

SPRING BIRD COUNT—1992

John O. Fussell III

Only thirteen localities were sampled on the 1992 Spring Bird Count. This low turnout is not surprising, because the count has not been published in several years. Coverage was especially sparse in South Carolina (only one count), and on the coast (also only one count). The 1992 Spring Count was largely restricted to the North Carolina Piedmont, with eight censuses being made in that region. Indeed, the Triangle and Triad areas accounted for six counts, almost half. Perhaps, publication in *The Chat* again will bring about renewed interest in the Spring Count, and the submittal of reports from new areas in the future.

Not surprisingly, the total species list was low, only 229. Specifically, this low total can be largely attributed to poor coverage in South Carolina and along the coast. Actually, the total list of land birds was not much below average. Wilmington, with 161 species, led all counts. Inland, Jordan Reservoir and Winston-Salem had quite respectable totals of 145 and 143, respectively.

Details from numerous rare and tardy species were inadequate, and, unfortunately, three very rare/extremely rare species had to be deleted because of inadequate details. Please note, if a bird is considered to be rare, then it must be described. A mere statement that a bird was seen by John and Jane Dole does not represent a description. It should be stressed that providing adequate details does not necessarily entail a laborious undertaking for the compiler; many marginally rare species can be adequately detailed with just two or three lines. However, the description must rule out all other species. For extremely rare species, especially ones that are similar to more common species, a page of details may be needed to adequately document the record. Compilers are especially challenged to adequately document late Purple finches; I suspect that some of the reported "Purple Finches" are actually House Finches.

Because of the overall poor documentation, and lack of compiler's comments, few compiler's appear in the comments section of the 1992 Spring Count. Of course, the poor level of documentation is understandable, in that the count has not been published in a decade. With the re-publication of the Spring Count, we are asking that compilers do a better job of documenting rare sightings. We also urge that compilers provide other comments, e.g. descriptions of how changes in land use have affected their count circles, and descriptions of some of the more striking changes in bird life in their areas over the years.

With the first publication of the Spring Count in a decade, it is indeed interesting to look through the count table, and note some changes in numbers that have occurred for many species during the last ten to fifteen years or so. Some of the counts that really stand out are listed here:

Double-crested Cormorant. This species is much more common on North Carolina Piedmont counts than formerly.

Canada Goose. Geese were recorded on every count, much in contrast to former years. Undoubtedly these are birds established from feral populations.

Bald Eagle. This species represents a real success story for the last decade. The total of eighteen birds contrasts sharply with a decade ago; not one eagle was found on the 1982 Spring Bird Count.

Cooper's Hawk. This bird continues to slowly increase as a resident species. On this year's count, more Cooper's (18) were found than sharpies. Formerly, I would have dismissed this sort of ratio as being the result of misidentifications, but no more. Several observers now comment about how it is increasingly easy to find Cooper's Hawks on Christmas Counts.

Wild Turkey. Seven birds were found on three counts. Might the day come when turkeys are easier to come by than Northern Bobwhites?!

Northern Bobwhite. Even considering that only thirteen counts were made, the total of 185 individuals is quite dismal. A few localities had only single-digit counts, and Wilmington had but a single bird.

American Coot. Only five were tallied, a notably low figure compared to one-two decades ago. Was the productivity of the Piedmont's reservoirs largely a temporary phenomenon?

American Woodcock. A total of only four individuals was found. Let's hope that this decrease is at least in part cyclical.

Common Snipe. Surprisingly, the total count of this species (ten) was also rather dismal.

Ring-billed Gull. A total of 631 was found in the North Carolina Piedmont. The region's reservoirs are perhaps important primarily as sites for roosting.

Barn Owl. None were reported on any of the counts. Many active field observers have commented on the increasing degree of difficulty of finding the species, even in the winter. Some suggest that an increase in Great Horned Owl populations is at least part of the problem.

Chuck-will's-widow and Whip-poor-will. Notably low totals, 44 and 94 respectively, were recorded for both species, which are undoubtedly losing habitat as rural areas are transformed to suburbia. Notably, on the Wilmington count, more Whip-poor-wills were tallied than Chuck-will's-widows. Twenty years ago, that situation would have been considered laughable.

Loggerhead Shrike. Eighteen individuals were found on the North Carolina counts. Taking the low number of reports into consideration, this total is roughly comparable to totals of a decade ago. Many feel that this species has now leveled off across most of the state, and may even be increasing slightly at a few localities.

Bachman's Sparrow. Only four individuals of this Federal candidate species were found, not surprising in that most reports were from the North Carolina Piedmont. However, only two individuals were reported from Wilmington.

Winter finches. As one active birder now says, "What are they?" No Evening Grosbeaks were found, and the only Pine Siskins were in the mountains. Perhaps several of the reported Purple Finches were actually House Finches. Of course, the numbers of winter finches have always gone up and down from year to year. Nowadays though, they stay down.

