LONG EATON NATURAL HISTORY SOCIETY BULLETIN





No. 52

SPRING 2006

Barn Owl (Tyto alba)

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MEETINGS SECRETARY

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CHAIRMAN'S FORWARD

This edition features Garden Bird and Butterfly reports by members, thus illustrating that you do not need to travel far to produce some records which are useful.

Two Fungal Foray reports are included together with a list of life found in the ponds at Forbes Hole Local Nature Reserve.

A marked reduction in rainfall is indicated in the Weather Summary for 2005, the average of which is $24\frac{1}{2}$ inches per year for this area.

The Summer events programme offers a variety of visits and we hope as many of you as possible will be able to attend and we thank you all for your continued support.

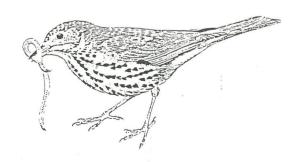
Alan W. Heath

SOME RECENT BIRD SIGHTINGS

Bullfinch
Gooseander
Lesser Spotted Woodpecker
Little Egret
Gooseanders
Egyptian Geese
Short-eared Owl
Gt. Spotted Woodpecker
Redpoll

Quorndon Creseent, Long Eaton
Barker's Pond
Long Eaton Park
Ratcliffe
Attenborough Nature Reserve
Attenborough Nature Reserve
Trent Meadows
Harlaxton Drive, Long Eaton
early February





R.S.P.B. GARDEN BIRDW	ATCH -	January 2006	
Blackbird Blue Tit Chaffinch Collared Dove Dunnock Goldfinch Great Tit Greenfinch House Sparrow Long-tailed Tit Magpie Robin Starling Woodpigeon Wren	2 6 2 2 2 2 12 6 2 5 1 30 1	2 3 3 7 1 1 7 2	1 2 1 5 2 4
	Gwen Bates, 4 Hardy Close 8.30-9.30 29 January	John & Fay Blackburn 30 Quorndon Gres. 29 January	Alan Heath, 6 Harlaxton Drive 12.00 - 1.00 28 January

The numbers refer to the greatest number seen at one time.

	J	F	M	Α	My	/.]	Jу	Α	S	\circ	N	D	
blue tit	4	1/2	/	/2	/2	/2	/	1	1	/	/	/	
robin	1	/2	1	/2	2		/	3	/2	2	14	3	
blackbird	LL	15	4	74	16	1	15	/2	3	1	15	/2	_
house sparrow	/12	12	10	1	16	/12	10	/21	/2	16	16	10	
starling	35	25	/12	/3	6	4	12	15	/3	1	1/	5	
dunnock	/2	/2	/1	1	/1		/1	1	/2	/	/2	/	
chaffinch	15	19	18	/3	/3	/3	/3	/3	/2	4	9	6	
great tit	/2	/2	/2	/2	/2	/1	/1	/2	2	1	/2	1	
greenfinch	10	/12	10	10	15	5	14	16	18	12	12	14	
collared dove	10	/11	/3	3	5	3	5	/2	4	/	3	4	
coal tit	/2	/2	1	/1	/	/1	/	/	/	/	1	T	
longtailed tit	4	/3	/2					,			/3	4	
goldfinch	4	5	15	15	/2	/2	/2	1	15	/3	8	5	
crow	/2	/2	1	1	/1	1				/2			
magpie	/3		1						/1	/2	/1	/2	
mistle thrush		1	/1										
song thrush	/1	/1	1	1	1	v.	/2	/	/2				
sparrow hawk										н	,		
wood pigeon	/2	1	1	3	/2	2	1	/2	/2	/2	3	1	
wren	/1	1	1	1	1	1	/	1	1	/1	/	1	
bullfinch	/2	/2	2	/2	/2	1	/2	/2				1	
Woodpecker								1					
field fare												1	
wagtail pied											1		
wagtail pied blackcap												1	
1													
				25									

YEAR 2005

NAME GWEN BATES

ADDRESS 4, HARDY CLOSE, LONG EATON. The figures are the highest number of each bird seen at one time during the month.

