

2000 Spring Bird Count

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This year's count tallied the highest number of species and the second highest number of individual birds since 1992. Birders in seventeen count areas put in 1095.55 field hours, which is good but not record breaking. Folks just saw more birds per hour. New River did not report this year. We added two new areas this year: Henderson County, NC, and Lower Saluda River, SC. Adding more mountain and coastal counts should result in some changes in the birds seen and helps make the total count more representative of the entire area instead of emphasizing the Piedmont. The weather was generally good with little precipitation, and several counts reported warmer than usual temperatures.

A number of species were reported in record low numbers: Bobwhite, Chimney Swift, Purple Martin, Yellow-throated Vireo, Blue-winged Warbler, Worm-eating Warbler, Field Sparrow, and Brown-headed Cowbird. Also at record lows were Rock Doves and American Robins. Are these last two really down or are people overlooking them? Ring-billed Gull, Horned Lark, Black-throated Blue Warbler, and Eastern Meadowlark continued to decline. This was not a good year for Veery, Raven, White-throated Sparrow, Purple Finch, Cooper's Hawk, American Kestrel, Wild Turkey, Northern Oriole, or Palm or Black-and-white Warblers.

Now we have good news. 30 species were reported in record numbers. These include Great Blue Heron, Canada Goose, Black and Turkey Vultures, Red-shouldered Hawk, Spotted Sandpiper, Red-bellied, Downy, and Hairy Woodpeckers, chickadee, titmouse, all the nuthatches, Blue-Gray Gnatcatcher, Gray Catbird, White-eyed and Red-eyed Vireos, Ovenbird, Northern Waterthrush, Northern Cardinal, Indigo Bunting, Eastern Towhee, and American Goldfinch. Other species such as Great Egret, Snowy Egret, Mississippi Kite, Western and Least Sandpipers and Great Crested Flycatcher were up because of the new South Carolina count as well as a good year in Charleston. Juncos were also reported in record numbers, but most of them occurred in one count area – Highlands Plateau. Common Loon, Yellow-billed Cuckoo, Acadian Flycatcher, Chimney Swift, Fish Crow, Northern Mockingbird, Brown Thrasher, and Song Sparrow had a good year. Carolina Wren, House Wren, and Pine Warbler continued their steady increases.

When comparing count years, we look at the number of birds reported adjusted for the number of field hours put in for each year. We also assume that the count areas remain the same unless stated otherwise by the compiler. Many counts are trying to run the Spring Count and the Migratory Bird Count on the same day. While this does "kill two birds with one stone," to use an ornithological phrase, this can change the numbers. Some areas are running the Spring Count a week or two later than they have historically to hit the

Migratory Bird Count Day. The counts also use different count territories. The Migratory Bird Count uses the entire county rather than the 15-mile circles used by the Spring and Christmas Counts. It would not be difficult, when running simultaneous counts, to confuse which area a bird was reported in or to blur the lines where one count stops but the other continues. These variables should be taken into account when looking at these data.

CPNC-Chapel Hill. Center Franklin and Columbia Streets. May 14, 0430-2100h. Temperature 57°-82°, with no precipitation. Wind 5-10 mph, and the sky was partly cloudy.

Participants: Compiler Will Cook, 418 Sharon Rd., Chapel Hill, NC, 27514. Karen Bearden, Joe Bearden, Barb Brooks, Norm Budnitz, Chris Canfield, Sandy Cash, Bob Chase, Bobbie Collins-Perry, Will Cook, Beth Duncan, Chris Eley, Kent Fiala, Kate Finlayson, John Frederick, Nancy Gorham, Maurice Graves, Steven Graves, Perry Haaland, Ruth Harris, Edwin C. Hobson, Patrick H. Hobson, Fran Hommersand, Alan Johnston, Eleanor Kilgour, Fred Kilgour, Betty King, Ken Klapper, Jim Lansing, Ken Lundstrom, Irmgard Muller, Dave Murdock, Miriam Murdock, Judy Murray, Oliver Orr, Jeff Perry, Magnus Persmark, Jay Rabb, Malcolm Robinson, Barbara Roth, Harriet Sato, Lois Schultz, Mike Schultz, Doug Shadwick, Marsha Stephens, Elvin Strowd, Edith Tatum, Shelley Theye, Pam Timmons, Ginger Travis, Lee Van Malssen, Bobbie Wilkerson, Bruce Young, Jeanine Zenge.

Compiler's Comments: The 43rd Chapel Hill Count was a little below average in number of species, probably due to the late date. Thanks to a high level of participation, however, we had our highest count of individual birds ever. Our best birds included a female Anhinga seen soaring high near Jordan Lake by Steve Graves (only the second record on a Chapel Hill spring count), an Olive-sided Flycatcher seen at the Mason Farm by Will Cook (our fourth record), a very late Brown Creeper well described by Bobbie Wilkerson, and a Wilson's Warbler seen at Mason Farm by Will Cook (our fifth record). Other birds that we usually miss included 5 Wild Turkeys, a Chuck-will's-widow, and 2 Canada Warblers.

The number of parties and party hours was the best in years, so we set a large number of record highs. The count of 87 Great Blue Herons shattered the record of 23 from last year. Boosting the number was our first-ever heronry, which had 18 active nests. It was found on Cub Creek in Chatham County by Alan Johnson and Edith Tatum. The count of 43 Red-shouldered Hawks blasted past the 28 set in 1997, thanks in part to Alan Johnston's neighborhood family of five. The 27 Song Sparrows more than doubled the old record of 13, thanks in part to their increased use of urban habitats, such as shopping mall parking lots, where they were formerly absent. Other record highs were set for Black Vulture, Turkey Vulture, Canada Goose, Mallard, Killdeer, Ruby-throated Hummingbird, Downy Woodpecker, Pileated Woodpecker, Great Crested Flycatcher, Red-eyed Vireo, American Crow, Carolina Chickadee, Tufted Titmouse, White-breasted Nuthatch, Blue-gray Gnatcatcher, Pine Warbler, Summer Tanager, Northern Cardinal, and Indigo Bunting.

