

## FIVE YEAR SUMMARY OF WATERLOO CHRISTMAS BIRD COUNTS, 1985-1989

Paul Kittle

SPECIES	NUMBER OF INDIVIDUALS SEEN						NO. OF IND. PER 10 PARTY HOURS					
	85	86	87	88	89	X	85	86	87	88	89	X
Com Loon	18	7	21	8	0	10.8	3.3	1.0	2.6	1.2	0.0	1.6
P-b Grebe	29	29	54	13	16	28.2	5.3	4.1	6.7	2.0	2.0	4.0
Horned Grebe	38	51	80	30	27	45.2	7.0	7.2	9.9	4.5	3.4	6.4
D-c Cormorant	3	39	5	5	14	13.2	0.6	5.5	0.6	0.8	1.8	1.8
G B Heron	139	188	386	213	204	226.0	25.6	26.4	47.5	32.3	25.8	31.5
Great Egret	0	0	0	1	0	0.2	0.0	0	0	0.2	0.0	0.0
Snow Goose	1	0	0	4	1	1.2	0.2	0.0	0.0	0.6	0.1	0.2
Can Goose	1130	22	31	14	1102	459.8	208.3	3.1	3.8	2.1	139.3	71.3
Wood Duck	5	4	0	2	13	4.8	0.9	0.6	0.0	0.3	1.6	0.7
Green-winged Teal	0	0	0	0	3	0.6	0.0	0.0	0.0	0.0	0.4	0.1
Black Duck	61	32	59	144	49	69.0	11.2	4.5	7.3	21.8	6.2	10.2
Mallard	1001	170	234	111	906	484.4	184.5	23.9	28.8	16.8	114.6	73.7
N Pintail	5	0	0	0	5	2.0	0.9	0.0	0.0	0.0	0.6	0.3
Blue-winged Teal	0	0	0	2	0	0.4	0.0	0.0	0.0	0.3	0.0	0.1
N Shoveler	0	6	0	0	1	1.4	0.0	0.8	0.0	0.0	0.1	0.2
Gadwall	117	17	177	116	194	124.2	21.6	2.4	21.8	17.6	24.5	17.6
Am Wigeon	1	2	0	0	1	0.8	0.2	0.3	0.0	0.0	0.1	0.1
Canvasback	0	1	1	0	4	1.2	0.0	0.1	0.1	0.0	0.5	0.2
Redhead	1	0	0	0	0	0.2	0.2	0.0	0.0	0.0	0.0	0.0
Ring-necked Duck	4	6	3	18	21	10.4	0.7	0.8	0.4	2.7	2.7	1.5
Greater Scaup	0	6	0	0	0	1.2	0.0	0.8	0.0	0.0	0.0	0.2
Lesser Scaup	414	85	4	13	21	107.4	76.3	11.9	0.5	2.0	2.7	18.7
Oldsquaw	0	11	0	0	0	2.2	0.0	1.5	0.0	0.0	0.0	0.3
Black Scoter	6	2	0	0	0	1.6	1.1	0.3	0.0	0.0	0.0	0.3
Wh-W Scoter	8	0	2	0	0	2.0	1.5	0.0	0.2	0.0	0.0	0.3
Com Goldeneye	67	122	28	44	81	68.4	12.4	17.1	3.4	6.7	10.2	10.0
Bufflehead	36	78	126	95	60	79.0	6.6	10.9	15.5	14.4	7.6	11.0
Hooded Merganser	745	1112	782	1148	388	835.0	137.3	156.1	96.3	173.9	49.1	122.5
Com Merganser	4	1	0	27	1	6.6	0.7	0.1	0.0	4.1	0.1	1.0
Red-br-Merganser	20	59	20	52	5	31.2	3.7	8.3	2.5	7.9	0.6	4.6
Ruddy Duck	0	6	1	1	0	1.6	0.0	0.8	0.1	0.2	0.0	0.2
Black Vulture	1	20	0	0	0	4.2	0.2	2.8	0.0	0.0	0.0	0.6
Turkey Vulture	0	0	16	6	9	6.2	0.0	0.0	2.0	0.9	1.1	0.8
Osprey	0	1	0	0	0	0.2	0.0	0.1	0.0	0.0	0.0	0.0
Bald Eagle	34	59	78	72	57	60.0	6.3	8.3	9.6	10.9	7.2	8.5
N Harrier	3	4	5	8	14	6.8	0.6	0.6	0.6	1.2	1.8	0.9
Sharp-sh Hawk	1	2	2	0	1	1.2	0.2	0.3	0.2	0.0	0.1	0.2
Cooper's Hawk	3	0	0	0	4	1.4	0.6	0.0	0.0	0.0	0.5	0.2
Red-sh Hawk	3	8	11	8	5	7.0	0.6	1.1	1.4	1.2	0.6	1.0
Red-tailed Hawk	21	32	34	20	42	29.8	3.9	4.5	4.2	3.0	5.3	4.2
Am Kestrel	4	8	10	7	13	8.4	0.7	1.1	1.2	1.1	1.6	1.2
Wild Turkey	0	0	25	0	0	5.0	0.0	0.0	3.1	0.0	0.0	0.6
N Bobwhite	31	60	32	4	29	31.2	5.7	8.4	3.9	0.6	3.7	4.5
Am Coot	21	72	416	83	179	154.2	3.9	10.1	51.2	12.6	22.6	20.1
Killdeer	136	121	177	195	110	147.8	25.1	17.0	21.8	29.5	13.9	21.5
Least Sandp	0	0	3	0	3	1.2	0.0	0.0	0.4	0.0	0.4	0.1
Dunlin	0	0	0	0	2	0.4	0.0	0.0	0.0	0.0	0.3	0.1
Com Snipe	21	18	98	48	44	45.8	3.9	2.5	12.1	7.3	5.6	6.3
Am Woodcock	0	2	2	0	1	1.0	0.0	0.3	0.2	0.0	0.1	0.1
Franklin's Gull	1	0	0	0	0	0.2	0.2	0.0	0.0	0.0	0.0	0.0
Bonapart's Gull	315	549	156	742	488	450.0	58.1	77.1	19.2	112.4	61.7	65.7
Ring-b Gull	779	1306	836	962	1878	1152.2	143.6	183.3	103.0	145.8	237.5	162.6
Herring Gull	33	39	8	23	35	27.6	6.1	5.5	1.0	3.5	4.4	4.1
Great Blk-b Gull	0	0	0	1	0	0.2	0.0	0.0	0.0	0.2	0.0	0.0
Forster's Tern	1	0	9	8	2	4.0	0.2	0.0	1.1	1.2	0.3	0.6
Rock Dove	190	166	156	132	152	159.2	35.0	23.3	19.2	20.0	19.2	23.4
Mourning Dove	57	107	393	128	117	160.4	10.5	15.0	48.4	19.4	14.8	21.6