House finch. They just get more and more common. Six birds were found on the coast at Wilmington, and, in North Carolina, House Finches are now breeding almost everywhere.

House Sparrow. Although few would be interested, less than a thousand individuals of this species were tallied. In fact, the total count of House Finches was almost as high as the total count of House Sparrows, a ratio that most of us that live in urban and suburban areas would not find surprising.

WINC — Wilmington, N.C. 34°08'N 77°53'W, as described Christmas '91, center Myrtle Grove Jct. Apr. 25; 5:00 a.m. to 7:00 p.m. Temp 62° to 83°F, Wind NW, 10–20 mph. Sunny, becoming partly cloudy late afternoon, 0.33 in rain.

Participants: Compiler—Kitty Kosh, 188 Lake Forest Pkwy, Wilmington, NC 28401; Mark Galizio, Steve Hambalek, John Hardwick, Angela Kosh, Kitty Kosh, Greg Massey, Jeremy Nance, Jane Ranney, Beth Wesley, Rachel Willow.

Compiler's comments: John Hardwick and Mark Galizio took a boat from Masonboro Inlet down the waterway to Orton Plantation. They saw the Purple Sandpipers on the jetty at the inlet, the Piping Plover on Masonboro Island. Hardwick saw the Merlin and both saw the Peregrine Falcon at close range near a dredge island. Both saw the Bald Eagle near Orton. They also saw the Vesper Sparrow on one of the dredge islands.

Greg Massey and Jeremy Nance saw the Great Cormorants at Masonboro Inlet late in the afternoon.

Kitty and Angela Kosh saw the female Rose-breasted Grosbeak and the Canada Warbler in Bellview Cemetery (17th & Princes Place Dr., several blocks from Oakdale.) about noon. Both species responded to a Screech-Owl tape. The yellow spectacles, yellow throat, breast and belly and black necklace on the breast were seen at about 25 feet at eye level for about 2 min on the Canada Warbler.

GVNC — Greenville, N.C. 35°35'N 77°14' W, as described Christmas '91, center jct. CR 1762 and SR 33. May 2; 5:15 a.m. to 9:30 p.m. Temp 56° to 77°F, Wind 10–15 mph in a.m., calm late p.m. Sky clear.

Participants: Compilers—John Wright, 1953A Quail Ridge Rd, Greenville, NC 27858 and Dr. Veronica Pantelidis, 106 Lakeview Dr. Greenville, NC 27858; Mary Atkeson, Larry Auld, Marie Britt, Eric Dean, Lorraine Graff, Randy Holley, David Kaminski, Jill Kaminski, Nick Pantelidis, Jr., Veronica Pantelidis, Grace Smith, James Smith, Russ Tyndall, Howard Vainright, John Wright.

RVNC — Raven Rock State Park, N.C. 36°24'N 77°38'W, as described Christmas '91, center, bridge over Cape Fear River at Lillington. May 2, 5:40 a.m. to 8:00 p.m. Temp 48° to 90°F, Wind SW 0–10 mph, Sky fair.

Participants: Compiler—Paul C. Hart, Raven Rock State Park, Rt. 3, Box 1005, Lillington, NC 27546; David Brown, John Bumgarner, Susan Bumgarner, Paul Hart, Scott Hartley, Town Howard, Bobby Lufty, Larry Rose, Larry Rowland, Mary Stevens.

Compiler's comments: Paul Hart and David Brown heard the King Rail call in response to a Screech-Owl tape at a cattail marsh in an old sand and gravel pit 3 mi. S of Lillington. David Brown reported the Bald Eagle flying near the Wildlife Boating Access Area on the Cape Fear River near Lillington.

COSC — Columbia, S.C. 33°56'N 80°55'W, as described Christmas '91, center jct. Mill Creek and Southern Railroad, May 2, 6:00 a.m. to 6:30 p.m. Temp 60–85°F, Sky, partly cloudy.

Participants: Compiler—Robin Carter, 4165 E. Buchanan, Columbia, SC 29206; Molly Bonnell, Robin Carter, Caroline Eastman, Glenn Englehardt, Henry Fuseler, Tom Hankins, Dale Hutto, Miriam Rawl, Bruce Smart, Glenn Smith, Jack Stewart, Lula Stewart, Bob Wood, Ruthann Wooten.

RANC — Raleigh, N.C. 35°46'N 78°40'W, as described Christmas '91, center, Lake Wheeler Rd. and Norfolk & Southern RR. May 2, 5:00 a.m. to 9:00 p.m. Temp 53–86°F, Wind SW 10–25 mph, Sky clear.

