

**Bowden and Ball
Bird Ringing Partnership**



Annual Report 2021

Bowden and Ball – Bird Ringing Report 2021

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Cover photograph – Peregrine – 2021 – from the new web-cam at St Wulfram's Church, Grantham We are grateful to Chris Skipper (from Norwich Peregrines) for providing and installing the new web-cams in January, with funding from the Lincolnshire Bird Club. Unfortunately, despite looking promising in January to March, the Peregrines failed to nest during 2021

Bowden & Ball Ringing Partnership Report – 2021

Introduction

This is the tenth annual report that has been produced by the Bowden and Ball Ringing Partnership. This annual report is intended to give a brief indication of the activities and some of the results of the following 'members'.

It is with great sadness that we have to report that Steve Keightley died on February 4th 2021, from Covid 19 at the untimely age of 61. Steve had spent the last few years renovating a property on a large plot at Frithville, doing considerable planting developing a personal nature reserve with a great ringing potential that will now not be realised.

Niven also has stopped ringing due to ill health during the year.

However, we welcome Ian Willoughby to the 'group' as our new trainee – Ian is the environmental officer for Dyson Farming and is responsible for their Owl nest-box schemes, which now number well in excess of 100 boxes, and their wild-bird cover crops and winter feeding.

Name	Permit no	Name	Permit no
Alan Ball	A2544	Niven Vessey	C4098
Keith Bowden	A4168	Brian Leonard	C5598
Bob Sheppard	C2932	Daniel Wade	A5842
Steve Keightley	C3566	Garry Steele	C5857
Steve Biglands	C3948	Jack Dawson	C6640
Andrew Chick	C4074	Ian Willoughby	T

The number of birds processed by group members in 2021 is shown below. Note that this does not necessarily demonstrate ringing effort as, for instance, when Bob and Alan go ringing together, Alan normally does the ringing and Bob the scribing; and when Keith went to Marston others did the ringing. The table also only includes birds ringed using the Partnership's rings, so again does not indicate individuals total effort during the year, such as Daniel who ringed birds at Spurn Point, Filey and on the Humber with other groups and organisations.

2021 Observer Ringing Totals				
Observer	Full grown	Pulli	Retraps	Total
Alan Ball (AB)	2589	688	422	3699
Keith Bowden (KB)	0	0	0	0
Bob Sheppard (RS)	37	78	11	126
Steve Biglands (SB)	112	0	19	131
Andrew Chick (AC)	0	13	2	15
Brian Leonard (BL)	116	94	47	257
Daniel Wade (DW)	107	31	7	145
Garry Steele (GS)	5	49	2	56
Jack Dawson (JD)	51	6	4	61
Ian Willoughby (IW)	139	197	4	340
Wesley Payne (WP)	8	46	1	55
Others	6	0	1	7
Total	3170	1202	520	4892

Steve Keightley 1959 - 2021

I had personally known Steve from the early 1970s quickly becoming friends having a shared interest in wildlife with birds in particular. In 1973 I started ringing training under Roy Pearson in Boston and Steve had hoped to train under Alex Parker. His training didn't happen, and shortly after I gained my A permit in 1977, Steve began training with me. We were both founder members of the Lincolnshire Bird Club which formed in 1979 and both went on to become County Recorders; me just for two years but Steve did this increasingly onerous task for 14 years! I have some great memories ringing with Steve, such as the time he came back from a net round at Seacroft with a big smile and a Wryneck in a bag! On another occasion at Seacroft he came back with a Red-breasted Flycatcher! It was Steve that discovered some wintering Lapland Buntings at Butterwick Marsh in December 1985 and we went on to ring 290 over the next four winters. Previous to this less than 100 had been ringed in the UK since ringing started in 1909. We managed to prove the origin of wintering Lapland Buntings as Scandinavian and despite retrapping birds in successive winters, we unfortunately did not get any reported overseas.

I also have some great birding memories with Steve, seeing some great birds on the few occasions that I went 'twitching' with him including seeing the Britain's first Ancient Murrelet on Lundy, for which we got soaked and cold on a very rough crossing on what seemed like a very, very small boat! Other trips included a Red-throated Thrush and Nutcracker in Suffolk, Marmora's Warbler in Northumberland, Britain's first Black-faced Bunting near Manchester and many others. I remember staying overnight on the Scilly Islands, when Steve looked out of our B&B at first light to see a cat kill a Black Redstart. He mentioned this to the B&B owner at breakfast who replied that he was very sorry as it was his cat – but at least it wasn't the Grey-cheeked Thrush that it got the previous year! However Steve was very much a local birder and his 'patch' included the Witham Mouth where he had done the monthly wader and wildfowl counts for over 40 years, so it is very fitting that the Witham Mouth birdwatching hide has been named in his honour. Quite simply, Steve was my closest friend and I will always miss him and I extend my condolences to his wife, Sally.

Alan Ball

2021 Site Capture Totals

The following table contains those sites where over 50 birds were processed in 2021

	2021 Site Totals	Adults Ringed	Pulli Ringed	Total Ringed	Retraps/ Controls	Total Birds	No of Species
1	Marston STW	1159	2	1161	150	1311	33
2	Dunsby (Aveland Trees / STW)	820	0	820	114	934	21
3	Bourne Wood	362	62	424	46	470	22
4	Benington – Saul's Bank	93	27	120	44	164	13
5	Sleaford	113	15	128	12	140	11
6	Fenwick	112	0	112	19	131	11
7	Nopton Wood	106	0	106	4	110	8
8	Twyford Wood	62	18	80	6	86	13
9	Field View Farm, Alvingham	23	46	69	2	71	8
	** Other sites (309 no.)	320	1032	1352	123	1475	
	Total	3170	1202	4372	520	4892	

Note ** High number of 'other' sites is due to isolated nest-boxes spread throughout Lincolnshire and adjacent counties, where just a few chicks and/or up to two adults are normally ringed.

2021 Annual Ringing Totals – page 1 of 2						
	Species	FG	Pull	Total	recapture	Total
		Ringed	Ringed	Ringed	controls	Captures
1	Bittern	0	1	1	0	1
2	Little Egret	0	3	3	0	3
3	Marsh Harrier	0	4	4	1	5
4	Kestrel	7	210	217	1	218
5	Peregrine	0	9	9	0	9
6	Water Rail	7	0	7	5	12
7	Moorhen	2	0	2	1	3
8	Lapwing	0	4	4	0	4
9	Stock Dove	13	12	25	2	27
10	Woodpigeon	2	0	2	0	2
11	Collared Dove	1	0	1	0	1
12	Barn Owl	79	461	540	57	597
13	Little Owl	18	154	172	48	220
14	Tawny Owl	9	63	72	8	80
15	Swift	27	0	27	0	27
16	Kingfisher	0	5	5	0	5
17	Great Spotted Woodpecker	8	0	8	0	8
18	Sand Martin	68	0	68	3	71
19	Swallow	70	0	70	3	73
20	House Martin	106	0	106	14	120
21	Tree Pipit	1	0	1	0	1
22	Meadow Pipit	135	0	135	0	135
23	Yellow Wagtail	1	0	1	0	1
24	Pied/White Wagtail	1	0	1	0	1
25	Wren	48	0	48	7	55
26	Dunnock	59	0	59	19	78
27	Robin	38	0	38	14	52
28	Blackbird	39	4	43	9	52
29	Song Thrush	1	0	1	1	2
30	Redwing	59	0	59	0	59
31	Cetti's Warbler	8	0	8	2	10
32	Grasshopper Warbler	6	0	6	1	7
33	Sedge Warbler	169	2	171	22	193
34	Reed Warbler	292	0	292	79	371
35	Lesser Whitethroat	1	0	1	0	1
36	Whitethroat	12	0	12	0	12
37	Garden Warbler	2	0	2	0	2
38	Blackcap	40	0	40	1	41
39	Yellow-browed Warbler	1	0	1	0	1
40	Chiffchaff	138	0	138	10	148
41	Willow Warbler	49	0	49	3	52
42	Goldcrest	24	0	24	2	26
43	Long-tailed Tit	45	0	45	7	52
44	Marsh Tit	1	0	1	0	1
45	Coal Tit	15	0	15	3	18
46	Blue Tit	485	94	579	94	673
47	Great Tit	229	25	254	52	306
48	Nuthatch	3	0	3	1	4
49	Treecreeper	3	0	3	0	3
50	Jay	1	0	1	0	1

2021 Annual Ringing Totals – page 2 of 2						
	Species	FG	Pull	Total	recapture	Total
		Ringed	Ringed	Ringed	controls	Captures
51	Magpie	1	0	1	0	1
52	Jackdaw	4	124	128	1	129
53	Raven	0	12	12	1	13
54	House Sparrow	25	15	40	3	43
55	Tree Sparrow	7	0	7	1	8
56	Chaffinch	102	0	102	8	110
57	Brambling	217	0	217	4	221
58	Greenfinch	170	0	170	1	171
59	Goldfinch	221	0	221	17	238
60	Siskin	12	0	12	0	12
61	Linnet	2	0	2	0	2
62	Lesser Redpoll	19	0	19	2	21
63	Bullfinch	15	0	15	8	23
64	Yellowhammer	2	0	2	1	3
65	Reed Bunting	50	0	50	3	53
	Total:	3170	1202	4372	520	4892

