

1998 Spring Bird Count

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Compilers' Comments

This year had the lowest participation since 1992. This is reflected in the numbers: in 1997 939.85 party hours were spent counting 62,142 individuals of 210 species. This year only 814.5 hours were spent finding 51,361 individuals of 199 species. 14 count areas were represented, down one from the 15 that participated last year. Chapel Hill, Raleigh, and Shelby did not send in counts this year. New counts for this year were Stone Mountain and Mt. Jefferson. We have increased our mountain coverage, but our coastal coverage is almost non-existent.

As usual we have had a large number of species whose numbers have declined. After years of increase, Double-crested Cormorants showed a sizable drop. Ring-billed Gulls were down, but they may have just left early. Mallards were also down. Common Loons, Pied-billed Grebes, and Canada Geese were up. Wild Turkeys have better than doubled their numbers, but bobwhites were still declining. There was a big increase in coots. As a group swallows, many of the flycatchers, and other insect-eaters such as the Blue-gray Gnatcatcher were down. This may reflect the cool, wet spring. Phoebe's, however, were up.

That weather may also account for the increase in "cold-weather birds" like Red-breasted Nuthatches, White-throated and White-crowned Sparrows, and Evening Grosbeaks. While the overall number of juncos was less than last year because fewer were reported by Avery County, they actually showed up in more Piedmont counts. Flickers, Red-bellied, Red-headed, and Downy Woodpeckers were down, as were the mimic-thrushes, shrikes and Bobolinks. Both Rock and Mourning Doves were down. Among the thrushes, robins and Swainson's Thrushes were down, but Ovenbirds were up.

As has been true in the past, many of the warblers were down, including Common Yellowthroats and Yellow-breasted Chats. This was also true for Red-eyed Vireos. There were several warbler species that did show an increase: Blackburnian, Yellow-throated, Pine, and Palm Warblers. Summer Tanagers and Blue Grosbeaks declined, as well as cardinals, Indigo Buntings, Eastern Towhees, Swamp Sparrows, and Fish Crows. There were a few more ravens reported.

Also showing an increase were Blue Jays, Ruby-crowned Kinglets, goldfinches, and Chipping and Song Sparrows. Some species are showing an

increase this year after years of decline were Yellow-billed Cuckoos, screech-owls, White-eyed Vireos, Field Sparrows, Whip-poor-wills, and nighthawks. Meadowlarks were holding steady. After several years of increases, Ospreys, kestrels, and Scarlet Tanagers were down. Grackles, starlings, Brown-headed Cowbirds, and House Sparrows were all down from previous years, which will dismay few people.

AVNC-Avery County, NC. Center at Grandfather Mountain entrance. May 10, 550 - 2150h. Temp. 40° - 60°F. Some mild fog, otherwise no precipitation; wind 1-3 Beaufort. Sky clear to partly cloudy.

Participants: Compiler and only participant: G. Rad Mayfield, III. 730 Maltba Rd., Newland, NC, 28657.

DUNC-Durham, NC. Center one mile east and one mile north jct. Eno River and US 501. April 26, 0530 - 1625h. Temp. 55° - 75°F. No precipitation. Wind 0-10 mph, variable, windier in the PM., sky clear.

Participants: Compiler: Michael Schultz, 5504 Woodberry Rd. Durham, NC 27707. Kua Anderson, Don Brightsmith, Bryan Bomberg, Norm Budnitz, Will Cook, Anson Cooke, Dwayne Cooke, Tom Driscoll, John Fredrick, Rachel Harden, Ken Knapp, Janet Krakauer, Tom Krakauer, Todd Plummer, Josh Rose, Lois Schultz, Michael Schultz, Douglas Shadwick, Ben Steere, Johathan Steere, Edith Tatum, Richard Youket, Bruce Young.

Compiler's Comments: Great Blue Heron numbers include 11 chicks on about 20 nests - Knapp on Reeds Creek.

GRNC-Greensboro, NC. Center At jct of Highway 220N and Pisgah Church Road. May 2, 630 - 1800h. Temp. 50°-68°. 01" of precipitation; wind 7 mph W in the morning and 18 mph W in the afternoon. Clear in the morning to mostly cloudy in the afternoon.