Participants: Compiler—Bob Hader, 3313 Cheswick Drive, Raleigh, N.C. 27609; Halbert Carmichael, John Connors, Leigh DeNeef, Harry Fabert, John Finnegan, Bob Hader, Stephanie Horton, Will Kimler, Jim Mulholland, Clyde Smith, Jeff Walters.

DUNC — Durham, N.C. 36°09'N 78°52'W, as described Christmas '91, center one mile E and 1 mile N jct. Eno River & US 501, Apr. 26, 5:00 a.m. to 6:00 p.m. Temp 45–55°F, Wind N 5-15 mph, Sky clear in a.m. with increasing clouds throughout the afternoon.

Participants: Compiler—Michael Schultz, 5504 Woodberry Rd., Durham, NC 27707; Norm Budnitz, Anson Cooke, Kent Fiala, Steve Graves, Maurice Graves, Scott Hartley, Eleanor Holland, Ken Knapp, David Longley, Beth Morrison, Vaughn Morrison, C. J. Nelson, Len Pardue, Dorothy Rettig, Richard Rettig, Barbara Roth, Harriet Sato, Lois Schultz, Michael Schultz, Doug Shadwick, Edith Tatum.

Compiler's comments: Historically, when the calendar grants Durham a later count day, we get a much better showing of migrants and passerines. This year was no exception, as we turned in one of the best counts ever for these birds. Twenty-three species of warblers (topped by Kent Fiala's Wilson's Warbler, our first since 1974!) highlights one of the nicest lists of passerines ever found on a Durham count. Birds associated with the water, however, were another story. Falls Lake continues to be disappointing. Duck and shorebird numbers were dismal, more like pre-lake days than the record counts of the 80's. We have not seen a single diving bird (except cormorants) in three years, and even the ever increasing Ring-billed Gulls were in lower numbers than we have seen in years. Wood Ducks seem to be the only species benefiting from the lake, (and nest boxes). 46 was a new high count.

Two species were added to the list for the first time this spring. After many near misses, and stake-outs that wouldn't show up on count Day, Wild Turkeys joined us with a vengeance, four individuals were reported by three different parties! The other new bird came from Steve Graves, Doug Shadwick, and C.J. Nelson who watched a Black-billed Cuckoo, in their scope, eating caterpillars, for five minutes.

CPNC — Chapel Hill,—N.C. 35°55'N 79°03'W, as described Christmas '91, center, intersection of Franklin and Columbia Sts in Chapel Hill. May 3, 5:30 a.m. to 6:00 p.m. Temp 65–85°F. Sky cloudy in a.m., clear in p.m.

Participants: Compiler—Anson Cooke, 1210 Huntsman Dr., Durham, NC 27713; B. Bomberg, A. Booth, S. Brackett, A. Broughton, N. Budnitz, H. Carmichael, C. Cook, A. Cooke, K. Cooke, W. Fang, K. Fiala, B. Fisher, P. Franklin, J. Garner, L. Garner, M. Graves, S. Graves, P. Haaland, S. Hale, C.

Hamilton, J. Hansen, W. Haywood, Pat. Hobson, Pete Hobsen, H. Hommersand, L. Houser, E. Kilgour, B. Leuchtenburg, H. Link, T. London, K. Lindstrom, J. McCoy, J. McLean, M. Nees, E. Pardue, L. Pardue, K. Powell, T. Plummer, A. Reckhow, Z. Ralston, D. Rettig, R. Rettig, B. Roth, H. Sato, D. Shadwick, J. Shields, L. Schultz, M. Schultz, E. Spalt, D. Tinker, B. Wagstaff, W. Wood.

JLNC — Jordan Lake, N.C. 35°42'N 79°03'W, as described Christmas '91, center, jct. New Hope River & SR 1700, Chatham Co. (now under water). May 10, 4:45 a.m. to 8:15 p.m. Temp 45-75°F, Wind 5-12 mph, Sky clear to partly cloudy.

Participants: Compiler—Stephen Hall, 204 B Dairyland Rd., chapel Hill, NC. 27516; Barbara Beamon, Annie Leigh Broughton, Norm Budnitz, Pat Coin, Paul Conklin, Will cook, Anson Cooke, Claudia Egelhoff, Bryan Goldston, Steve Graves, Maurice Graves, Bob Hader, Stephen Hall, Carol Hamilton, Russell Herman, Denny Hood, Mary Johnson, Stephen Kahler, Raymond Kandt, James Keighton, John Kent, Ken Knapp, Tom Krakauer, Janet Krakauer, Winston Lancaster, Henry Link, Terry Logue, Becky Marty, Melinda Meade, Monica Nees, C.J. Nelson, Elizabeth Pendergraft, Richard Rettig, Dorothy Rettig, Barbara Roth, Larry Rowland, Kathy Rowland, Harriet Sato, Doug Shadwick, Julia Shields, Carol Tingley, Andy Upshaw, Lee Van Malssen..