Bowden and Ball Partnership – Monthly Ringing Totals 2021 – page 1 of 2														
	species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Tot
1	Bittern	-	-	-	-	1	-	-	-	-	-	-	-	1
2	Little Egret	-	-	-	-	3	-	-	-	-	-	-	-	3
3	Marsh Harrier	-	-	-	-	-	-	4	-	-	-	-	-	4
4	Kestrel	-	-	-	-	12	156	49	-	-	-	-	-	217
5	Peregrine	-	-	-	-	4	5	-	-	-	-	-	-	9
6	Water Rail	-	-	-	-	-	-	-	4	1	1	1	-	7
7	Moorhen	-	-	-	-	-	-	-	2	-	-	-	-	2
8	Lapwing	-	-	-	-	-	4	-	-	-	-	-	-	4
9	Stock Dove	-	-	-	2	5	4	6	8	-	-	-	-	25
10	Woodpigeon	-	-	-	1	-	-	-	-	-	1	-	-	2
11	Collared Dove	1	-	-	-	-	-	-	-	-	-	-	-	1
12	Barn Owl	-	-	-	4	17	265	167	35	20	21	11	-	540
13	Little Owl	-	-	-	-	98	70	3	1	-	-	-	-	172
14	Tawny Owl	-	-	-	15	57	-	-	-	-	-	-	-	72
15	Swift	-	-	-	-	27	-	-	-	-	-	-	-	27
16	Kingfisher	-	-	-	-	-	5	-	-	-	-	-	-	5
17	Great Sp.Woodpecker	-	-	-	-	-	-	2	1	-	2	3	-	8
18	Sand Martin	-	-	-	-	1	44	1	20	2	-	-	-	68
19	Swallow	-	-	-	-	6	-	-	57	7	-	-	-	70
20	House Martin	-	-	-	-	67	-	3	33	3	-	-	-	106
21	Tree Pipit	-	-	-	-	-	-	-	1	-	-	-	-	1
22	Meadow Pipit	-	-	1	-	-	-	-	-	116	17	1	-	135
23	Yellow Wagtail	-	-	-	-	-	-	-	1	-	-	-	-	1
24	Pied/White Wagtail	-	-	-	-	-	-	-	1	-	-	-	-	1
25	Wren	1	-	9	3	3	-	1	3	11	6	8	3	48

Bowden and Ball Partnership – Monthly Ringing Totals 2021 – page 2 of 2

	<i>species</i>	<i>Jan</i>	<i>Feb</i>	<i>Mar</i>	<i>Apr</i>	<i>May</i>	<i>Jun</i>	<i>Jul</i>	<i>Aug</i>	<i>Sep</i>	<i>Oct</i>	<i>Nov</i>	<i>Dec</i>	<i>Tot</i>
26	Dunnock	1	5	5	4	2	2	7	1	7	8	4	13	59
27	Robin	3	1	6	-	3	-	1	-	2	3	7	12	38
28	Blackbird	1	-	10	2	5	-	-	-	4	6	12	3	43
29	Song Thrush	-	-	1	-	-	-	-	-	-	-	-	-	1
30	Redwing	-	-	-	-	-	-	-	-	-	-	-	59	59
31	Cetti's Warbler	-	-	-	-	-	-	-	2	4	2	-	-	8
32	Grasshopper Warbler	-	-	-	1	1	-	4	-	-	-	-	-	6
33	Sedge Warbler	-	-	-	-	-	-	16	100	55	-	-	-	171
34	Reed Warbler	-	-	-	-	-	-	35	174	80	3	-	-	292
35	Lesser Whitethroat	-	-	-	-	-	-	-	-	1	-	-	-	1
36	Whitethroat	-	-	-	-	6	-	2	2	2	-	-	-	12
37	Garden Warbler	-	-	-	-	-	-	2	-	-	-	-	-	2
38	Blackcap	-	-	1	3	2	-	-	1	30	2	-	1	40
39	Yellow-browed Warbler	-	-	-	-	-	-	-	-	-	1	-	-	1
40	Chiffchaff	-	-	3	4	3	-	3	31	72	19	3	-	138
41	Willow Warbler	-	-	-	-	14	-	20	10	5	-	-	-	49
42	Goldcrest	1	-	-	1	-	-	5	-	-	9	5	3	24
43	Long-tailed Tit	5	5	3	1	-	-	-	-	6	2	8	15	45
44	Marsh Tit	-	-	-	-	-	-	-	-	-	-	-	1	1
45	Coal Tit	1	1	1	3	-	-	-	-	-	1	1	7	15
46	Blue Tit	20	8	9	7	38	60	12	10	14	45	140	216	579
47	Great Tit	5	5	8	14	7	20	5	-	7	29	57	97	254
48	Nuthatch	-	-	1	1	-	-	-	-	-	-	1	-	3
49	Tree creeper	-	-	1	-	-	-	-	-	-	-	2	-	3
50	Jay	-	-	-	-	-	-	-	-	-	1	-	-	1
51	Magpie	-	-	-	-	-	-	-	-	-	-	1	-	1
52	Jackdaw	-	-	-	-	55	72	-	-	-	-	-	1	128
53	Raven	-	-	-	12	-	-	-	-	-	-	-	-	12
54	House Sparrow	2	1	4	4	5	9	6	-	3	1	2	3	40
55	Tree Sparrow	-	-	1	2	1	-	-	-	-	-	-	3	7
56	Chaffinch	-	1	28	19	-	-	5	-	1	5	21	22	102
57	Brambling	-	-	1	1	-	-	-	-	-	-	53	162	217
58	Greenfinch	3	3	5	13	1	-	-	-	3	-	59	83	170
59	Goldfinch	16	21	17	32	-	-	-	1	4	-	88	42	221
60	Siskin	-	-	5	2	-	-	-	-	-	-	3	2	12
61	Linnet	-	-	2	-	-	-	-	-	-	-	-	-	2
62	Lesser Redpoll	-	-	15	2	-	-	-	-	-	1	1	-	19
63	Bullfinch	-	-	1	3	-	-	-	-	-	-	5	6	15
64	Yellowhammer	-	-	-	-	-	-	-	-	-	-	-	2	2
65	Reed Bunting	-	-	6	2	1	-	6	10	13	5	3	4	50
Grand Total:		60	51	144	158	445	716	365	509	473	191	500	760	4372

Nest Records 2021

Group members managed to contribute a total of 419 Nest Record Cards of 13 species to the BTO Nest Record Scheme as shown in the table below. As usual, the majority were as a result of the owl and kestrel nest box monitoring. Again we submitted NRCs for Bittern and Kingfisher and three Raven nests in the county.

Nest Records 2021							
Species	Nests	Average number of eggs	Average Number of chicks	Average Visits per nest	Outcome Percentages		
					Success	Failure	Unknown
Raptors							
Marsh Harrier	1	4.0	4.0	5.0	100%	0%	0%
Kestrel	74	4.1	3.0	1.6	20%	15%	65%
Peregrine	3	3.3	3.0	9.0	100%	0%	0%
Barn Owl	213	3.7	2.7	1.6	14%	9%	77%
Little Owl	68	3.4	2.6	1.8	15%	13%	72%
Tawny Owl	35	2.1	1.9	1.3	0%	0%	100%
Raptors Total *	394						
Other Species							
Bittern	2	4.0	3.0	2.0	50%	0%	50%
Stock Dove	1	2.0	2.0	2.0	0%	0%	100%
Kingfisher	1	6.0	5.0	3.0	100%	0%	0%
Blackbird	1	4.0	4.0	2.0	0%	0%	100%
Great Tit	3	8.0	7.0	3.3	0%	0%	100%
Blue Tit	14	4.9	4.3	2.4	0%	7%	93%
Raven	3	4.0	4.0	3.0	100%	0%	0%
Total *	419						

Notes:

- * As in 2020, this year's Nest record observations were much reduced, due to the Coronavirus Pandemic and the government's restrictions during the breeding season.
- ** Number of nest visits is artificially high for Peregrine where most of the 'nest recording' information is gained from remote CCTV coverage – only one physical nest visit is made when they young are at an appropriate stage for ringing.

Owl and Kestrel data - 2012 to 2021

KESTREL	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Total Number of nests**	117	82	150	43	98	110	98	131	49	99
Failures	27	10	16	5	4	4	15	11	7	12
Broods ringed	66	54	111	17	58	61	56	81	30	58
Chicks ringed	186	171	449	46	203	195	154	294	94	210
Average number of chicks/brood ringed	2.8	3.2	4.0	2.7	3.5	3.2	2.8	3.6	3.1	3.6

LITTLE OWL	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Total Number of nests**	59	70	80	70	78	90	91	66	65	75
Failures	18	20	16	17	23	26	27	16	10	10
Broods ringed	37	45	57	44	51	50	55	39	46	56
Chicks ringed	105	103	188	108	138	141	152	112	120	150
Average number of chicks/brood ringed	2.8	2.3	3.3	2.5	2.7	2.8	2.8	2.9	2.6	2.7

LONG-EARED OWL	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Total Number of nests								1	1	1
Failures								0	0	0
Broods ringed								1	1	0
Chicks ringed								3	1 of 3	0
Average number of chicks/brood ringed								3	1 of 3	0

TAWNY OWL	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Total Number of nests **	18	13	60	6	23	42	8	36	1	32
Failures	1	3	4	0	2	1	2	4	1	0
Broods ringed	17	8	53	3	20	32	3	22	0	29
Chicks ringed	30	12	112	5	40	68	5	39	0	57
Average number of chicks/brood ringed	1.8	1.5	2.1	1.7	2.0	2.1	1.7	1.8	0	2.0

BARN OWL	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Total Number of nests**	330*	155	394	77	272	280	185	296	49	230
Failures	131	18	38	20	41	62	31	29	12	18
Broods ringed	185	126	333	44	198	191	131	240	23	173
Chicks ringed	427	378	1214	104	522	455	313	722	48	459
Average number of chicks/brood ringed	2.3	3.0	3.6	2.4	2.6	2.4	2.4	3.0	2.1	2.7

* high number of Barn Owl nests in 2012 was due to early failures due to wet weather and subsequent relays
** Total nests = "missed" and "outcome unknown" as well as ringed + failures
2020 Many boxes (including all Tawny Owl boxes) were not checked due to the Corona Virus pandemic
2021 Again due to Corona virus pandemic, full checks (especially Kestrel and Barn Owl) were not carried out

