267 in 2014). Cyclic fluctuation in hare numbers is explained above but it remains to be seen whether the population of hares will recover in coming years. At RWNR there is a healthy population in the Lax Hill area from where they are regularly reported. Hares were also seen at Exton Park, Eyebrook, Merry's Meadows, Great Casterton, Greetham Valley golf club, Wing, Tickencote and Pickworth.

RODENTIA

Grey Squirrel *Sciurus carolinensis* Grey Squirrel are present throughout the county and reported every month. They are often captured on a trail cam in a Langham garden. They are also reported from Greetham Valley golf club, Pickworth Wood, Tickencote, Walk Farm, and RWNR.

Bank Vole *Clethrionomys glareolus* In early January two were seen under bird feeders at Eyebrook reservoir. A few days later a very small and unsteady looking vole was picked up by the RNHS outing crossing a track through Eyebrook Plantation. It was photographed and replaced into a nearby bramble patch. In June and October several were found under reptile sheets at various locations at RWNR. Single animals crossed the track in Pickworth Wood in June and July, and at Beaumont Chase in August.

Water Vole *Arvicola terrestris* In February a water vole was seen swimming in the raised education pond at Egleton Birdwatching centre. At Oakham canal few signs were seen after late spring and voles may have been predated. It is hoped numbers will recover. During the osprey season water voles appeared regularly in reedy channels in front of Waderscrape hide, and near Badger hide RW. Water Voles are maintaining populations in key areas of RWNR.

Short-tailed Field Vole *Microtus arvalis* At Exton Park a single animal was found under a reptile shelter in July and on two occasions in September. At RWNR in May June and October single animals were disturbed under a shelter at field 44, in June at field 43 and also in June at Grebe Hide. Under 2 separate shelters in field 15 first 1 and then 3 were seen. In May a short-tailed vole was found under a shelter close to a garden pond in Wing. Another was found dead in a ride at Walk Farm plantation in September.

Long-tailed Field Mouse *Apodemus sylvaticus* There were only two reports this year, both of single animals found under RWNR reptile shelters, June in field 44, and October in field 28.

Harvest Mouse *Micromys minutus* no reports

Brown Rat *Rattus norvegicus* Two records only this year, both footprints in clay on mink rafts at RWNR, in September between fields 44 and 45 and October at Burley Fish ponds.

CARNIVORA

Red Fox *Vulpes vulpes* A fox was a very regular visitor to a Langham garden, seen on the webcam almost every night during the second half of the year at least once, sometimes making two or three visits. On two occasions he/she met with a hedgehog, but ignored it after a sniff. At midnight one July evening the fox was eating, but left on the arrival of a

badger, only to return later once the badger had left. In January a fox slinking along the hedgerow at Mount's Lodge Farm near Pickworth slid into the hedge as approached. In May a fox crossed the A606 near Sykes Lane car park entrance, and at Banthorpe one crossed the track leading down to the gravel pit. In July at Ketton Quarry a fox and cub were observed.

Stoat *Mustela ermine*

A healthy number of stoats have been reported this year. Two reports, in January at Langham and in February in Great Casterton, were of stoats in ermine. At Greetham Valley Golf Club a stoat gave entertainment to members in July as it jumped up and down trying to reach the flag in the hole of one green, and in August two stoats chased a leveret across the course. An opportunist female stoat decided that the sand martin bank at RWNr would be good place to bring up her kits and with food to hand in the shape of nesting sand martins and their chicks. Disappointingly for her, she and her kits were relocated to Lyndon. At Pickworth in June an adult ran into the road carrying one young and followed by another. Other sightings: Great Casterton, Gibbets Gorse, Langham, Leighfield, Lyndon, Normanton, Morcott, Oakham, Pilton, Ryhall, Tickencote, verge7 and Wing.

Weasel *Mustela nivalis*

Three weasels were seen at Greetham Valley golf club playing together on a green in July, and in August one was playing next to a mouse hole. At Egleton RWNr one crossed the track in July, and in December one was seen at Leighfield, a 'first' record for this area.

Polecat *Mustela putorius*

The 'first' record of polecat in Rutland was confirmed by Vincent Wildlife Trust. The dead animal was found at Wing in a barn that was being checked for barn owls on 19 December.

Mink *Mustela vison*

One seen at RWlag2 in May.

Badger *Meles meles*

The large number of reports this year reflects the frequency of appearances on a web cam at Langham. The badger (almost certainly the same animal) appears nightly, no doubt attracted by a good supply of food. On one occasion the badger met a hedgehog, and pushed past it while trying to get at a biscuit, making no attempt to harm the hedgehog, but getting a prickled nose for greed. During the summer wheat damage at the edge of fields was attributed to badgers, whose droppings contained the tell-tale grains. At the junction of two rides in a local wood an open area about 20m square was excavated by badgers hunting for earthworms or other food in the dry spell. Badgers were seen crossing the road near to Seaton and Barrowden, and several road casualties were found. Active setts and other evidence of badgers have been found in many parts of the county.