Compiler's comments: The Wilson's Warbler was seen twice by Jim Keighton and the Krakauers at Ebenezer Point where they also saw the Willow Flycatcher. Terry Logue reported another Wilson's Warbler at Polkberry Creek on Bynum Ridge Road. Logue also reported the Bachman's Sparrow on SR 1912 out of Merry Oaks. The Rettigs reported seeing the Common Tern at Poplar Point Recreation Area from a distance of about 200 feet. Andy Upshaw & Bryan Goldston reported the American Bittern at Wombles Creek and the Loggerhead Shrike about 1/4 mi E of Wombles Creek.

ALNC — Alamance County, N.C. 36°04'N 79°24'W, as described Christmas '91, center, Alamance County Courthouse, City of Graham. May 3, 6:00 a.m. to 7:00 p.m. Temp 63-83°F, Wind light, Sky alternating clouds and sun.

Participants: Compiler—Robert E. Mize, 1114 McPherson Rd., Burlington, NC 27215; John Alderman, Carolyn Allen, Don Allen, Ann Beckwith, Rick Brown, Rod Brown, Sheryl Brown, Thom Cox, Bill Larkin, Joshua Lobe, Jude Lobe, Bobby Mize, Lynn Moseley, Jim Thorsen, Laurie Wolf.

GRNC — Greensboro, N. C. 36°04'N 79°47'W, as described Christmas '91, center, jct. Pisgah Church Rd & US 220 N. May 2, 5:00 a.m. to 6:00 p.m. Temp 51-84°F, Wind SW at 9 mph in the a.m. to 13 mph in the p.m. Sky partly cloudy in the a.m. to clear in the p.m.

Participants: Compiler—Donald Allen, 2611 David Caldwell Drive, Greensboro, NC 27408; Carolyn Allen, Donald Allen, Dennis Burnette, Lynn Burnette, Nina Dameron, Peggy Ferebee, Bert Fisher, Delores Fouch, Wally Fouch, Stan Gilliam, Carol Harrison, Herb Hendrickson, Jeff Hole, Sally Howell, Mildred Kallenbach, Elizabeth Link, Henry Link, Jean McCoy, Roger

McNeill, Clarence Mattocks, Jim Mattocks, Lynn Moseley, Elizabeth Ogburn, Evelyn Schoonover, John Schoonover, Barbara Smith, Dick Smith, Tom Street, Ernest Swarts, Lucille Swarts, Kathy Treanor, Larry Treanor, Emily Tyler, Helen Zuk.

WSNC — Winston-Salem, N.C. 36°05'N 80°18'W, as described Christmas '91, center, jct. I-40 & Silas Creek Parkway. May 3, 4:30 a.m. to 7:00 p.m. Temp 66–83°F, trace of rain in a.m., Wind W at 10 mph. Sky cloudy in early a.m., sunny by mid-morning and onward.

Participants: Compiler—Hop Hopkins, 313 Susanna St., Kernersville, NC 27284; Kay Bergey, J.D. Bottoms, Todd Buchanan, Reggie Burt, Zack Bynum, John Carter, Lee Carter, Peg Cochrane, Marie Dantier, Doug DeNeve, David Disher, Susan Disher, Tom Echols, Marry Eriksen Charlie Frost, Toby Gordon, Bill Hammond, Susan Hammond, Jim Harrison, Bert Hollifield, Hop Hopkins, Bill Jackson, Brook Jackson, Lois Jones, Phillip Martin, Osborne Mauck, Hewson Michie, Ellen Milford, Teresa Milford, Susan Moore, George Morgan, Jeff Morgan, Margaret Morgan, Mary Morse, Tom Mowbray, Ed Mulvey, Margaret Mulvey, Ann Newsome, Elsie Orr, Barbara Page, Breed Poland, Ann Pollard, Edwin Poole, Paul Powers, Lloyd Ramsey, Jackie Shelton, Jerry Shiffert, David Shuford, Ramona Snavely, Paul Spain, Jim Spencer, Jack Stafford, Bobby Stockton, Gray Tuttle, Jay Wilhelmi Mark Wilson.

ICNC — Iredell County, N.C. 35°54'N 80°53'W, as described Christmas '91, center, Chipley Ford Rd bridge at South Yadkin River. May 3, 7:00 a.m. to 5:00 p.m.. Temp 60–84°F, Wind W at 10–15 mph. Sky partly cloudy in a.m. sunny in p.m.

Participants: Compiler—Sam Cathey, 130 Park St., Statesville, NC 28677; Penny Benbow, Sam Cathey, Lois Goforth, Thad Goforth, Steve Hedrick, Richard Holshouser, Larry Marlin, Joel McConnell, Sue McConnell, Dick Mize, Janice Powell, Garnet Underwood, Ron Underwood.