A few species were seen in unusually low numbers. The count of 55 Barn Swallows was our lowest since 1974, far below the mean of 96. Because of the

late date we found only 4 Black-throated Blue Warblers (mean 31), 4 Yellow-rumped (Myrtle) Warblers (lowest ever; mean 163), and 3 White-throated Sparrows (ties record low; mean 66). Field Sparrows were also scarce, with only 21 (lowest since 1969, mean 43).

DUNC-Durham, NC. Center one mile east and one mile south, jct. Eno River and US 501. April 30, 0530-1800h. Temperature 58°-78°F. No precipitation. Wind calm, and the sky was foggy in the morning, clear by 10:00.

Participants: Compiler Michael Schultz, 5504 Woodberry Rd., Durham, NC 27707. Tim Allen, Norm Budnitz, Hartsell Cash, Sandy Cash, Will Cook, Anson Cooke, John Frederick, Christina Kennedy, Ken Klapper, Janet Krakauer, Tom Krakauer, Jeff Pippen, Joshua Rose, Harriet Sato, Lois Schultz, Michael Schultz, Douglas Shadwick, Ron Silverman, Jonathan Steere, Matt Steere, Edith Tatum, Carol Williamson.

Compiler's Comments: This year's count fell on the latest day possible for our count window. Hence, many of the "late" migrants were seen in high numbers for this count. Species setting record highs were Canada Goose, Blue-winged Teal, Wild Turkey (reported on 6 of 13 parties!), E. Wood Peewee, Great Crested Flycatcher, E. Kingbird, Gray Catbird, Yellow-rumped Warbler, Indigo Bunting, Rusty Blackbird, and American Goldfinch.

Notable low numbers were 13 Ring-billed Gulls, the first time since the flooding of Falls Lake that this species has been below 100! The much-talked about decline of the local Ruby-crowned Kinglet population as a result of the severe January snows was evident with a record low of 2 individuals. Other species with low numbers are all associated with open field habitats that are in great decline in this count circle.

GRNC-Greensboro, NC. Center the intersection of Highway 220 N and Pisgah Church Rd. April 29, 0630-1600h. Temperature: 43-66°F. Precipitation .05". Wind calm in the morning, with an increase to 4mph in the afternoon. Sky was clear and calm in the morning, but a front with wind and rain came in about 1500h.

Participants: Compiler Don Allen, 2611 David Caldwell Dr., Greensboro, NC 27408. Carolyn Allen, Donald Allen, Jean Berry, Louise Brown, Dennis Burnette, Lynn Burnette, Chris Carter, Sue Cole, Phil Crisp, Judith Durr, Peggy Ferebee, Rose Freedman, Larry Gasper, Isabel Gillespie, Nancy Hannah, Kathryn Lambeth, Jane Lewis, Elizabeth Link, Henry Link, Clarence Mattocks, James Mattocks, Jean McCoy, Greg Morris, Lib Morrison, Lynn Moseley, Jean Murdick, Jean Murphy, Ruth Neal, Elaine Oldham, Laurie Sorrell, Emily Tyler.

Compilers Comments: The day started with considerable promise – clear sky, little or no wind, cool temperatures. That promise, however, was not to be fulfilled. At mid-afternoon (about 3:00 PM) a front came through the area with dark clouds, gusty wind, and rain. This development took most parties out of the field.

The totals for the day were a bit disappointing. Some warblers and other birds that had been expected did not appear on Count Day for whatever reason, so several species were found only in the Count Period rather than on Count

Day. Such are the disappointments of those who must schedule events months ahead.

Other things comprise a different set of problems. Mostly, they seem to fall under the heading of, "Too Many People," and all that goes with that: Too much development in the Count Territory, too much traffic on the streets and roads, and too many people doing all the things they do on weekends. Such problems are not unique to the Greensboro Count, and it's likely that all the counts are so influenced to some degree. But it's not as much fun as it might be, and it's more difficult to be accurate in determining what's in your area.

HCNC-Henderson County. Center 35°21'N 82° 33'W. May 13, 0630-1700h. Temperature 55°-85°F with a slight shower at 16:00h. Wind was 0-10 mph SSW, with a clear sky in the morning becoming cloudy to partly cloudy in the afternoon.

Participants: Compiler Marilyn Westphal, 230 Park Lane, Hendersonville, NC 28791. Larry Farer, Rick Hensley, Barbara Neal, Harvey Neal, Jim Neal, Francis Ogasawarra, Bob Olthoff, Len Pardue, Ron Selvey, Marilyn Westphal.

Compiler's Comments: As this count was combined with the regular international migration count, most of the actual compilation was done by Barbara and Jim Neal. The compiled data was passed on to me, and I added the information about the birds seen during the count period (3 days before and after). Combining this count with the regular migration count was the only way we could possibly get it done, as all other weekend dates were filled with other activities such as CBC weekend and Big Days. We used the Christmas Count, circle as the sections covered were the same.

HPNC-Highlands Plateau. Center Highlands. May 13, 0800-1530h. Temperature 56°-74°F. Wind light to none, and the sky was clear.