2021 Barn Owl brood sizes (ringed)	No	Total
1	26	26
2	60	120
3	50	150
4	25	100
5	9	45
6	3	18
7		
Total	173	459

Review of the year 2021

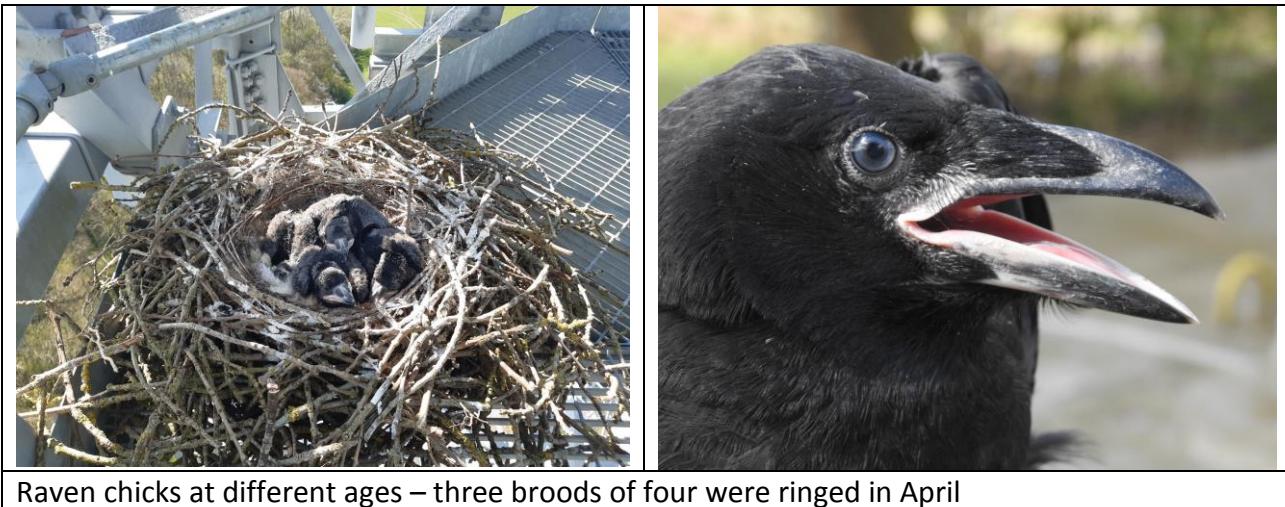
Our Bird Ringing this year was, like last year, considerably interrupted by the Coronavirus Pandemic and the government restrictions put in place from time to time in order to try and control it. This year the restrictions involved a national 'lockdown' from the start of January to the end of March. Ringing was virtually confined to ringers own gardens and travel was not allowed out of one's town or village of residence. A less restrictive measure was then put in place to mid-May, but meeting up outdoors was restricted to small numbers. The restrictions were finally lifted towards the end of June. However there was a considerable impact on our Barn Owl monitoring with many Drainage Boards not allowing Bob or Alan to share transport and accompany them in their vehicles for the annual checks. There was an overall reduction in commoner birds ringed with more ringing confined to individual's gardens due to Covid restrictions. Steve caught nearly half of the groups Great Spotted Woodpeckers, House and Tree Sparrows in his garden at Fenwick in Northumberland. Daniel ringed the only Jay of the year at his new house in Suffolk. Bob ringed a few Redpoll in his garden at Bourne and controlled one of the 1352 Redpolls ringed at Marston in autumn 2020. Lesser Redpoll numbers in the autumn were very disappointing after last year with just 2 ringed! One of the most worrying trends was the fact that Song Thrushes, formerly very common, were noticeable by their absence and Brian ringed the only one of the year, the first ever single figure total! In fact we ringed eight times as many Great Spotted Woodpeckers than Song Thrushes during the year! No gulls were ringed and four Lapwing chicks were the only waders ringed during the year. However, the most surprising fact of 2021 is that for the first ever time we failed to ring a single Starling having ringed a grand total of over 12,000 being our fifth top species. However, despite some disappointments there were also a few highlights. It was nice to be able to ring some Ravens this year following not being able to do any in 2020 due to Covid restrictions and a record number of 12 were ringed in three nests. It was also a record year for Chiffchaff with 138 ringed, the vast majority of these at Marston where there were good numbers in late August to early October. Again the regenerated reed-bed at Marston had quite a bit of running water which provided good feeding for Reed and Sedge Warblers and over 450 were ringed in total. Also at Marston, the use of traps baited with sardines proved successful for Water Rail with seven ringed along with a couple of Moorhen – quite a tight fit in a potter trap! Probably the biggest highlight of the year was the massive influx, to Dunsby at least, of Brambling in November with 215 ringed by the end of the year there, with large numbers still present into 2022.

January - March

The Government issued a Stay at Home instruction from the start of the year to 29th March with instructions that going outside for exercise (which would include ringing) must be within the same town or parish as one's home. This meant that virtually all ringing during the first three months of the year were more or less restricted to gardens and less than 300 birds were ringed, mainly tits and a few finches. In the last few days of the March a few Siskins and Lesser Redpolls were ringed at Bourne Woods and in Bob's garden.

April

Just over 150 birds were ringed during April, mostly finches and a few tits. Towards the end of the month, Bob was able to start his Tawny Owl nest box checks, after being unable to check any in 2020 due to last year's Corona Virus "lockdown". The highlights of the month were twelve Raven chicks from three nests, and a single Grasshopper Warbler at Marston.



Raven chicks at different ages – three broods of four were ringed in April

May

May saw things getting back to near normal, and we were able to start our owl-box checking. It was a reasonable year for Tawny Owls with 57 chicks ringed out of a total of 32 nests, just slightly up from average, following not being able to ring any Tawny Owls in 2020. It was a good year for Bob's Little Owl nest-boxes with 75 nests and our third highest total with 150 chicks ringed.

There was just one day in Spring with cold conditions to attract hirundines and Swifts to the works compound at Marston STW and Alan and Daniel ringed 27 Swifts, 67 House Martins and a few Swallows and Sand Martins, but failed to catch the Red-rumped Swallow flying round the works for much of the morning – a new species record for the site. We were lucky to be able to visit a breeding site for Bitterns for the second successive year thanks to Tom Robinson and Nick Williams, who found an amazing total of six nests. On the day of our visit, one nest contained eggs just hatching, but a much further advanced nest contained a dead chick due to adverse weather conditions, but a large healthy chick nearby. Alan and Ian managed to colour-ring three Little Egret chicks whilst checking Barn Owl nestboxes. A visit to Twyford Wood to monitor breeding warbler numbers in the central willow scrub resulted in a single Grasshopper Warbler, a dozen Willow Warblers and a few Whitethroat and Chiffchaff. At the end of the month we ringed a brood of four Peregrines at St. James' Church, Louth. Unfortunately, despite much activity at St. Wulfram's Church, Grantham, including nest scraping in the nest tray, the pair disappeared prior to egg-laying.

June

Another brood of four Peregrines were ringed at St. Mary's Church, Bottesford. However the pair at the Temple Wood BT transmitter tower raised just a single chick:- perhaps other eggs/chicks there were predated by the Ravens which nested just 10 metres away!

It was a good breeding year for Barn Owls, Little Owls and Kestrels, but we were unable to check all of the nest-box schemes due to being unable to travel around in drainage board and Environment Agency vehicles due to Corona Virus restrictions. We did manage to check most of the local schemes using our own vehicles.

Again this year, perhaps due to the weather our Kestrel season was quite spread. Normally Kestrels fledge around the end of June, but this year some had fledged mid-month with later ones at end of July.



Kestrel chicks – photographed on same date in 2021 illustrating range of ages

Another highlight during the month was another opportunity to ring a brood of Kingfishers at Tom Robinsons artificial nest site on the River Glen. Tom had to rebuild it early in the year after adverse weather resulted in unprecedented flooding which washed the original artificial nest site away. The Kingfishers nested later than normal and only had the one brood. It is a real privilege to be able to ring pulli Kingfishers as it is impossible to access a natural nest without causing damage.



Tom Robinson's Kingfisher nest-box has raised 23 young in 3 years

July

The emphasis during July was carrying out follow up visits to ring the last of the Kestrel broods and Barn Owl first broods. The undoubtedly highlight was the chance to ring a brood of Marsh Harriers that Ian had been monitoring by drone to safeguard the nest from farming activities. We have the use of an 'Unmanned Aerial Vehicle' (UAV) added to our Schedule 1 Licence and is a really useful method of monitoring Marsh Harrier nests without disturbance or leaving a trail to the nest that other predators, such as foxes, could follow. It also enables a single nest visit to ring the chicks to be as late as practicable...and is very useful to walk to the location of the hovering drone, making the chick finding very simple in a large featureless wheat crop.



Using an UAV to monitor Marsh Harrier nest, reduces disturbance and can be used to plan a ringing visit accurately

Also in July a second visit was made to Twyford Wood to survey birds in the regenerating willow scrub in the centre of the wood, highlights were four Grasshopper Warblers, several Willow Warblers and smaller numbers of Blackcap, Garden Warblers and Whitethroat.

August

Good numbers of Sedge and Reed Warblers were ringed at Marston STW, along with a few hirundines caught flying along the track on a couple of cooler days. Four Water Rails were caught using traps baited with sardines with a further three ringed later in the year. A single visit to an artificial Sand Martin colony at Deeping Lakes resulted in 20 Sand Martins ringed and controlling three that had been ringed as pulli at Rutland Water last year. A nice surprise at the end of the month was an unexpected Tree Pipit at Marston only the second one ringed there after the first in 2020.

A few pairs of Barn Owls had late broods with some big brood sizes. One box was found to contain a brood of 8 chicks of which 6 went on to fledge.



September

Again most of the ringing during the month was at Marston STW, and whilst 78 Reed and 55 Sedge Warblers were to be expected, over 70 Chiffchaff there was unexpected. A total of 138 Chiffchaffs during the year was the highest ever total for the group. Later on the month mp3 playback lure was used to target Meadow Pipits there which was quite successful with 116 ringed, 60 of these on the 25th of the month. Unfortunately, the peak passage occurred with fairly windy weather which reduced catching opportunities. As with last Year's Meadow Pipits there were some paler individuals with very long wing lengths which may possibly be Icelandic birds. Whilst it would be good to get a recovery from abroad, this is unlikely as the recovery rate is so low. In fact we only got our first Meadow Pipit recovery this year from 1777 ringed, one from Marston in September 2020 was caught by another ringer near Darlington in March 2021. Despite the lack of recoveries we have controlled two, one from Derbyshire and one from South Yorkshire, both ringed just a week or so earlier.