BRNC — Brevard, N. C. 35°11'N 82°41'W, as described Christmas '91, center, Rich Mountain Fire tower. May 2, 7:00 a.m. to 5:00 p.m. Temp 55–80°F, Wind 5-20 mph Sky clear.

Participants: Compiler—Norma Siebenheller, 187 Glen Cannon Dr., Pisgah Forest, NC 28768; Elaine Badger, Dorothy Bauer, Ruth Blanchard, Dick Blee, Sylvia Blee, Jack Bronson, Midge Bronson, Bernice Cross, Barbara Feltz, Eloise Fenneberg, Mary Fortune, Kim Garrett, Jeanne Grimmenga, Lois Haskell, Ed Hathaway, Ruth Hathaway, Barbara Herzog, Paul Higy, Nancy Hill, Bill Hough, Jean Hough, Jack Hudson, Becky Huggins, John Huggins, Tom Joyce, Ruth Klock, Dennis Koskren, Eileen Lampe, Mary Ellen Lindley, Louise Mather, John Mather, Betty McIlwain, Erika Parmi, Miles Peelle, Ann Pitts, Irvin Pitts, Rita Roehr, Beth Rogers, Florence Rogers, Speed Rogers, Mary Sauerteig, Frank Schoff, Don Seriff, Bill Siebenheller, Norma Siebenheller, Scott Stegenga, Ginny Tener, Bill Thomas, Shirl Thomas, Dick Thorsell, Gladys Tietgen, Connie Updike, Laurie Wauchope, Beth Wheeler, Jennifer Wren.

Species	WINC	GVNC	RVNC	COSC	RANC	DUNC	CPNC	JLNC	ALNC	GRNC	WSNC	ICNC	BRNC	Total
Common Loon	28						2	2						32
Pied-billed Grebe	4	*									1		1	6
Horned Grebe	1													1
Northern Gannet	6													6
Brown Pelican	183													183
Great Cormorant	3													3
Dbl.-cr. Cormorant	466	9	5	7	1	245	92	142	13	9	4		16	1009
Anhinga	1			15										16
American Bittern								1						1
Least Bittern	1													1
Great Blue Heron	46	6	2	33	6	6	10	24	2	5	4	3	*	147
Great Egret	44	1		24				2						71
Snowy Egret	34													34
Little Blue Heron	31	1		7										39
Tricolored Heron	27													27
Cattle Egret	12	1	2	107		11				5				138
Green-backed Heron	12	2	7	13	11	12	15	24	2	13	8		1	120
Black-cr. Night-Heron	7													7
Yellow-cr. Night-Heron	11										2			13
White Ibis	22													22
Glossy Ibis	12													12
Canada Goose	6	3	9	15	22	23	103	9	29	227	185	24	36	691
Wood Duck	7	66	8	24	21	46	48	50	6	19	13	2	5	315
American Black Duck					2					*	2	1		5
Mallard	4	3	6	43	29	51	51	17	10	236	58	17	19	544
Blue-winged Teal	36				*			1			1			38
Ring-necked Duck		1								1	1		3	6
Lesser Scaup		1												1
Red-br. Merganser	14													14
Black Vulture		5		20		5	14	8	1	1			14	68
Turkey Vulture	8	35	7	12	3	18	71	114	13	36	18	16	44	395
Osprey	34	1	2	3	1	4	5	12	1	5	3		3	74

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Species	WINC	GVNC	RVNC	COSC	RANC	DUNC	CPNC	JLNC	ALNC	GRNC	WSNC	ICNC	BRNC	Total
Mississippi Kite				10										10
Bald Eagle	1	3	1			1	7	5						18
Northern Harrier	1				1	1	1	1						5
Sharp-shinned Hawk					1	1	5	1	2		1	3	1	15
Cooper's Hawk		1	1	1	*		1	1	3	3	6	1		18
<i>Accipiter sp.</i>						1								1
Red-shouldered Hawk	1	3	7	5	11	3	25	22	1	4	1			83
Broad-winged Hawk			3			4	3	7	2	2	5	2	9	37
Red-tailed Hawk	12	23	23	7	12	28	29	31	14	19	15	6	6	225
American Kestrel	*				2	4	1		1	3	1		2	14
Merlin	1													1
Peregrine Falcon	1													1
Ruffed Grouse													2	2
Wild Turkey						4		1	*				2	7
Northern Bobwhite	1	17	13	13	16	15	19	38	7	18	13	9	6	185
Clapper Rail	13													13
King Rail	2		1											3
Virginia Rail					1									1
Sora	3													3
Common Moorhen	8													8
American Coot	1					1				3				5
Black-bld. Plover	196													196
Wilson's Plover	1													1
Semipalmated Plover	322							4			2			328
Piping Plover	1													1
Killdeer	30	21	24	16	23	26	33	32	30	42	26	12	5	320
Am. Oystercatcher	43													43
Greater Yellowlegs	40	1	2	2	2					1	1			49
Lesser Yellowlegs	36		3		3	2		6			17			67
Solitary Sandpiper	1		1	2	15	11	3	20	3	16	45	4	3	124
Willet	95													95
Spotted Sandpiper	9	3	3	8	6	21	10	70		10	19	2	8	169