Otter *Lutra lutra*

In January an otter was seen clearly in water at Manton bridge. Sadly, a juvenile male was found dead on the grassy triangle where the A606 meets the Egleton road in February. In October an otter was caught on camera as it walked along the stream culvert from Egleton village towards the reserve. Upstream of Wakerley bridge an adult and 2 cubs were seen cavorting in the water in November, and later that month an otter crossed the Pilton road in broad daylight. At Fort Henry remains of fish caught by otter were found.

ARTIODACTYLA

Fallow Deer *Dama dama*

Numbers reported are 30% are down on last year's figure. They have been reported in: Burley Wood (12 max.), Clipsham Park Wood, Exton Park, Greetham Valley golf club, Lincolnshire Gate (20 max.), and near Pickworth Wood where 9 were seen on one occasion, and in August does and fawns were watched.

Muntjac *Muntiacus reevesii*

These are widespread and numerous often found browsing on garden plants. The spread of records is much wider than that for Fallow deer, with reports from all the local woods and Beaumont Chase, Barnsdale, Cold Overton, Lyndon, Manton, Merry's Meadows, Normanton, RWNr, Ryhall, Wing, etc.

Roe Deer *Capreolus capreolus*

Roe deer are maintaining numbers in the county. They have been seen particularly in the area around RW, the Reserve, Barnsdale and Burley Woods, as well as in Exton Park and Greetham Valley golf club, with one seen north of Great Casterton in arable fields.

The bat season of 2015 began with a relatively mild March, but from then on the RNHS weather reports (Roy Lemmon) describe every month from April to August inclusive as cold compared with the 25-year mean. Even the early July heatwave did not prevent it being a cool month overall. From March to July every month was described as dry; June was very dry. Cool, dry conditions tend not to produce high numbers of insects, so pregnant and lactating females were likely to have been affected by the possible shortage of food, and it is believed that the birth of many young was later than usual. A very wet week at the end of July, followed by an August wetter than the 25-year mean, would have made difficult conditions for newly weaned young. Adult bats may cope with such conditions, as torpor is a strategy evolved to deal with times of low food availability, but juveniles were likely to have struggled to gain sufficient weight. This may be the reason why most of the grounded bats from mid-July to the end of September, in many areas of VC55 not just Rutland, were juveniles found dehydrated and of low weight. The warmer autumn may have been beneficial as there were only two grounded bats from the beginning of October to the end of the year.

There were no records of bats in January or December and, apart from the hibernaculum visits, there was only one record each in February, October and November; these last two records were both of grounded bats. There was an unusual number of records of day-flying bats in late winter and early spring in 2015, the first of which was recorded on 15 February (see species accounts), which is considered to be an indication that bats are too thin to continue hibernation or have been disturbed in some way. It is not usually good news to see bats flying in daylight. A small bat was seen on a sunny, mild day at 2.0pm foraging over an Uppingham garden on 2 March. Pipistrelle-like bats were seen foraging in the early morning at Gibbet Gorse, Rutland Water, on 11 and 16 April; at Manton on 14 April and at Berrybuts Spinney on 16 April, where there were four sightings. At 10.0pm on 10 June a line of six small bats was seen flying along the Barrowden to Seaton road (SK935997) above the field hedge, perhaps from a roost in one of the villages. In late May and on most nights from 27 June to the end of the month small and larger bats were observed foraging over a Barrowden garden, a site where pipistrelle and brown long-eared bats have been recorded in the past. Several bats were foraging together on 21 May in this same garden, which must be a very insect rich habitat. There were few general records from members during the summer, and the last bat flight record was from Barmstedt Drive, Oakham on 29 September.

The number of counts made at maternity roosts for the National Bat Monitoring Project (NBMP) declined because bats were not present for a number of reasons (see Table 3). Pressure on large Soprano Pipistrelle colonies continued to be of concern including at Rutland Watersports, Whitwell, and at Exton.

Two hibernation surveys were carried out by members of Leicestershire and Rutland Bat Group at the east Rutland hibernaculum for the (NBMP).

The number of bats present was unusually high for this site; the February figure set a new record. During both counts, two bats were not identified to species, as only a small part of the body was visible, in one case only the feet showing. The unidentified *Myotis* bat in January was in the back of a high crevice. The *Barbastelle* in February was the first recorded since January 2012.