# ALABAMA BIRDLIFE

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	85	86	87	88	89	X	85	86	87	88	89	X
Barn Owl	0	0	0	1	0	0.2	0.0	0.0	0.0	1.4	0.0	0.3
Screech Owl	18	28	20	23	9	19.6	55.4	38.6	23.8	31.7	20.0	33.9
Gt Horned Owl	3	7	11	2	5	5.6	9.2	9.7	13.1	2.8	11.1	9.2
Barred Owl	1	9	11	4	5	6.0	3.1	12.4	13.1	5.5	11.1	9.0
Belted Kingfisher	34	44	35	27	20	32.0	6.3	6.2	4.3	4.1	2.5	4.7
Red-hd Woodpecker	5	18	0	10	2	7.0	0.9	2.5	0.0	1.5	0.3	1.0
Red-bl Woodpecker	39	33	52	37	98	51.8	7.2	4.6	6.4	5.6	12.4	7.2
Yellow-b Sapsucker	33	38	25	26	62	36.8	6.1	5.3	3.1	3.9	7.8	5.3
Downy Wdpkr	35	51	72	41	74	54.6	6.5	7.2	8.9	6.2	9.4	7.6
Hairy Wdpkr	4	9	8	6	12	7.8	0.7	1.3	1.0	0.9	1.5	1.1
N Flicker	65	71	116	61	93	81.2	12.0	10.0	14.3	9.2	11.8	11.4
Pileated Wdpkr	19	21	24	18	26	21.6	3.5	2.9	3.0	2.7	3.3	3.1
E Phoebe	6	13	9	3	10	8.2	1.1	1.8	1.1	0.5	1.3	1.2
Horned Lark	3	0	206	97	247	110.6	0.6	0.0	25.4	14.7	31.2	14.4
Blue Jay	182	292	53	227	214	193.6	33.5	41.0	6.5	34.4	27.1	28.5
Am Crow	200	195	340	192	156	216.6	36.9	27.4	41.9	29.1	19.7	31.0
C Chickadee	158	160	237	176	218	189.8	29.1	22.5	29.2	26.7	27.6	27.0
Tufted Titmouse	54	103	103	65	95	84.0	10.0	14.5	12.7	9.8	12.0	11.8
Red-br Nuthatch	13	4	6	2	4	5.8	2.4	0.6	0.7	0.3	0.5	0.9
Wh-br Nuthatch	14	14	36	10	24	19.6	2.6	2.0	4.4	1.5	3.0	2.7
Brown Creeper	2	12	28	12	28	16.4	0.4	1.7	3.4	1.8	3.5	2.2
Carolina Wren	27	73	79	27	74	56.0	5.0	10.2	9.7	4.1	9.4	7.7
House Wren	1	4	0	0	2	1.4	0.2	0.6	0.0	0.0	0.3	0.2
Winter Wren	4	10	31	13	19	15.4	0.7	1.4	3.8	2.0	2.4	2.1
Sedge Wren	0	0	0	3	0	0.6	0.0	0.0	0.0	0.5	0.0	0.1
Golden-cr Kinglet	22	54	117	46	182	84.2	4.1	7.6	14.4	7.0	23.0	11.2
Ruby-cr Kinglet	39	68	118	65	169	91.8	7.2	9.5	14.5	9.8	21.4	12.5
B-gray Gnatcatcher	1	0	0	0	0	0.2	0.2	0.0	0.0	0.0	0.0	0.0
E Bluebird	112	82	178	124	188	136.8	20.6	11.5	21.9	18.8	23.8	19.3
Hermit Thrush	26	42	22	25	82	39.4	4.8	5.9	2.7	3.8	10.4	5.5
Am Robin	124	543	542	1211	2616	1007.2	22.9	76.2	66.7	183.5	330.8	136.0
Gray Catbird	0	0	0	1	0	0.2	0.0	0.0	0.0	0.2	0.0	0.0