Participants: Compiler: Don Allen, 2611 David Caldwell Dr., Greensboro, NC 27408. Carolyn Allen, Donald Allen, Charles Campbell, Chris Carter, Sue Cole, Scott DePue, Rose Freeman, Larry Gasper, Isabel Gillespie, Stan Gilliam, Herbert Hendrickson, Sally Howell, Nancy Hunt, Phillip Kellam, Elizabeth Link, Henry Link, Clarence Mattocks, Jim Mattocks, Jean McCoy, Lynn Moseley, Sue Scott, Lucile Swarts, Emily Talbert.

Compiler's Comments: For the most part this was a pleasant and enjoyable day to be in the field. The time before noon certainly started the day right. The afternoon provided rising wind velocities and a small amount of rain in some parts of the count territory, but the temperatures stayed in a comfortable range. In 1997 the cool damp weather seemed to be the source of modest count numbers. The 1998 species totals were up by five, but the total number of individual

birds went down by more than 800. Common species such as Mallard, Mourning Dove, American Robin, and Common Grackle were reported in smaller numbers this year. The number of warbler species was up a bit, three groups reported Red-breasted Nuthatches, and the Peregrine Falcon reported by Nancy Hunt and Sue Scott was a source of ample satisfaction.

GVNC- Greenville, NC. Center at 35°35'N 77°14'W, jct SR 1762 & SR 33. April 26, 0530 - 1930h. Temp. 48° - 80F with no precipitation. Wind was 5 mph SW-W, and the sky was clear.

Participants: Compiler John Wright, 1953A Quail Ridge Rd., Greenville, NC, 27858 and Dr. Veronica S. Pantelidis, 106 Lakeview Dr., Greenville, NC, 27858; Brad Carlson, Carl Darden, Jamie Glydon, Tom Henson, Dave Kaminski, Ernie Marshall, Rosalyn Mullins, Veronica Pantelids, Howard Vainright, John Wright, Paula Wright.

ICNC- Iredell County. Center at Chipley Ford Road Bridge at South Yadkin River. May 3, 0630 - 1600h. Temp. 52°-72° F. Heavy thunderstorms in the afternoon. No wind in the morning, SW 15-20 mph in the afternoon. Sky was sunny in the morning, cloudy in the afternoon.

Participants: Compiler Sam Cathey, 130 Park Street, Stateville, NC, 28677. Penny Benbow, Sam Cathey, Lois Goforth, Thad Goforth, Jack Green, Janet Powell, John Robertson, Allen Stanly, Garnet Underwood, Ron Underwood, Laura Webb.

JLNC - Jordan Lake, NC. Center at former crossing of New Hope River and Pea Ridge Rd (Rt. 1700), now under water. May 5, 0500 - 1030h. Temp 45° - 80° F. Slight scattered showers in the afternoon. Wind 0-5 mph S, sky clear in the morning, 50% cumulus developing to overcast in the afternoon.

Participants: Compilers Barbara Roth, 347 Carolina Meadows Villa, Chapel Hill, NC, 27514 and Will Cook, 418 Sharon Rd., NC, 27514. Mary Lou Anderson, Kim Aycrigg, Barbara Beaman, Yvonne Becker, Mary Bird, Barbara Brooks, Peter Burke, Halbert Carmichael, Barbara Coffman, Patrick Coin, Will Cook, Anson Cooke, Jefferson Dalby, Emily Devoto, Matt Dube, Beth Duncan, Claudia Egelhoff, John Finnegan, Bryan Goldston, Maurice Graves, Perry Haaland, Steve Hall, Willard Hartman, Carol Hay, Russell Herman, Loren Hintz, Stephanie Horton, Tom Howard, Betty King, Ken Knapp, Chip Konrad, Janet Krakauer, Tom Krakauer, Barbara Logue, Terry Logue, Phillip Manning, Melinda Meade, Judy Murray, Monica Nees, Rick Payne, Kevin Powell, Faith Reilly, Kathy Roggenkamp, Barbara Roth, Doug Shadwick, Joshua Southern, Sterling Southern, Norm Talman, Trudy Talman, Ginger Travis, Andy Upshaw, Margaret Vimmerstedt, Marta Wayne.

Compilers' Comments: We saw an average number of species on this count, conducted on a pleasant spring day. Our total was 130, 16 short of our high of 146 in 1992, but better by 10 than last year, when our count conflicted with the new Migration Day effort. The individual numbers, 7,887, were also average; last year we only totaled 5,961. We missed a number of shorebirds, possibly because the lake was a bit higher than normal. We also lacked a number of migrant warblers. A few sparrows were missed because of habitat loss.

