

ABINGTON NATUREWATCH

The Record 2015

Records the activities of Abington Naturewatch for 2015. Includes records of sightings of the fauna and flora in Great and Little Abington, Cambridgeshire, as noted by members and covering several sectors: Life at Granta Park and in the River Granta, Birds, Reptiles & Amphibians, Mammals, Insects, Flora.



1: (cover) Starling Murmuration, Granta Park – 19 Dec (AM) 2: (cover) River sampling, near Cricket Field – 12 Aug (PJB)



3: Sluice Wood – Jan (DF)



5: Fungus, Recreation Ground – 31 Jan (PJB)



7: Sunset over GA church – 16 Jan (PJB)



9: Lunar Eclipse – 28 Sept 02:07 (PJB)



4: Sluice Wood signs and fungus – 17 Oct (PJB)



6: Bracket Fungus, High St – 4 Oct (PJB)



8: Winter Dawn – 5 Dec (DF)



10: Geese on Granta Park lake - 29 Aug (PJB)

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19: Minnows at new shoal, Rec – 12 June (DLT)





20: Minnows at new shoal, Rec – 12 June (DLT)

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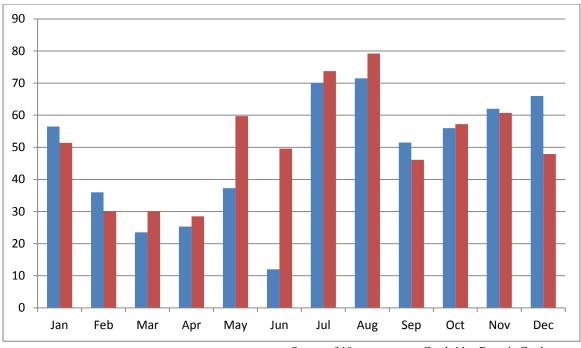


21: Dawn Chorus walk, Granta Park – 1 May (LM)

1. FOREWORD

I. Weather

2015 proved to be a fairly average year for weather. January and February were cold with some frosts and light snow but average rainfall. Both March and April were fairly dry with some light frosts in March but April was a warmer month. May and June were mild and dry months with June being especially drier than average. This was followed by the wet months of July and August broken up by some hot periods. The autumn months and December proved to be milder than average with few frosts and average rainfall in September, October and November but the year finished with a very wet month in December.



Rainfall for 2015 (blue) compared to 10 Year Average (red) in mm.

22: Abington Rainfall 2015

The weather pattern in 2015 had two main effects on nature. The mild spring meant that early Brimstone and other butterflies and bumble bees were seen in March and April together with some early and prolonged flowering in hedgerows and gardens. The summer, although wet, was mild and nesting birds seem to have had a successful breeding season.

The second half of the year was very mild with swallows having a second brood and departing late. Hedgehogs and bumble bees remained active and there was concern that underweight hedgehogs might not survive a later cold spell.

II. The 2015 Programme

We again had a busy programme during 2015. This started off with the RSPB Birdwatch in January and an excellent visit to Fen Drayton Lakes to see the birdlife in February. The highlight of the trip was a rare Glossy Ibis. Our river sampling programme continued in April, June and August but there was some concern that the river bank near our sampling area behind the cricket storage shed was getting very overgrown and discussions took place with the relevant authorities to clear the river bank in that area during the 2016 winter. Naturewatch held its own Birdwatch in May and we were very pleased to get the school involved for the first time in both this and the RSPB Birdwatch. We visited Beech Wood to

Source of 10 year average: Cambridge Botanic Gardens

see the rare White Helleborines and had a very interesting trip to Wicken Fen in June to see dragonflies, damselflies, birds and plants. During this visit we had the chance to learn some new facts on dragonflies and help with damselfly identification from the local expert. In July we visited RSPB Lakenheath which is always excellent for birds and saw 41 bird species with the highlight being a Bittern flying over the reed beds. August saw us visit the western section of the Roman Road where we identified several chalkland plants. Among the butterflies seen was an expanding colony of Chalkhill Blues and several Small Skippers.

The only disappointment in our busy summer season was that we were unable to carry out two planned moth trap events but hope to do these again in 2016.

Our autumn members' evening, this year in November, was a very popular event where our local bird expert, Andy Merryweather, gave a very interesting talk on the identification of birds that would be expected to be seen in the village, illustrated by several of his own photographs.

Naturewatch has been trying to get an idea of the number of hedgehogs in our village over the last two years and in 2015 tried out some Hedgehog tunnels which record their footprints as they move through. This has provided some interesting results and hedgehogs appear to be more prevalent than we thought. We will continue the programme in 2016.

III. Granta Park

Granta Park is a very important part of our area and we are grateful for their financial support of Naturewatch which goes towards the cost of meetings and printing the Record. I would also like to acknowledge the contributions to the Record from Tracy Thomas, Sheila Stevens, Andy Merryweather and Mike Gittos.

IV. Naturewatch Members

We have a steady core of members in Naturewatch and our visits have in the main been well supported. However we need some new active members and hope that a Volunteer Day in the village in April will be successful.

Apart from the visits, Naturewatch relies on observations and photos from our members in the village which are put together in the annual report, the Record, and interesting observations or photographs put onto our website blog.

Many thanks to all those who have contributed during the year and we look forward to even more in 2016. The Naturewatch visits, our website blog and the reports in the Record, would not happen without the work of our Project Team and I would like to record my thanks to them for all their efforts during the year.

David Farrant

Notes:

- 1. In this document, GA stands for Great Abington and LA for Little Abington.
- 2. All photographs were taken in 2015, unless noted.
 - Photographers: Audrey Bugg (AB), Andy Merryweather (AM), Anne Dunbar Nobes (ADN), Barry Brooks (BMB), David Farrant (DF), Derek Turnidge (DLT), Emma Jones (EJ), Jennifer Hirsh (JAH), Len Mead (LM), Pam Parris (PP), Peter Brunning (PJB), Peter Dawson (PD)
- 3. Visits out of the Abingtons are recorded separately in Section 8.
- 4. For contact details for all sectors, please refer to the back page.
- 5. Species of particular interest (declining native or invasive non-native) are shown in red.

2. RIVERCARE

I. Overview

Abington RiverCare has two main interests: looking after the 'home' stretch of the River Granta and surveying its flora and fauna. *RiverCare* is a member of the national *RiverCare* organisation <u>http://www.rivercare.org.uk/</u> (see below).

On the last Saturday of each month, we walk through the cricket and recreation fields along the river and check its condition, picking up litter along the bank and, if possible, from the river. [Volunteers are always welcome at the road bridge at 9:30 a.m.] We look out for, and attempt to eradicate, invasive plants such as Himalayan Balsam and Giant Hogweed – we removed a small amount of **Himalayan Balsam** from Abington Woods this year but we seem to be reducing it somewhat. We also notify landowners or the *Environment Agency* of any issues that need further attention, such as the clearance of larger items of debris. The national *RiverCare* organization provides equipment, insurance, safety guidelines and other advice.

In August 2014, we realised a major project, which had taken quite a while to plan. We installed a gravel shoal in the river by the Recreation Ground, quite close to the Millennium Footbridge. This is now an established feature: it looks natural and shoals of minnows have been seen close to it. It has been inundated several times, which should have stabilised it quite effectively.

RiverCare members also take part in the Cam Valley Forum, a voluntary group, established in 2001, which works to protect and improve the environment of the River Cam and its tributaries – see <u>http://www.colc.co.uk/cambridge/cam.valley.forum/.</u>

II. River Sampling 2015

As for the last few years, we performed the sampling within a 30m stretch of the River Granta beside the Abington Cricket Meadow (as agreed with Rob Mungovan). Grid ref: TL534490.

The Riverfly Partnership *abundance* figures are as follows:

	•	1 0
1 – 9		category $A =$ (based on a quick count)
10–99		category $B = (+ \text{ estimated number to nearest } 10)$
100–999		category $C = (+ \text{ estimated number to nearest } 100)$
over 1000		category $D = (+ \text{ estimated number to nearest } 1000)$

i. Saturday 11th April 2015

We sampled mostly Mayfly Ephemeridae, Olive Baetidae, Caddisfly at the usual site.

ii. Wednesday 24 June 2015, 6.30pm - fine, dry weather, warm evening

River level: very low **Recorders**: Anne Dunbar-Nobes and Peter Brunning

3 kick-shuffles undertaken within the allotted 3 minutes:

- a) Gravel/rocky bottom in main flow;
- b) Weedy area (water crowfoot) with rocky gravel bottom;
- c) Deeper water, rocky bottom

Riverfly species

Cased caddisfly: Nil Caseless caddisfly: B, Estimated number 20 Mayfly Ephemeridae: A, Estimated number 3 Blue-winged olive: Nil Flat bodied up-wings: Nil Olives: Category B, Estimated number 20 Stoneflies: Nil Gammarus (Freshwater shrimp): Category C, Estimated number 100 Many (50+) unidentified tiny Mayfly larvae

Hatches seen: none

Other fauna: 1 tiny pea mussel, 1 tiny water snail

Non-sightings (we've usually found these when monitoring elsewhere in the river): leeches, crayfish, minnows, demoiselle larvae.

iii. Wednesday 12th August 2014, 18:30 - fine, dry weather, warm evening;

River level: very low

Recorder: Peter Brunning

3 kick-shuffles undertaken within the allotted 3 minutes:

- a) Gravel/rocky bottom in main flow;
- b) Some Weed (water crowfoot) with rocky gravel bottom;
- c) Deeper water, rocky bottom

All under trees.