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Species	WINC	GVNC	RVNC	COSC	RANC	DUNC	CPNC	JLNC	ALNC	GRNC	WSNC	ICNC	BRNC	Total
Whimbrel	89													89
Marbled Godwit	38													38
Ruddy Turnstone	90													90
Sanderling	57													57
Semip. Sandpiper	46							6			*			52
Least Sandpiper	77	2			2			5			28			114
Pectoral Sandpiper		1		2							2			5
Purple Sandpiper	2													2
Dunlin	362													362
Stilt Sandpiper	1													1
Sh.-billed Dowitcher	429													429
L.-billed Dowitcher	2													2
Common Snipe			1		3	3				1	1		1	10
Am. Woodcock										3	1			4
Laughing Gull	405													405
Bonaparte's Gull	11							3						14
Ring-billed Gull	272	13		81	20	150	24	282	2	112	40	1		997
Herring Gull	36							1						37
Gt. Blk-backed Gull	3													3
Gull-billed Tern	2													2
Caspian Tern	3				*			2						5
Royal Tern	141													141
Sandwich Tern	42													42
Common Tern	63							1						64
Forster's Tern	44									1				45
Least Tern	94													94
Black Skimmer	159													159
Rock Dove	65	12	17	175	88	46	83	19	39	93	61	7	25	730
Mourning Dove	95	191	176	259	136	192	379	243	123	242	270	202	136	2644
Black-billed Cuckoo						1						1		2
Yellow-billed Cuckoo	4	5	3	13	2		11	20	1	4	2	2		67
East. Screech-Owl	3	3	2	1	2	2		3	1		4		5	26

Species	WINC	GVNC	RVNC	COSC	RANC	DUNC	CPNC	JLNC	ALNC	GRNC	WSNC	ICNC	BRNC	Total
Gt. Horned Owl		4		1		2	3	3		3	7	3		26
Barred Owl	3	10	6	8	4	8	14	12	3	8		1	2	79
Common Nighthawk	7	4	1	2	7	2			1	2	25	2		53
Chuck-will's-widow	7	15	10		2			6			2	2		44
Whip-poor-will	8	9	13		*	5	22	19	1	4	3	8	2	94
Chimney Swift	56	50	82	52	52	276	293	206	81	154	186	106	52	1646
Ruby-thr. Hummingbird	5	13	13	12	7	13	51	17	6	6	12	13	44	212
Belted Kingfisher	1	1	5	4	11	8	16	10	2	16	14	8	7	103
Red-head. Woodpecker	10	3	2	23	3	3	22	19		13	4	2		104
Red-bel. Woodpecker	39	26	41	56	54	45	79	100	29	95	78	16	17	675
Yellow-bel. Sapsucker							2				3			5
Downy Woodpecker	11	8	15	4	18	16	49	26	5	29	20	6	25	232
Hairy Woodpecker	3				4	5	18	8	3	7	8	2	11	69
Northern Flicker	21	11	9	7	25	15	52	30	14	52	38	14	17	305
Pileated Woodpecker	4	9	3	9	3	3	18	19	1	1	5	4	57	136
Eastern Wood-Pewee	6	16	17	13	5	5	52	57	17	7	18	7	9	229
Acadian Flycatcher	10	27	24	18	21	2	81	36	4	2	4	2	4	235
Willow Flycatcher								1			4		1	6
Least Flycatcher							1	1						2
Eastern Phoebe		2	17		8	46	66	58	29	13	28	52	83	402
Gt. Crested Flycatcher	58	32	25	64	30	14	33	43	7	12	29	8	15	370
Eastern Kingbird	14	8	115	89	31	24	80	113	17	28	24	52	27	622
Horned Lark		2	2							6		3		13
Purple Martin	95	50	51	33	53	8	58	97	45	169	117	242	3	1021
Tree Swallow	43	2	10	8	1	43	1	32			3			143
N. Rough-w. Swallow	23	11	15	27	8	55	32	103	4	33	30	15	38	394
Bank Swallow			3					72						75
Cliff Swallow						10	4	50		1	2			67
Barn Swallow	107	50	140	43	23	307	88	333	51	110	101	119	153	1625
Blue Jay	54	57	88	41	44	122	160	112	64	214	173	78	136	1343
American Crow	19	69	68	79	77	93	268	235	53	203	103	135	258	1660
Fish Crow	130	15	5	19	16	2	6	7		2	*			202