Table 1

2015 Hibernaculum report, East Rutland site (2014 figures)

Species	25th January		8th February	
Daubenton's	–	(–)	1	(1)
Natterer's	10	(6)	11	(4)
Myotis sp.	1	(–)	–	(1)
Pipistrelle sp.	–	(1)	1	(5)
Brown long-eared	1	(–)	1	(–)
Barbastelle	–	(–)	1	(–)
Unidentified bat	2	(–)	2	(–)
Total bats	14	(7)	17	(11)
External temp temperature °C	6.0	(2.3)	5.0	(4.7)
Warmest internal temperature °C	5.6	(3.5)	4.4	(8.7)
Survey time, minutes	105	(90)	110	(120)
Number of surveyors	7	(6)	9	(10)

Species accounts

Unless otherwise stated, notes on status refer to Rutland only.

Common Pipistrelle *Pipistrellus pipistrellus*

Status: Widespread and common.

The first bat of the year was identified by detector as common pipistrelle on 25 February in a Wing garden. From 11.45am it was seen foraging intermittently for 20 minutes before disappearing. In March and April single bats were seen foraging in the late morning on 6, 7 and 8 March and on 2 and 7 April over the same garden, on the last date it disappeared under eaves on the south side of the house. On 6 April a bat was flying at 5.0pm, still well before sunset. Common pipistrelles were foraging along tall sections of the roadside hedgerow between Edith Weston and Manton on 9 April, but at the more usual time of 9.30pm. Five bats were foraging at Whissendine church on 24 June and numerous bats were heard during the bat detector workshop on 27 August.

Neither of the two known common pipistrelle roosts was counted for the NBMP colony count in June, although 21 bats were recorded emerging from the Wing roost on 21 July. On 26 July a new colony of common pipistrelles was discovered at Belton-in-Rutland, when a juvenile was found inside a house there and brought into care. The youngster was just flying, so after intensive feeding to raise its weight it was released as the colony emerged from under ridge tiles. This was one of five common pipistrelles that were found grounded during the year (see Table 4).

Although believed to be widespread and common few common pipistrelles were caught in harp traps at Rutland Water during the Nathusius' pipistrelle surveys. Only four were caught in 2015; one in June was a pregnant female, and three on 8 August were two females and one male. By contrast, almost all the bats heard in Barmstedt Drive, Oakham, from May to September were of this species and they were regularly recorded in the Woodland View area of Oakham once the weather warmed up. The last flight record of the year was on 29 September at Barmstedt Drive. The last bat of the year was also a common pipistrelle found grounded at Tixover (See Table 4).

Soprano Pipistrelle *Pipistrellus pygmaeus*

Status: Widespread, probably common especially around Rutland Water.

Soprano pipistrelle bats are not often recorded in Oakham; however the first soprano record of the year was of two in a Windsor Drive garden on 21 May, with

further records on 23 and 26 May. On the latter date two bats were also heard in Barmstedt Drive, and also in late May several bats were foraging in the lea of a tall *Lleylandii* hedge in a Woodland Drive garden, with many feeding buzzes heard. Two were foraging at Whissendine church on 24 June and there were numerous bats of this species heard during the bat detector workshop at Lyndon Reserve on 27 August. Four soprano pipistrelle maternity roosts were included in the NBMP, but the breeding colonies were not present at Exton (Fox and Hounds public house) or at Rutland Watersports, Whitwell (see Table 3.), although counts in June and July were carried out at the Fox and Hounds. Two other maternity roosts are known, at Gunthorpe and Edith Weston, but neither of these has been counted recently. The colony at Egleton church is now considered to be of national importance, and is probably part of a meta-population of this species based around Rutland Water. During the Nathusius' pipistrelle survey the number of soprano pipistrelles caught in the harp traps far outweighed the number of other species handled, with 108 caught on 8 August alone. Soprano pipistrelles are known to forage preferentially in wetland habitats.

Only one confirmed soprano was found grounded, a male on 29 July. As it was a non-flying juvenile found beside the door of All Saint's Church, Braunston-in-Rutland, it was assumed to have come from the maternity roost there. It was fed intensively and returned to the roost on 31 July just before the breeding colony began to emerge. The emerging bats were counted, reaching a total of 694, many of them identified as juveniles by their erratic flight.

Nathusius' pipistrelle *Pipistrellus nathusii*

Status: Nationally rare breeding species; rare in Rutland.

No maternity roosts currently known.

The National Nathusius' Pipistrelle Survey run by the Bat Conservation Trust was carried out for a second year. Trapping, using harp traps, was concentrated around Hambleton Peninsula, as this had proved to be such a reliable site for finding Nathusius pipistrelles in the past. Trapping took place on four dates: 6 June, 8 August, 5 September and 10 October, at various sites close to the water around the peninsula. Members of Nottinghamshire, Lincolnshire and Leicestershire and Rutland Bat Groups were involved.