WREN

2005 GARDEN BUTTERFLIES - 6 Harlaxton Drive, Long Eaton

BRIMSTONE

COMMA

COMMON BLUE

GATEKEEPER

HOLLY BLUE

LARGE WHITE

MEADOW BROWN

ORANGE TIP

PAINTED LADY

PEACOCK

RED ADMIRAL

SMALL TORTOISHELL

SMALL WHITE

SPECKLED WOOD

SMALL SKIPPER

RINGLET

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2005	J	F	M	A	My	J	Jy	A	5	0	N	D
BUTTERFLIES & MOTHS					/	-	(-		
brimstone			/	/	1	1						
comma												
gatekeeper												
green-veined white												
holly blue				/								
large white					1	/	/	/	1			
meadow brown						/	/					
orange tip												
peacock				/				/				
red admiral												
small tortoiseshell			1	/	/							
small white												
common blue												
painted lady												
humming hird hawkmoth MAMMALS								/				
MAMMALS												
cat		/	/	/	/	1	/	/	/	/	/	/
dog												
grey squirrel	1	V	/	/	V	/	/	V	/	/	1	/
hedgehog												
red fox												
brown rat												
Bat species					/							
AMPHIBIANS												
common frog			1		/	/			1			
common toad												
bumble bee	1	1	1	/	1	V		/	V	V	V	
Wasp					1	1	/	/	~	1		

YEAR - 2005

Gwen Bates, 4 Hardy Close, Long Eaton

During the year a total of 12 samples were obtained, 6 from each pond. Samples obtained between 23 January and 11 December. The following is a list of species found, both ponds combined -

Arcella (M) Ascellus Caddis larvae Ceriodaphnia Chaetonotus Chironomus larva Chydorus Cloeon nymph Closterium attenuatum Closterium concavum Coleps Corixa (M) Cyclops Cymbella ehrenbergii Cymbella gastroides Cypris Daphnia hyalina Daphnia pulex Diaptomus Diatoma (M) Euglena (M) Eurycercus Fragellaria (M) Gammarus (S) (S)Gerris Gyrinus (S) Hydra oligactis Hydracarina Hyphydrus ovatus (S)

Leech (S) Limnaea pereger (M)Loxophyllum Nematode (M) Nitzschia sigmoidea Oscillatoria Penium (S) Pinnularia KEY: (M) is Main Pond only Planorbis (M) Pleurosigma (M) (S) Small Rotifer sp. (M) Fond only Scapheloberus (M) Otherwise found in Simocephalus Spirogyra (M) both ponds Spirostomum (S) Surirella constricta Synedra Tubifex (S) Vorticella (M)(S) Water Mite Water Moss (3)

NOTE: Ceratium was again found in the Main Pond having been previously found last year for the first time since 1961

pH - Main Fond varied between 7.6 and 7.8 Small Fond was 7.6 throughout

Dissolved Oxygen - Varied between 3.0 and 22.0 ppm in the Main Pond and between 0.3 and 15.5 for the Small Pond Low for both ponds an Nov 4

BIRDS: Blackbird, Blackcap, Blue Tit, Chaffinch, Coot, Crow, Great Spotted Woodpecker, Great Tit, Greenfinch, Moorhen, Robin, Starling, Swallow, Teal, Thrush Missel, Thrush Song, Wood Pigeon, Wren

BUTTERFLIES ; Common Blue, Green-veined White, Orange Tip Speckled Wood

PLANTS; Scabius, Marsh Speedwell, Dovesfoot Cranesbill,
Dogwood, Tufted Vetch (18th July)
Meadow Cranesbill still in flower by Main Fond
on the 4th November

TOTAL POND SPECIES: Main Pond 41 (15 Main pond only),

Small Pond 29 species (9 Small Fond only)

BOTH PONDS COMBINED - 51 species

FUNGAL FORAY - ST. CHAD'S WATER, Wilne 6th November 2005 Beverley Rhodes

Bolbitius vitellinus Cowpat fungus Clavulina cristata White coal fungus Coprinus micaceus Glistening Inkcap Coriolus hirsutus Coriolus versicolor Many zoned Polypore Crepidotus mollis Crepidotus variabilis Cylindrobesidium evolvens Daedaleopsis confragosa Blushing Bracket Datronia mollis Entoloma clypeatum Hebeloma crustuliniforme Poison Pie Hypoxylon mammatum Incrustoporia semipileata Inocybe cincinnata Inocybe geophylla Laccaria laccata The Deceiver Lacrymaria velutina Weeping Widow Lactarius controversus Lactarius mammosus Lactarius tabidus Leccinum scabrum Brown Birch Bolete Lepista nuda Wood Blewit Merulius tremellosus Mycena alcalina Mycena epipterygia Mycena polygramma Naucoria bohemica Nectria cinnbarina Coral Spot Nolanea farinolens Paxillus involutus Brown Rollrim Peziza cerea Pseudotrametes gibbosa Russula betularum Birch Russula Stereum hirsutum Hair stereum Tremella mesenterica Yellow brain fungus Xylaria hypoxylon Candle-snuff

Total of 37 species found on a visit to Chad's Water with Groundwork Erewash Valley.