Participants: Compiler Marianne McKay Smith, 243 Deer Run, Highlands, NC 28741. Compiler Cynthia Strain, P.O. Box 1238, Highlands, NC 28741. Martha Brennan, Pam Brown, Joe Clark, Mozelle Edwards, Frances Graves, Beth Greenlee, Jason Love, Mary Osmar, Jennifer Ralph, Marianne McKay Smith, Cynthia Strain, John Williamson, Myra Williamson, David Wood, Jane Warth, Shirley Bohnert, Marcia Lester, Herman Mull.

ICNC-Iredell County, NC. Center Chipley Ford Bridge at South Yadkin River. May 7, 0630-1700h. Temperature 56°-88°F. Wind was from the south at 3-7 mph, with sunny skies.

Participants: Compiler Sam Cathey, 130 Park Street, Stateville, NC 28677. Cynthia Dickerson, Bill English, Lois Goforth, Thad Goforth, Lee Hollifield, Richard Holshouser, Larry Marlin, Dick Mize, Allen Stanley, Garner Underwood, Ron Underwood.

Compiler's Comments: The unusually hot weather seems to have caused a languid bird day, with singing, particularly by the warblers, at a minimum. Development in our count area (the dairying region of North Iredell), increases at a more rapid pace, especially in the southern part near Statesville.

JLNC-Jordan Lake, NC. Center at former crossing of New Hope River and Pea Ridge Rd (Rt 1700), now under water. May 7, 0500-2000h. Temperature 60°-90°F. Wind was calm to light and variable. Sky was clear to scattered clouds (10%).

Participants: Compiler Norman Budnitz, 4115 Garrett Drive, Durham, NC 27705. Kim Aycrigg, Barbara Beamam, Yvonne Becker, Kyle Blankenship, Barbara Brooks, Norman Budnitz, David Campell, Harold Carter, Robert Chase, Barbara Coffman, Patrick Coin, C.W. Cook, Tom Driscoll, Beth Duncan, Claudia Egelhoff, Elizabeth Elliot, Marty Girolami, Maurice Graves, Steven Graves, Steve Hall, Willard Hartman, Walton Haywood, Chuck Helmick, Russell Herman, Loren Hintz, John Kent, Betty King, Kenneth Klapper, Charles Konrad, Tom Krakauer, Elizabeth Link, Henry Link, Barbara Logue, Terry Logue, Phillip Manning, Melinda Meade, Kyle Mills, Micky Mills, Robin Moran, Judy Murray, Monica Nees, Magnus Persmark, Kevin Powell, Joshua Rose, Barbara Roth, Douglas Shadwick, Ron Silverman, Marsha Stephens, Shelley Theye, Pam Timmons, Andy Upshaw, Vaughn Upshaw, Margaret Vimmersted, Kristen Weigle, Carol Williamson, Rouse Wilson.

Compiler's Comments: May 7 was a warm morning followed by a hot afternoon. Fifty-six observers in 22 parties counted 9,444 individuals (a record high) of 122 species (a bit low), during 152 hours in the field (close to a record high). Perhaps as a result of this fairly thorough coverage, we recorded 16(!) species in new record high numbers (or ties for the record). Of these, 11 surpassed records previously set in 1998 or 1999. So it is also possible that we are seeing a reflection of the habitat changes that have been occurring in and around Jordan Lake. (See compiler's comments for spring 1998 for a description of these changes.) The lake itself is maturing, and its surroundings are being developed for residential communities. Perhaps many of the new records reflect these two changes.

Records were set or tied for Double-crested Cormorant (632), Canada Goose (148), Osprey (24), Chuck-will's-widow (25), Downy (54), Hairy (15), and Pileated (25) Woodpeckers, Red-eyed Vireo (388), American Crow (311), Cliff Swallow (206), Carolina Chickadee (283), Tufted Titmouse (357), Blue-gray Gnatcatcher (394), Northern Mockingbird (111), Brown Thrasher (64), Pine Warbler (311), and Ovenbird (168).

Observers recorded relatively few through-migrant warblers and few duck species, accounting for the below-average species total. Rather unusual species were 5 Great Egrets, 1 Blue-winged Teal, 1 Common Merganser, 1 American Coot, 1 Greater Yellowlegs, and 3 lingering Evening Grosbeaks.

MJNC-Mt. Jefferson (Ashe County). Center as in previous years. May 13, 0615-1500h. Temperature around 70°F. Sky was mostly clear, with little wind.

Participants: Compiler Van Morrision, 262 Laurel Mountain Estates, Todd, NC, 28684. Dan Lane, John MacConnell, Vaughn Morrision.

RANC-Raleigh (Wake County), NC. Center at Lake Wheeler Road (Farmer's Market). May 13, 0600-2000h. Temperature 70°-90°F (record heat). Wind was slight, with clear skies.

Participants: Compiler John Connors, 1227 Mordecai Drive, Raleigh, NC 27604. J. Angerman-Stewart, J. Argentati, J. Bearden, K. Bearden, F. Bennett, D. Brame, J. Brewster, M. Brewster, J. Brunyl, J. Connors, G. Farnsworth, L. Gosselin, D. Hardy, B. Hawkins, A. Hicks, V. Janke, C. McKree, J. Mulholland, J. Parsley, T. L. Quay, H. Sato, C. Smith.

Compiler's Comments: It was very hot, with record temperatures and no recent fronts. Birds were fairly quiet. A Hooded Merganser and 4 young were at Yates Mill Pond, where the lake recently refilled. Tree Swallows may be nesting along Raleigh Blvd. in a wooded impoundment there. King and Virginia Rails were heard and seen on Greenview Road. There was a late American Pipit at NCSU farms along with the Cattle Egrets.