This count circle is undergoing a siege by developers, due to the continuing expansion of the Research Triangle area and the desire for "country" homes. Perhaps 1/8 of our circle was once covered by a forest known as "Big Woods." This is being eroded from all directions. Fearington Village is pushing down from the north. Developments are mushrooming from the east (the west side of Jordan Lake), and from the south (above Highway 64.) Most tobacco farms have ceased to exist and are being bought by developers. The Corps of Engineers land around the lake, once old fields, has now grown up into pine forest for the most part, except for park areas. In the south, big industry is increasing, with companies such as Weyerhaeuser, which are creating a huge monoculture of pine forest, cut on a short cycle for pulp manufacture. Golf courses are being created from prime farm land.

Despite this, we had some encouraging results. Among new species for the count were Black Scoter and Alder Flycatcher. Common Nighthawk was seen for only the second time, and a number of Evening Grosbeaks remained. We had the highest number ever of Tufted Titmice, Wood Thrushes, Yellow-throated and Black-throated Blue Warblers, Red-eyed Vireos, and Scarlet Tanagers. I would ascribe this to an increase in accessible forest land, due both to road building through such areas as Big Woods and the fact that old fields have grown into forested land. We had better results with owls this year, too. Yet there were decreases in numbers of kingfishers, Purple Martins, and Red-winged Blackbirds. Only one Bobolink was observed in passage: Usually we get quite a few. For only the second time since this count started in 1977 we found no Northern Waterthrushes in passage. Kentucky Warblers seem to be barely hanging on, with only 2 seen in each of the past 4 years. The Bachman's Sparrow has lost its habitat, at least until another clear-cut occurs in the south of the circle; none were found.

MJNC - Mount Jefferson, NC. Center at 36°28'N 81°27'W. May 9, 0600 - 2130h. Temperature 55° - 65°F. Light rain early, clear later. Wind very light out of NW, with the sky overcast early, clear by 1300.

Participants: Compiler James Corman, 9124 NC Hwy 93, Piney Creek NC, 28663. George Capra, Paula Capra, John MacConnell, Janet Kelly, Les Saucier.

NRNC - New River, NC. Center at 36°31'N 81°12'W. May 9 0500 - 1430h. Temperature 52° - 65°F. Light rain in the morning, clear later. Wind was calm to light breeze, NW, with heavy overcast early, clearing by noon.

Compiler: James Corman, 9124 NC HWY 93, Piney Creek, NC 28663. Harold Blevins, Velma Blevins, Opal Bryant, James Corman III, James Corman Jr., Adelia Cox, Henrietta Cox, Kenneth Cox, Katherine Higgins, Elizabeth Scott.

SMNC - Stone Mountain, NC. Center at 36° 20' N 81° 01'W. May 9, 0700 - 2030h. Temperature 55° - 74°F. No precipitation. Wind 10-15 mph SW, with clear skies.

Participants: Compiler James Corman, 9124 NC HWY 93, Piney Creek, NC 28663. Jim Billings, Greg Church, Curtis Smalling.

Compiler's comments (for SMNC, MJNC, AND SMNC): We have had a very good effort this year, with an excellent number of participants and generally good weather for birding. In every year the number and competence of our counters increases, giving better coverage of our areas and better data.

There are several aspects of the spring migration this year that are apparent to me after this count that are unexpected and make this year quite different from those in the recent past. Despite the extremely mild winter and spring, we are seeing far more winter birds lingering in this area than in the past, with numerous reports of Evening Grosbeaks, Pine Siskins, Dark-eyed Juncos, White-throated Sparrows, 2 Red-breasted Nuthatches (G&P Capra), and one Ruby-crowned Kinglet (Corman). This unexpected trend was confirmed by Jim Keighton's report on May 18 of nesting Winter Wrens at Air Bellows Gap.

Further, numbers of all species of hawks appear to be present in very low numbers compared to past years at this date, indicating that the migration is late. These include virtually all flycatchers, thrushes, cuckoos, Grasshopper Sparrows, Chimney Swifts, and Green Herons. Warbler diversity is similar to that of the past, but total numbers are lower. Only one Red-shouldered Hawk was reported, by Curtis Smalling, and only one party (Corman and Corman) reported kestrels. This appears to be the first year since 1987 that kestrels will not be nesting in boxes on my farm.

We have had several truly unusual reports on these counts, as follows: "Lawrence's Warbler": A singing male of this extremely rare Blue-winged X Golden-winged Warbler hybrid was carefully observed by Les Saucier at his home near Todd in Ashe County.