Riverfly species

Cased caddisfly: Nil Caseless caddisfly: B, ca. 10 Mayfly (Ephemeridae): Nil Blue-winged olive (Ephemeridae): Nil Flat bodied up-wings (Heptageniidae): Nil Olives (Baetidae): C, ca. 100 Stoneflies: Nil Gammarus (Freshwater shrimp): B, ca. 20

Hatches seen: none

Other fauna: 3 signal crayfish - ca. 7cm, 5cm, 2cm

iv. Wednesday 09 September 2015, 6.30pm - fine, dry weather, cool evening

NOTE: this session was held at the old ford to check fauna in a slightly different stretch of the river. River level: low

Recorded by: Peter Brunning Riverfly sampling - Sept 2015 3 kick-shuffles undertaken within the allotted 3 minutes

- a) Some Weed (water crowfoot) with rocky gravel bottom;
- b) Gravel/rocky bottom in main flow, deeper water;
- c) Lower flow, rocky bottom, edge of weed).

Riverfly species

Cased caddisfly: Nil Caseless caddisfly: B, ca 10 Mayfly (Ephemeridae): Nil Blue-winged olive (Ephemeridae): Nil Flat bodied up-wings (Heptageniidae): Nil Olives (Baetidae): C, ca 200 Stoneflies: Nil Gammarus (Freshwater shrimp): C, ca 100 Hatches seen: none

Other fauna: 1 signal crayfish - 3cm; 4 fish (stone loach) - 3 x 10-12cm, 2 x 5 cm

Non-sightings (we've often found these): leeches, worms, minnows etc.



23: Caddis larvae, Shrimp – 9 Sep (PJB)



24: Olive nymphs – 9 Sep (PJB)



25: Demoiselle nymph – 26 Sep (PJB)



26: Shrimp – 9 Sep (PJB)

III. RiverCare & Beachcare Activities

i. Winter Conference – Friday 27th February 2015

Robin and Peter attended quite a full day (10:00am - 3.45pm) of talks and discussions at Hayman Lodge, Oak Lane, Old Catton, Norwich NR6 7DB. There were others from the Anglian region and Rivercare people from around the country.

Topics included biodiversity, projects (including the Abington Shoal project), non-native species, working tools and techniques.

ii. Summer Conference – Thursday 20th August 2015

Richard, Deborah and Peter attended a morning (10:30am – 1.45pm) of talks at the Anglian Water Birdwatching Centre, Rutland Water, Egleton, Oakham, Leicestershire, LE15 8BT. Afterwards, we visited the Lyndon Visitor Centre to watch the Ospreys. It was an exciting time to view these magnificent birds as the young were improving their flying skills and learning to catch fish. <u>http://www.ospreys.org.uk/osprey-facts/</u>



27: Rivercare & Beachcare Winter Conference 2015:

iii. RiverCare visits to Abington

15th September 2015 – Introducing Rob to Abington

Rob Martyr, David, Deborah, and Peter walked along the river from the road bridge to the coach road, via the Cricket Field, the Recreation Ground, Abington Woods and Sluice Wood.

19th November 2015 – Ecological visit to Abington

Rob Martyr and Andrew Walters of RiverCare, with help from David Farrant, arranged to review the stretch of the river from the bridge to the footbridge. In attendance were Lou Mayer (Environment Agency) and Ruth Hawksley (Wildlife Trust). The idea was to advise on possible improvements. The key points noted include:

- They were very impressed with the current state of the Recreation Ground stretch. (The committee plans to keep it clear by strimming and spraying.)
- They suggested that a plan be put together concerning the whole stretch, including all the work planned, which could then be used to get grant money. This would include any work by tree surgeons (they suggested that the willow by the shed be pollarded), deflectors or a further beach/shoal.
- First step would be for all brush and elderflower bushes to be removed, and relevant lower branches to shoulder height, by the local group over the winter

- Rob was to try to arrange for Anglia Water to clear the stretch from the bridge to the equipment shed. They have since agreed to clear their site but do not, apparently, own the river bank.
- As the lower stretch is now so clear, would it be possible for local contractors to strim the nettles behind the cricket pitch on a regular basis? (The cricket club has since cleared much of the scrub.)
- It was suggested a further shoal/beach be put in by the play area and more deflectors (3) in the river but this would need approval.

IV. Other Events

i. Training

Wildlife Training Workshop: "Natural History of the Water Vole" with Iain Webb and Ruth Hawksley - 26 April 2015. Cambourne office, Wildlife Trust for Bedfordshire, Cambridgeshire and Northamptonshire.

This workshop introduced us to the natural history and field signs of the water vole. We heard a little about what caused their decline and what can be done about it.

This was followed by a field visit to look for evidence of water vole activity in the Cambourne/Cambridge area and information on how to conduct surveys.

ii. Anglian Water Open Day – 10th October 2015 -

Robin & Peter visited the Milton Water Recycling Centre and saw exhibits related to water saving and cleanliness. Some were aimed at children, attempting to educate them about the effects of putting unwelcome material in the sewers. The combination of wipes and fats, for example, can cause severe blockages, which are costly and very inconvenient for all concerned. A good rule is only pee, poo and paper!

We also toured the treatment works, following the path of the water from sewer to river. We saw some of the strange things they find occasionally, including a couple of mobile phones. It is a large site with enormous lagoons where the solids are digested by bacteria and put back in the river in a clean and safe state.

It was an interesting morning, and would perhaps make an interesting and educational outing for children.

iii. World Rivers Day – Saturday 26th September 2015

World Rivers Day (<u>http://worldriversday.com/</u>) is celebrated each year all round the world on the last Sunday of September. Naturewatch arranged a small display to celebrate the occasion on Saturday 27th September, at 'Abington Woods' – they also had a display in the former Scout training building. We had young visitors from late morning to early afternoon.

The main objective of the day was to introduce the fauna of the river to younger members of the community. In spite of belated and restricted publicity, the event seemed to be a success!

We had samples of creatures, taken from the river that morning, in trays and specimen pots to examine with magnifying glasses and a microscope. These included fish, shrimp, and Mayfly larvae – but no crayfish this time.

Peter Brunning



28: Robin at nest, Lewis Cresc – 25 Apr (AM)



30: Red Kite, Granta Park – 24 Apr (AM)



32: Reed Warbler, Granta Park – 17 May (AM)



34: Great Spotted Woodpecker, South Rd – 16 Feb (PP)



29: Wren at nest, Lewis Cresc – 25 May (AM)



31: Curlew, Granta Park – 29 June (AM)



33: Baby Blue-tits, South Rd – 26 May (PP)



35: Green Woodpecker, West Field – 16 Dec (PD)

3. BIRDS

I. Members' Reports

Once more I am extremely grateful for all the reports I have received from many people during the year including reports from Granta Park. Frequent or infrequent, detailed or simple, without them there would be no record. All reports are recorded and highlights follow here. Because of the excellent detailed report of birds recorded on Granta Park which appears elsewhere in this Record, I have only included Granta Park sightings which have been provided to me by village residents, as opposed to people working there and reporting to Andy Merryweather.

January 2015

Fieldfares and Redwings were seen throughout the month, there were two sightings of Little Egret including one in the top of a tree near the Millennium Bridge. Treecreepers, Stock Dove, Blackcap and Redpoll were among the less usual species. After a farm machinery event on Grange Farm there were many Gulls and Corvids there. A report appeared on BirdTrack of a Merlin in Great on 29th. The RSPB Big Garden Birdwatch produced 14 reports including one from the school and a total of 33 species including Yellowhammer.

February 2015

Siskins were seen in the early part of the month. A Grey Wagtail was watched twice on a roof in Cambridge Road, once being chased by a Pied Wagtail. There were reports of Goldcrests, drumming Great Spotted Woodpecker, Tawny Owl, Bullfinches, Stock Doves and Reed Bunting. A pair of Mallard was seen on a garden pond in Great Abington

March 2015

Reports of Buzzards from early in the month and a single Brambling was seen on 8th. Chiffchaffs heard from the last week of March and a **Kingfisher** was seen in Sluice Wood in the same week. Green and Great Spotted Woodpeckers were seen regularly. Fieldfares and Redwings continued to be seen as was Little Egret. A partial albino Blackbird was reported. One report of Skylark.

April 2015

Chiffchaffs continue in evidence and Swallows from 9th onwards, House Martins from 12th. There were several reports of Treecreepers, one of Corn Buntings and a Whitethroat, also Skylarks, Redlegged Partridges, Yellowhammer and Blackcap.



36: Long-tailed Tit chicks, Lewis Cresc – 9 May (AM)



37: Partial Albino Blackbird, Church La – 3 Apr (GS)

May 2105

A Cuckoo was heard in Sluice Wood on 5th and again on 21^{st,} 23rd 25th and 27th; elsewhere in the village Swifts reported from 7th onwards. There was one report of a Spotted Flycatcher and two of a Red Kite, a pair of Grey Wagtails was seen on the river. The Survey over the weekend of 23-25 produced 14 records (2014: 7) including one from Class 1 at the school. 48 species (2014: 45) were recorded.

June 2015

Young Robins, Wrens, Blue and Great Tits and Pied Wagtails were all seen early in the month. On 6th and 27th a **Barn Owl** was reported from Lewis Crescent. Reports of Bullfinches, Buzzards calling, Goldcrest, Jays and Longtailed Tits all received. From 24th onwards several reports of Nuthatch in Little Abington. A Curlew photographed flying above Great Abington.

July 2015

Pair of Great Crested Grebes seen on Granta Park Lake among Canada Geese and Mallard also a single Greylag Goose. Nesting Spotted Flycatchers reported from Little Abington. Grey Wagtail, Treecreeper, Bullfinches and Swifts all in evidence as well as Swallows and House Martins. Tawny Owls heard at night.

August 2015

Swifts reported up to 8th. A pair of Cormorants was seen on Lake on 9th. House Martins and Swallows were seen throughout the month and a **Kingfisher** was seen near the Millennium Bridge on 11th. There were several reports of Grey Heron and also Treecreepers.