RVNC-Raven Rock State Park. Center at the intersection of NC 210 and SR. 1434; 2.75 miles north of Lillington. April 24, 0545-1920h. Temperature 44°-70°F. Light precipitation in part of the circle. Sky mostly clear AM, partly cloudy with an isolated thundershower in the afternoon.

Participants: Compiler Paul C. Hart, Raven Rock State Park, 3009 Raven Rock Road, Lillington, NC 27545. Jim Bateson, David Brown, Molly Fullwood, Paul Hart, Tom Howard, Bobby Lufty, Kevin Reese, Mitch Reese, Larry Rose, Mary Stevens, Sarah Stevens, Erik Thomas.

Compiler's Comments: The species total of 122 tied a record for the highest species count set in 1989. Misses included Cedar Waxwing (seen during count week), American Woodcock, and Greater Yellowlegs. High counts of several species were reported, including Double-crested Cormorants (210), Fish Crow (55), and Eastern Kingbird (170). The number of cormorants reported is attributable to groups seen migrating. A single Pectoral Sandpiper, seen by Tom Howard, was the first report of that species since 1981. An apparently territorial male Swainson's Warbler, reported by David Brown, was in the same location as one seen and heard in the park the previous two years. Twenty warbler species were reported, but only five species of migrants were observed.

SPNC-Southern Pines, NC. Center at 35°13'N 79°19'W, 1 mile NE of the skyline. April 30, 0500-1700h. Temperature 43°-72°F. Light winds ranged from calm to 6 mph NNW. There was some fog early, turning into fair skies.

Participants: Compiler Susan Campbell, 144 Pine Ridge Drive, Whispering Pines, NC 28327. Jackie Britcher, Susan Campbell, J. H. Carter III, Dick Dole, Lois Dole, Charlotte Gantz, Barbara Gearhart, Chris Helms, Dean Holzgraf, Tom Howard, Wayne Irvin, Al McDonald, Dan Pieroni, Mary Stephenson, Vaud Travis, Libba Watson.

SMNC-Stone Mountain, NC. Center unknown. May 13, 0600-1230h. Temperature 66°-87°F. Wind was from the NE up to 20 mph, with partly cloudy skies.

Participants: Compiler John MacConnell, 2918 Silas Creek Road, Lansing, NC 28643. Jim Keighton.

WSNC-Winston-Salem, NC. Center at the intersection of Silas Creek Parkway and I-40 Business. May 6, 0430-2000h. Temperature 63°-87°F. Wind was calm, with partly cloudy to clear skies.

Participants: Compiler David Disher, 4145 Chatham Hill Drive, Winston-Salem, NC 27104. Reggie Burt, Peg Cochrane, Betty Grey Davis, Bill Davis, Larry Davis, Linda Davis, Doug Deneve, Phillip Dickinson, David Disher, Susan Disher, Cynthia Donaldson, Gardner Gidley, Margaret Gidley, Toby Gordan, Billy J. Hammond, John Hammond, Susan Hammond, Hattie Hauser, Bert Hollifield, Royce Hough, Lois Jones, Ray Kandt, Barbara Kendrick, Leon Kendrick, Jim Martin, Mary Allen Martin, Tom Mowbray, Ed Mulvey, Margaret Mulvey, Dorothy Pennington, Paul Powers, Lloyd Ramsey, Ann Robertson, Chester Robertson, Jackie Shelton, David Shuford, Ramona Snavelly, Sebastian Sommer, Paul Spain, Bill Sugg, Gray Tuttle, Jay Wilhelm.

Compiler's Comments: Our count circle's natural habitat has been under attack by development for quite a few years. This past year 4 fields that had harbored Grasshopper sparrows and Bobolinks now are home to single-family homes. One more location where the sparrows can be found easily will be a strip mall by our next Spring Bird Count date.

Count Day was the warmest in recent memory. The most unusual species were two Great Egrets (seen by two separate groups) and a Wild Turkey. The Wild Turkey was a Spring Bird Count first for us, but it was not unexpected. The bird is more than likely a result of the efforts of NC Wildlife Resources to restock the Yadkin River Valley. The restock had been a success, and turkeys can be seen commonly just outside the western edge of our circle.

CASC-Charleston, SC. Center 36°56'N, 79°42'W, near TV antenna just off Seawell Road. April 30, 0530-1830h. Temperature 65°-85°F. No precipitation. Wind 0-15 mph. Sky mostly clear, with some clouds at times.

Participants: Compiler Edwin Blich III, 45 Sycamore Ave. #233, Charleston, SC 29407. Mike Bernard, Bob Chinn, E. Calvin Clyde, Stephan F. Compton, Zebulon A. Compton, Ed Condradi, Doreen Cubie, Jim Cubie, Hal Curry, Jan Dewitt, Dennis Forsythe, Donna Forsythe, Sunny Hankle, Bruce Harry, Jeremy James, Don Jones, Barbara Keefe, Dershie McDevitt, Davis C. McLean, David C. McLean, Jr., Gerald Muckenfuss, Allen Russell, Ann Shahid, Paul Siegel, Maurice Snook, Tonya Spires, Kay Woelfel.

Compiler's comments: As far as I know, 175 species on our spring count is an all-time high!

CGSC-Congaree Swamp, SC. Center 400 meters northeast of the confluence of Bates Mill Creek and Congaree River. May 13, 0530-1500h. Temperature 60°-97°F. Wind was 0-15 mph from the northwest, with clear to partly cloudy skies.

Participants: Compiler Robin M. Carter, 4165 Buchanan Drive, Columbia, SC 29206. Robin Carter, Dennis Forsythe, Donna Forsythe, Jack Stewart, Lula Stewart.