The procedure for handling and recording details of the Nathusius' pipistrelle involved weighing them, taking forearm and fifth digit measurements, sexing and assessing breeding condition. In the case of males this meant readiness to mate, in the case of females whether or not they had given birth, and whether this was in the current year. Any other features, such as current or healed damage to membranes, was also noted if present. As last year, each Nathusius' was ringed with a uniquely numbered ring, samples of fur taken for stable isotope analysis and any droppings produced were collected for DNA analysis. This was all carried out under a special scientific licence from Natural England covering both the trapping, use of a lure, and sample-taking.

A total of eleven Nathusius' pipistrelles were caught during the 2015 survey season, all but one of them males. Three were caught on 6 June, four on 8 August and two each on 5 September and 10 October. Six of the males were in breeding condition (although none in June), while the much anticipated female on 10 October had bred, although it was thought not during 2015. Two males were found to be recaptures as they were already ringed. Male A4083 had been ringed in June 2015 in Hambleton Wood at SK902071 and was recaptured at exactly the same site in September. A4073 was caught in 2014 in a trap placed between trees in the parkland and was also caught in the same place in August 2015, a high degree of site faithfulness, considering that in theory this bat had the whole peninsula to forage round. It begs the question: if females are similarly site faithful do they mate with the same males as in previous years?

Continuation of the project in 2016 will be dependent on BCT achieving appropriate funding, but it would be fascinating to catch and radio-track a female to a breeding roost at Rutland Water.

Table 2

2015 summary of grounded brown long-eared bats

Date	Location	Age	Sex	Weight	Outcome
11 May	Geeston <i>house renovation, thin</i>	adult	M	5.0g	died 12 May
19 May	North Luffenham <i>wet, found grounded after rain</i>	adult	M	6.6g	released 30 June
7 Aug	Braunston-in-Rutland <i>probable cat victim, damage to wings, euthanased by vet</i>	adult	F	c.8.5g	died 3 Sept
7 Sept	Uppingham <i>trapped indoors</i>	juvenile	M	6.6g	released 8 Sept.
29 Sept	Morcott <i>trapped indoors</i>	juvenile	n/k	5.2g	released 10 Oct
4 Oct	South Luffenham <i>cat victim</i>	juvenile	M	6.9g	died 4 Oct

Brown long-eared bat *Plecotus auritus*

Status: widespread, probably common

Two breeding roosts known, at Wing and Tolethorpe Hall; there are probable breeding roosts at Greetham Church and Lyddington Church.

The first record of the year was of a single brown long-eared bat present in the east Rutland hibernaculum, in the same low crevice on each visit. From records going back to 2007 this is only the second record of the species at the site, the first being in February 2012. The first grounded bat record was of a male on 11 May, reported during renovation of a house in Geeston, Ketton, which was thin but also covered in dust and debris when I collected it. A further five grounded bats were recorded during the year (see Table 4 and below for details). Low moth numbers in April and again at the end of July and August (recorded by Jean Harvey our moth recorder) were, I believe, a major cause of the brown long-eared bat casualties recorded, with juveniles particularly vulnerable to late summer and autumn food shortage. The female found injured in August was post-lactating, and although it was in good condition and a wound to its chest healed, broken fingers were discovered, and so it was taken for euthanasia. The bat collected from Boots the Chemist in Uppingham was a rather low weight but refused to eat, so was released next evening.

One roost was counted for the NBMP, in Wing. There were no June counts but on 21 July 15 bats were counted emerging from the roost. Evidence of long-eared bat activity, in the form of droppings or feeding remains (moth wings), was found at Greetham, Braunston-in-Rutland, and Stretton churches. One bat was seen flying in Greetham Church. Only one brown long-eared bat was caught during harp trapping sessions at Hambleton Peninsula over the summer, a male on 10 October in parkland to the west of Hambleton Wood.

The lack of current records of maternity roosts, compared with 10-15 years ago, suggests this species may be under pressure in our area from, for instance, barn and loft conversions, repairs to churches and other roosts (especially re-roofing and re-pointing), and reduced moth numbers, possibly through habitat and climate change.

Daubenton's bat *Myotis daubentonii*

Status: widespread in suitable habitat (lakes, medium-sized and larger rivers) but not common in Rutland. *No maternity roosts currently known.*

One bat was found in the east Rutland hibernaculum on 8 February. Foraging over Rutland Water was observed from Teal Hide, Lyndon reserve on 27 August (SK894056). Some bats were skimming well out over the main water, but others

came quite close to the bank, especially in the shelter of willow bushes east of the hide. During the 2015 Nathusius' pipistrelle survey season, seven Daubenton's were trapped, with six on 8 August and one on 5 September. Of these four were males, one of them in breeding condition. Three females were caught; one caught on 5 September had bred, probably during the year, and weighed a respectable 9.3g.