Species	WINC	GVNC	RVNC	COSC	RANC	DUNC	CPNC	JLNC	ALNC	GRNC	WSNC	ICNC	BRNC	Total
Common Raven											2		1	3
Carolina Chickadee	33	41	48	119	53	138	261	189	49	139	135	36	125	1366
Tufted Titmouse	42	24	50	58	55	96	230	135	28	90	104	36	121	1069
Red-br. Nuthatch													1	1
White-br. Nuthatch	1	4		1	4	9	17	2	4	18	18	4	36	118
Brown-he. Nuthatch	26	1	8	19	6	4	37	36	9	26	16	1		189
Brown Creeper					2								1	3
Carolina Wren	41	62	66	67	104	133	318	173	50	188	163	30	110	1505
House Wren	1	1	1		10	9	38	5	8	20	20	8	9	130
Sedge Wren	2													2
Marsh Wren	3													3
Golden-cr. Kinglet						2					2		4	8
Ruby-cr. Kinglet				7	1	14	2	14	8	9	22	2	5	84
B-g. Gnatcatcher	36	55	68	47	58	195	268	186	31	56	68	12	36	1116
Eastern Bluebird	23	33	108	73	28	127	202	196	90	140	130	188	112	1450
Veery		1	2	1	8	2		1	1	5	7	2	1	31
Gray-cheek. Thrush					2						1			3
Swainson's Thrush			2	1	4	2	9	16	*	13	28	1	1	77
Hermit Thrush		1				2				1	2	4	1	11
Wood Thrush	17	40	29	15	32	36	140	81	33	87	46	12	40	608
American Robin	52	102	78	69	118	222	253	134	207	593	610	230	190	2858
Gray Catbird	21	15	35	20	41	34	72	74	15	54	36	17	28	462
No. Mockingbird	70	80	111	87	69	96	201	80	106	267	187	114	24	1492
Brown Thrasher	21	33	30	18	11	11	45	42	14	42	30	23	47	367
American Pipit		1												1
Cedar Waxwing	110	35	1	20	37	88	182	33	13	75	166	45	29	834
Loggerhead Shrike	1	6	5	27	1	1		1				3		45
European Starling	290	253	164	133	158	267	498	232	173	645	513	177	140	3643
White-eyed Vireo	40	31	41	22	39	60	64	58	10	12	6	1	15	399
Solitary Vireo				1	2	3	3	3			8		45	65
Yellow-thr. Vireo	6	6	1		6	10	30	18	3	2	7	3	3	95
Warbling Vireo					*						1			1

Species	WINC	GVNC	RVNC	COSC	RANC	DUNC	CPNC	JLNC	ALNC	GRNC	WSNC	ICNC	BRNC	Total
Philadelphia Vireo											*			0
Red-eyed Vireo	18	28	81	41	77	164	285	246	46	114	86	44	62	1292
Blue-winged Warbler					*	7	4	1	1		6	1	1	21
Golden-wi. Warbler					*						1			1
Tennessee Warbler											*			0
Northern Parula	32	17	30	41	27	58	106	74	8	12	15	4	55	479
Yellow Warbler		3	1	2	6	15	10	29	4	10	50	7	16	153
Chestnut-sided Warbler				1	*	2	3	6	1	5	27	1	16	62
Magnolia Warbler				1	*		3	5		*	12	1		22
Cape May Warbler					1	1	4	3	1	6	35	11	10	72
Blk-thr. Blue Warbler	5	4	9	8	11	10	29	45	2	17	21	4	39	204
Yellow-rump. Warbler	273	134	30	65	160	535	325	340	75	171	223	59	63	2453
Blk-thr. Green Warbler						1	3	8		1	17	3	10	43
Blackburnian Warbler		1					2	5			6	1	3	18
Yellow-thr. Warbler	19	9	24	8	10	29	42	53	2		9		1	206
Pine Warbler	33	12	74	45	41	71	122	227	10	52	32	10	2	731
Prairie Warbler	7	14	25	5	4	26	55	81	1	2		2		222
Palm Warbler			1			15	2	9			1	3	24	55
Bay-breasted Warbler							2	2			4			8
Blackpoll Warbler		1		3				2			8	2	5	22
Cerulean Warbler										*				0
Blk-and-white Warbler	2	12	27	4	8	25	24	44	1	5	35	6	56	249
American Redstart			9	9	12	24	46	89	1	9	16	5	4	224
Prothonotary Warbler	22	41	22	25	5	4	39	19	1	4	3			185
Worm-eating Warbler		2	3		1	1		5		2	1		21	36
Swainson's Warbler		4		2									2	8
Ovenbird	*	20	37	3	26	31	73	101	10	15	3	1	74	394
Northern Waterthrush	2	3	1	3	1	2	2	2		*	2		1	19
Louisiana Waterthrush		8	8		3	8	15	7	1		3		4	57
Kentucky Warbler		7	5	7	2		17	3			1		3	45
Common Yellowthroat	22	24	72	14	61	75	145	105	16	42	19	7	31	633
Hooded Warbler	3	8	29	10	4	30	65	46	1	3	2		91	292