Red-breasted Merganser: A male of this unusual migrant inland was observed by the Blevins at Farmer's Fish Camp Bridge over the New River in Alleghany County.

Bobolink: One male observed by Katherine Higgins near Cox's Chapel in Grayson, possibly indicating a new site for this very rare breeder in this area.

Black Tern: One bird was carefully observed circling over the New River near Piney Creek by Corman & Corman. This is an extremely rare inland migrant in the spring, with only three references in the literature readily available to me regarding sightings in the NC mountains north of Asheville (Julian Park Lake, Boone).

Black-billed Cuckoo: One bird arrived at my farm in Piney Creek on 12 May, giving us a count week (CW) report of this difficult to find species.

Cliff Swallow: One report of 2 birds by Elizabeth Scott on the New River in Grayson County, VA, near Independence.

Blue Grosbeak: Several reports of this species that appears to be expanding its range west of the Blue Ridge, with A. & K. Cox and J. Corman, Jr. reporting on the count, and several reports from the eastern Alleghany County.

Summer Tanager: Only one report, from the usual site in older hardwoods on my farm in Piney Creek.

Golden-winged Warbler: Several reports from the usual New River locations, with Saucier having a new site near Todd.

Warbling Vireo: Several reports from the usual New River sites.

Kentucky Warbler: One report of this rarely seen species by Blevins in Grayson County.

Red-headed Woodpecker: One reported by H. Cox from Cox's Chapel in Grayson County.

Bobwhite: Only one report of a single calling male in Piney Creek.

RVNC- Raven Rock State Park, NC. Center at jct of NC 210 and SR 1434; 2.75 miles north of Lillington. April 25, 0600 - 1100h. Temperature 45°-77°F with no precipitation. Wind was variable, 0-5 mph, sky mostly clear throughout the day.

Participants: Compiler Paul C. Hart, Raven Rock State Park, 3009 Raven Rock Rd., Lillington, NC 27545. David Brown, Paul Hart, Scott Hartly, Bobby Lutfy, Mitch Reese, Larry Rose, Molly Salsig, Mary Stevens, Sarah Stevens, Erik Thomas.

Compiler's Comments-The count was held about a week earlier this year to avoid conflict with the Spring Carolina Bird Club meeting. The species total of 114 is about average. We had several "misses", including Red-headed Woodpecker (which was seen the morning following the count), Horned Lark, Yellow Warbler, American Woodcock, and Wild Turkey. Seventeen species of warbler were observed, which is a few species lower than the past few years. Cliff Swallow was observed again this year at the US 401 bridge over the Cape

Fear River in Lillington. This species nested at this site last year. It appears that this may become a regular nesting site for this range expanding species.

Among the "good finds" this year were Northern Waterthrush by Mitch Reese, Baltimore Oriole by Erik Thomas, and Great Egret by Mary Stevens and Molly Salsig. Otherwise, there were no remarkable species this year.

SPNC-Southern Pines, NC. Center at 35°13N 79°19'W, 1 mile NE of the skyline. April 26, 0500-1630h. Temp. 57°-77°F. No precipitation. Wind 5 mph S -22mph SSW with a clear to partly cloudy sky.

Participants: Compiler Libba Watson, and Jay Carter, Weymouth Woods-Sandhill Nature Preserve, 1024 Ft. Bragg Rd., Southern Pines, NC 28387. Jason Bak, Jackie Britcher, Dick Burk, Marion Burk, Susan Campbell, Jay Carter, Joe Daigneau, Kristin Daigneau, Dick Dole, Lois Dole, Charlotte Gantz, Barbara Gearheart, Scott Hartly, Pat Hoffman, Dean Holzgraz, Tom Howard, Sally Logan, Leo Magiera, Al McDonald, Trevor McDonald, Susan Ladd, Alan Schultz, Megan Schultz, Barbara Simpson, Mary Stephenson, Libba Warson, Alice Wood, Don Wood.

WSNC- Winston Salem, NC. Center at jct of Bus. I-40 and Silas Creek Parkway. May 2, 0600-1800h. Temp. 56°-74°F. Only a trace of precipitation. Wind was from the southwest and the sky was clear to cloudy.