September 2015

A Shorteared Owl was seen on 13^{th} in south of Great Abington. Swallows were reported up to 21^{st} . A Red Kite was seen on 20^{th} . Flocks of Goldfinches were seen on verges before they were cut. Both Chiffchaffs and Wood Warblers were heard in Sluice Wood. Goldcrest seen on 26^{th} in conifer on Cambridge Road.

October 2015

6+ House Martins reported flying round Little Abington Church on 11th and a **Kingfisher** near the Millennium Bridge. On 28th a flock of 30-40 Fieldfares seen from path towards Abington Park Farm. Skylarks reported over Bourn Bridge Road fields.

November 2015

A Sparrowhawk was photographed near a house in Great Abington where there were 30+Goldfinches feeding on seeds in paddock and trees. Goldcrests seen in conifer on Cambridge Road. Large flock of Chaffinches – at least 27 – in garden in Little Abington. On 23^{rd} 9 Fieldfares and 2 Redwings in Cooke's Meadow. 115 ducks on Lake on 26^{th} , all apparently Mallard.

December 2015

On 15th Song Thrush was singing in top of a conifer. Two reports of Grey Wagtail early in the month. Several reports of Starling murmurations at dusk near the Granta Park Lake and nearby. A **Kingfisher** was seen in Sluice Wood on 19th. Seven Lesser Redpolls reported from Lewis Crescent for first time in nearly three years, feeding on Niger seed. About 100 Fieldfares were seen on Christmas Day from the Coach Road.

II. RSPB Garden Birdwatch 24-25 January 2015 – Abington records

14 records were received including one from Class 1 at the school; 31 species were recorded. In descending order they were:

14 recordsBlue TitBlackbirdRobin13 recordsGreat Tit11 recordsChaffinch10 recordsCollared DoveDunnock9 recordsLongtailed TitGoldfinchWoodpigeon

8 records Magpie
Coal Tit
6 records
House Sparrow
5 Records
Starling
Greenfinch
4 records
Great Spotted Woodpecker
Wren
3 records
Carrion Crow
Fieldfare
Jackdaw

2 records

Jay Song Thrush Blackheaded Gull Pheasant Pied wagtail <u>1 record</u> Green Woodpecker Bullfinch Kestrel Linnet Redwing Skylark Yellowhammer Redlegged Partridge



38: Male Bullfinch, Lewis Cresc – 25 Jan (AM)



39: Male Bullfinch, Lewis Cresc – 25 Jan (AM)



40: Female Blackcap, Lewis Cresc – 25 Jan (AM)



41: Male Chaffinch (diseased leg) – 25 Jan (AM)



42: Brambling, Lewis Cresc – 29 Nov (AM)



43: Pheasant, West Field – 6 Nov (PD)

Species No	of records	Species	No of records
Black-headed Gull	1	Kestrel	2
Blackbird	14	Linnet	1
Blackcap	4	Long-tailed Tit	3
Blue Tit	12	Magpie	10
Bullfinch	2	Mallard	4
Buzzard	5	Mistle Thrush	5
Carrion Crow	5	Moorhen	3
Chaffinch	8	Pheasant	2
Chiffchaff	6	Pied Wagtail	10
Coal Tit	4	Red Kite	1
Collared Dove	12	Red-legged Partridge	3
Corn Bunting	2	Robin	11
Dunnock	10	Rook	10
Goldfinch	11	Skylark	3
Great Crested Grebe	1	Song Thrush	8
Great Spotted Woodpecker	5	Sparrowhawk	1
Great Tit	9	Starling	6
Green Woodpecker	7	Stock Dove	3
Greenfinch	6	Swallow	5
Grey Heron	3	Swift	5
House Martin	6	Whitethroat	1
House Sparrow	8	Willow Warbler	1
Jackdaw	8	Woodpigeon	14
Jay	3	Wren	8

III. Abington Naturewatch Bird Survey 23-25 May 2015

There were 14 records (2014: 7) received including one from Class 1 at the school. 48 species (2014: 45) were recorded, an increase of 3 over the similar survey in 2014.

Species recorded by 10 or more of the 14 are shown in **Bold**.

IV. Outings

Please note that Reports of Outings can be found in Section 8.

Derek Turnidge

4. **REPTILES & AMPHIBIANS**

The first report of **frogspawn** in early March matched that of previous years, but thereafter there seemed to be very few ponds with **frog** spawn and tadpoles. This, together with the mixed weather, probably also explains the paucity of grass snake reports through spring and summer. It seemed to be a fairly good year for Common Newts, with over 20 being counted on one day in our pond in the summer. Our pond had no spawn but small **frogs** and **toads** made it their home for much of the summer. In early autumn, young **frogs** were seen in grass on the village allotments.

An interesting report of a **Common Lizard** was received from Marion Rusted, who saw it in her conservatory in July where it had made its home in a crack in the wall.

And then, deep in November after quite a quiet year on the reptile and amphibian front, I received a report of a hibernating **Common Lizard** from the Cambridge City Greenways Project Officer (Iain Webb) who was clearing brambles and wild clematis off the north-facing bank of the old railway cutting in Great Abington (a county wildlife site). Common Lizards have not been recorded from this site before so this was a matter of much interest.

Date	What	Where	Comments			
8 March	Toad	Garden, 41 South Rd, GA	Large adult in undergrowth near pond			
10 March	Frogspawn	Hannah pond	No frogs seen, and no frog spawn in the larger pond			
March	Frogspawn	Tredget pond, 40 South Rd, GA	2 clumps of spawn. Toad also seen. Grass snake over-wintered in compost heap.			
Late March	Toad	Tredget pond, 40 South Rd, GA				
March	Grass snake	Tredget pond, 40 South Rd, GA	Known to have over-wintered in compost heap, not yet seen			
5 April	Smooth Newt	Dunbar-Nobes pond, 41 South Rd, GA	Warm weather has increased algae and newts seen coming up to surface			
7 April	Smooth Newt	Turnidge pond, 23 Cambridge Rd, LA				
10 April	Toad, large adult	Dunbar-Nobes garden	On patio, late evening			
11 April	Squashed Toad	Chalky Road	First roadkill of the spring			
14 April	3 Smooth Newts	Turnidge pond, 23 Cambridge Rd, LA				
15 April	2 frogs	Dunbar-Nobes pond, 41 South Rd, GA	No spawn yet			
May onwards	Frogs, Smooth Newts	Garden ponds	Regular reports of sightings			
May onwards	Grass snakes	Garden ponds	Occasional sightings of single specimens			
July	Common lizard	Marion Rusted's conservatory, LA	Living in crack in wall in conservatory			
Mid-Aug	Newts	Garden ponds	Numbers are declining as breeding season finishes			
Mid-August	Frogs and toads	Gardens	Sporadic sightings in flower beds and grassy areas			
30 Aug	Grass snake	Footpath in Little Abington	About 2' long, quite dark in colour			
5 Sept	6 young Smooth Newts	Turnidge pond, 23 Cambridge Rd, LA	Still with gills			
3 Oct	Toad	Dunbar-Nobes garden, 41 South Rd, GA	Large adult toad in wood pile in garden			
25 Nov Common lizard		County wildlife site, old railway cutting, GA	Hibernating in bank under roots of brambles/wild clematis			

Granta Park Plant ID and Bug Hunt - see Section 10.V.iii



44: Group in wildflower meadow – 17 July (TT)



46: Inspecting a 'bug' – 17 July (TT)



48: Leaf Beetle, Granta Park – 17 July (PJB)



50: Robber Fly, Granta Park – 17 July (PJB)



45: Examining the sweep net's contents – 17 July (TT)



47: Group in Lagden's Grove – 17 July (TT)



49: Frog Hopper, Granta Park – 17 July (PJB)



51: Lesser Stag Beetle, Granta Park – 17 July (PJB)

5. MAMMALS

I. Introduction

Following a visit from Peter Pilbeam in 2014, Naturewatch investigated Footprint tunnels, which are a non-invasive tool recommended by the Mammal Society to look for the presence of mammals in a habitat by identifying their footprints. Mammals walk over ink-pads to reach bait inside, and leave footprints on special paper as they do so.



52: Hedgehog – 24 July (DF)

53: Hedgehog tracks – July (DLT)



54: Hedgehog footprint tunnel (DF)

55: Hedgehog tracks from tunnel (DF)

Hedgehogs and evidence of hedgehogs were again well reported. Disturbingly, since the end of the year, there have been sightings of hedgehog activity at a time when they should be hibernating, which may be a sign of the warm winter weather affecting them in a detrimental way, since there is likely to be less food available at that time of year.

Bats have also been reported flying in November and December, when they, too, should have been hibernating.

Reports of foxes have remained similar to the previous year and Muntjac deer are still in evidence.