LSSC-Lower Saluda River, SC. Center at the intersection of Tudor Road and Silvermine Road, Irmo, SC. April 29, 0530-1730h. Temperature 60°-80°F. No precipitation. Wind 0-8 mph under cloudy skies.

Participants: Compiler Robin Carter, 4165 East Buchanan Drive, Columbia, SC 29206. Donna Bailey, Molly Bonnell, Bernie Cain, Nancy Cain, Robin Carter, Steve Dennis, Caroline Eastman, Jerry Griggs, Malia Griggs, Joyce Hall, Tom Hawkins, Allison Harvey, Tim Kalbach, Keith Kargel, Dennis Lau, Dennis Lee, Nancy Lyman, Kathleen O'Grady, Charles Poole, Roger Smith, Gary Sowell, Jack Stewart, Lula Stewart, Steve Tracey, Cindy Woods.

SPSC-Spartanburg, SC. Center at the junction of County Roads 539 and 590. May 13, 05:00-23:00h. Temperature 70°-89°F. No precipitation. Wind 0-22 mph, with skies clear.

Participants: Compiler: Lyle Campbell, 126 Greengate Lane, Spartanburg, SC 29307. Frankie Altman, Beth Bennett, Daniel Bennett, Susan Bennett, Tim Brown, Andrew Campbell, David Campbell, Lyle Campbell, Sarah Campbell, Tom Moore Craig, Pat Fowler, Roy Fowler, Robin Gilman, Michele Gilman, Teresa Glen, John Green, Emma Harrington, Conway Henderson, Glenn Inglehardt, Jack Jennings, Joel Jones, Herb Kay, Tammy King, Mary Ann Meyers, Angela Miller, Margaret Miller, Michael Miller, Susan Monk, Bill Moody, Nora Moore, Ken Pearson, Lisa Pearson, Mary Potter, Joanna Reider, Gretchen Reidsema, Ginny Scott, Walton Scott, Mac Shealy, Tina Taylor, Dick Thorpe, Lois Thorpe, Gerald Thurmond, Thomas Webster.

Compiler's Comments: May 13 was hot here. The official temperature of 89° was six degrees lower than that registered on many local thermometers. It was a late, hot day at the end of a late, hot spring. Consequently, our migratory transients had passed through earlier, and winter stragglers were rare or absent. These factors largely accounted for our lower numbers. Wood Thrush and Red-eyed Vireo, normally common summer residents, were unusually difficult to find. We do not know if this is a population decline or if they have responded to the unusually hot weather by migrating farther north. The best species we almost got was a pair of Scissor-tailed Flycatchers observed northeast of Spartanburg on May 16, but two miles beyond the edge of the count circle.

Species	CPNC	DUNC	GRNC	HCNC	HPNC	ICNC	JLNC	MJNC	RANC	RVNC	SMNC	SPNC	WSNC	CASC	CGSC	LSSC	SPSC	Total
Common Loon			*		2							7		1				10
Pied-billed Grebe			6							1		8		5		1	2	23
Horned Grebe												1						1
Northern Gannet														6				6
Brown Pelican													237					237
Double-cr. Cormorant	60	344	124	1		1	632		20	212		8	8	152		18	2	1582
Anhinga	1									1		2		6				10
American Bittern			1											1				2
Least Bittern														5				5
Great Blue Heron	87	77	10	1	*	8	35		32	10		2	4	34	3	30	16	349
Great Egret				*			5						2	398	1	14		420
Snowy Egret														245				245
Little Blue Heron														31				31
Tricolored Heron														50				50
Cattle Egret									2	1		1		26				30
Green Heron	13	14	13	10		6	21		13	4		10	14	41	2	2	6	169
Black-cr. Night-Heron														47				47
Yellow-cr. Night-Heron						1							1	1	5			8
White Ibis														20	2			22
Glossy Ibis														20				20
Wood Stork														22				22
Black Vulture	41	12	3	*		10	30			2	5	2	9	43	3	47	9	216
Turkey Vulture	150	70	27	29	14	29	124	6	5	24	25	30	56	122	16	111	41	879
Canada Goose	467	266	361	54	14	29	148		165	116	13	67	248	15		55	162	2180
Mute Swan												3						3
Tundra Swan														1				1
Wood Duck	50	46	24	12	14	6	56		22	12		9	23	11		9	2	296
American Black Duck														3				3
Mallard	98	43	152	24	25	3	36		49	36		44	104	16		10	86	726
Mottled Duck														9				9
Blue-winged Teal			5	*			1					2		63				71
Green-winged Teal			1															1
Ring-necked Duck												1						1
Lesser Scaup			*															0
Bufflehead														1				1
Hooded Merganser									6	1				5				12
Common Merganser							1											1
Red-br. Merganser			*									5		2				7
Ruddy Duck		4	3									3						10
Osprey	7	17	5		1	1	24		2	7		3	1	36		4		108
Am Swallow-td Kite														1				1
Mississippi Kite														7	8	1		16