FUNGAL FORAY - FOX COVERT, Long Eaton - 12 November 2005

Agaricus porphyrocephalus Agaricus xanthodermus Auricularia auricular-judae Bolbitus vitellinus Collybia peronata Collybia confluens Conocybe tenera Coprinus lagopus Coprinus micaceus Coriolus versicolor Cortinarius uliginosus Daedaleopsis confragosa * Entoloma clypeatum saundersii Entoloma Galerina mutabilis * Hygrocybe nivea Hypholoma fasciculare Inocybe cincinnata Laccaria laccata Mycena alcalina Mycena clavularis Mycena galericulata Mycena galopus Nolanea staurospara Phellinus igniarius * Pleuteus cervinus Polyporus badius Psathyrella microrhiza Rickenella fibula Russula cyanoxantha Scutellinia scutellata * Xylaria hypoxylon Xylaria polymorpha

Yellow Stainer Jew's Ear Fungus Cowpat Fungus Wood Wooly-foot Clustered Tough Shank

Glistening Ink Cap Many zoned Polypore

Blushing Bracket

Brown Stew Fungus Snowy Wax Cap Sulphus Tuft

The Deceiver

Bonnet Mycena Milky Mycena

Willow Hoof Fungus

The Charcoal Burner Eyelash Fungus Candle Snuff Dead Man's Fingers

Survey by Beverly Rhodes

* significant to site

Identification - R. Phillips text and occasional other sources.

Barker's Pond/Our Garden (6-11-05 to 17-1-06)

Fay & John Blackburn

The grey wagtail failed to make its customary winter visit to the garden, much to our disappointment. It was last observed on 19th March 2005. In addition, no goosanders have been sighted on the pond this year although a number are much in evidence at Attenborough.

Swan numbers continue to increase. Three adult birds and eight immatures were present on 11th November 2005 and by 13th January 2006 the total had expanded to four adults and eight young. The following day the contingent had grown to four adults and ten young, a record number for Barker's Pond.

Tufted duck appeared only sporadically during November and December, usually confined to a single bird or a pair. Numbers subsequently increased when four males and two females arrived on 2nd December followed by three males and one female on 5th January, five males and one female on 6th January, three males and one female on 13th January, nine males and two females on 16th January and six males and two females on 17th January. There were regular sightings of individual birds or the occasional pair on the intervening days.

Additional sightings on the pond included a common gull on 21st November, a lesser blackback gull on 8th December and another blackback gull and a kingfisher on 3rd January.

Greenfinches, chaffinches and goldfinches now dominate the garden feeders while sparrows are seen only very infrequently and then only in small numbers. However, starlings at present are regular visitors, often in flocks of fifty or more birds.

A solitary redwing was observed on trees surrounding the garden on 21st November together with eight fieldfares. Further sightings of fieldfare included six on 27th November, twenty on 28th november, fifteen on 29th November, twenty on 30th November, twenty on 1st December and twenty-three on 4th December.

A mistle thrush visited the garden on 15th and 27th November and again on 9th January. A pair were also present on 22nd November and 17th January. A song thrush was a welcome visitor on 23rd November.

A greater spotted woodpecker was present on 2nd December and a pair of bullfinches were other notable visitors on 24th December.

	Alan Heath,
WEATHER SUMMARY - 2005	6 Harlaxton Drive, Long Eaton
PREVAILING WIND	- WEST
LEAST WIND	- SOUTH-EAST
WARMEST DAY	- 19th June - 92°F
COLDEST DAY	- 19th November and also 29th December - 23 ^{oF}
WETTEST DAY	- 19th August - 36.2mm
WETTEST MONTH	- August
DRIEST MONTH	- May
DAYS WITH OVER AN INCH OF RAIN IN	24 HRS - 3 - June 28, Aug 19, Oct 24
TOTAL THUNDERSTORMS	- 6
TOTAL RAIN.	- 572·9 mm (22·54 ins)
	= 0.43 ins per week
TOTAL DRY DAYS + NIGHTS	- 491
TOTAL WET DAYS + NIGHTS	- 239
TOTAL SNOW	- $4\frac{1}{4}$ ins.
DAYS WITH NEW SNOW ON GROUND	- 8
TOTAL FOG	- 2
FOG ALL DAY	- none
BAROMETER - Maximum	- 30.85 12 December
BAROMETER - Minimum	- 28.80 2 December
STRONG WINDS/GALES	- 4 - 7-8 Jan, 12 Feb, 28 May, 16 Dec
AVERAGE MAXIMUM TEMPERATURE	- 71-8 F
AVERAGE MINIMUM TEMPERATURE	- 34·0 F
DAYS WITH TEMPERATURES OF 80° F OF	R MORE 20 1 in May, 8 in June 7 in July and 4 in August
DAYS WITH TEMPERATURES OF 70° F OF	R MORE 76 1 in Apr, 5 in May 16 in June, 18 in July, 20 in August, 14 in September, and 2 in October
DAYS WITH TEMPERATURES OF 32°F OR	LESS 38 5 in Jan, 5 in Feb, 5 in March, 2 in Apr, 11 in Nov and 10 in Dec