Species*	Location*	Number	Comments
Fox	High St / Pampisford Rd	1	Seen midday
Muntjac	Railway line off Pampisford Rd	1	TL527481
Fox	Field behind house	1	8am
Badger	Railway line, Chalky Rd	1	Dead 11.30am
Bats	Round security light	2	Feeding 9.30pm
Bat	Church Lane	1	Behind fence – maybe Pipistrelle
Short-tailed vole	Cambridge Rd	1	By bird feeder
Badger	Side A11. N of Junction	1	Dead at side of A1307
Roe deer	Abington Pk Fm by Chalky Rd	8	V. interested in horses
Fox	Cambridge Rd	1	Large fox, early afternoon
Fox	Sluice wood, by Coach Rd	1	
Hedgehog droppings	Cambridge Rd		Droppings on lawn
Hares	Chalky Rd – top farm	2	
Hedgehog droppings	Cambridge Rd		Droppings on lawn
Hedgehog droppings	1 Bourn Bridge Rd		Droppings on lawn
Short-tailed vole)	1	
Grey squirrel) Cambridge Rd	1	
Mole activity)		
Muntjac	Coach Rd	1	TL523492
Roe deer	Fields before Hildersham Wood	9	
Bats	Cambridge Rd	2	Pipistrelle & Serotine
Common shrew	Cambridge Rd	1	Dead
Muntjac	9 Bourn Bridge Rd – front lawn	1	6.30am TL528494
Hedgehog	Cambridge Rd – on lawn	1	Evening
Hedgehogs	1 Bourn Bridge Rd	2	Making lots of noise in back garden
Bat	Little Abington church	1	
Common shrew	Garden, High St	1	Dead
Bats	Garden, High St	several	Pipistrelles flying every warm evening
Muntjac	Cooke's field	several	TL528494
Hare	Granta Park		
Hedgehog	9 Bourn Bridge Rd	1	Snuffling by back door
Hedgehogs	Church Lane	3	In garden
Hedgehog droppings	Garden, Meadow Walk		Evidence on lawn
Hedgehog	51 Church lane – on lawn	1	
Hedgehog	Cambridge Rd – on front lawn	1	
Hedgehog droppings	Cambridge Rd		Evidence on regular basis
Muntjac	Cambridge Rd – in garden	1	TL531495
Bat	Little Abington church	1	Long eared – on lectern
Hedgehog	High St / Gt Abington	1	In garden
Hedgehog	Church Lane	1	Large specimen by side gate
Hares	Granta Park	2	
Bat		1	In garden
Fox	Coach Rd	1	
Muntjac	Coach Rd into Granta Park	1	TL523492
Fox	Newmarket Rd	1	Dead in road
Bat	Field by Sluice Wood	1	Flying – very small specimen
Bat	Granta Park	1	Flying at lunchtime

II. Summary report of mammal sightings:

Gill Smith



56: Muntjac, Cambridge Rd – 25 Sept (DLT)



57: Long-eared Bat on LA church lectern – 26 Sept (DLT)



58: Pipistrelle Bat, High St – 13 Mar (JAH)



59: Grey Squirrel, Church La – 2 Oct (PJB)



60: Field Mouse, Roman Road – 23 Aug (PJB)



61: Field Mouse, Roman Road – 23 Aug (PJB)



62: Hedgehog, Church La – 4 May (LM)



63: Southern Hawker dragonfly and its nymph case, S Rd



65: Southern Hawker and Exuvia, High St – 6 July (AB)



67: Small Magpie Moth, North Rd – 23 May (EJ)



69: Bees on Lavender, High St – 11 July (JAH)



64: ... and with wings spread after ~5 hours - 7 Jun (ADN)



66: Emerald Damselfly, High St – 21 July (JAH)



68: Grasshopper, Church La – 21 Aug (PJB)



70: Buff-tailed Bumblebee, High St – 20 July (JAH)

6. INSECTS

This report covers butterflies, moths, bees, dragonflies, damselflies, and ladybirds. These are the groups that members recognize and can usually identify.

Other invertebrates, which are hardly ever reported or identified, are also mentioned at the end.

This was a reasonable year for butterflies, dragonflies and damselflies, though due to variable weather some months were better than others.

I. Insect reports and reporters

This year I had a total of 826 individual species reports (824 in 2014).

There are four truly regular reporters (includes couples) and only six occasional reporters.

I would welcome more reporters on insects, particularly butterflies, bees, dragonflies and damselflies and ladybirds. These are generally the easiest to identify. I can help with identification charts if necessary. I would particularly like reports from different parts of the village and different habitats.

II. Butterflies

√ √

March 7, the first warm day of spring, brought in 24 species reports from 12 members. The majority of these were of Brimstones and these topped the ranking once again being seen all through the summer from March until the end of September. Small tortoiseshells were seen in much bigger numbers again – buddleia bushes in full flower attracted them. Peacocks and Red admirals also like these shrubs. Orange tips, large and small whites were seen in good numbers. Increasing numbers of Commas and Speckled woods too. Meadow browns, Ringlets and Gatekeepers however were down in number from the last couple of years. This may be due to the fact that we cannot now access Cooke's Meadow down the Old Coach Road due to horses being kept there – this had been a good habitat for butterflies in previous years.

i. List of butterflies recorded as present in Cambridgeshire 1990-2005.

Ref: The Butterflies of Cambridgeshire, 2006, Robin Field, Val Perrin, Louise Bacon, Nick Greatorix-Davies

This book shows a total of 34 current resident species in the county of which $\underline{20}$ have been reported in Abington this year from February to October. (In 2014 we had reports of 20 species, in 2013 21 species, in 2012 19 species).

In comparison with the report from Granta Park (see 10.II), where systematic surveys of butterflies are carried out, five more species were reported in the village (Orange tip, Small Copper, Holly Blue, Painted Lady, Fritillary). However two species (Brown Argus and Large Skipper) were recorded for Granta Park but not seen in the village.

Sightings (species to date) are shown in the table as:

only one reported sighting in month

more than one reported sighting in month

In the **Current** table below, names in **black bold** are those that have been reported this year in Abington village, and names in *red italic* are those that have <u>not</u> been seen this year.

First butterfly seen outside:Red Admiral in late February 2015Last butterfly seen:Brimstone in September 2015

2015	Butterflies ranked by number of sightings (top 12)
1	Brimstone
2	Large White
3	Small tortoiseshell
4	Small white
5	Peacock
6	Comma
7	Orange tip
8	Meadow brown
9	Red Admiral
10	Holly blue
11	Gatekeeper
12	Speckled wood



71: Small Tortoiseshell underwing, High St – 10 July (JAH)



72: Small Tortoiseshell / lavender, High St – 11 July (JAH)



73: Peacock butterfly, High St – 7 Aug (JAH)



74: Small White butterfly, High St – 10 July (JAH)



75: Orange Tip underwing, High St – 9 May (JAH)



76: Speckled Wood, High St – 9 May (JAH)

The table overleaf shows those butterflies seen in Abington in 2015 by month (20 species)

The Record 2015

Butterfly name	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Notes from Butterflies of Cambridgeshire
Reported in Abington 2015										20 species in 2015
Small skipper						$\checkmark \checkmark \checkmark$				Widespread & common
Large white			$\checkmark\checkmark\checkmark$	$\checkmark\checkmark\checkmark$	$\checkmark\checkmark\checkmark$	$\checkmark\checkmark\checkmark$	$\checkmark\checkmark\checkmark$	$\checkmark\checkmark\checkmark$	✓	Widespread & common
Small white			$\checkmark\checkmark\checkmark$	√ √√		√ √√	√ √√	$\checkmark\checkmark\checkmark$		Widespread & common
Green veined white			√ √	✓	$\checkmark\checkmark$	√ √√	√ √√			Widespread & common
Brimstone		$\checkmark\checkmark\checkmark$	$\checkmark\checkmark\checkmark$	√ √√	$\checkmark\checkmark\checkmark$	√ √√	√ √√	$\checkmark\checkmark\checkmark$		Widespread & common
Orange tip			$\checkmark\checkmark\checkmark$	VV	$\checkmark\checkmark\checkmark$					Widespread & common
Small copper				✓	✓		✓			Widely distributed – but not abundant
Common blue				✓		✓	✓			Widespread & fairly common
Holly blue			$\checkmark\checkmark\checkmark$	VV	$\checkmark\checkmark\checkmark$	✓				Widespread & common
Red Admiral	✓	$\checkmark\checkmark\checkmark$			$\checkmark\checkmark\checkmark$	√ √√	√ √√	$\checkmark\checkmark\checkmark$	✓	Widespread & common
Painted lady					$\checkmark\checkmark$	✓	✓	✓		Common migrant
Small tortoiseshell		$\checkmark\checkmark\checkmark$	√ √√		$\checkmark\checkmark\checkmark$	√ √√	$\checkmark\checkmark\checkmark$	√ √		Widespread & common
Peacock		$\checkmark\checkmark\checkmark$	√ √√	✓		√ √√	$\checkmark\checkmark\checkmark$			Widespread & common
Comma			$\checkmark\checkmark\checkmark$	√ √	$\checkmark\checkmark$	√ √√	$\checkmark\checkmark\checkmark$	$\checkmark\checkmark\checkmark$		Widespread & common
Speckled wood				√ √√	✓	√ √	√ √√	√ √√		Widespread & fairly common
Gatekeeper						√ √√	$\checkmark\checkmark\checkmark$			Widespread & common
Meadow brown					$\checkmark\checkmark$	√ √√	$\checkmark\checkmark\checkmark$			Widespread & common
Ringlet						√ √√				Widespread & common
Small heath				✓			√ √			Widespread but localised
Fritillary, unknown species						✓	✓			Uncommon
2 /										
Not seen in Abington 2015										
Clouded yellow										Regular migrant
Essex skipper										Widespread & common
Large skipper										Widespread & common
Dingy skipper										Localised and rare
Grizzled skipper										Localised and scarce
Green hairstreak										Uncommon
White-letter hairstreak										Widely distributed – rarely seen
Purple hairstreak										Widespread & common – rarely seen
Black hairstreak										Vulnerable
Brown argus										Widespread but local
Chalkhill blue					1					Rare
Small blue										Extremely scarce
Marbled white										Uncommon
Wall										Previously common, now rarely seen

III. Bees

Bumble bees were reported from March onwards but in much smaller numbers than in previous years; this reflects the national situation. Bees, especially bumble bees, were very active on the warm spring days but the erratic weather patterns meant that they did not always have the right food plants in flower. Better identification of the different kinds of bumble bees is needed as these are so important for our plant life.

There were honey bees but relatively few all through the summer.