Species	CPNC	DUNC	GRNC	HCNC	HPNC	ICNC	JLNC	MJNC	RANC	RVNC	SMNC	SPNC	WSNC	CASC	CGSC	LSSC	SPSC	Total
Bald Eagle	20	6	1		*		7		1			2		4		3		44
Northern Harrier		3		1						1				1				6
Sharp-shinned Hawk	2	3	4			2	4		1	1		1	1				1	20
Cooper's Hawk	1	3	5			2						1	8	1				21
Accipiter sp.			1															1
Red-shoulder Hawk	43	18	5			9	16		8	14		7	6	7		9	8	150
Broad-winged Hawk	2	4	2		3	1	10	2		4		3	1			3	1	36
Red-tailed Hawk	27	25	36	*		7	16	3	7	22	3	10	24	8	2	12	24	226
American Kestrel		2	1	2		1			*	3		1	4				1	15
Merlin						1												1
Peregrine Falcon					*													0
Ruffed Grouse					2													2
Wild Turkey	4	15			3		2			3	5		1	18	1	2	15	69
Northern Bobwhite	9	3	3	4	1	12	15			7		12	2	6	1	2	15	92
Clapper Rail														22				22
King Rail									1					2				3
Virginia Rail									1					6				7
Sora														12				12
Common Moorhen														16				16
American Coot			12	*	*		1					50	1	19		5		88
Black-bld. Plover														187				187
Wilson's Plover														20				20
Semipalmated Plover				1									1	238				240
Piping Plover														4				4
Killdeer	63	34	31	15		14	56	1	27	18		18	21	46		12	16	372
Am. Oystercatcher														94				94
Black-necked Stilt														6				6
Greater Yellowlegs			1	1			1							103				106
Lesser Yellowlegs			1	9					1	2		2	6	45		2		68
Solitary Sandpiper	7	30	16	1		11	3		9	3		8	23	14		4	5	134
Willet														121				121
Spotted Sandpiper	7	25	48	1	2	4	24		10	26	2	43	18	147	1	13	7	378
Whimbrel														102				102
Ruddy Turnstone														19				19
Red Knot														375				375
Sanderling														69				69
Semip. Sandpiper				2									2	27				31
Western Sandpiper													1	224				225
Least Sandpiper	8		13	10					3	24		5	78	117				258
White-rumped Sandp														1				1
"peep" sp.		8																8
Pectoral Sandpiper			1	1						1				15				18

Species	CPNC	DUNC	GRNC	HCNC	HPNC	ICNC	JLNC	MJNC	RANC	RVNC	SMNC	SPNC	WSNC	CASC	CGSC	LSSC	SPSC	Total
Purple Sandpiper														1				1
Dunlin														597				597
Stilt Sandpiper														1				1
Sh.-billed Dowitcher				9										233				242
Common Snipe		1	2	1														4
American Woodcock							1					1						3
Laughing Gull														945		*		945
Bonaparte's Gull														1		*		1
Ring-billed Gull		13	100				150		2			10	28	71		110		484
Herring Gull							1							33		1		35
Gt. Blk.-backed Gull														1				1
Gull-billed Tern														84				84
Caspian Tern														14				14
Royal Tern														118				118
Sandwich Tern														12				12
Common Tern														47				47
Forster's Tern														85				85
Least Tern														75				75
Black Skimmer														555				555
Rock Dove	57	55	30	1		7	26	5	118	29		13	64	25	7	83	31	551
Eur. Collared-Dove															2	2		4
Mourning Dove	409	116	208	71	35	125	248	22	162	242	6	190	195	116	44	134	135	2458
Common Ground-Dove														12				12
Black-billed Cuckoo								1								*		1
Yellow-billed Cuckoo	53	5		3		1	38		10				5	50	16	19	6	206
Common Barn-Owl																	*	0
East. Screech Owl	2					1	1			3		1	1	2	1	1	2	15
Gt. Horned Owl	3	1	1			1	3			1		1	4	5	1	1	2	24
Barred Owl	16	10		1	3	4	14		3	3		4	2	7	2	7	2	78
Common Nighthawk						1			1			1	12	2		2		19
Chuck-will's-widow	1	4				2	25		1	2		31	1	56	4	3	19	149
Whip-poor-will	23			*	3	2	38		1	3		26				3	11	110
Chimney Swift	192	99	125	33	4	49	158	31	67	100	1	60	161	41	48	65	134	1368
Ruby-thr. Hummingbird	60	30	8	3	38	13	15	6	8	12	2	10	8	5	2	18	13	251
Belted Kingfisher	7	5	10	1	2	2	7		12	8		6	11	6		9	5	91
Red-head. Woodpecker	10	11	4			1	16		4	2		10		40	2	4	2	106
Red-bel. Woodpecker	202	91	61	23		34	135	2	87	44		58	91	110	31	68	22	1059
Yellow-bel. Sapsucker	1		1															2
Downy Woodpecker	85	36	19	10	12	7	54	2	35	15	2	12	25	6	2	18	6	346
Hairy Woodpecker	19	8	1	9		2	15	1	12	1		2	7		4	1	*	82
Red-ckd Woodpecker												15		13				28
Northern Flicker	28	23	32	12	3	9	21	6	6	7	2	14	29	6	2	9	16	225