October

October was a very quiet month with some unfavourable weather conditions and less than 200 birds were ringed. There were no real spells of Easterlies which can bring large numbers of migrants to the coast, but an overnight SSE wind produced a Yellow-browed Warbler at Anderby Creek, the highlight of the month.

Considerable effort was made to target passage Lesser Redpolls at Marston using mp3 playback lure having caught over 1,350 there last autumn. However just one was caught at Marston, seemingly attracted to a speculative playing of Siskin call ! Last year's Lesser Redpolls did generate a substantial amount of recoveries and controls with 21 last year and a further 21 this year. Three ringed last year (two from Marston and one from Jack's garden) were controlled in Belgium.



Yellow-browed Warbler – 8th October at Anderby



Only one Redpoll was ringed at Marston this autumn

November

Exactly 500 birds were ringed in November. Two hundred of these were tits, including 80 at a new site at Nopton Wood, offering Ian some training opportunities being next to Dyson Farming's Head Office. Two Great Spotted Woodpeckers and a Nuthatch were the highlights there. Our site at Aveland Trees, Dunsby proved good for finches with nearly 100 Goldfinches and 50 Greenfinches, but an unprecedented 53 Brambling. We had only ringed a total of 37 in twelve years there before. Three Siskins and a Lesser Redpoll were the highlights there. The Brambling numbers really built up at Dunsby during the month and were being reported in larger than normal numbers throughout southern Britain.



Bramblings (male, left and female, right) Unprecedented numbers of Brambling were at Dunsby in November.



December

Bramblings continued to dominate and a further 162 were ringed at Dunsby during the month. Finally after hardly any sightings locally of Redwing earlier in the autumn/winter reasonable numbers arrived in the middle part of the month. This is another species that responds well to mp3 playback and 59 were ringed – the only ones of the year. A couple of sessions at Bourne Wood were particularly busy and even just using one 30' net, the net had to be furled at times as we were catching too many birds to deal with! The 760 birds ringed during December was the highest monthly total of 2021.

Peregrine Report 2021

Bob made our first Peregrine nest tray in 2008 which was installed on the north side of St. Wulfram's Church in Grantham. A pair there, including an immature female that had been raised just the year before in a natural cliff nest on the Lancashire/West Yorkshire border, laid two eggs on the west walkway. One egg hatched and it is thought one chick fledged.

In 2009, the same pair ignored the new tray, relocated to a nearby quarry and raised three chicks. However the following year, the pair returned to St Wulfram's church and used the nest tray which had been repositioned on the west walkway. Two chicks were colour-ringed and so began our peregrine monitoring. Bob has gone on to install nest-trays for Peregrines at six further sites including Louth Church, Bottesford Church and Boston Stump. The most challenging nest tray was on the BT transmitter tower at Temple Wood, which was fabricated in galvanised steel, weighed 110 kg and was initially installed on the top spike to be above all their equipment...at 86 metres off the ground! In total we have ringed 78 chicks as shown below:-

Peregrine chicks ringed at our monitored nest sites						
Year	Grantham St Wulfram's	Bottesford St Marys	Boston St Botolph's	Louth St James	Temple Wood BT tower	South Lincs confidential
2007						
2008						
2009	2					
2010	2					
2011	3					
2012	3				3	
2013		3				
2014		2	4		3	
2015		1		3		
2016				4		
2017		1		3		4
2018		3	4	3		3
2019		3		1		4
2020	+		4	3	+	+
2021		4		4	1	
Total	10	17	12	21	7	11

Note + Peregrines bred but we were unable to access sites due to Corona Virus restrictions in 2020.

Our original pair of Peregrines continued to nest at St Wulfram's until 2012. There was an unconfirmed report of a dead ringed Peregrine on a rooftop in Grantham in October 2012, and it is likely that this was our female as they failed to nest in 2013. Necessary repair works to the top of the spire prevented nesting there for the next two years, and we have not had successful breeding since, though a pair attempted in 2018 and 2020. The history of the St Wulfram's Peregrines is detailed below.

Year	Eggs laid	Young raised	Comments
2007	2	1	Pair nested on bare floor of west walkway
2008			Gravel-filled nest-tray provided on north side but not used
2009	4	2	Nest tray moved to west side
2010	4	2	West side
2011	4	3	West side
2012	4	3	West side
2013			Did not use tray on west side
2014			Works on spire prevented any nesting attempt
2015			Works on spire prevented any nesting attempt
2016			No Peregrines present – nest tray on west side
2017			No Peregrines present – nest tray on west side
2018	1	0	Second tray provided on east side. Peregrines attempted to nest in east tray
2019			Pair present early in year
2020	4	0	Pair used east side tray. Two of the 4 eggs hatched but both chicks died
2021			Pair left church just prior to egg laying.
Total	23	11	

The use of cameras allows a single perfectly timed visit to ring the chicks. The chicks are big enough to ring at 16 days old and leave the nest tray and are more mobile at around 21 days, so we aim for this five-day window.



St Wulfram's 2012 – chicks are 16 – 18 days old.

Our chicks have been colour-ringed using an orange colour ring with black lettering, so that they can be identified in the field. They can usually be sexed at this age, with the females significantly bigger with thicker legs than the males.



St Wulfram's 2010 – chicks at 16 days old



St Wulfram's 2012 - close-up of colour ring

In the initial years, we were very interested in what Peregrines ate and all remains at St Wulfram's were examined and identified. The number of identified birds taken as prey are shown below.

Identified Peregrine prey remains at St. Wulfram's Church, Grantham								
No	species	2009	2010	2011	2013	2014	Total	Prey %
1	Little Grebe	1	0	1	0	0	2	0.3
2	Teal	5	2	11	4	10	32	4.8
3	Red-legged Partridge	0	1	0	0	0	1	0.1
4	Grey Partridge	0	0	1	0	0	1	0.1
5	Quail	2	0	0	0	0	2	0.3
6	Water Rail	0	0	0	1	0	1	0.1
7	Moorhen	1	0	0	1	0	2	0.3
8	Avocet	0	0	1	0	0	1	0.1
9	Little Ringed Plover	0	1	0	0	0	1	0.1
10	Ringed Plover	0	1	0	0	0	1	0.1
11	Golden Plover	6	12	12	14	8	52	7.8
12	Lapwing	1	4	8	4	0	17	2.5
13	Knot	2	0	0	0	0	2	0.3
14	Snipe	1	0	2	2	3	8	1.2
15	Woodcock	6	8	20	7	4	45	6.7
16	Black-tailed Godwit	0	0	3	0	0	3	0.4
17	Redshank	0	2	0	0	0	2	0.3
18	Black-headed Gull	3	4	9	3	3	22	3.3
19	Sandwich Tern	0	0	1	0	0	1	0.1
20	Common Tern	4	0	4	1	0	9	1.3
21	Arctic Tern	0	0	1	0	0	1	0.1
22	Feral Pigeon	35	68	68	51	4	226	33.9
23	Woodpigeon	1	0	1	2	2	6	0.9
24	Stock Dove	0	0	0	0	1	1	0.1
25	Collared Dove	1	0	0	0	0	1	0.1
26	Swift	2	1	3	4	0	10	1.5
27	Green Woodpecker	2	0	0	1	0	3	0.4
28	Skylark	0	3	0	0	1	4	0.6
29	Wren	0	0	0	1	0	1	0.1
30	Dunnock	0	0	0	1	0	1	0.1
31	Blackbird	19	18	35	22	1	95	14.2
32	Fieldfare	1	6	8	0	2	17	2.5
33	Redwing	2	11	6	3	0	22	3.3
34	Song Thrush	0	2	1	4	1	8	1.2
35	Whitethroat	0	0	0	1	0	1	0.1
36	Jay	0	1	0	0	0	1	0.1
37	Magpie	0	1	0	0	0	1	0.1
38	Jackdaw	4	2	0	2	1	9	1.3
39	Starling	5	14	10	21	1	51	7.6
40	House Sparrow	1	0	0	0	0	1	0.1
41	Chaffinch	1	0	1	0	0	2	0.3
	Total	106	162	207	150	42	667	100.0

The above list is of prey items brought back to the church. Peregrines will take larger birds such as Mallard, but these are generally eaten in-situ as they are too heavy to carry back to the church.

<p>Generally, Peregrines will decapitate their prey and discard the head as beaks would be difficult/painful to swallow. This makes identification of birds quite easy. Even the small birds such as Wren and Whitethroat had been decapitated, proving that these birds had been taken by the Peregrines and had not just died at the church. The photo opposite shows the heads of (from top to bottom) Sandwich Tern, Common Tern and Arctic Tern. We even found the discarded head of an Avocet, which makes you wonder where they caught it as they do not occur locally</p>	
	<p>We have no idea how far away from the church they will go to hunt. We know Peregrines sometimes hunt at night and some of the Woodcock and almost certainly the Water Rail and Quail would have been taken at night as they were passing over. We know they took two Quail as we found a complete body, (with both legs) but another birdwatcher saw the Peregrine drop an item earlier, which was part of a quail complete with a Belgian ring!</p>

Like many sites in the UK, we have installed cameras at a couple of church sites (Grantham, Bottesford, Louth and Boston) relaying images down to a TV in the church where the public can view them. At St Wulfram's church the TV feed was intercepted and the images then made viewable online. This gave a fascinating insight into the birds' behaviour and revealed some interesting facts.

	
<p>St. Wulfram's 2012 – full clutch of four eggs</p>	<p>St. Wulfram's 2012 – first chick hatched</p>

The cameras provide useful information regarding laying dates and hatching dates without any disturbance to the breeding birds. It also allows to plan the most suitable date for a single nest visit, under licence, to ring the chicks.