Participants: Compiler David Disher, 4145 Chatham Hill Drive, Winston-Salem, NC 27104. Don Amick, Kay Bergey, Gerald Berry, Don Burke, Pam Burke, Reggie Burt, John Carter, Linda Davis, Rebecca Deaton, Doug Deneve, David Disher, Susan Disher, Gardner Gidley, Margaret Gidley, Bill Hammond, John Hammond, Susan Hammond, Burt Hollifield, Royce Hough, Bill Jackson, Lois Jones, Judy Jordan, Nancy Jordan, Pete Jordan, Barbara Kendrick, Leon Kendrick, Peggy Kinlaw, Liz Schmidt, Jim May, Sue Moore, Tom Mowbray, Ed Mulvey, Margaret Mulvey, Ann Newson, Dottie Pennington, Ann Pollard, Paul Powers, Lloyd Ramsey, Tom Schmid, Jackie Shelton, Marilyn Shuping, Ramona Snavely, Sebastian Sommers, Paul Spain, Jim Spencer, Bill Sugg, Gray Tuttle, Jay Wilhelmi, Bob Witherington .

Compiler's Comments: Overall the migrant numbers were lower than in the past. The main warbler migration did not seem to occur all at once as it has before. This count has a new spring record (during count period) of an immature Bald Eagle observed at Salem Lake. Every year there are fewer and fewer farming areas and more and more housing developments in our count circle. Our grassland species are getting more difficult to find.

CGSC-Congaree Swamp, SC. Center at 33°46'N, 80°45'W; 400 meters NW of confluence of Bates Mill Creek and Congaree Swamp. May 9, 0600-1900h.

Temp. 65°-83°F. No precipitation. Wind was calm, and the sky was clear to partly cloudy.

Participants: Compiler Robin Carter, 4165 E. Buchanan Drive, Columbia, SC 29206. Fran Almond, Robin Carter, Steve Dennis, John Foy, Gene Hall, Joyce Hall, Thomas Hartman, Heidi Hoerman, Leanne Jarrett, Sonny Jarrett, Alice Parham, Jack Stuart, Lula Stewart, James Wilson.

SPSC-Spartanburg, SC. Center just south of downtown airport. May 9, 0530-2230h. Temperature 60°-79°F. No precipitation. Wind was calm to 17 mph, and the sky was clear.

Participants: Compiler Lyle Campbell, 126 Greengate Lane, Spartanburg, SC 29307. Robbie Allen, Frankie Altman, John Berry, Susan Berry, Beth Bartel, Jim Brown, Pat Burton, David Campbell, Lyle Campbell, Matthew Campbell, Sarah Campbell, Marion Clark, Aaron Cooper, G.R. Davis, Stan Easley, Nell Foster, Roy Fowler, Pat Fowler, Onoosh Gahaghan, Ron Gahaghan, Teresa Glen, Ashley Glen, Cathy Hill, Stephen Harris, J.B. Hines, Myra Hines, Flip Jones, Joel Jones, Linda Kimbrell, Tiffany Kimbrell, Micky Marotte, Ed Medlin, Gail Medlin, Jim Miller, Bill Moddy, Marian Murph, Mary Ann Myers, Gill Newberry, I.B. Panell, Lisa Pearson, Mary Potter, Doug Raynor, Walton Scott, Ginny Scott, Tina Taylor, Dick Thorpe, Lois Thorpe, Gerald Thrumond.

Species	AVNC	DUNC	GRNC	GVNC	ICNC	ILNC	MJNC	NRNC	RVNC	SMNC	SPNC	WSNC	CGSC	SPSC	TOTAL
Common Loon			1			2			3		4	1			11
Pied-billed Grebe		1	2	4		1					5				13
Dbl.-cr. Cormorant		387	154	15		230			6		36	3		2	833
American Bittern				1											1
Least Bittern											1				1
Great Blue Heron	3	59	6	25	10	12		4	9		7	5	4	5	149
Great Egret				8				2	1		4		10		25
Little Blue Heron											1		1		2
Cattle Egret				28											28
Green Heron	*	14	13	3	6	7			9		5	16	3	7	83
Black-cr. Nt-Heron		1		1											2
Yellow-cr. Nt-Heron			2								*	2	1		5
Canada Goose	2	165	410	43	60	72	2	21	88	11	71	461	2	96	1504
Wood Duck	11	39	17	45	12	46		5	11		35	29	2	4	256
Am. Black Duck				12											12
Mallard	1	33	162	19	10	45			19	1	54	114		106	564
Blue-winged Teal		2	8	*	6									*	16
Lesser Scaup											1				1
Black Scoter						1									1
Bufflehead											2				2
Hooded Merganser		1		1											2
Red-br. Merganser			5					1			7				13
Ruddy Duck				2							3				5
Black Vulture		23	1	11	12	13	8	14		10		6	3	4	105
Turkey Vulture	3	76	25	92	24	106	10	33	21	44	29	41	18	30	552
Osprey	1	14	5	1	1	15		1	2			4		2	46
Mississippi Kite													12		12
Bald Eagle			1	4		6					1	*			12
Northern Harrier				1										1	2
Sharp-shinned Hawk			1		1			1			2	2	1	3	11
Cooper's Hawk	1		2	2		1	1	2			1	6		1	17
Accipiter sp.		2	1			1			1						5
Red-shoulder Hawk		15	11	3	6	12			5	1	8	8	3	7	79
Brd.-winged Hawk	1	4	1	*	2	3	2	2	4	1	2	5		2	29
Red-tailed Hawk	1	19	33	10	11	24		8	7	1	9	29	8	23	183
Amerian Kestrel	*		4					2	1		1	2		3	13
Peregrine Falcon			1												1