IV. Dragonflies and Damselflies

A reasonable year for dragonflies and damselflies of several species were reported through to September. This year there were fewer banded demoiselles reported at their usual haunt on the river by the Millennium footbridge. Several reports of Southern hawker dragonflies received, with photographs of the unusual transition from larva to adult.

See http://www.british-dragonflies.org.uk/content/biology-ecology.

V. Ladybirds

Very few ladybirds reported at all during the spring and summer but more in autumn including a few harlequins.

VI. Moths

Seven members reported seeing the hummingbird hawk moth from June to September. Numbers seem to be increasing.

We were not able to have any moth evenings this year. The first, in May, was cancelled due to very wet weather. The second, due to be in August, had to be cancelled for family reasons.



77: Harlequin ladybird, Church La – 30 Mar (PJB)

These moth nights take a lot of organising and a lot of work afterwards.

VII. Other

Six members reported seeing the curious bee-flies so it is good to know that members are becoming more familiar with them.

VIII. Outings

We arranged three outings (one cancelled) with insects as the main interest:

Wicken Fen in June

Devil's Dyke in July (cancelled due to bad weather and lack of support).

Roman Road west of Worsted Lodge in August

Full details of outings are in Section 8.

Jennifer Hirsh 27 January 2016

7. FLORA

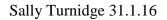
We had another outing to the Beech Wood in May. It was a little early but we saw that the Helleborines were plentiful and perhaps spreading into a few more places than we had noticed before. We had a good number of participants and they enjoyed the visit. See next section 8.II.i.

Our second outing was planned for the end of July to include looking for Chalkhill Blue butterflies on the Devil's Dyke. Unfortunately this had to be cancelled because of bad weather. I had been to the Dyke earlier to see what it was like; I recorded 22 species of flowers including plenty of lizard orchid, though these were by now just plants, with no flowers. Late May or early June would be best for them another year.

The Bourn Bridge road verges have been quite interesting over the last year, but I found no plant of wild Basil in 2015. Toadflax was also not evident in the actual verge but was growing very well in the hollow behind the verge where the grass from the mowing had been put. There was a good display of Chicory near the crossing point for the tractors. I was not sure if this was truly wild or perhaps introduced with the new use for the fields.

Patrick Daunt identified a thistle in the field between Church Lane and Cambridge Road. At the time he said it was new to the list of plants in the Abingtons. He said it was *Cirsium acaule* that he had called picnic thistle. Two books in our shelves call it dwarf thistle and ground thistle. Since we no longer have horses in the field it seems to be increasing.

December 2015 was unusual, Cowslips in flower in a wildlife garden, Primroses in several places. Granta Park had Snowdrops and Aconites, these too were reported elsewhere. Dog Violets were also seen in flower. Hopefully all will continue into spring.





78: Snowdrops, Southern Wood, Granta Park – 7 Mar (PJB)



80: Celandine, Rec Ground – 20 Mar (JAH)



79: Snowdrops, Southern Wood, Granta Park – 7 Mar (PJB)



81: Violets, Rec Ground – 20 March (JAH)



82: Cowslip, Church La – 30 Mar (PJB)

Roman Road outing



83: Roman Road, W of Worsted Lodge – 1 Aug (DF)



84: Cowslip, Roman Road – 5 Apr (JAH)



85: Ground Ivy, Roman Rd - 5 Apr (JAH)

8. VISITS OUT OF THE ABINGTONS

I. Bird Outings

Derek organised two trips, primarily to see birds.

i. Outing to Fen Drayton Lakes – 28th February 2015

We met at Trumpington to travel on the Guided Busway 09:42 Bus and were met by RSPB Volunteer Guide John Harding. We walked round the site and were rewarded with the following sightings:

Blackbird	Great Crested Grebe
Blackheaded Gull	Great Tit
Blue Tit	Grey Heron
Canada Goose	Greylag Goose
Carrion Crow	Jackdaw
Chaffinch	Lapwing
Common Gull	Lesser Blackbacked Gull
Coot	Little Egret
Cormorant	Magpie
Gadwall	Mallard
Glossy Ibis	Moorhen
Goldeneye	Mute Swan

Oystercatcher Pochard Redcrested Pochard Shelduck Shoveler Sparrowhawk Teal Tufted Duck Wigeon Woodpigeon

34 species in all.

ii. Outing to Lakenheath Fen Saturday 11th July 2015

On 11th July, 10 of us visited RSPB Lakenheath Fen where we were made most welcome and were given an introductory talk on the current situation there. 41 species were noted, of which four were only heard. The highlight was a protracted view of a Bittern flying over the reed-beds, seen by all.

Bearded Tit Bittern (extended view of Bittern in flight over reed beds) Blackheaded Gull Blue Tit Carrion Crow Cetti's Warbler (H) Chaffinch Common Tern Coot Cormorant Goldfinch Great Crested Grebe Great Spotted Woodpecker Great Tit Greenfinch Grey Heron Greylag Jay Kestrel Kingfisher Little Egret Longtailed Tit Magpie Mallard Marsh Harrier Moorhen Mute Swan Pheasant (H) Pied Wagtail Reed Bunting Reed Warbler (H) Sedge Warbler Shoveler Sparrowhawk Stock Dove (H) Swallow Swift Tufted Duck Whitethroat Woodpigeon Wren

41 bird species. Those marked (H) heard only.



86: Fen Drayton outing – 28 Feb (JAH)



87: Wicken Fen outing – 27 June (DF)

II. Insects & Flora Outings

Jennifer organised four outings (one cancelled) to see flora, butterflies, dragonflies, damselflies – birds were also seen on some of these outings.

i. May 28th – The Beech Wood

Twelve members of the group had an enjoyable evening in this wood at the bottom of the Gog Magog Hills near Wandlebury. We went to see the rare white helleborines which only occur in beech woods; this was again a very good spring for these small flowering plants which are related to orchids. It was a very beautiful sunny May evening. Several visits to the wood are necessary before an evening can be arranged in order to check that the helleborines will be in flower when we go.

ii. June 27th – Wicken Fen

This was on a Saturday morning mainly to see the dragonflies and damselflies for which the Fen is renowned. We were blessed with a lovely June morning, just the right weather and time of day for these insects, and ten members and two grandchildren came.

We were fortunate that an expert from the British Dragonfly Society talked to us at the start about the life cycle of dragonflies and how to differentiate between some of the blue damselflies.

Then we walked round the Fen on the boardwalk and saw many dragonflies and damselflies at close quarters in their exquisite colours. Some excellent photographs were taken.

A lot of birds were seen on this visit too and some lovely fenland flowers including marsh orchids.

iii. July 24th – Devil's Dyke

This outing had to be cancelled due to bad weather and lack of support.

iv. August 1st – Roman Road – West of Worsted Lodge

Seven members enjoyed lovely weather with sunshine, warmth and a very light wind – ideal for seeing butterflies. We also saw lots of wild flowers, more than 40 different ones.

They saw 8 different butterflies altogether including at least 8 Chalkhill Blues and 1 Painted Lady. The Chalkhill Blues have only recently established on this part of the Roman Road. A good Painted Lady year had been predicted, with lots migrating from further south in Europe, but we saw very few. Other more common butterflies were: Brimstone, Peacock, Large White, Meadow Brown, Gatekeeper and Small Skipper.



88: Chalkhill Blue, Roman Road – 1 Aug (DF)



89: Painted Lady, Roman Road – 1 Aug (DF)



90: Blue-tailed damselfly, Wicken Fen – 27 June (BMB)



92: Blue-tailed damselfly, Wicken Fen – 27 June (BMB)



91: Azure damselfly, Wicken Fen – 27 June (BMB)



93: Small skipper, Wicken Fen – 27 June (BMB)



94: Four-spotted chaser dragonfly – 27 June (BMB)



95: Four-spotted chaser, Wicken Fen – 27 June (BMB)



96: Marsh orchids, Wicken Fen – 27 June (BMB)



97: Flag Iris, Wicken – 27 June (JAH)

9. WORKING WITH CPERC

We continue to contribute some records to CPERC (Cambridgeshire & Peterborough Environmental Records Centre). We have been focusing on those native species which are in decline and also the undesirable non-native species, that is:

Native species in decline: Otter, Water Vole, Bats, Brown Hare, Adder, Grass Snake, Common Lizard, Slow Worm, Great Crested Newt, Common Toad, Common Frog, Scarce Chaser Dragonfly, Wall Brown butterfly, Kingfisher, Barn Owl

Invasive non-native species: Himalayan Balsam, Japanese Knotweed, Floating Pennywort, Parrot's Feather, Giant Hogweed, Creeping Water Primrose, New Zealand Pigmyweed, Muntjac deer, American Mink, Chinese Water Deer

This year's Record highlights the above species in red.

More details and pictures were published in the Abington Naturewatch Record for 2012.

Reports to CPERC need the species name, date and place (6 digit grid reference). For more information, please refer to the CPERC website <u>www.cperc.org.uk</u>; you may also submit records online on the website.



Jennifer Hirsh has been reporting sightings in Abington, and in 2015 was advised of these (number of sightings in brackets)

I. Native (declining) species

Mammals	-
Amphibians	-
Birds	Kingfisher (3), barn owl (2)
Invertebrates	-

II. Non-native invasive species

Plants	-
Mammals	-

10. GRANTA PARK – WILDLIFE SUMMARY 2015

I. Introduction

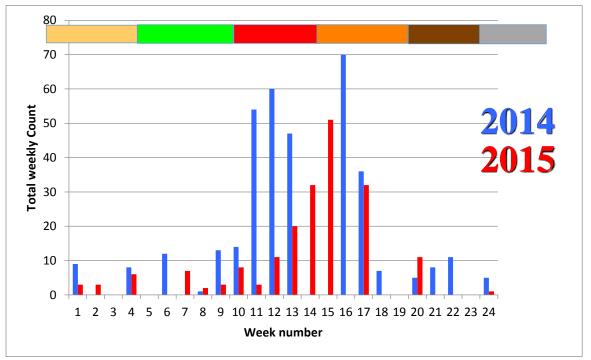
Over the last few years more effort has been concentrated towards the wildlife on Granta Park. Staff from across the Park have joined in and benefited from events held by The Wildlife Trust as well as more informal arrangements.