In 2011 we were surprised to see two adult females feeding the chicks on one occasion. We know that our regular female had not raised and female chicks in previous years, so know that the second female is not related to 'our' bird. There is no explanation as to why another female would want to feed someone else's chicks, or why 'our' female would let another female do this.

The standard of cameras available has improved in recent years and also come down in price. Due to very generous funding from the Lincolnshire Bird Club, the camera set ups at Louth and Grantham were upgraded in 2021. At Grantham we were lucky to have the expertise of Chris Skipper (who we contacted as his images from his camera set up at Cromer are outstanding) who gave his travelling and time freely to come and install a new set up. This involved installing two Hikvision PTZ cameras on opposite corners of the walkway, which are able to 'pan' so that all four walkways can be viewable. These cameras can be remotely operated via a mobile phone to pan, zoom in and out and to focus.



The picture quality from these cameras is truly outstanding, as can be seen in the photo above.

We were looking forward to be able to watch the Peregrines nesting this year on the new cameras. Unfortunately, despite promising signs in March with the birds visiting the nest tray and even 'scraping' in the tray, both birds disappeared just prior to expected egg-laying. They returned to the church in late June, but with no fledged youngsters in tow, so we know that they did not breed successfully elsewhere locally. It is possible that another female that turned up on 13th March caused disruption and put our birds off. This new female was seen to be colour-ringed (both our regular birds were not). Unfortunately we could not quite confirm the black lettering on the orange ring. We are 95% convinced it was "T7C" which was ringed as female chick in Yorkshire.



St Wulfram's 2021 – female on the nest tray and 'scraping' to make a scrape in which she would lay eggs

Another female appeared on 5th March that was colour-ringed. It was frustrating that we were not able to zoom in on time to confirm the colour ring lettering. We are 95% sure it is "T7C" which if correct, was ringed as a female chick at Leeds in May 2019. This bird was present for a few days, following which 'our' female inspected the nest tray again. However, it is possible that this new bird 'spooked' our original pair as they both disappeared just prior to egg laying.



St Wulfram's 2021 – colour-ringed female interloper appeared in the nest tray on 5th March



The above photo of our regular female in the nest tray shows just how good the images from the new cameras are. We just hope that they nest in 2022.

Recoveries received during 2021

The partnership received details of 98 bird recoveries of 26 species either ringed or recovered by group members during 2021. As usual, a good proportion of these (28) were Barn Owls which have a high reporting rate by members of the public, and Lesser Redpoll (22) following the large numbers ringed in 2020.

The full details of all recoveries and controls can be found on the next pages; also included are a couple of retraps where their history is particularly noteworthy.

Movements involving overseas included a Black-headed Gull found alive and well back in Lincolnshire over 22 years after being ringed and having been recorded twice in recent years in Poland. A Herring Gull found dead in The Netherlands also 22 years after being ringed had also been reported in Belgium earlier. The only other overseas recoveries were of three Lesser Redpolls that were controlled in Belgium, two from Marston STW and one from Jack's garden.

Ringing/Finding Details of Bird Movements in 2021

Ringing details are given on the first line and recovery data on the second or subsequent lines.

The first line entry is normally, ring number followed by an age code, date of ringing and place of ringing.

On the next line, or subsequent lines where reported more than once, there is a code for the manner of recovery (if known) followed by date and place of recovery.

The distance that the bird has moved (if any) is given in kilometres and the direction of movement is shown as sixteenth points of the compass (N, NNE, NE, ENE, E etc.). This is followed by the time elapsed between ringing and recovery in years and days.

The age code is given according to the 'Euring' code and do not represent the age in years, but are as follows:-

odd number = bird of known age even number = exact age not known

1 = pullus, nestling or chick 2 = full grown, but exact age unknown
3 = Hatched during current year 4 = at least one year old
5 = hatched during last year 6 = at least two years old

R/C = Retrapped or controlled (=b – breeding)

VV = Ring number read in field

S = Identified from sighting colour-marks (colour rings, wing-tags or neck collars)

X = Found dead (Xf = freshly dead, XI = long dead, Xy = Dying)

Xr = Road Casualty, Xo = overhead wires, Xw = hit window, Xd = drowned, Xb = entered building)

+ = Shot

? = unknown circumstances

A = Found alive (includes sick where fate unknown)

The initials of the group member is included for either the bird being ringed or found by a B&B Partnership member and the entry appears in normal type. *The entry or ringing information of controls and finding information if not made by us appears in italics*

Mute Swan

W48339	3	10/08/20	LS	River Witham, North Hykeham, Lincolnshire	
R = L147	3	26/08/20	LS	River Witham, North Hykeham, Lincolnshire	(16 days)
	3	28/10/20	LS	River Witham, North Hykeham, Lincolnshire	(77 days)
	3	27/03/21	LS	River Witham, North Hykeham, Lincolnshire	(229 days)
	3	06/04/21	LS	River Witham, North Hykeham, Lincolnshire	(239 days)
	4	31/12/21	AB	River Slea, Sleaford, Lincolnshire	(24 km, SSE, 1 yr 143 days)



Pair of Mute Swans, which arrived in Sleaford on New Year's Eve, included this colour-ringed bird.

Greylag Goose

5264094	4	25/06/15	ARC	Ancaster Sand Pits, Lincolnshire	
	+	05/10/21		Stennetts Farm Tattershall Bridge, Lincs	(26 km, ENE, 6 yrs 102 days)

Marsh Harrier

FJ23395	1	07/06/20		Thorpe Marshes, Norfolk	
Wt IF	S	05/10/20	AB	Marston Sewage Works, Lincolnshire	(160 km, WNW, 120 days)
S=M	01/11/21	AB		Marston Sewage Works, Lincolnshire	(160 km, WNW, 1 yr 44 days)



This male Marsh Harrier remains at Marston, changing colour from Oct 20 to Dec 21 in the photos taken by Terry Luckhurst.

Kestrel

EA13763	4F	31/05/20	AB	Brandy Wharf, Lincolnshire	
	XI	29/05/21	AB	Brandy Wharf, Lincolnshire	(363 days)

EA74685	1 Xr	12/06/21 28/09/21	AB	Ruskington Fen, Lincolnshire <i>Nr Anwick, Lincolnshire</i>	(3 km, SW, 108 days)
EA74729	1 X=F	21/06/21 10/08/21	WP	Roxby Carrs, Winterton, North Lincolnshire <i>Fen Farm Greetwell, Lincolnshire</i>	(47 km, S, 50 days)
EA74799	1 X	30/06/21 27/07/21	AB	Bassingham Fen Pump, Lincolnshire <i>Bassingham Fen, Lincolnshire</i>	(27 days)
EY87905	1 X	21/06/19 05/11/21	AB	Chestnut Farm, Newton Fen, Cambridgeshire <i>Newton, Wisbech, Cambridgeshire</i>	(4 km, E, 2 yrs 137 days)
EY87924	1 Xr	22/06/19 26/09/21	AB	Billinghay Fen, Lincolnshire <i>A16 Peaks Parkway Grimsby, N.E. Lincs</i>	(55 km, NNE, 2 yrs 96 days)

Peregrine

GV74055	1 L=P6C	23/05/18 S	JD	St Mary's Church, Bottesford, Leicestershire <i>Langford Low Fields Collingham, Notts</i>	(22 km, N, 3 yrs 99 days)
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(a) "P6C" at ringing, (b) subsequent rescue during fledging by Keith Waterfall, (c) photo at Langford by James Wilkinson

GV74057	1 L=PBD	23/05/18 1 S	JD	St Mary's Church, Bottesford, Leicestershire St Mary's Church, Bottesford, Leicestershire <i>Higham Ferrers, Northamptonshire</i>	(22 days) (72 km, SSE, 2 yrs 259 days)
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Black-headed Gull

ER86483 (FS16420)	4 C=F	13/02/99 18/05/17		Slippery Gowt Farm, Lincolnshire <i>J.Rynskie Rybical, Ryn, POLAND</i>	(1427 km, E, 18 yrs 94 days)
R=TRUE	S	10/05/19		<i>J.Rynskie Rybical, Ryn, POLAND</i>	(1427 km, E, 20 yrs 86 days)
	S	28/07/21		<i>Middlemarsh Farm, Lincolnshire</i>	(28 km, NE, 22 yrs 165 days)
EW97345	6 VV VV	09/01/10 01/09/18 27/07/21	AB	Boston, Lincolnshire <i>Bakewell, Derbyshire</i> <i>Bakewell, Derbyshire</i>	(114 km, WNW, 8 yrs 235 days) (114 km, WNW, 11 yrs 199 days)

Herring Gull

GG60632	7 C X	31/08/89 20/06/94 24/05/11		Slippery Gowt Farm, Lincolnshire <i>Berendrecht, Antwerpen, BELGIUM</i> <i>Burgh-H, Zeeland, NETHERLANDS</i>	(245 km, ESE, 4 yrs 293 days) (287 km, ESE, 21 yrs 266 days)
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Barn Owl