Species	CPNC	DUNC	GRNC	HCNC	HPNC	ICNC	JLNC	MJNC	RANC	RVNC	SMNC	SPNC	WSNC	CASC	CGSC	LSSC	SPSC	Total
Pileated Woodpecker	24	5		9	7	9	25		4	9	3	5	3	26	8	13	4	154
Olive-sd Flycatcher	1																	1
Eastern Wood-Pewee	67	7	3	14	3	2	51	5	6	17	1	16	21	15	13	1	5	247
Acadian Flycatcher	56	12	1	6	4	2	21	9	28	15		18	2	2	32	3	9	220
Willow Flycatcher				15				6										21
Least Flycatcher								4										4
Eastern Phoebe	28	14	6	14	11	21	21	12	4	10	2	15	22	1		9	40	230
Gt. Crested Flycatcher	70	32	16	5		5	92	2	47	48	3	84	21	698	50	60	11	1244
Eastern Kingbird	68	58	20	7			28	94	4	13	170	60	25	52	22	30	36	687
Loggerhead Shrike			1			3				1	10		7	4	6	1		33
White-eyed Vireo	33	22	6	22	1		46	2	29	26		35	11	231	29	25	6	524
Yellow-thr. Vireo	18	6	*				14	3	1	7	1	8	1	1	2	9	7	78
Blue-headed Vireo	4		3	1	42	1	2			1		2	3	3		1		63
Red-eyed Vireo	422	147	93	39	45	18	388	38	84	88	11	53	72	279	31	112	19	1939
Blue Jay	182	170	216	58	37	48	198	8	81	88	6	64	167	79	20	135	102	1659
American Crow	388	95	182	85	33	89	311	49	96	138	21	196	130	82	31	90	138	2154
Fish Crow	24	11	6				14		20	55		82	6	36	6	95	5	360
Common Raven					3						2		1					6
Horned Lark										1		2			1			4
Purple Martin	30	32	155	4		14	38		2	6	1	89	19	183	36	35	29	673
Tree Swallow	6	29	173	6			3	6	1	9	5	2	3	48			*	291
N. Rough-w. Swallow	40	8	24	6	12	11	27	8	18	35		14	29	62		45	3	342
Bank Swallow		6	4											2			1	13
Cliff Swallow		9	3				206						4			6		228
Barn Swallow	55	88	479	37	17	77	178	30	78	148	7	74	72	281	30	30	104	1785
Carolina Chickadee	439	97	132	55	77	34	283	11	113	61	5	50	78	42	11	83	66	1637
Tufted Titmouse	527	152	130	48	36	38	357	19	96	55	8	76	104	167	64	123	80	2080
Red-br. Nuthatch			*		11					2		1						14
White-br. Nuthatch	69	10	25	4	19	5	11	3	13	1	1	10	15	4	5		5	200
Brown-he. Nuthatch	50	31	26			3	56		30	18		53	10	50	8	23	2	360
Brown Creeper	1				1													2
Carolina Wren	346	77	86	72	15	32	208	3	75	53	2	104	139	102	87	151	98	1650
House Wren	29	24	12	5	1	4	3	20	2	7	1	2	19			16	14	159
Winter Wren					*													0
Sedge Wren														4				4
Marsh Wren		1										1		11				13
Golden-cr. Kinglet					5							1						6
Ruby-cr. Kinglet		2	7	1							1	1	1			10		23
B-g. Gnatcatcher	376	212	54	16	2	40	394	4	81	98		88	31	76	53	73	19	1617
Eastern Bluebird	241	72	120	31	14	92	173	6	31	114	8	111	117	33	9	19	118	1309
Veery	2		1		1	2		5	2	1			2		2	3		21
Swainson's Thrush	10	1	2	2	1		3		4				17		1	5		46

Species	CPNC	DUNC	GRNC	HCNC	HPNC	ICNC	JLNC	MJNC	RANC	RVNC	SMNC	SPNC	WSNC	CASC	CGSC	LSSC	SPSC	Total
Hermit Thrush		1	1							3		1	2					8
Wood Thrush	149	54	45	14	17	12	131	8	24	25	9	23	46	5	7	26	7	602
American Robin	361	213	409	135	70	158	93	80	152	92	3	74	454	7	5	94	166	2566
Gray Catbird	63	64	44	26	30	10	23	21	26	30	5	49	91	24	1	51	22	580
No. Mockingbird	278	77	180	60	*	78	111	2	63	131		92	129	151	40	108	94	1594
Brown Thrasher	90	23	41	32	19	29	64	10	11	36	2	41	45	44	12	52	82	633
European Starling	329	201	555	155	18	175	200	85	145	310	6	111	322	123	19	49	189	2992
American Pipit				5						1			2					11
Cedar Waxwing	38		23	73	4	91	32	6	6	*		21	104			111	15	524
Blue-winged Warbler		4	1									1				*		6
Tennessee Warbler																*		0
Northern Parula	52	45	15	8	23	2	102	6	8	22		10	28	136	50	47	5	559
Yellow Warbler	6	13	14	2			10	27	2	6	1	6	13	1		8		109
Chestnut-sided Warbler	3		3	15	41	1		14	1			1	2			1		82
Magnolia Warbler	6		*	1			2	2	*				2			1		14
Cape May Warbler			1										4		1	22		28
Blk.-thr. Blue Warbler	4	7	15		47	1	17	1	6	2	6	7	38		2	51		204
Yellow-rmpd Warbler	4	732	203		*	12	25		2	221		154	71	9		232	16	1681
Blk-thr Green Warbler		1	*	3	25			1			1		6					37
Blackburnian Warbler					4								2					6
Yellow-thr. Warbler	19	30				1	94		6	12		23		28	5	17	11	246
Pine Warbler	211	98	44			7	311		52	38		58	13	68	30	102	21	1053
Prairie Warbler	41	30	15			1	78		4	17		20		49		6	14	275
Palm Warbler		3	1							5			1					10
Blackpoll Warbler	6	2	*	3		1	6		5	1	1	1	7			2	3	38
Cerulean Warbler																*		0
Blk.-and-white Warbler	10	18	10	8	16	3	22	3		22		33	5	1		8		159
American Redstart	53	28	4	10	1	2	44	10	2	10	4	11	13	4	9	36	3	244
Prothonotary Warbler	36	23	1			1	19		3	13		15	2	95	20	3		231
Worm-eating Warbler	*	5	4		2											2		13
Swainson's Warbler										1		3			4	3		11
Ovenbird	108	33	21	11	29	2	168	27	23	27	15	25	12	1		30		532
Northern Waterthrush	10	6	2	4			1		3	3					1	8		38
Louisiana Waterthrush	13			2	1		7	3	3	11		6			6	4	4	60
Kentucky Warbler	10	2		*			8	1	3	7		1		13	4	4	2	55
Common Yellowthroat	103	135	37	36	4	7	109	17	26	38	1	40	34	126	3	18	2	736
Hooded Warbler	65	3	3	10	23		45	13	2	16	12	12		26	9	11	2	252
Wilson's Warbler	1	1														*		2
Canada Warbler	2			1	6	1							1					11
Yellow-br. Chat	72	34	8	5		7	98	2	5	20		24	12	70	5	17	5	384
Summer Tanager	112	23	5				91		18	40		31	1	25	14	41	10	411
Scarlet Tanager	51	22	11	14	5	12	72	3	11	8	3	4	29	1		14	1	261