Species	WINC	GVNC	RVNC	COSC	RANC	DUNC	CPNC	JLNC	ALNC	GRNC	WSNC	ICNC	BRNC	Total
Wilson's Warbler						1		2						3
Canada Warbler	1		*					3		2	3	3	1	13
Yellow-br. Chat	7	13	21	21	20	36	82	78	3	15	7	27	5	335
Summer Tanager	17	15	37	26	25	15	75	102	13	8	7	2	*	342
Scarlet Tanager	*	2	5	2	14	15	71	51	19	30	44	5	66	324
Northern Cardinal	89	87	114	93	103	175	485	246	106	333	255	113	178	2377
Rose-br. Grosbeak	1		1	1	4	1	3	14	1	8	44	2	10	90
Blue Grosbeak	8	53	50	10	15	28	48	78	21	13	10	31	2	367
Indigo Bunting	30	54	74	44	37	23	223	218	54	98	90	74	38	1057
Painted Bunting	12			1										13
Rufous-sided Towhee	19	14	30	27	48	105	163	113	34	89	70	21	190	923
Bachman's Sparrow	2							2						4
Chipping Sparrow	6	20	88	12	30	84	108	145	21	69	58	29	76	746
Field Sparrow		30	63	6	41	72	65	42	23	52	19	37	19	469
Vesper Sparrow	1													1
Savannah Sparrow	11	1	6		15	26	1	4		5	8		10	87
Grasshopper Sparrow		3	5		3	12	4	3	4	9	9	23	1	76
Henslow's Sparrow		1												1
Sharp-tailed Sparrow	9													9
Seaside Sparrow	4													4
Song Sparrow		1	21		25	22	8	4	21	114	113	12	201	542
Swamp Sparrow	11	1	2	2	8	20	11	6	2			2	1	66
White-thr. Sparrow	33	19	16	16	65	172	105	17	9	131	73	14	36	706
White-cr. Sparrow		2			2	1			2		2		2	11
Dark-eyed Junco			2		5			1			2		6	16
Bobolink	30	62	300	15	36	37	153	13	1	3	6	63	3	722
Red-wing. Blackbird	457	62	92	144	70	240	146	200	31	104	131	39	68	1784
Eastern Meadowlark	4	50	37	32	37	105	79	83	43	51	88	148	43	800
Boat-tailed Grackle	625													625
Common Grackle	180	295	87	227	165	314	382	421	248	566	536	289	169	3879
Br.-headed Cowbird	14	64	17	46	47	75	97	83	34	54	65	17	13	626
Orchard Oriole	19	39	23	41	7	41	15	40	5	7	15	6	1	259

Species	WINC	GVNC	RVNC	COSC	RANC	DUNC	CPNC	JLNC	ALNC	GRNC	WSNC	ICNC	BRNC	Total
Northern Oriole		3		1	1	2	3	5	1	7	34	2	1	60
Purple Finch						2	5		5		*	5	8	25
House Finch	6	18	12	43	108	47	169	45	20	113	201	31	54	867
Pine Siskin													52	52
American Goldfinch	11	34	38	54	94	234	352	221	78	279	200	50	253	1898
House Sparrow	47	252	65	41	48	61	103	50	30	90	59	58	26	930
No. of species	161	122	115	113	122	130	124	145	107	118	143	111	123	229
No. of individuals	8176	3310	3651	3537	3331	6731	9863	8611	2606	7524	7020	3439	4566	72364
Total Field Hours	51	37	54	36	44	85	159	139.8	45.5	107	126	37.5	79.5	1001
Hours on foot	29.5	23.5	33.5	21	38.5	61	125	117.8	12.5	48.5	105	14	44.5	674
Hours by car	14.5	13.5	20.5	15	5.5	24	34	22.0	33.0	58.5	21	23.5	35	320
Hours by boat	7													7
Hours Owling	0	2	1.5	0.5	3	1	1	4.8		1.5	3			18.3
Total Field miles	261	312	311.5	166	90	321	411	335.8	254.0	513.5	210	226	231	3643
Miles on foot	15	15	21.5	16	31	49	83	85.0	17	30.5	70	14	47	494
Miles by car	214	297	290	150	59	272	328	250.8	237.0	483.0	140	212.0	184	3117
Miles by boat	25													25
Miles Owling	0	19	0.75	0.5	2	5	2	3		30.0	20			82.3
Date	25 Apr	2 May	2 May	2 May	2 May	26Apr	3 May	10 May	3 May	2 May	3 May	3 May	2 May	