Natterer's bat *Myotis nattereri*

Status: Uncommon; *two maternity roosts known, both in churches.*

The east Rutland hibernaculum is known as a site for Natterer's bats, although numbers are usually small. The 2015 surveys saw an unusual rise in the number counted, with 10 present on 25 January and 11 on 8 February; the reason for this is unknown. The distinctive droppings of this species were found in Stretton church on 8 April. Two colonies were counted for the NBMP (see Table 3). The count of 45 bats in late June at Whissendine showed an encouraging increase from the low numbers counted in the last few years, but the number at Stoke Dry church was disappointingly low. Three Natterer's bats were trapped in the harp trap at Hambleton Wood, all of them on 5 September in the parkland area. The larger of the two females trapped had bred that year, while the male, which was smaller than either of the females, was in breeding condition. The larger female had raised lumps on her ears, like those seen on a male caught in September 2014, but it was thought best to release her as she seemed healthy.

Whiskered bat *Myotis mystacinus*

Status: Uncommon; *one maternity roost known.*

The maternity roost was not counted this year because of owner sensitivity. The only records were of two bats caught during harp trapping on Hambleton Peninsula. Both were adult female and had bred during the year. This compares with 13 bats, eight males and five females, caught in 2014 at Hambleton Peninsula and Egleton nature reserve.

Brandt's bat *Myotis brandtii*

Status: Rare; nationally

The only record was of a single bat, a male in breeding condition, caught at Hambleton Wood in a harp trap (SK 904 070) on 5 September. A dropping was sent for DNA analysis to confirm the species identification. This is the second confirmed record for Rutland.

Noctule bat *Nyctalus noctula*

Status: Uncommon; *no maternity roosts currently known.*

This species may be under-recorded, but at present there are no longer records of maternity roosts in Lyndon Wood and Burley Wood. However, on 30 June 2015 a group of up to 20 bats were feeding together on beetles over the cricket pitch in North Luffenham (SK 935 034). The time was 10.00pm, only half an hour after sunset, which suggested the species was breeding nearby. There were records of probable noctule in the early morning over Tufted Duck hide, Rutland Water (SK 887 053) on 3 June and over Lagoon 7, Egleton Nature Reserve, on 21 June. It is rare to see these large bats at close quarters but two were caught at Hambleton Peninsula, a male and a female in the harp trap together, on 8 August in the parkland area (SK 903 071). The last record of the year was on 27 August, when up to three at a time were foraging over Field 1, near Gibbet Gorse, Lyndon Nature Reserve (SK 899 057).

Barbastelle bat *Barbastella barbastellus*

Status: Rare British breeding species; *rare in Rutland.*

The only record received in 2015 was that of a single hibernating barbastelle at the east Rutland site on 8 February. It was partly hidden in a high crevice, but its distinctively shaped ears made identification certain.

Table 3

2015 roosts counted for the National Bat Monitoring Programme

Location	Species	June 2015	2014
All Saint's Church, Braunston-in-Rutland <i>* 694 counted in July, included juveniles</i>	Soprano pipistrelle	429 *	(372)
Egleton church	Soprano pipistrelle	998	(692)
Exton, Fox and Hounds public house <i>change of owner, internal and other alterations</i>	Soprano pipistrelle	3	(661)
Morcott (house)	Common pipistrelle	–	(61)
Rutland Watersports, Whitwell <i>** bats not present, may be roosting elsewhere in building</i>	Soprano pipistrelle	– **	(–)
Seaton (house) <i>not counted because of sensitivity issues</i>	Whiskered	–	(–)
Stoke Dry church § <i>§ several exits make this site difficult to count</i>	Natterer's bat	7	(c. 20)
St. Andrew's Church, Whissendine <i>Pipistrelles present but not counted</i>	Natterer's bat	45	(36)
Wing (house) <i>*** 15 counted in July</i>	Brown long-eared	– ***	(6)
Wing (house) <i>**** 21 counted in July</i>	Common pipistrelle	– ****	(38)

At Rutland Watersports, although the bats were not present in the roost where they originally bred, Joelle Woolley, Anglian Water Education Officer at Rutland Water, discovered what she believed to be an alternative roosting site in the building.

The Fox and Hounds public house at Exton changed hands in late 2014, and in spite of being told that the pub had a large bat colony and that bats were protected, the new owner carried out extensive internal renovation, and possibly roof repairs. It appears this was done without seeking appropriate advice. It will be interesting to see if any bats re-occupy this roost. It may be that the large increase in the number of bats at Egleton church in late June is as a result of bats relocating from Exton.