Species	CPNC	DUNC	GRNC	HCNC	HPNC	ICNC	JLNC	MJNC	RANC	RVNC	SMNC	SPNC	WSNC	CASC	CGSC	LSSC	SPSC	Total
Eastern Towhee	243	115	76	117	62	25	132	33	67	48	8	101	100	137	25	56	45	1390
Bachman's Sparrow														10				10
Chipping sparrow	173	56	62	7	9	28	108	20	13	89	4	49	22	1		32	42	715
Field Sparrow	21	22	29	17		25	31	7	20	28	2	13	5		1	1	35	257
Savannah Sparrow		5	1				4	6	2	15		1	3	3				40
Grasshopper Sparrow	5	3	3	3		22	1	1	3	4		10	5				7	67
Seaside Sparrow														2				2
Fox Sparrow			1															1
Song Sparrow	27	27	92	142	100	10	1	75	2	4	2	4	55	1			11	553
Swamp Sparrow	2	10	*				1			18		2	1	2		12		48
White-thr. Sparrow	3	104	79		1	3			2	78		53	11	2		44	5	385
White-cr. Sparrow		4					5											9
Dark-eyed Junco				8	110			12			9	1						140
Northern Cardinal	728	238	242	128	38	82	304	28	148	155	3	148	246	269	69	211	166	3203
Rose-br. Grosbeak	1	2	2	4	39	1	8	3	*	4			21			31	1	117
Blue Grosbeak	58	15	4	4		11	105		9	45		18	8	26	3	16	5	327
Indigo Bunting	264	106	35	114	36	58	258	48	44	84	8	53	108	16	27	47	53	1359
Painted Bunting														82	6	7		95
Bobolink	50	10	*	100		12	86					2	1				1	262
Red-wing. Blackbird	108	110	75	51	1	59	79	55	49	58	2	21	51	339	12	17	44	1130
Eastern Meadowlark	23	15	43	23		114	47	3	11	45	1	39	15	3	5	2	48	437
Rusty Blackbird		100																100
Common Grackle	391	169	416	51	3	154	245	70	201	242	4	143	457	137	22	139	160	3004
Boat-tailed Grackle														248				248
Br.-headed Cowbird	116	68	40	15		22	126	10	37	59	1	30	63	45	5	38	33	708
Orchard Oriole	22	22	6	5		7	33	2	11	29		20	12	110	15	12	3	309
Baltimore Oriole	2	1	1				5	3		4			18			5		39
Purple Finch					3	3						1						7
House Finch	256	76	110	35	1	22	60	16	55	38	3	23	68	3		114	64	944
Red Crossbill					10													10
Pine Siskin			*	12	15							3						30
American Goldfinch	374	941	676	60	71	53	298	50	64	37	4	154	379	3	4	307	26	3501
Evening Grosbeak					*		3											3
House Sparrow	128	102	27		1	31	62	30	49	33		28	26	10	25	92	29	673
No. of Species	120	124	124	100	78	104	121	77	110	122	57	136	126	175	85	122	98	292
No. of Individuals	11242	7262	7240	2447	1463	2353	9436	1159	3274	4606	275	3975	5623	12185	1236	4495	3198	81469

Species	CPNC	DUNC	GRNC	HCNC	HPNC	ICNC	JLNC	MJNC	RANC	RVNC	SMNC	SPNC	WSNC	CASC	CGSC	LSSC	SPSC	Total
Total Field Hours	165.1	76.25	89.5	32.25	36	31.5	151.95	9.5	53.5	50	5.5	65	101	89	15.5	67.5	56.5	1095.55
Hours on foot	115.8	65.75	63.75	14.75	6.5	11	122	1.5	47	30		27	86	36	6.5	51.5	22	707.05
Hours by car	44.3	6.5	25.75	17.5	29.5	20.5	23.2	8	6.5	20	3	38	15	33.5	9	16	28	344.25
Hours by bike											2.5							2.5
Hours by boat	5						6.75							6				17.75
Hours by golf cart														13.5				
Hours Owling	7.8	1.5	0				3.75		1	0.5		4.5	4	1.75	1	2	6.5	34.3
Total Field miles	390.3	160.5	350.5	184	95.25	190	251.75		109.5	355.75		371	214	330.7	124.5	164	390	3681.75
Miles on foot	76.8	49.5	48	11	4.75	10	79.95		38.5	23.75		25	23	22.5	5.5	34	25	477.25
Miles by car	308.5	111	302.5	173	90.5	180	169.8	100	71	332		346	175	263.2	119	130	305	3176.5
Miles by boat	4.8						2							32				38.8
Miles by golf cart														13				13
Miles Owling	16.5	4.5					11		1			35	3	15	4	10	60	160
Date	5/14	4/30	4/29	5/13	5/13	5/7	5/7	5/13	5/13	4/29	5/13	4/30	5/5	4/30	5/13	4/29	5/13	