N Mockingbird	41	40	64	39	85	53.8	7.6	5.6	7.9	5.9	10.7	7.5
Brown Thrasher	15	10	4	10	24	12.6	2.8	1.4	0.5	1.5	3.0	1.8
Water Pipit	51	0	21	1	3	15.2	9.4	0.0	2.6	0.2	0.4	2.5
Cedar Waxwing	231	63	419	433	883	405.8	42.6	8.8	51.6	65.6	111.6	56.1
Loggerhead Shrike	5	16	15	13	6	11.0	0.9	2.2	1.8	2.0	0.8	1.5
Starling	950	544	1543	614	244	779.0	175.1	76.4	190.0	93.0	30.9	113.1
Solitary Vireo	0	0	1	0	0	0.2	0.0	0.0	0.1	0.0	0.0	0.0
Yellow-r Warbler	24	82	157	156	328	149.4	4.4	11.5	19.3	23.6	41.5	20.1
Pine Warbler	6	15	22	20	10	14.6	1.1	2.1	2.7	3.0	1.3	2.0
N Cardinal	317	219	444	167	421	313.6	58.4	30.7	54.7	25.3	53.2	44.5
Rufous-s Towhee	81	61	35	36	95	61.6	14.9	8.6	4.3	5.5	12.0	9.1
Tree Sparrow	0	0	0	0	2	0.4	0.0	0.0	0.0	0.0	0.3	0.1
Chipping Sparrow	45	6	23	8	5	17.4	8.3	0.8	2.8	1.2	0.6	2.8
Field Sparrow	189	238	454	182	436	299.8	34.8	33.4	55.9	27.6	55.1	41.4
Vesper Sparrow	4	3	5	1	2	3.0	0.7	0.4	0.6	0.2	0.3	0.4
Savannah Sparrow	26	117	38	66	229	95.2	4.8	16.4	4.7	10.0	29.0	13.0
Henslow's Sparrow	1	0	0	2	0	0.6	0.2	0.0	0.0	0.3	0.0	0.1
LeConte's Sparrow	1	1	0	1	4	1.4	0.2	0.1	0.0	0.2	0.5	0.2
Fox Sparrow	13	9	5	8	34	13.8	2.4	1.3	0.6	1.2	4.3	2.0
Song Sparrow	145	312	346	179	395	275.4	26.7	43.8	42.6	27.1	49.9	38.0
Lincoln's Sparrow	0	2	0	1	1	0.8	0.0	0.3	0.0	0.2	0.1	0.1
Swamp Sparrow	25	125	86	47	76	71.8	4.6	17.5	10.6	7.1	9.6	9.9
Wh-th Sparrow	463	242	272	396	751	424.8	85.3	34.0	33.5	60.0	95.0	61.6
Wh-cr Sparrow	93	7	64	34	87	57.0	17.1	1.0	7.9	5.2	11.0	8.4
Dark-eyed Junco	795	332	441	583	937	617.6	146.5	46.6	54.3	88.3	118.5	90.9
Lapland Longspur	6	0	0	0	0	1.2	1.1	0.0	0.0	0.0	0.0	0.2
Red-wg Blackbird	190	402	1025	911	762	658.0	35.0	56.4	126.2	138.0	96.3	90.4
E Meadowlark	129	120	268	107	273	179.4	23.8	16.8	33.0	16.2	34.5	24.9
Rusty Blackbird	8	13	6	12	4	8.6	1.5	1.8	0.7	1.8	0.5	1.3
Brewer's Blackbird	0	80	0	1	0	16.2	0.0	11.2	0.0	0.2	0.0	2.3
Com Grackle	74	4609	2283	2635	119	1944.0	13.6	646.9	281.2	399.2	15.0	271.2
Brown-h Cowbird	33	45	160	106	89	86.6	6.1	6.3	19.7	16.1	11.3	11.9
Purple Finch	51	30	53	2	117	50.6	9.4	4.2	6.5	0.3	14.8	7.0