NOTE: RAINFALL - Approximately 2-inches below average this year and approximately 5 inches less than in 2004

			WEA	WEATHER SUMMARY	MIMARY -	2005	0					ф°
	Jan	Feb	Mar	Apr	1	Jun	Jul	any	Seb	Oct	Nov	Dec
TEMPERATURE Max.	55	51	63	7.1	84	92	87	88	83	71	65	
Min.	26	27	29	30	33	42	51	4.6	37	42	23	23
Day	20.1	19.2	14.8	25.0	0.6	64.4	9.55	31.9	31.2	56.9	26.5	23.9
RAIN mm Night	4.4	21.7	18.5	19.0	13.8	8.2	13.3	50.8	19.2	34.2	10.1	•
Total	24.5	40.9	33.3	44.0	22.8	72.6	68.8	82.7	50.4	61.1	36.3	35.4
DAYS DRY	13	12	20	17	22	19	19	22	23	20	17	23
NIGHTS DRY	23	17	19	19	23	23	27	25	21	22	25	22
DRY DAYS + NIGHT'S	36	29	39	36	45	42	46	47	44	42	42	43
DAYS WITH RAIN	18	16	1	13	6	1	12	6	7		13	10
NIGHTS WITH RAIN	8	-	12	1	8	7	4	9	6	6	2	6
DAYS + NIGHTS WITH RAIN 26	N 26	27	23	24	17	18	16	15	16	20	18	19
RAIN - Inches	96.0	1.61	1.31	1.73	06.0	2.85	2.71	3.26	1.98	2.41	1.43	1.39
WETTEST DAY	18	24	30	30	22	28	24	19	30	24	8	2
THUNDERSTORMS	ı	Ī	t	ě	~	2	~	2	1	ı	1	i
BAROMETER - Max.	30.60	30.70	30.55	30.40	30.30	30.65	30.45	30.25	30.40	30.50	30.80	30.85
Min.	29.45	29.60	29.55	29.20	29.60	9.6		29.50		29.20	29.20	28.80
FOG	ı	1	I	1	ı	1	ı	I	1	ı	Ī	2
FOG ALL DAY	I	I	I	I	I	ţ	1	1	1	1	1	ı
DAYS WITH NEW SNOW ON GROUND	I	4	2	I	1	ı	1	l	1	ı	a Para	2
SNOW - Total, inches	Ī	22	E	E	1	I	ı	I	I	1	ı	£ 5 4
DAYS WITH TEMPERATURES OF 80F OR MORE	1	ı	ı	1	· ·	80	7	4	í	ţ	1	1
DAYS WITH TEMPERATURES OF 70 F OR MORE	1	1		_	5	9	18	20	4	2	, I	1
DAYS WITH TEMPERATURES OR 32F OR LESS	5	5	77	7	í	1	1	ī	1 .	I	1	10

MONTHLY WEATHER SUMMARY - 2005

January - First half of month windy, especially the 8th.
Final week had a dominance of North wind.
Second half of month wetter. There were 14 days when temperatures reached 50°F or more.

February - Dominance of North wind. North-west gale on 12th. Snow on 4 days in last week. A rather wet month.

March - Two days with a light cover of snow in first week.
Wind North or North-East in first half of month.
Wetter in last but warmer, especially 23rd, 24th
and 25th.

April - A mixed month and warmer in the last week. Snow flurries on the 8th.

May - Driest month of the year but there was a brief thunderstorm on the 7th. Very warm on the 27th.

June - A wet month, especially the two thunderstorms on the 28th (Inch of rain in 2 hours) and 29th.

Warmest day of the year on the 19th (92°F)

Very warm in the last week.

July - A wet month with a thunderstorm on the 14th.

Very warm the second week.

August - Wettest month of the year and a wet month generally with over an inch of rain in 24 hours on the 19th. Dominance of North-West wind in first half of month and West in last week.

September - A mixed month. First week rather warm especially on the 6th

October - Fair amount of rain especially the last two weeks.

An inch of rain in 24 hours on the 24th. Warm on the 12th and 27th

November - Rather wet in first half of month. Frequent frost in second half.

December - First week wet. Snow on the 27th and 28th. Last week very cold. Coldest day of the year on the 29th (23°F) which was shared with 19th November.

Recorded by Alan Heath at 6 Harlaxton Drive, Long Eaton