Species	AVNC	DUNC	GRNC	GVNC	ICNC	JLNC	MJNC	NRNC	RVNC	SMNC	SPNC	WSNC	CGSC	SPSC	TOTAL
Ruffed Grouse	1							2		2					5
Wild Turkey	1	3			17	3	6	20		16			1	50	117
Northern Bobwhite	1	3	7	12	9	17		1	12	2	12	1	6	9	92
Common Moorhen		1													1
American Coot		1			1	1			1		157				161
Semipalm. Plover					2										2
Killdeer	2	24	21	39	33	34		2	37		12	30	1	23	258
Greater Yellowlegs			2	4	17				3		1				27
Lesser Yellowlegs		1		4					1			8			14
Solitary Sandpiper	3	9	19	1	23	10			7		1	63	1	5	142
Spotted Sandpiper	10	8	19	5	12	11		2	3		12	28		8	118
Semip. Sandpiper					4										4
Western Sandpiper														1	1
Least Sandpiper			4	40		1			10		1	7			63
Pectoral Sandpiper				15											15
Common Snipe		1	1	13							1				16
American Woodcock						2					50				52
Bonaparte's Gull						1									1
Ring-billed Gull		122	66	3	1	139						15		*	346
Herring Gull		1		3		1									5
Caspian Tern		7				21					5				33
Black Tern								1							1
Rock Dove	*	38	77	8	14	15		10	13		21	224		18	438
Mourning Dove	2	107	190	170	207	189	18	90	115	31	170	190	39	166	1684
Blk.-billed Cuckoo								*				1			1
Yel.-billed Cuckoo		2	2			43		2	1		4	1	20	3	78
Common Barn-Owl								1						1	2
E. Screech Owl	*	2		5		2		2	3		2	1	1	*	18
Gt. Horned Owl		1	2	1	1	4		1			1	4	1	*	16
Barred Owl		10		1	3	14			3		7	3	2	4	47
Short-eared Owl															1
Com. Nighthawk			*		1	2					10	1		3	17
Chuck-will's-widow		4		5	1	4			2		41	1	2	22	82
Whip-poor-will		3	2	5	2	27			2		33	*	3	8	85
Chimney Swift	4	117	183	126	66	137		21	97	13	50	261	27	113	1215
Ruby-thr. Hummer	5	12	5	6	5	30	22	29	9	2	6	6	6	15	158
Belted Kingfisher	3	8	8	15	4	2	1	7	2	2	4	7		7	70