Table 4

2015 summary of all grounded bats

Date	Species	Location	Age	Sex	Outcome
11 May	Brown long-eared	Geeston – SK 986 039	adult	M	died 12 May <i>Thin, disturbed by building work</i>
19 May	Brown long-eared	Butt Lane, N Luffenham – SK 936 034 <i>Thin, wet, on ground</i>	adult	M	released 30 June
9 July	Pipistrelle sp.	Greetham <i>Baby away from roost</i>	infant	n/k	euthenased 9 July
26 July	Common pipistrelle	Belton-in-Rutland – SK 816 014 <i>New roost found</i>	juvenile	M	released at roost 2 Aug
29 July	Soprano pipistrelle	Braunston Church – SK 832 065 <i>Not yet flying</i>	juvenile	M	returned to roost 31 July
1 August	Common pipistrelle	Oakham – SK 856 082 <i>Damaged wing</i>	juvenile	M	euthenased 4 August
4 August	Common pipistrelle	Ketton – SK 985 039 <i>Thin, trapped in house</i>	juvenile	M	euthenased 20 Jan 16
5 August	Pipistrelle sp.	Exton Road, Cottesmore <i>Possibly hit by car</i>	juvenile	F	euthenased 6 August
7 August	Brown long-eared	Braunston – SK 831 067 <i>Broken fingers, probable cat victim</i>	adult	F	euthenased 3 September
26 August	Common pipistrelle	Ridlington – SK 848 026 <i>Trapped indoors, thin, dehydrated</i>	juvenile	F	died 26 August
7 September	Brown long-eared	Uppingham – SP 866 996 <i>Trapped in shop, dehydrated</i>	juvenile	M	released 7 September
29 September	Brown long-eared	Uppingham – SP 861 996 <i>Trapped in theatre, very thin</i>	juvenile	?	released 10 October
4 October	Brown long-eared	South Luffenham – SK 942 019 <i>Possible cat victim</i>	juvenile	M	died 4 October
6 November	Common pipistrelle	Tixover – SK 977 005 <i>Damaged fingers and membranes</i>	adult	M	euthenased 26 Feb 16

2015 ACTIVITIES

More information about these Society activities can be found at

www.rnhs.org.com

OUTDOOR EVENTS

11 January	Eyebrook Reservoir
22 February	Rutland Water
29 March	Whisby Nature Park, Lincoln
12 April	Pickworth Wood
10 May	Woodland birds and summer migrants
30 May	Workshop: Botany: Merry's Meadows
4 June	Seaton Meadows: Memorial Walk
11 June	Farm walk: Weldon House Farm, Caldicott
11 July	Looking for butterflies at Ketton Quarry
24 July	Moth trapping: Clipsham Quarry
9 August	Workshop: Insects, including Orthoptera: Ketton
27 August	Workshop: Bats: Lyndon Nature Reserve
27 September	Workshop: Water birds: Fort Henry Exton
10 October	Fungus Foray: Clipsham Yew Tree Wood
22 November	Wakerley Woods

INDOOR EVENTS

6 January	<i>The life of stars</i>
3 February	<i>A country year</i>
3 March	<i>Meet the recorders</i> and AGM
7 April	<i>Celebrating 50 Years of the RNHS</i>
8 May	50th Anniversary Lecture: Mike Dilger <i>Trials and tribulations of a wildlife presenter</i>
6 October	<i>Earthstars, brittlegills and puddockstools – a look at Britain's fungi</i>
3 November	<i>Lichens</i>
1 December	A year in the life of a wildlife photographer

ITEMS AVAILABLE FOR LOAN

Thanks to Awards to All lottery funding, the Society is now holds over £3,000 worth of equipment and books. The following items are held by Recorders and available for members to borrow. To arrange a loan you need to contact them directly. There is no charge but both availability, and the duration of loan, is at the Recorder's discretion.