GC14043	1 Xb	08/07/21 29/11/21	JD	Finch Hatton Close Ruskington, Lincolnshire <i>Ruskington Fen, Lincolnshire</i>	(2 km, NNE, 144 days)
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GC58319	1 C=M	26/06/08 20/10/21	GP GS	Temple High Grange, Lincolnshire RAF Digby, Lincolnshire	(0 km, 13 yrs 114 days)
GR66880	1 R=M	15/08/12 13/07/14		<i>Baston Fen, Lincolnshire</i> West Pinchbeck, Lincolnshire	(12 km, NW, 1 yr 333 days)
	R=M	05/10/17	AB	Guthram Gowt, Twenty, Lincolnshire	(11 km, NW, 5 yrs 51 days)
	R=M	26/06/18	AB	Guthram Gowt, Twenty, Lincolnshire	(11 km, NW, 5 yrs 310 days)
	R=M	06/07/21	AB	Guthram Gowt, Twenty, Lincolnshire	(11 km, NW, 8 yrs 320 days)
GR95452	1 C=F	18/06/19 29/07/21	AB	nr Coates Gorse, Ingham, Lincolnshire <i>Gotham, Nottinghamshire</i>	(66 km, SW, 2 yrs 41 days)
GR97605	5F C	05/06/14 14/04/21	RS	Pinchbeck Engine, Pinchbeck Marsh, Lincolnshire nr Spalding, Lincolnshire	(2 km, S, 6 yrs 313 days)
GV00305	1 C=M	24/05/14 14/06/21		<i>Kilhams, Baston Fen, Lincolnshire</i> Cross Guns Pump, Thorney, Cambridgeshire	(23 km, SE, 7 yrs 21 days)
GV01321	1 C	28/06/14 28/06/21	AB	nr North Kyme, Lincolnshire nr Hurn Bridge, Conningsby, Lincolnshire	(6 km, ENE, 7 yrs 0 days)
GV01343	1 C=F C=F C=F C=F C=F	29/06/14 18/06/16 26/05/18 04/11/19 07/06/20 24/05/21	AB	nr Stubton, Caythorpe, Lincolnshire <i>Hawton, Nottinghamshire</i> <i>Fox Covert Nr Cotham, Nottinghamshire</i> <i>Hawton, Nottinghamshire</i> <i>Cotham, Nottinghamshire</i> <i>Cotham, Nr Newark, Nottinghamshire</i>	(9 km, WNW, 1 yr 355 days) (13 km, WSW, 3 yrs 331 days) (10 km, W, 5 yrs 128 days) (10 km, W, 5 yrs 344 days) (9 km, W, 6 yrs 329 days)
GV01425	6M R Xr	16/09/14 02/07/15 11/04/21	RS	Bradleys Br., Gorefield, Cambridgeshire Bradleys Br., Gorefield, Cambridgeshire Bradleys Br., Gorefield, Cambridgeshire	(289 days) (6 yrs 207 days)
GV11168	1 C=F	09/07/16 03/06/21		<i>Stathern, Leicestershire</i> nr Stubton, Caythorpe, Lincolnshire	(21 km, NE, 4 yrs 329 days)
GV23097	1 Xr	19/07/19 29/09/21	BGL	Amber farm Holland fen, Lincolnshire <i>Heckington, Lincolnshire</i>	(9 km, WSW, 2 yrs 72 days)
GV45705	1 Xr	24/08/16 08/06/21	AB	Holland Road Farm, Threkeingham, Lincolnshire <i>Gorse Hill Farm, Lincolnshire</i>	(4 km, NNW, 4 yrs 288 days)
GV45850	6M Xl	09/06/17 22/08/21	AB	Hanby, nr Ropsley, Lincolnshire Sapperton, Lincolnshire	(2 km, NNW, 4 yrs 18 days)
GV45893	1 Xb	12/09/17 22/08/21	GS	Fenside Rd, Boston, Lincolnshire <i>Bishop Norton, Lincolnshire</i>	(56 km, NNW, 3 yrs 344 days)
GV69573	1F C=F C=F	26/06/17 28/05/19 12/06/21		<i>Synderstone, Norfolk</i> Digby Fen, Lincolnshire Digby Fen, Lincolnshire	(73 km, WNW, 1 yr 336 days) (73 km, WNW, 3 yr 351 days)
GV71166	1F Xr	15/07/17 07/12/21	DS	<i>Lowna Fm, Raywell, Yorkshire</i> Barton on Humber, North Lincs.	(15 km, SSE, 4 yrs 146 days)
GV74188	6F Xl	10/07/18 07/07/21	AB	Ings Bridge, Old Leake, Lincolnshire Ings Bridge, Old Leake, Lincolnshire	(2 yrs 362 days)

GV74382	1 C=F Xl	25/07/18 22/07/19 27/04/21	AB RS	Bassingthorpe Rectory, Lincolnshire Lowfield Pump, Balderton, Nottinghamshire <i>Balderton, Nottinghamshire</i>	(28 km, NNW, 362 days) (28 km, NNW, 2 yrs 276 days)
GV99659	4M R	04/07/19 08/06/21	RS	Orby Beck, Orby, Lincolnshire <i>North Drain Ingoldmells, Lincolnshire</i>	(2 km, E, 1 yr 339 days)
GV99854	1F Xf	16/07/19 19/02/21	RS	nr Saltfleet St Peter, Lincolnshire <i>Theddlethorpe, Lincolnshire</i>	(4 km, E, 1 yr 218 days)
GV99901	6F Xr	13/07/19 28/07/21	AB	Louth Canal, Marshchapel, Lincolnshire <i>Horse Shoe Point, Lincolnshire</i>	(4 km, ENE, 2 yrs 15 days)
GY12089	1F C	10/08/19 16/06/21	AB	<i>Village Farm Rise, East Riding of Yorkshire</i> Pool End, Brigg, North Lincolnshire	(41 km, SSW, 1 yr 310 days)
GY13097	1F R	19/09/19 08/07/21	AB	Ropers Lane Piggery, Sutton St James, Lincolnshire <i>Sutton St James, Lincolnshire</i>	(1 yr 292 days)
GY13205	1M Xr	26/09/19 24/06/21	RS	nr Wasp's Nest, Nopton Fen Top, Lincolnshire <i>Orgeave, Sheffield, South Yorkshire</i>	(69 km, WNW, 1 yr 271 days)
GY13270	1 C=M	03/07/20 24/06/21	AB	Fosdyke Marsh, Lincolnshire Heckington Fen, Lincolnshire	(20 km, NW, 339 days)
GY13461	1M C	02/09/21 15/12/21	GS	Hillside, Welton-le-Marsh, Lincolnshire <i>Wyche, Addlethorpe, Lincolnshire</i>	(5 km, ENE, 104 days)
GY44659	1M Xr	28/07/21 09/12/21	AB	nr Hurn Bridge, Coningsby, Lincolnshire <i>Scrub Hill, Lincolnshire</i>	(2 km, NNE, 134 days)
GY44759	1 X	08/09/21 10/11/21	AB	South Kyme Fen, Lincolnshire <i>East Heckington, Lincolnshire</i>	(1 km, W, 63 days)

Little Owl

EA13594	1 Ai	28/05/20 18/02/21	AB	Stixwold, Lincolnshire <i>Metheringham, Lincolnshire</i>	(11 km, WSW, 266 days)
EA13757	1 Xr	31/05/20 02/06/21	AB	Hibaldstow Airfield, North Lincolnshire <i>Lincoln, Lincolnshire</i>	(26 km, S, 1 yr 2 days)
EW93757	6M R R R R	16/04/10 28/04/12 07/06/12 21/04/13 12/05/21	DW AB AB AB AB	Swaton Fen, Sleaford, Lincolnshire Swaton Fen, Sleaford, Lincolnshire Swaton Fen, Sleaford, Lincolnshire Swaton Fen, Sleaford, Lincolnshire Swaton Fen, Sleaford, Lincolnshire	(2 yrs 12 days) (2 yrs 52 days) (3 yrs 5 days) (11 yrs 26 days)
EY87557	1 Xb	15/06/19 04/02/21	BGL	Sibsey, Lincolnshire <i>White House Farm Southfields, Lincolnshire</i>	(6 km, E, 1 yr 223 days)

Tawny Owl

GY13308	1 Xr	07/05/21 16/10/21	AB	Ingoldsby Wood, Lincolnshire <i>Boothby Pagnell, Lincolnshire</i>	(2 km, W, 162 days)
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Swift

SH07099	4 R Xf	30/05/11 13/06/12 12/08/21	AB AB	Marston Sewage Works, Lincolnshire Marston Sewage Works, Lincolnshire <i>Grantham, Lincolnshire</i>	(1 yr 14 days) (6 km, S, 10 yrs 74 days)
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SH21275	4 X	02/06/16 25/05/21	AB	Marston Sewage Works, Lincolnshire <i>Ancaster, Lincolnshire</i>	(9 km, E, 4 yrs 357 days)
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Kingfisher

SH21475	1 Xw	12/07/20 22/07/20	JD	nr Essendine, Stamford, Lincolnshire <i>The Drift, Pickworth, Rutland</i>	(1 km, W, 10 days)
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Sand Martin

AEN5308	1 C=M	24/06/20 26/06/21	AB	<i>Rutland Water</i> Deeping St James, Lincolnshire	(29 km, E, 1 yr 2 days)
AEN5493	1 C=M	06/07/20 26/06/21	AB	<i>Rutland Water</i> Deeping St James, Lincolnshire	(29 km, E, 355 days)
AEN5981	1 C=F	22/07/20 26/06/21	AB	<i>Rutland Water</i> Deeping St James, Lincolnshire	(29 km, E, 339 days)

Swallow

ANT2230	3 C	06/09/21 28/09/21	AB	<i>Kirkton of Logie Buchan, Aberdeenshire</i> Marston Sewage Works, Lincolnshire	(495 km, S, 22 days)
AYL7968	1 C	29/06/21 31/08/21	AB	<i>North Luffenham Airfield, Rutland</i> Marston Sewage Works, Lincolnshire	(39 km, N, 63 days)

Meadow Pipit

AVK6448	3 C	10/09/20 24/03/21	AB	Marston Sewage Works, Lincolnshire <i>Walworth Moor Farm, Darlington</i>	(189 km, NNW, 195 days)
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Sedge Warbler

ARP0149	3 C	24/08/21 05/09/21	AB	Marston Sewage Works, Lincolnshire <i>Dunkirk Little Downham, Cambridgeshire</i>	(83 km, SE, 12 days)
AVK6410	3 C C=F	10/09/20 14/05/21 19/06/21	AB	Marston Sewage Works, Lincolnshire <i>Wanlip Gravel Pits, Leicestershire</i> <i>Wanlip Gravel Pits, Leicestershire</i>	(44 km, SW, 246 days) (44 km, SW, 282 days)
AVK6908	3 C	27/08/20 12/05/21	AB	Marston Sewage Works, Lincolnshire <i>Kilnsea Clays Humbershire, Yorkshire</i>	(88 km, NE, 258 days)
S377789	3 C=M	27/07/20 19/07/21	JD	Marston Sewage Works, Lincolnshire <i>Wheldrake Ings, York</i>	(103 km, N, 357 days)