Species	AVNC	DUNC	GRNC	GVNC	ICNC	JLNC	MJNC	NRNC	RVNC	SMNC	SPNC	WSNC	CGSC	SPSC	TOTAL
Red-head. Woodp.		5	1	1		7		1	*		8	*	12	3	38
Red-bel. W-pecker	1	55	47	26	21	107	2	14	41	7	50	83	29	40	523
Yel.-bel. Sapsucker												1		*	1
Downy W-pecker	1	23	17	10	4	35	2	14	11	3	13	12	6	16	167
Hairy Woodpecker		1	4	2	3	14	1	10	1		1	4	4	9	54
Red-ckd W-pecker											13				13
Northern Flicker	*	15	21	14	7	21		7	12	2	17	34	1	6	157
Pileated W-pecker	3	4	2	9	6	15	2	16	6	7	13	5	15	14	117
E. Wood-Pewee	1		3	1	6	27		9	1	12	11	3	13	14	101
Acadian Flycatcher		2	5	17		11		5	1	1	2	*	30	5	79
Alder Flycatcher						1									1
Willow Flycatcher															1
Least Flycatcher								1					1		1
Eastern Phoebe	4	21	12	9	17	34	10	25	17	16	19	25	1	32	242
Gt. Cr. Flycatcher		16	14	52	3	83		7	29	5	84	15	34	14	356
Eastern Kingbird	*	40	31	10	22	81	4	28	34	7	42	34	17	64	414
Horned Lark			4	24							2				30
Purple Martin		24	191	13	103	49			8		112	74	20	43	637
Tree Swallow	2	9	36	6	2	25		19			14	1		1	115
Rough-w. Swallow	5	8	33	43	8	23		10	23	2	23	66	2	6	252
Bank Swallow		4	2	2					2	6				2	18
Cliff Swallow		22				35		2	1			6			66
Barn Swallow	3	96	113	78	80	130		66	81	39	65	159	16	71	997
Blue Jay	10	219	195	48	76	227	34	56	60	28	102	312	27	145	1539
American Crow	22	119	242	93	100	286	23	158	107	100	142	192	23	132	1739
Fish Crow		17	10	39		20			19		59		17	*	181
Common Raven	*		1				1	13				*			15
Carolina Chickadee	5	123	143	61	26	199	14	51	54	21	53	145	16	49	960
Tufted Titmouse	12	140	143	64	35	280	18	53	59	18	71	138	49	69	1149
Red-br. Nuthatch	2	*	4	*				2							8
White-br. Nuthatch	1	14	11	6	7	8	6	11			11	18	2	15	110
Brown-he. Nuthatch		36	22	1	4	32		9		2	52	13	12	20	203
Carolina Wren	7	127	99	79	32	193	1	23	71	23	105	112	70	64	1006
House Wren	2	19	13		7	6		16	4	6	2	20		5	100
Winter Wren	2														2
Sedge Wren	*											1			1
Golden-cr. Kinglet	1		1												2

Species	AVNC	DUNC	GRNC	GVNC	ICNC	JLNC	MJNC	NRNC	RVNC	SMNC	SPNC	WSNC	CGSC	SPSC	TOTAL
Ruby-cr. Kinglet	2	24	16	3	4	7		1	4		5	19			85
B-g. Gnatcatcher	*	219	42	68	14	242		32	85	14	100	30	19	29	894
Eastern Bluebird	2	87	91	77	119	108	9	57	105	29	133	89	10	140	1056
Veery	6	1	3			4	5		1			5		1	26
Gray-cheek Thrush			1									1			2
Swainson's Thrush			12		1	6						10		1	30
Hermit Thrush									3		1	3			7
Wood Thrush	9	40	53	52	8	127	3	7	18	10	21	59	5	5	417
American Robin	13	215	416	138	105	93	7	75	113	13	120	411	6	255	1980
Gray Catbird	3	19	42	12	5	43	2	16	16	2	29	35	10	16	250
N. Mockingbird	*	72	131	64	77	73		5	82	17	92	103	37	148	901
Brown Thrasher	1	25	38	14	25	42		13	20	10	45	40	15	95	383
American Pipit											1			1	2
Cedar Waxwing	2	46	226	9	30	57		20	30	33	23	217	6	110	809
Loggerhead Shrike			2	8					8		4		8	1	31
European Starling	8	270	462	270	71	122		99	159	38	131	528	2	133	2293
White-eyed Vireo	*	47	3	61	4	57	2	5	24	2	41	5	39	4	294
Solitary Vireo	12	1	4	1		2	1	3	5	3	3	6		*	41
Yellow-thr. Vireo		11	3	7	1	23	4	17	6		6	3		3	86
Warbling Vireo								9							9
Philadelphia Vireo			1												1
Red-eyed Vireo	11	185	107	60	45	326	4	54	69	31	38	66	33	49	1078
Blue-winged Warb.		2	1		1	7						2			13
Golden-wi. Warbler							2	2							4
"Lawrence's Warbler"							1								1
Northern Parula	1	37	15	39	8	78		15	17	6	6	10	40	28	300
Yellow Warbler	2	4	2	1	3	10	2	24		1	1	13		8	71
Chest-sided Warb.	4		1			6	14			1		9		3	38
Magnolia Warbler				1		3						4		1	9
Cape May Warbler			*		2					4		10		*	16
Blk.-thr. Blue Warb.	8	4	35	2	1	72	6	5	1		1	25	5		165
Y-rumped Warbler	*	407	171	127	34	278	2	32	249	12	105	170		16	1603
Blk-thd Green Warb.	5		9	1	4	3		1		2		1		1	27
Blackburnian Warbler			1									1		11	13
Yellow-thr. Warbler		30		20		122			21		27	3	9	5	237
Pine Warbler		171	27	24	15	203		1	33	13	95	25	25	18	650
Prairie Warbler		29	6	13	3	62		8	34		28	3	4	17	207