During 2015, staff based on the Park were encouraged to report what they saw on their lunchtime walks and this in turn was filtered back to Abington Naturewatch via several volunteers we have in place.

II. Butterflies - Granta Park Butterfly Species List 2015

Small/Essex Skipper	Large Skipper
Brown Argus	Common Blue
Brimstone	Small White
Large White	Green Veined White
Small Tortoiseshell	Red Admiral
Peacock	Comma
Gatekeeper	Small Heath
Speckled Wood	Meadow Brown
Ringlet	(Six Spot Burnet)
(Cinnabar)	
Large White Small Tortoiseshell Peacock Gatekeeper Speckled Wood Ringlet	Green Veined White Red Admiral Comma Small Heath Meadow Brown

The species list does not indicate the low numbers and short season experienced in 2015. The effects are illustrated in the graphs, below, which compare the total weekly butterfly transect counts on The Park, during 2014 and 2015.



98: Butterfly Count, Granta Park – 2014/15 (MG)

Mike Gittos January 2016

III. Wildflowers (list compiled by Sheila Stevens, TWI)

Aconite, winter Agrimony Angelica, wild Aquilegia vulgaris Avens, wood Balsam, Indian Bedstraw, ladies Bedstraw, hedge Bellflower, nettle-leaved Betony Bindweed, black Bindweed, field Bindweed, hedge Bird's-foot trefoil, common Borage Brooklime Bryony, white **Bugloss** Bugloss, viper's Burdock, lesser Burnet, salad Buttercup, creeping Campion, bladder Campion, pink Campion, white Carrot, wild Cat's ear Celandine, greater Celandine, lesser Centaury, common Chickweed, common Cleavers Clover red Clover, white Comfrey, common Cowslip Crane's-bill, meadow Cuckoo flower Cudweed, common Daisy Daisy, ox-eye Dandelion, common Dead nettle, red Dead nettle, white Dead-nettle, henbit Dock, wood Dock, curled Fat-hen Figwort, water Fleabane, blue Fleabane, Canadian Fluellen, sharp-leaved

Forget-me-not, wood Foxglove Fumitory, common Goat's beard Goosefoot, red Ground ivy Groundsel Groundsel, sticky Gunnera tinctoria Hawk's beard, beaked Hawkbit, lesser Hawkweed, mouse-ear Hemlock Herb-Robert Hogweed Horehound, black Iris, vellow Knapweed, common Knapweed, greater Knotgrass Lady's-mantle Lettuce, prickly Loosestrife, purple Loosestrife, yellow Lords-and-ladies Madder, field Mallow, common Mallow, dwarf Mallow, musk Marjoram, wild Marsh marigold Mayweed, pineapple Mayweed, scentless Medick, black Medick, spotted Mercury, dog's Melilot, ribbed Mignonette, wild Mouse-ear, common Mugwort Mullein, dark Mullein, great Mustard, garlic Mustard, hedge Nettle, common Nightshade, black Orchid, bee Orchid, pyramidal Oxtongue, bristly Pansy, field Parsley, cow Parsley, upright hedge

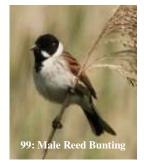
Pimpernel, scarlet Plantain, hoary Plantain, ribwort Poppy, common Poppy, opium Ragged-robin Ragwort, common Ragwort, hoary Rattle, yellow Redshank Sainfoin Saxifrage, meadow Scabious, field Scabious, small Sedum acre Selfheal Snowdrop Sow-thistle, prickly Sow-thistle, smooth Speedwell, common field Speedwell, germander Speedwell, ivy-leaved Speedwell, slender Speedwell, thyme-leaved Speedwell, wall Spurge, petty Star-of-Bethlehem St John's wort, perforated Stachys byzantina Stork's bill, common Tansy Teasel, small Teasel, wild Thistle, creeping Thistle, welted Thistle, spear Thorn apple Toadflax, common Tormentil Vervain Vetch, common Vetch, kidney Vetch, tufted Violet, sweet Water-cress Weld Willowherb, broad-leaved Willowherb, great Willowherb, hoary Winter-cress Yarrow

IV. Granta Park Bird Summary: 2015

Many thanks to all those on Granta Park who contributed their sightings throughout the year. A total of 75 bird species were recorded in 2015, nine of which were not reported last year.

January: Large flocks of Redwing (30-100+) were reported throughout the month, with 20-80 Fieldfare seen feeding on the snow-covered cricket green. Barnacle Geese were also regularly seen on the cricket green, as were small flocks of Black-headed Gull, joined by a single Common Gull on 8th. A Little Egret was spotted along the river, and a **Kingfisher** was seen on 20th. Canada Geese, Mallard and Moorhen were reported on the lake early in the

month, and Meadow Pipit (23), Pied Wagtail (41) and Reed Bunting (30) were reported roosting in the reedbed. Buzzard and Kestrel were seen flying overhead, as were 13 Golden Plover on 12th. In the woods, regular mixed flocks of Great, Blue and Long-tailed Tit were occasionally accompanied by Coal Tit, Treecreeper and Goldcrest. Green Woodpecker, Great Spotted Woodpecker and Jay were regularly seen, as was an occasional Chiffchaff. Small flocks of Goldfinch, Chaffinch and Greenfinch, as well as 30 Linnet, were seen feeding on the rough grassland.

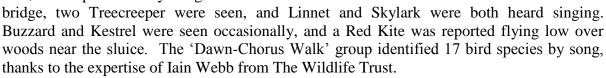


February: A juvenile Mute Swan was seen on the lake, as were Canada Geese, Barnacle Geese, and small numbers of Mallard. A single Great Crested Grebe returned on 17th and Reed Bunting continued to roost in the reedbed. Fieldfare (~50) were seen feeding alongside Starling on the cricket green, and 10-35 Redwing were reported in the yew trees behind Abington Hall. Mixed Tit flocks were often seen, with Great Tit heard calling '*teacher*, *teacher*', and a pair of Coal Tit and a Goldcrest were spotted several times. A flock of 20 Linnet was seen on waste ground, and Mistle Thrush, Song Thrush and Blackbird were regularly heard singing. A Green Woodpecker was often seen feeding alongside the permissive footpath, and a Great Spotted Woodpecker was heard drumming. A **Barn Owl** was observed hunting one evening (23rd), 1-2 Buzzard were regularly heard, and a single Kestrel was reported. Jay, Pheasant and Stock Dove were also seen.

March: Fieldfare (100+) and Redwing (10-30) were reported until 16th and 26th, respectively. Great Tit, Blue Tit and Long-tailed Tit were observed more frequently as pairs now, Chiffchaff were heard from mid-month, and Mistle Thrush and Song Thrush were regularly reported singing from high trees. Greenfinch and Bullfinch were seen occasionally in the woods, as were Goldcrest and Treecreeper. Great Spotted and Green Woodpeckers were regularly heard. A single Great Crested Grebe was often seen on the lake, as were a few Mallard, with a juvenile Mute Swan and 2-4 Canada Geese seen occasionally. Small numbers of Reed Bunting continued to be observed in the reed-bed, and a single Little Egret was seen in the field behind Abington Hall. Buzzard could regularly be heard overhead, and a Kestrel was reported on several occasions. Two Stock Dove were recorded near the footbridge, and up to ten Magpie seen in the fields near the river.

April: The summer visitors started to arrive with a Whitethroat seen on 14th and 22nd, a Willow Warbler heard on 16th, and Chiffchaff and Blackcap regularly reported throughout the month. The first House Martin was seen over the lake on 14th, as were the first two Swallow on 20th. A juvenile Mute Swan remained on the lake, along with three Greylag and two Canada Geese. Moorhen were seen displaying territorially and the single Great Crested Grebe was joined by a second on 28th. An adult and a young Grey Heron were observed fishing along the lake edge, and a Coot was reported. Blue Tit and Great Tit were regularly reported, with Coal Tit and Long-tailed Tit seen more occasionally, as were Jay, Treecreeper, Goldcrest and small flocks of Linnet. Seven Red-legged Partridge were reported in the field near the permissive footpath. A Red Kite was spotted and Buzzard, Kestrel and a Sparrowhawk were also reported.

May: A Reed Warbler was heard, and occasionally seen, singing from the reeds throughout the month, and 1-2 Spotted Flycatcher were seen in oak trees near the lake. A male Reed Bunting was also occasionally seen. House Martin were regularly reported over the lake, as were smaller numbers of Swallow and Swift. Blackcap and Chiffchaff continue to be regularly reported, and flocks of up to 18 Long-tailed Tit were seen around the sluice. Both Blue Tit and Jackdaw were seen feeding young, and on the lake the Great Crested Grebe pair was spotted 'head-shaking'. A Grey Heron was regularly seen fishing around the lake, and a pair of Grey Wagtail was seen near the sluice. Near the



June: Of the summer visitors, Chiffchaff and Blackcap were regulars, as were small numbers of Swift (6), Swallow (2) and House Martin (15), the latter occupying at least eight nests across the site. Both Blackcap and Grey Wagtail were spotted carrying food, and a pair of Spotted Flycatcher was also reported to be nesting in the oak trees. A Kestrel was reported at its nest, in which at least one downy chick could be seen. A Hobby was spotted, as were Sparrowhawk and Red Kite. On the lake, up to 15 Canada Geese including six goslings were regularly seen, along with a single Greylag Goose, and the Great Crested Grebe pair were again observed 'head-shaking'. A Moorhen with small chicks was reported on the lake, along with two adult Mute Swan, 20-40 Mallard and a pair of Tufted Duck. A **Kingfisher** was seen briefly near the footbridge on 17th, and Grey Heron were regularly spotted along the river. Flocks of up to 15 Long-tailed Tit were seen in the woods, and both Great Tit and Pied Wagtail were seen feeding young.