Reed Warbler

ADF1114	4 C	21/07/20 26/07/21	AB	<i>Stanford Reservoir, Northamptonshire</i> Marston Sewage Works, Lincolnshire	(68 km, NNE, 1 yr 5days)
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Chiffchaff

ETN775	3J C=F	11/08/20 11/04/21	AB	<i>Hoby Melton Mowbray, Leicestershire</i> Dunsby, Bourne, Lincolnshire	(45 km, ENE, 243 days)
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Blue Tit

ACH8669	3 C=M	22/11/20 08/11/21	AB	<i>Wasps Nest, Nocton Fen, Metheringham, Lincolnshire</i> Nocton Wood, Lincolnshire	(2 km, S, 351 days)
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AKF2680	3	21/10/19	AB	Marston Sewage Works, Lincolnshire	
	R=F	15/10/20	AB	Marston Sewage Works, Lincolnshire (360 days)	
	R	16/11/20	AB	Marston Sewage Works, Lincolnshire (1 yr 26days)	
	Xw	12/04/21		<i>Marston, Lincolnshire</i>	(2 km, N, 1 yr 173 days)

Great Tit

S867072	3M	06/12/17	AB	Bourne Wood, Lincolnshire	
	Xw	02/04/21		<i>Holywell Wood, Clipsham, Lincolnshire</i>	(12 km, WSW, 3 yrs 117 days)
ARP0667	4M	27/10/21	IW	Nocton Wood, Lincolnshire	
	C	14/11/21		<i>Wasp's Nest, Nocton, Lincolnshire</i>	(1 km, NE, 18 days)
	C	30/11/21		<i>Wasp's Nest, Nocton, Lincolnshire</i>	(1 km, NE, 34 days)

Jackdaw

EX55881	1	07/06/11	AB	Dogdyke, Tattershall, Lincolnshire	
	Xl	20/06/21		<i>Home Farm, Tattershall, Lincolnshire</i>	(2 km, S, 10 yrs 13 days)

Raven

HT96013	1	05/04/19		<i>nr Ravenshead, Nottinghamshire</i>	
L = [Q]	S=b	05/05/21	AB	Bardney SBF, Lincolnshire	(56 km, ENE, 2 yrs 30 days)

Starling

LE31038	3J	04/06/12	BGL	Butterwick Village, Lincolnshire	
	VV	03/04/21		<i>Butterwick Boston, Lincolnshire</i>	(2 km, N, 8 yrs 303 days)

Tree Sparrow

AZR1689	2	07/10/21		<i>Gibraltar Point B.O., Lincolnshire</i>	
	V	17/12/21	AB	Dunsby Fen, Bourne, Lincolnshire	(53 km, WSW, 71 days)

Goldfinch

AKK2604	4F	12/09/21		<i>Cupar, Fife</i>	
	V	17/12/21	AB	Dunsby, Bourne, Lincolnshire	(423 km, SSE, 96 days)
AHE1328	4M	04/12/18	AB	Dunsby, Bourne, Lincolnshire	
	C	10/02/21		<i>Caldecote Dyke Farm, Cambridgeshire</i>	(41 km, S, 2 yrs 68 days)
AJL6414	3F	29/09/20	AB	Marston Sewage Works, Lincolnshire	
	Xw	15/02/21		<i>Marston, Lincolnshire</i>	(2 km, N, 139 days)
AJL8326	4M	17/12/20	AB	Dunsby, Bourne, Lincolnshire	
	C	20/06/21		<i>Market Rasen, Lincolnshire</i>	(61 km, N, 185 days)
AKC0550	4F	07/02/18	AB	Dunsby, Bourne, Lincolnshire	
	R	19/10/18	AB	Dunsby, Bourne, Lincolnshire	(254 days)
	R	26/10/18	AB	Dunsby, Bourne, Lincolnshire	(261 days)
	R	19/12/20	AB	Dunsby, Bourne, Lincolnshire	(2 yrs 316 days)
	Xw	23/02/21		<i>Rippingale, nr Bourne, Lincolnshire</i>	(3 yrs 16 days)

Lesser Redpoll

AZF5622	5 V=F V	27/03/19 30/12/20 30/03/21	AB	<i>High Lodge, Brandon, Suffolk</i> Dunsby, Lincolnshire Dunsby, Lincolnshire	(82 km, WNW, 1 yr 275 days) (82 km, WNW, 2 yrs 3 days)
AJL6172	4M C	15/09/20 18/03/21	AB	<i>Marston Sewage Works, Lincolnshire</i> <i>Brandon, Suffolk</i>	(104 km, SE, 184 days)
AJL6370	4M C	29/09/20 01/11/20	AB	<i>Marston Sewage Works, Lincolnshire</i> <i>Eksel, Limburg, BELGIUM</i>	(462 km, ESE, 33 days)
AJL6509	3 C=M	30/09/20 26/10/21	AB	<i>Marston Sewage Works, Lincolnshire</i> <i>Ripon Park, North Yorkshire</i>	(145 km, NNW, 1 yr 26 days)
AJL6602	3 C=M C	05/10/20 07/03/21 25/03/21	JD	<i>Finch Hatton Close Ruskington, Lincolnshire</i> <i>Devantave, Luxembourg, BELGIUM</i> <i>Devantave, Luxembourg, BELGIUM</i>	(514 km, SE, 153 days) (514 km, SE, 171 days)
AJL6862	4M C	05/10/20 17/07/21	AB	<i>Marston Sewage Works, Lincolnshire</i> <i>Howgill, Cumbria</i>	(250 km, NNW, 285 days)
AJL6892	2 C	06/10/20 04/04/21	AB	<i>Marston Sewage Works, Lincolnshire</i> <i>Nr Hollesby Heath, Suffolk</i>	(175 km, SE, 180 days)
AJL6957	4 C=F	06/10/20 18/04/21	AB	<i>Marston Sewage Works, Lincolnshire</i> <i>Budby Plantation Carburton, Nottinghamshire</i>	(41 km, NW, 194 days)
AJL7030	2 C=5 C	07/10/20 19/03/21 06/04/21	AB	<i>Marston Sewage Works, Lincolnshire</i> <i>Merton Grange, Cheshire</i> <i>Merton Grange, Cheshire</i>	(96 km, SSE, 163 days) (96 km, SSE, 181 days)
AJL7205	2 C=5M	10/10/20 19/03/21	AB	<i>Marston Sewage Works, Lincolnshire</i> <i>Merton Grange, Cheshire</i>	(96 km, SSE, 160 days)
AJL7252	4 C=F	10/10/20 18/10/20	AB	<i>Marston Sewage Works, Lincolnshire</i> <i>Farlington Marsh, Portsmouth</i>	(238 km, S, 8 days)
AJL7256	3 C	10/10/20 07/04/21	AB	<i>Marston Sewage Works, Lincolnshire</i> <i>Fir Tower, Birklands, Nottinghamshire</i>	(40 km, NW, 179 days)
AJL7325	2 C	10/10/20 26/01/21	AB	<i>Marston Sewage Works, Lincolnshire</i> <i>Edwinstow, Nottinghamshire</i>	(36 km, NW, 108 days)
AJL7328	3 C	10/10/20 13/04/21	AB	<i>Marston Sewage Works, Lincolnshire</i> <i>Hazeley Heath, Hampshire</i>	(186 km, S, 185 days)
AJL7333	3 C=F	10/10/20 11/08/21	AB	<i>Marston Sewage Works, Lincolnshire</i> <i>nr Dalchork, Highland</i>	(612 km, NNW, 305 days)
AJL7410	3 C	12/10/20 21/03/21	AB RS	<i>Marston Sewage Works, Lincolnshire</i> <i>Bourne Wood, Lincolnshire</i>	(29 km, SE, 160 days)
AJL7605	3 C=M	15/10/20 19/11/21	AB	<i>Marston Sewage Works, Lincolnshire</i> <i>Hazeley Heath, Hampshire</i>	(186 km, S, 1 yr 35 days)
AJL7689	3M C	17/10/20 19/04/21	AB	<i>Marston Sewage Works, Lincolnshire</i> <i>Gwynedd, Gwynedd</i>	(278 km, W, 184 days)
AJL8005	2 C=F	30/10/20 18/04/21	AB	<i>Marston Sewage Works, Lincolnshire</i> <i>Rinlow, South Yorkshire</i>	(73 km, NW, 170 days)

AJL8020	3M C	30/10/20 21/03/21	AB	Marston Sewage Works, Lincolnshire <i>Chevron, Liege, BELGIUM</i>	(526 km, ESE, 142 days)
AJL8081	3 VV	04/11/20 14/03/21	AB	Marston Sewage Works, Lincolnshire <i>Alma Park Grantham, Lincolnshire</i>	(6 km, SSE, 130 days)
AJL8083	3M C	04/11/20 08/05/21	AB	Marston Sewage Works, Lincolnshire <i>Portree, Highland</i>	(607 km, NW, 185 days)

Reed Bunting

ARP0487	4M C	19/09/21 25/10/21	AB	Marston Sewage Works, Lincolnshire <i>North Luffenham Airfield, Rutland</i>	(39 km, S, 36 days)
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Bowden and Ball – Grand Ringing totals 1977 – 2021