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SPECIES	NUMBER OF INDIVIDUALS SEEN						NO. OF IND. PER 10 PARTY HOURS					
	85	86	87	88	89	X	85	86	87	88	89	X
House Finch	2	1	50	28	1	16.4	0.4	0.1	6.2	4.2	0.1	2.2
Pine Siskin	23	4	16	12	77	26.4	4.2	0.6	2.0	1.8	9.7	3.7
Am Goldfinch	88	167	421	281	212	233.8	16.2	23.4	51.8	42.6	26.8	32.2
House Sparrow	69	28	53	40	91	56.2	12.7	3.9	6.5	6.1	11.5	8.1
No. of Species	105	101	95	103	104	101.6						
No. of Individ.	10946	14569	15754	14195	17839							
No. of Party Hrs.	54.25	71.25	81.2	66	79.09							
No. of Owling Hrs.	3.25	7.25	8.4	7.25	4.5							
No. of Participants	15	23	25	20	25							
No. of Parties	6	7	9	8	8							

*Paul Kittle, Rt. 15, P.O. Box 288, Florence, AL 35633*

## 1989-90 FALL AND WINTER SIGHTINGS

Greg D. Jackson

The fall and winter of 1989-90 might be described as a mixed bag of treats for birders. Regular migrants were seen in normal numbers this autumn, but there were only a few real rarities. The winter, especially late December and early January, was quite exciting, with an unusual number of rare species and an abundance of birds. Many Christmas Bird Counts, particularly on the coast, set new highs for number of species, with the Gulf Shores count reaching a new Alabama and area maximum of 170 species!

August was quite dry, in contrast to the wet early summer. Precipitation in the other autumn months was normal for the season. Temperatures during the fall were also fairly normal, though there were cool periods in mid-August and late September, a cold spell in mid-October, and a rather warm period in mid-November. Rainfall in December was lower than expected, but January and February were quite wet. The big weather news was the severe cold in the early winter. This undoubtedly had much to do with the fantastic birding in the following weeks. December began cool, then three cold fronts descended in rapid succession in the middle of the month. This caused a sustained period of frigid weather; Birmingham saw four consecutive days when the temperature never rose above freezing. Muscle Shoals had a low of -5 deg. F on 23 Dec. Even in Mobile, the mercury plummeted to 9 deg. F on that date, and the high on the preceding day was only 22 deg. F. When we finally thawed, we were then treated to a winter that was unusually warm.