July: Two families of Canada Geese were seen regularly on the lake, along with an occasional Greylag Goose, and a Moorhen with two chicks was regularly reported. A single

Great Crested Grebe was regularly seen fishing, but with no sign of any young. A family group of three Spotted Flycatcher was seen in the oak trees, with at least one juvenile seen being feed. An adult Dunnock was also seen feeding fledged young. House Martin (up to 30) were regularly seen, and a group of 15 Swift was observed screaming above the bowling green. Chiffchaff could regularly be heard singing throughout the month, whereas Blackcap were only seen early on. Occasional sightings of Treecreeper, Stock Dove and Linnet, and a Buzzard and a Red Kite were spotted being mobbed by corvids over the woods.



August: A single Common Sandpiper was reported flying around the lake on 3rd. Canada Geese (12-17) continued to be seen regularly, with numbers swelling to 50 at one stage. The flock was also joined by 15 Barnacle Goose on several occasions. A single Great Crested Grebe was regularly reported, as were up to 40 Mallard and three Moorhen, and a **Kingfisher** was spotted upstream of the footbridge. A few Swallow and up to 60 House Martin were seen regularly, with a few Swift last being reported on 25th. A Whitethroat was seen in scrub near the footbridge, and two family groups of Spotted Flycatcher (totalling 8) were spotted. A Cormorant was seen flying overhead, as was a group of 30 Herring Gull. A flock of around 40 Goldfinch, including many juveniles was reported, and 25 Long-tailed Tit were observed near the sluice, along with Coal Tit, Goldcrest and a single Bullfinch.

September: A male Redstart was seen in small trees near the sluice, and a female Pied Flycatcher was spotted amongst a mixed Tit flock, along with a Chiffchaff, a female Blackcap and a Goldcrest. Chiffchaff and Robin could again be heard singing, and a single

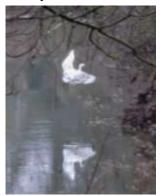


Kingfisher was heard on 23rd. House Martins were regularly seen until 26th, with a large flock of 250-300 observed gathering around one of the buildings on 11th. Swallow (4-8) seen feeding low over the cricket green, were last reported on 23rd. A single female Tufted Duck was spotted on the lake, as were 11-15 Barnacle Geese, up to 29 Canada Geese, a Greylag Goose and 1-2 Mute Swan. The single Great Crested Grebe continued to be well reported, as were up to 60 Mallard, mostly near the end of their eclipse. Up to 40 Pied Wagtail were seen feeding on the cricket green, as were 30-50 Starling, and a flock of 35 adult and juvenile Goldfinch was seen on the birdfeeders. A pair of Cormorant was reported flying over.

October: Redwing were first seen on 7th, then reported regularly from mid-month. In the woods, small flocks of Great, Blue, Coal and Long-tailed Tit were joined by an occasional Chiffchaff, Goldcrest and Treecreeper. Jay were often spotted carrying acorns and up to 30 Goldfinch were seen feeding on thistle-heads. Large flocks of Mallard (up to 130) were seen on the lake, along with a Great Crested Grebe until 16th, and single sightings of a Mute Swan and a Canada Goose. On the river, a **Kingfisher** was seen on 22nd, a Little Egret on 23rd and a Grey Wagtail was reported twice. Small flocks of Starling, Pied Wagtail and Meadow Pipit were observed feeding on the cricket green, as was a regular flock of 15 Barnacle Geese. A female Sparrowhawk was spotted on 12th, and up to four Buzzard and a Kestrel were regularly seen, once observed being mobbed by Jackdaw.

November: Redwing (up to 15) continued to be regularly seen in the yew trees behind

Abington Hall, with Fieldfare (7) first reported on 23rd. A male Gadwall was spotted on 6th in amongst the regular large number of Mallard (up to 130) on the lake. A Little Egret was spotted on 30th, as was a **Kingfisher** near the bridge. In the woods, there were regular reports of mixed Tit flocks, which occasionally contained single Goldcrest and Treecreeper. Flocks of up to 50 Black-headed Gull were seen on the cricket green, often with up to 30 Starling, and an occasional Common Gull. Four Meadow Pipit were also reported. A female Kestrel was observed hunting, and a male Sparrowhawk was seen flashing passed in the woods. Both Great



102: Little Egret

Spotted and Green Woodpecker were occasionally reported, as were Linnet and Jay.

December: A murmuration of 250 to 800 Starling were regularly seen over the lake around dusk as they gathered prior to roosting in the reedbed. On the cricket green, 15 Barnacle Geese were often joined by a flock of around 30 Black-headed Gull, which often contained 2-4 Common Gull, as well as an occasional Lesser Black-backed Gull. A Grey Wagtail was seen along the river, as were 1-2 Grey Heron, and up to 160 Mallard and six Moorhen were reported on the lake. Small numbers of Redwing were occasionally seen, as were 1-2 Mistle Thrush. A few Goldcrest were spotted in amongst flocks of mixed Tit, small flocks of Goldfinch (15) and Linnet (7) were seen on scrubby waste ground, and a Buzzard and a male Kestrel were also reported.

The table below indicates the <u>number of occasions</u> each bird species was reported, by month – the darkness of the blue shading represents the relative number of reported sightings. The pale red shading in the first column indicates those species seen in 2015, but not reported in 2014. Contributors: Jerry Lanfear, MedImmune, Andy Merryweather, Gareth Rees, Stephen Roughley, Mat Sleeman, Hayley Smith, Jez Smith, Tracy Thomas, Iain Webb.

Provided by Andy Merryweather, MedImmune, January 2016

Total 75 Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Barn Owl		1								_	_	_	1
Barnacle Goose	7 11	75		1	1			2	12	5	7 4	5	45 34
Black-headed Gull Blackbird	11	5 10	4 25	1 21	1 19	18	3	3	6	<u>2</u> 9	4	6 6	34 142
Blackcap	15	10		<u>- 21</u> 18	19	20	$\frac{3}{2}$	5	0	9	/	0	59
Blue Tit	17	9	27	22	18	19	7	6	18	12	6	4	165
Bullfinch			2		10	1/		1	1		v	•	4
Buzzard	4	5	11	8	5	6	1	3	11	7	2	2	65
Canada Goose	3	4	6	4	3	20	15	6	12	2			75
Carrion Crow	12	6	21	14	15	13	11	6	12	12	5	4	131
Chaffinch	12	11	23	12	12	10	1	1	2	3	2	2	91
Chiffchaff	2		6	18	15	18	5		5	2			71
Coal Tit	2	1		1				1	1	4			10
Collared Dove				1	1	1							3
Common Gull	1							_			1	4	6
Common Sandpiper				2				1					1
Coot				2 1				1	2				2 4
Cormorant Dunnock	1	6	4	8	4	2	1	1	2	4	1		4 31
Fieldfare	9	7	6	0	4	4	1			4	2		24
Gadwall	,	/	U								1		1
Goldcrest	2	3	1	1		1		1	1	3	3	2	18
Golden Plover	1	5	-			-		-	-	5			1
Goldfinch	11	9	18	16	14	20	11	8	13	12	6	6	144
Great Crested Grebe		3	10	10	11	15	4	3	15	7			78
Great Spotted Woodpecker	7	5	10	8	4	7	2	3	8	5	3	2	64
Great Tit	17	12	28	23	8	8	5	2	14	13	3	6	139
Green Woodpecker	10	8	25	18	9	13	9	5	11	11	5	1	125
Greenfinch	2	6	4	7	2	1	1			1	1	1	26
Grey Heron	3	2	6	8	9	12	3	3	9	8	4	6	73
Grey Wagtail					1	4				2		2	9
Greylag Goose				2		18	2		1				23
Herring Gull			1				1	1	1				4
Hobby						1							1
House Martin				2	12	20	14	8	16				72
House Sparrow					1				1				2
Jackdaw	20	11	28	21	20	19	6	6	18	13	7	6	175
Jay	4	4	4	4	3	8	3	1	8	10	2		51
Kestrel	1	4	5	2	3	7		2	-	6	2	1	33
Kingfisher Lesser Black-backed Gull	1		1			1		1	1	1	1	2	6 3
Linnet	2	1	1	4	4	2	4	2	1		1	1	22
Little Egret	$\frac{2}{3}$	1	1	4	4		4	4	1	1	1	1	6
Long-tailed Tit	10	3	15	9	9	9	2	1	11	5	5	3	82
Magpie	13	10	19	12	11	14	7	5	15	13	5	6	130
Mallard	13	10	23	14	18	22	15	7	24	14	7	7	174
Meadow Pipit	2									2	1	1	6
Mistle Thrush		4	10	7	7	4		1	1	1	3	1	39
Moorhen	11	10	13	9	12	9	11	6	17	13	5	6	122
Mute Swan		1	3	4		10			2	1	1		22
Pheasant		1	5	7	2								15
Pied Flycatcher									1				1
Pied Wagtail	12	8	15	18	18	17	6	6	15	10	7	7	139
Red Kite				2	3	3	1	1					10
Red-legged Partridge				3									3
Redstart	-	10	-						1		-		1
Redwing	9	10	8	1	2					6	5	3	41
Reed Bunting	1	2	4	1	2 11					2	1	1	14 11
Reed Warbler Robin	17	11	29	18	11	13		4	19	14	3	3	11 147
Rook	17	5	<u> </u>	<u>18</u> 9	10 6	13	3	4	<u>19</u> 7	14	<u> </u>	5	86
Skylark		5	14	,	2		5	5	,	12	-	5	3
Song Thrush	3	5	7	8	10	8	1		3	4	3		52
Sparrowhawk		~		1		2	-			1	1		5
Spotted Flycatcher	t		1	_	3	4	2	3	1				12
Starling	12	8	9	9	14	11		1	5	6	6	9	90
Stock Dove	1	1	8	4	5	2	2	2	5			1	31
Swallow				4	5	4		4	6		L		23
Swift					8	11	12	3					34
Treecreeper	1		3	1	3		2		2	4	2		18
Tufted Duck						1			2				3
Whitethroat	ļ			2		<u> </u>		1			<u> </u>		3
Willow Warbler				1									1
Woodpigeon	15	10	26	21	17	22	14	6	18	9	4	6	168
Wren	15	8	22	22	16	17	8	2	6	6	4	3	129
Total Reports	23	15	33	28	26	28	17	13	28	15	9	10	3655