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no	Species	1977-2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	TOTAL
1	Red-throated Diver	1											1
2	Little Grebe	5											5
3	Great Crested Grebe	1											1
4	Fulmar	9											9
5	Manx Shearwater	6											6
6	Storm Petrel	313											313
7	Leach's Petrel	1											1
8	Gannet	13											13
9	Cormorant	1											1
10	Shag	4											4
11	Bittern	1									4	1	6
12	Little Egret	9	3	4		5					1	3	25
13	Grey Heron	42	4	1									47
14	Mute Swan	34		1									35
15	Pink-footed Goose	1											1
16	Greylag Goose	311	12	10	19	5							357
17	Canada Goose	430	5	6	9	8							458
18	Brent Goose	4											4
19	Shelduck	33											33
20	Mandarin	0							1				1
21	Wigeon	2											2
22	Eurasian Teal	51											51
23	Mallard	74	1		2					2			79
24	Tufted Duck	11											11
25	Eider	1											1
26	Red Kite	18	7	5	3	8	11	6	3	2			63
27	Marsh Harrier	42		9				3	2	3		4	63
28	Montagu's Harrier	4											4
29	Goshawk	2											2
30	Sparrowhawk	195	9	4	5	2	3	4	10	1	2		235
31	Buzzard	58	4	2		1		1					66
32	Rough-legged Buzzard	1											1
33	Kestrel	1680	210	191	483	54	224	211	161	303	99	217	3833
34	Merlin	2											2
35	Hobby	12							1				13
36	Peregrine	12	6	3	9	4	5	8	13	8	7	9	84
37	Red-legged Partridge	4											4
38	Grey Partridge	7											7
39	Quail	1											1
40	Water Rail	30								3	5	7	45
41	Moorhen	169								1	2	2	174
42	Coot	49											49
43	Oystercatcher	110		1	4	1							116
44	Avocet	3											3
45	Little Ringed Plover	212											212
46	Ringed Plover	164		1									165
47	Golden Plover	38	3	1	2	9							53
48	Grey Plover	58		4						1	2		65
49	Lapwing	1019	30	14	36	36	3	4	6			4	1152
50	Knot	52							2				54

Bowden and Ball – Grand Ringing totals 1977 – 2021

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no	Species	1977-2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	TOTAL
51	Little Stint	8											8
52	Temminck's Stint	1											1
53	Pectoral Sandpiper	1											1
54	Curlew Sandpiper	9		1									10
55	Purple Sandpiper	1											1
56	Dunlin	2,430	12	94		35		72	14	12			2,669
57	Ruff	74											74
58	Jack Snipe	53											53
59	Snipe	696								1	12		709
60	Woodcock	27	1				2						30
61	Black-tailed Godwit	1											1
62	Bar-tailed Godwit	1						1					2
63	Whimbrel	7											7
64	Curlew	240	15	13	17	2							287
65	Spotted Redshank	2											2
66	Redshank	148	4			2		15		1			170
67	Greenshank	20											20
68	Green Sandpiper	56								3			59
69	Wood Sandpiper	5											5
70	Common Sandpiper	56	1	2	2								61
71	Turnstone	33							1				34
72	Arctic Skua	2											2
73	Great Skua	41											41
74	Black-headed Gull	3,781	80	130				10		1			4,002
75	Common Gull	365	4	5				3					377
76	Lesser Black-bd. Gull	51			1								52
77	Herring Gull	1,906											1,906
78	Great Black-bd. Gull	293											293
79	Kittiwake	1											1
80	Common Tern	80											80
81	Arctic Tern	40											40
82	Little Tern	71											71
83	Guillemot	17											17
84	Razorbill	3											3
85	Little Auk	6											6
86	Puffin	1											1
87	Stock Dove	535	53	85	68	19	46	101	42	20	27	25	1,021
88	Woodpigeon	295	16	20	5	10	10	8	3	9	4	2	382
89	Collared Dove	275	41	12	29	27	4	3	2	2		1	396
90	Turtle Dove	63	2										65
91	Cuckoo	10							1				11
92	Barn Owl	4,422	548	468	1425	158	626	603	432	855	65	540	10,142
93	Little Owl	859	132	138	219	125	163	187	195	134	133	172	2,457
94	Tawny Owl	398	58	28	155	6	51	83	10	47		72	908
95	Long-eared Owl	7								3	1		11
96	Short-eared Owl	7											7
97	Nightjar	3											3
98	Swift	4,465	273	605	63	122	166	109	4	69	11	27	5,914
99	Kingfisher	116		3	3					6	15	5	148
100	Wryneck	1				1							2

Bowden and Ball – Grand Ringing totals 1977 – 2021

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no	Species	1977-2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	TOTAL
101	Green Woodpecker	51	3				1						55
102	Great Spotted Woodpecker	231	21	7	16	15	17	19	16	12	16	8	378
103	Lesser Spotted Woodpecker	5											5
104	Skylark	889	4		2								895
105	Sand Martin	6,046	25	40	11	14	19	2	76	24	106	68	6,431
106	Swallow	5,449	1102	908	116	240	64	144	341	234	241	70	8,909
107	House Martin	8,099	1703	684	195	796	481	417	551	387	211	106	13,630
108	Olive-backed Pipit	1											1
109	Tree Pipit	23									1	1	25
110	Meadow Pipit	666	6	2	237	48	193	33	80	14	344	135	1,758
111	Rock Pipit	8											8
112	Yellow Wagtail	406	20	6					8	91	9	1	541
113	Grey Wagtail	150	10		5	2		2	2	1	14		186
114	Pied/White Wagtail	1,018	61	8	6	21	6	2	6	19	4	1	1,152
115	Waxwing	3											3
116	Dipper	21											21
117	Wren	3,259	95	69	87	80	71	49	44	93	75	48	3,970
118	Dunnock	5,671	139	190	196	179	176	150	132	159	116	59	7,167
119	Robin	5,401	174	147	118	87	101	108	103	111	70	38	6,458
120	Nightingale	119					1						120
121	Black Redstart	0		1									1
122	Redstart	111		2							1		114
123	Whinchat	20	1								1		22
124	Stonechat	8											8
125	Wheatear	134											134
126	Ring Ouzel	35	4	1									40
127	Blackbird	12,181	411	296	198	168	171	145	157	142	63	39	13,971
128	Fieldfare	378	17	1		7	4	1	6	1	1		416
129	Song Thrush	2,331	32	35	10	10	20	19	16	18	12	1	2,504
130	Redwing	981	48	13	26	15	147	73	46	91	20	59	1,519
131	Mistle Thrush	189	3	4				1	2				199
132	Cetti's Warbler	6	7	1	3	1				12	23	8	61
133	Grasshopper Warbler	98	1							4		6	109
134	Sedge Warbler	1,651	219	235	109	33	6	2	91	23	357	171	2,897
135	Reed Warbler	2,388	293	344	106	70	38	12	110	26	307	292	3,986
136	Icterine Warbler	3											3
137	Lesser Whitethroat	831	12	8	4	10	2	1			8	1	877
138	Whitethroat	1,879	77	97	29	43	13	6	5	14	45	12	2,220
139	Garden Warbler	909	3	2	3	1	1	1			1	2	923
140	Blackcap	3,396	50	60	118	92	55	66	60	84	93	40	4,114
141	Greenish Warbler	1											1
142	Yellow-browed Warbler	4				1				2	1	1	9
143	Wood Warbler	8											8
144	Chiffchaff	1,649	39	100	102	96	82	103	66	63	100	138	2,538
145	Willow Warbler	5,932	54	61	24	42	26	18	13	21	31	49	6,271
146	Goldcrest	4,003	111	96	104	184	94	66	52	127	80	24	4,941
147	Firecrest	12	1							1			14
148	Spotted Flycatcher	335		1				13	1	14			364
149	Red-breasted Flycatcher	3								1			4
150	Pied Flycatcher	72		2							1		75

Bowden and Ball – Grand Ringing totals 1977 – 2021

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no	Species	1977-2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	TOTAL
151	Bearded Tit	4									1		5
152	Long-tailed Tit	3,815	84	123	84	53	118	81	99	70	97	45	4,669
153	Marsh Tit	483	5	4	10	11	13	7	9	8	2	1	553
154	Willow Tit	367	1			1							369
155	Coal Tit	1,416	133	101	73	100	56	54	103	43	58	15	2,152
156	Blue Tit	17,976	1280	1354	1122	947	775	855	1334	1080	1076	579	28,378
157	Great Tit	11,761	490	553	629	487	397	392	548	576	493	254	16,580
158	Nuthatch	68	11	3	13	4	4	2	2	2	1	3	113
159	Treecreeper	579	11	6	4	9	7	3	2	8	4	3	636
160	Red-backed Shrike	1											1
161	Jay	140	2	1	3	1	2	1	3	1	2	1	157
162	Magpie	97	2	2	2		1			1		1	106
163	Jackdaw	1,747	171	317	297	200	249	67	132	105	53	126	3,464
164	Rook	57			1	1	1	1	1	1			63
165	Carriion Crow	50	2							1		3	56
166	Hooded Crow	1											1
167	Raven	5		6	8	4	5		9	7		12	56
168	Starling	11,762	296	253	147	156	37	70	3	16	18		12,758
169	House Sparrow	2,660	176	153	166	172	58	75	50	87	137	40	3,774
170	Tree Sparrow	1,946	111	67	98	34	34	31	59	61	65	7	2,513
171	Chaffinch	8,513	451	350	259	346	286	296	370	418	181	102	11,572
172	Brambling	770	35	86	23	6	18	28	7	19	7	217	1,216
173	Greenfinch	13,384	390	428	553	458	716	411	418	197	139	170	17,264
174	Goldfinch	5,865	903	647	604	613	536	1051	944	641	283	221	12,308
175	Siskin	2,633	19	670	36	2	294	2	63	10	6	12	3,747
176	Linnet	922	10	9	22		3	5	4	314	16	2	1,307
177	Twite	583											583
178	Common Redpoll	74	2		5			1	4				86
179	Lesser Redpoll	1,987	326	373	85	317	147	74	76	19	1452	19	4,875
180	Common Crossbill	25											25
181	Bullfinch	2,024	19	6	13	10	5	38	19	11	20	15	2,180
182	Hawfinch	1											1
183	Lapland Bunting	290											290
184	Snow Bunting	2											2
185	Yellowhammer	2,854	474	122	153	100	116	56	33	244	32	2	4,186
186	Reed Bunting	2,760	383	343	231	260	186	103	131	421	194	50	5,062
187	Corn Bunting	25	5	2	4	2	2	1			1		42
	Yearly Total	201994	12072	11261	9029	7189	7169	6579	7322	7634	7085	4372	281,706

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Welland & Deepings IDB;	North East Lindsey IDB.	Isle of Axholme IDB;	Trent Valley IDB
Ely IDB			

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