Dr Charles Gallimore	<i>Collins Field Guide to reptiles and amphibians of Britain and Europe</i>
Terry Mitcham	Concise Edition, Vol 1 and 2: <i>The birds of the Western Palaearctic</i> Terry Mitcham, <i>Rutland Breeding Bird Atlas</i>
Gill Chiverton	Jim Porter, <i>The Colour Identification Guide to Caterpillars of the British Isles</i> Bernard Skinner, <i>The Colour identification Guide to Moths of the British Isles</i> Barry Goater, <i>British Pyralid Moths: a guide to their identification</i> Michael Chinery, <i>Collins Field Guide to Insects of Britain and Northern Europe</i> Michael J Roberts, <i>Collins Field Guide to Spiders of Britain and Northern Europe</i> Trevor G Forsythe, <i>Naturalists' Handbook 8: Common ground beetles</i> Margaret Redfern & RR Askew, <i>Naturalists' Handbook 17: Plant galls</i> Steve Grover and Helen Ikin, <i>Leicestershire Dragonflies</i> Steve Brooks, <i>Field Guide to the Dragonflies and Damselflies of Great Britain and Ireland</i> Hand lens x10 MX stereo microscope in case + slides
Linda Biddle	<i>Live Trapping Small Animals, a practical guide</i> Collins, <i>Field Guide to Mammals of Britain and Europe</i> Harris, Morris, Wray & Yalden, <i>A review of British Mammals</i> , JNCC Yalden, <i>The History of British Mammals</i> Spring balance 50 g and 100 g MX stereo microscope in case + slides, dissecting kit (2)
Jenny Harris	Bat box 111 Bat identification tape Field guide, <i>The Bat Detective</i> – (book and CD).
Linda Worrall	Michael Jordan, <i>The encyclopaedia of fungi of Britain and Europe</i> Breitenhach & Kranzlin, <i>Fungi of Switzerland:</i> 1: Ascomycetes 2: Non-gilled fungi 3: Boletes and Agarics 4: Agarics (pt 2) Roger Phillips, <i>Mushrooms and other fungi of Great Britain and Europe</i> Paul Nichol, WEA : <i>Initial guide to the identification of mushrooms and toadstools</i> Paul Nichol, <i>Aid to the identification of mushrooms and toadstools</i> ; WEA John Tyler, <i>Glow-worms</i> Stace, <i>New Flora of the British Isles</i> . 2nd edition Stace, <i>Field flora of the British Isles</i> Collins, <i>Pocket Guide to Wild flowers of Britain and Northern Europe</i> (1996) Collins, <i>Pocket Guide to Grasses, sedges, Rushes and Ferns of Britain and Northern Europe</i> <i>The New Atlas of the British and Irish Flora</i> (with CD) Large hand lens, hand lens x8, x10, x15
Dr Clive Jones	RIGS handbook, <i>Regionally important geological sites</i>
Henry Stanier	Large hand lens, hand lens x8, x10, x15

2015 RNHS location codes and map references

A					
Add W	Addah Wood	SK 963 174	GHW	George Henry Wood	SK 953 159
Arm W	Armley Wood	SK 913 077	Glast	Glaston	SK 969 005
Ash	Ashwell	SK 865 137	Gorse	Gorsefield, Oakham	SK 950 076
Ash/Whiss	Ashwell/Whissendine	SK 845 134	Greet	Greetham	SK 924 146
Ayst	Ayston	SK 859 009	GtCast	Great Casterton	TF 001 087
			Gun	Gunthorpe	SK 869 056
B					
Barns	Barnsdale	SK 906 090			
BarnsG	Barnsdale Gardens	SK 911 107	H		
BarnsLW	Barnsdale Lodge Wood	SK 905 087	Hamb	Hambleton	SK 899 076
BarnsW	Barnsdale Wood	SK 913 087	HambW	Hambleton Wood	SK 908 068
BCF	Beaumont Chase Farm	SK 846 987	Hinsp	Hinman's Spinney	SK 914 077
Bden	Barrowden	SP 945 999	HM	Horn Mill	SK 951 104
Belm	Belmesthorpe	TF 042 102			
Belt	Belton in Rutland	SK 816 013	I		
BFP	Burley Fish Ponds	SK 883 087	Ing	Ingthorpe	SK 995 088
BGP	Banthorpe Gravel Pit	TF 05 10			
Bis	Bisbrooke	SP 887 996	K		
BLQ	Bidwell Lodge Quarry	SK 961 136	K-Em	Ketton/Empingham verge	SK 956 060
BOQ	Bloody Oaks Quarry	SK 970 108	Kett	Ketton	SK 981 043
BOT	Bloody Oaks Triangle	SK 972 112	KQ	Ketton Quarry	SK 980 060
BOV	Bloody Oaks Verge	SK 972 112	KQBat	Hibernaculum Ketton Quarry	
BP	Big Pits Wood	SK 969 145			
Bthpe	Barleythorpe	SK 849 097	L		
Braun	Braunston	SK 832 066	Lang	Langham	SK 843 111
BrM	Braunston Meadows	SK 819 058	Lax	Lax Hill, Egleton	
Brk	Brooke	SK 849 057	Leigh	Leighfield CP	SK 827 036
Burl	Burley	SK 882 102	LCast	Little Casterton	TF 018 098
BW	Burley Wood	SK 892 098	LFP	Leighfield Fish Ponds	SK 829 039
			LHGC	Luffenham Heath Golf Course	SK 959 022
			Lydd	Lyddington	SP 876 970
			Lynd	Lyndon Reserve	SK 894 055
			LyndWP	Lyndon Wood Pond	SK 900 047
C					
Cal	Caldecott	SP 868 937	M		
CL	Coppice Leys	SK 967 022	Man	Manton	SK 880 046
ColdO	Cold Overton	SK 810 101	MM	Merry's Meadow	SK 938 157
Cottes	Cottesmore	SK 902 136	MO	Market Overton	SK 855 164
Clips	Clipsham	SK 970 163	Mor	Morcott	SK 924 007
ClipYTA	Clipsham Yew Tree Avenue	SK 980 168	MThorpe	Martinthorpe	
CPW	Clipsham Park Wood	SK 973 169			
CQ	Clipsham Quarry	SK 981 155	N		
CrM	Cribbs Meadow	SK 899 188	NLuff	North Luffenham	SK 934 032
CRM	Cottesmore Railway Museum	SK 885 138	Norm	Normanton	SK 933 062
CWBWg	Crown Well Bridge, Wing	SK 883 034	NW	Newell Wood	TF 004 144
D					
DP	Dawn's Paddock	SK 841 075			
E					
EBR	Eyebrook Reservoir	SK 852 956	O		
EBP	Eyebrook Plantation	SK 858 955	Oak	Oakham	SK 860 089
Egl	Egleton	SK 879 072	OakC	Oakham Canal	SK 865 110
EglWm	Egleton, Wet Meadow	SK 882 067			
Emp	Empingham	SK 950 084	P		
Ess	Essendine	TF 047 129	PC	Priors Coppice	SK 831 051
EW	Edith Weston	SK 927 053	PGW	Pickworth Great Wood	SK 981 148
Ext	Exton	SK 920 111	Pick	Pickworth	SK 992 137
			Pilt	Pilton	SK 914 029
			Prest	Preston	SK 870 023
F					
FH	Fort Henry	SK 948 121	Q		
FHP	Fort Henry Ponds	SK 949 120	QF	Quarry Farm	TF 010 082
FlitPk	Flitteris Park	SK 820 078			
G					
Geest	Geeston	SK 985 038	R		
Gorse	Gibbet Gorse	SK 014 058	Rid	Ridlington	SK 847 027
			RCGC	Rutland County Golf Course	SK 967 122
			RWGC	Rutland Water Garden Centre	SK 893 048