V. Granta Park events with The Wildlife Trust during 2015

i. 1^{st} May

At the beginning of May, Iain Webb from The Wildlife Trust, met a group of Granta Park staff and a few members of Abington Naturewatch for a Dawn Chorus Walk followed by breakfast at the Discovery Café. During the walk Iain helped us identify the beautiful calls we heard walking through the woods and alongside the River Granta.

Bird species heard during the walk (list compiled by Andy Merryweather)

Blackbird Blackcap	highly melodious, varied, mellow, more often heard at dawn and dusk rich, undulating, fluty - "scratchy at first then ending melodiously" alarm call 'tacc tacc' – "like two pebbles knocking together"
Blue Tit	agitated, urgent, high-pitched 'tsee, tsee'
Bullfinch	very quiet, 'phew phew'
Chaffinch	descending 'chip chip choee choee' -"falling down the stairs"
Chiffchaff	as per its name, 'chiff chaff' repeated
Goldfinch	liquid, rambling, tinkling twitter
Gt Sp Woodpecker	loud, staccato, 'tchuck, tchuck'; reminiscent of a Blackbird's alarm call
Great Tit	two syllable 'teacher, teacher'
Green Woodpecker	loud, 'laughing' yaffle
Jackdaw	loud, metallic 'tchack, tchack' (or Jack! Jack!)
Long-tailed Tit	excitable, squeaky, twittering 'tsee tsee'
Mistle Thrush	simple, loud, fluty, far-reaching song, often from treetops
Robin	melodious, warbling, thin, slightly mournful, song
Song Thrush	rich, throaty, variety of fluty motifs, each phrase repeated 3-4 times
Treecreeper	very high-pitched, quiet, 'tsee tsee tsee'
Wren	loud, trembling, "energetic burst of song, ending in a trill"

Species also seen, but not heard

Buzzard	Jay
Linnet	Magpie
Mallard	Moorhen
Pied Wagtail	Rook
Starling	Stock Dove
Woodpigeon	

ii. June

During June Iain returned to the Park to lead our **Annual Bat Safari**. The bats put on a great display. The bats we saw and heard were Soprano Pipistrelle and Common Pipistrelle in the woods and Daubenton's over the river and lake.

iii. **17th July** (see pictures on page 20)

Mid July we held a lunchtime Plant ID and Bug Hunt. Iain first led a session for the children from the nursery and then he held a session for staff based on the Park as well as a few from Abington Naturewatch. Both children and adults had great fun using the sweep nets and bug boxes. Iain's enthusiasm and expert knowledge was wonderful as always.

With his help, we noted the following bugs: Crab Spider, Leaf Beetle, Speckled Bush Cricket, Froghopper, Sawfly larvae, Meadow Damsel Fly, Flea Beetle, Summer Chafer, Robber Fly. A few examples of bugs are shown overleaf.

Plants included Ladies' Bedstraw, Wild Carrot, Betony, St John's Wort & Scarlet Pimpernel.

It was a beautiful summer day and we also saw lots of butterflies: 4 Commas on one tree, Peacocks, Meadow browns, Gatekeepers, a Brimstone & many Large whites.

iv. 6th October

Peter Walker, from The Wildlife Trust, returned to Granta Park to lead our annual fungi foray. This is a list of species seen:

SCIENTIFIC NAME	COMMON NAME	<u>NOTES</u>			
Agaricus xanthoderma	Yellow Staining Mushroom	Not Good to Eat			
Armillaria Species	Honey Fungus Rhizomorphs	On logs			
Auricularia auricula-judae	Wood Jelly Ear	On dead Elm			
Auricularia mesenterica	Tripe Fungus	On dead Elm			
Clitocybe fragrans	Fragrant Funnel	Scented smell			
Collybia maculata	Spotted Tough Shank	Large ring found			
Coprinus micaceus	Glistening Ink Cap	Tufted at base of stump			
Ganoderma australe	Artists Bracket	On Stump			
Hebeloma crustuliniforme	Poison Pie	Poisonous			
Hebeloma Sacchariolens	Sweet Poison Pie	Sweet Smell			
Hypholoma fasciculare	Sulphur Tuft	On rotting log			
Lepista flaccida	Tawney Funnel	Trooping under shrubs			
Lycoperdon Pyriforme	Stump Puff Ball	On Logs			
Meripilus gigantea	Giant Polypore	On rotting stump			
Mycena arcangeliana	Angels Bonnet Trooping	On wood			
Mycena galericulata	Common Bonnet	On fallen branches			
Mycena Inclinata	Clustered Bonnet	Orange brown stipe (stem)			
Mycena olida	Rancid Bonnet Small white solitary	On mossy logs			
Mycena pura	Lilac Bonnet	On soil			
Mycena pura var rosea	Rosy Bonnet	On soil			
Mycena speirea	Bark Bonnet	On mossy Bark			
Paxillus involutus	Brown Roll Rim	Under Birch Tree			
Rhodatus palmatus	Wrinkled Peach	Scarce on Elm			
Stropharea caerulea	Blue Round Head / Verdigris fungus	On rotten wood			
Tricholoma Atrosquammosum	Dark Scaly Knight	In grass under trees			

List compiled by Peter Walker



103: Fungi Foray, Granta Park – 6 Oct (TT)



105: Fungi Foray, Granta Park – 6 Oct (TT)



104: Fungi Foray, Granta Park – 6 Oct (TT)



106: Fungi Foray, Granta Park – 6 Oct (TT)

11. CONTACT INFORMATION

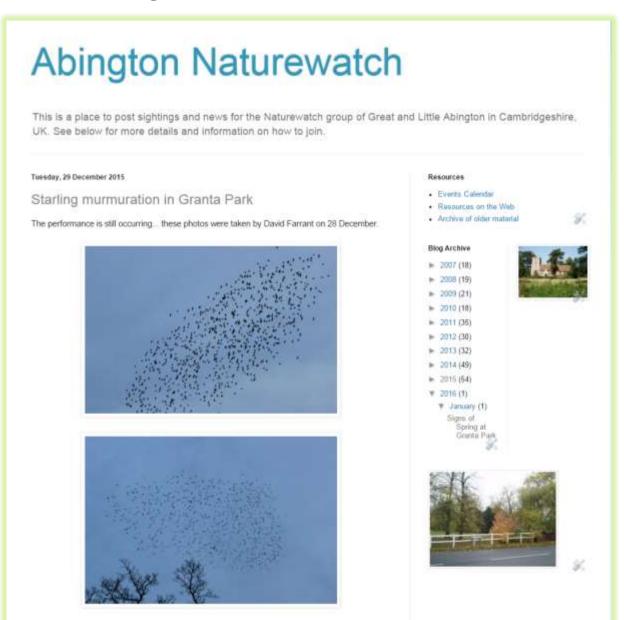
I. The Abington Naturewatch Website

The Abington Naturewatch Website is maintained as a *blog* (i.e. web log) at <u>http://abington-naturewatch.blogspot.com/</u>. It is also easily reached from the village web-site: <u>http://www.theabingtons.org.uk/</u>. Using a blog means that it is simpler to publish material in diary form.

The site lists the aims of the group and has details of members' meetings. Those interested are encouraged to join – there is no membership fee! Members receive personal invitations to meetings, by email if available.

There is a link to a simple Google map of the area, with the names we use to refer to some parts of the area covered. There are also reports and photographs submitted by members and some useful links to other sources of information.

Naturewatch Home Page:



II. The Abington Naturewatch Project Team and Sectors

i. Programme Coordinator (and Membership Secretary)

David Farrant, 9 Bourn Bridge Road, Little Abington;

ii. Rivercare, Website & Record

Peter Brunning, 47 Church Lane, Little Abington

iii. Birdwatch

Derek Turnidge, 23 Cambridge Rd, Little Abington

iv. Amphibians & Reptiles

Anne Dunbar-Nobes, 41 South Road, Great Abington

v. Insects Jennifer Hirsh, 34 High Street, Little Abington,

vi. Mammals Gill Smith, 1 Bourn Bridge Road, Little Abington

vii. PlantwatchSally Turnidge, 23 Cambridge Rd, Little Abington

viii.Rivercare Robin Harman, 22 West Field, Little Abington

ix. Granta Park Tracy Thomas, Granta Park Estate Office, Great Abington

III. Other Contacts

RiverCare: <u>http://www.anglianwater.co.uk/environment/our-commitment/our-projects/rivercare.aspx</u> Cambridgeshire and Peterborough Environmental Records Centre (CPERC): <u>http://www.cperc.org.uk/</u> Wildlife Trust (for Bedfordshire, Cambridgeshire and Northamptonshire): <u>http://www.wildlifebcn.org/</u>



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