RWlag2	Rutland Water Lagoon 2	SK 883 075
RWNA	Rutland Water North Arm	SK 895 085
RWSA1	Rutland Water South Arm 1	SK 896 063
RWSA2	Rutland Water South Arm 2	SK 885 056
RWSA3	Rutland Water South Arm 3	SK 891 071
RWEg	Rutland Water Egleton Resve	SK 878 075
RWlh	Rutland Water Lax Hill	SK 885 063
RWLr	Rutland Water Lyndon Resve	SK 894 057
RWRb	Rutland Water reed beds	SK 88 08
RWsl	Rutland Water Sykes Lane	SK 935 082
RWwy	Rutland Water work yard	SK 888 085
RWvc	Rutland Water Volunteer Ctr	SK 883 084
Ryll	Ryhall	TF 035 107

S

SDW	Stoke Dry Wood	SP 845 978
Seat	Seaton	SP 904 982
Sk	The See	SK 839 070
SLuff	South Luffenham	SK 941 019
SM	Seaton Meadows	SP 915 979
StamQ	Stamford Quarry	TF 018 084
Stock	Stocken	SK 952 174
Strett	Stretton	SK 949 159
StretW	Stretton Wood	SK 956 170

T

TBr	Turtle Bridge	SP 927 986
TbyW	Thorpe by Water	SP 892 966
Tgh	Teigh	SK 865 160
Thist	Thistleton	SK 913 179
Tick	Tickencote	SK 990 094
Tin	Tinwell	TF 006 063
Tix	Tixover	SK 975 004
Tole	Tolethorpe	TF 021 104
TollB	Toll Bar	TF 003 085
TunnW	Tunneley Wood	SK 933 121

U

Upp	Uppingham	SP 866 996
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W

Ward	Wardley	SK 831 002
WCQS	Williamson Cliffe Quarry	TF 018 084
Walk	Walk Farm	TF 011 118
WFL	Wing Fishing Lakes	SK 889 024
WFH	Weldon Farm House	
Wg	Wing	SK 893 029
WhdC	Woodhead Castle	SK 996 116
Whiss	Whissendine	SK 832 143
Whit	Whitwell	SK 923 088
WMEg	Wet Meadow, Egleton	
WQ	Woolfox Quarry	SK 967 145
WW	Wardley Wood	SP 840 998

X

XTP	Xmas Tree Plantation, Digby Farm	SK 940 032
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