Species	AVNC	DUNC	GRNC	GVNC	ICNC	JLNC	MJNC	NRNC	RVNC	SMNC	SPNC	WSNC	CGSC	SPSC	TOTAL
Palm Warbler	1	5	2			9		1	2		1	4		1	26
Blackpoll Warbler			2		4	5		1		1		*		1	14
Blk. -&-white Warb.	2	10	15	7	3	54	10	3	10		36	6	1	6	163
American Redstart	1	6	15		5	55	1	8	10	1	5	23	4	2	136
Prothonotary Warb.		17		49		17			40		22	*	21		166
Worm-eating Warb.	1	1	4	3		2						*		3	14
Swainson's Warbler				3							6		5		14
Ovenbird	11	30	18	41	1	132	8	27	18	3	27	10	1	1	328
N. Waterthrush			3						1		5	*	6		15
La. Waterthrush	*	3	4	5		15	4	1	6	1	1	1	1	6	47
Kentucky Warbler				7		2		1	2		1	*	4	1	18
Mourning Warbler														2	2
Com. Yellowthroat	2	100	34	32	12	84	2	12	31	8	42	39	15	7	420
Hooded Warbler	14	5	12	3	1	31	1	8	9	4	29	8	17	5	147
Wilson's Warbler														3	3
Canada Warbler	7					*									7
Yellow-br. Chat		11	6	6	22	82	1	3	6	4	4	7	8	2	162
Summer Tanager		18	3	13		107		1	23		17	3	16	23	224
Scarlet Tanager	9	10	6	3	7	120	6	30	5	10	1	11	2	18	238
Northern Cardinal	6	207	270	63	104	275	11	46	71	37	144	238	69	143	1684
Rose-br. Grosbeak	*		2	2	5	17	10	4	1	1	2	7		6	57
Blue Grosbeak		17	10	20	22	86		3	5	9	11	9	17	11	220
Indigo Bunting	9	37	36	32	77	122	25	79	20	60	4	51	27	63	642
Painted Bunting													3		3
Eastern Towhee	19	111	76	24	13	115	15	44	39	8	94	103	29	45	735
Bachman's Sparrow											3				3
Chipping Sparrow	3	118	69	37	27	76	9	58	76	27	99	114		40	753
Field Sparrow		61	32	33	34	62		37	15		27	16	5	32	354
Savannah Sparrow	*	14	2	39		3			21		2	12		10	103
Grasshopper Sparrow		5	1	3	9			3	14		2	8		7	52
Henslow's Sparrow				1											1
Song Sparrow	11	34	65	6	20	3	16	66		24	3	85		22	355
Swamp Sparrow		16							3			1			20
White-thr. Sparrow	1	200	48	79	31	40		2	96	2	77	171	2	6	755
White-cr. Sparrow	*	8	5		4							2			19
Dark-eyed Junco	19						9	3		1		2			34
Bobolink	*		*	1	53	1		1				26	34	6	122

Species	AVNC	DUNC	GRNC	GVNC	ICNC	JLNC	MINC	NRNC	RVNC	SMNC	SPNC	WSNC	CGSC	SPSC	TOTAL
Red-w. Blackbird	5	473	63	105	62	57	13	133	49	20	53	59	19	63	1174
Eastern Meadowlark	3	24	40	84	110	66	1	10	42	12	55	19	3	73	542
Rusty Blackbird						1									1
Common Grackle	5	324	442	197	162	227		26	179	22	142	369	63	274	2432
Br.-headed Cowbird	2	81	32	68	5	124	17	21	29	5	35	120	16	24	579
Orchard Oriole		20	13	19	7	31		8	18		23	15	13	4	171
Baltimore Oriole			11		2	8	2	31	1	7	1	10		2	75
Purple Finch											2			4	6
House Finch	*	71	103	50	13	55	6	23	26	3	29	52	9	59	499
Pine Siskin	24						23		3						50
American Goldfinch	32	265	268	123	62	338	33	145	33	25	94	488	2	46	1954
Evening Grosbeak						8	10	1	8	1					28
House Sparrow	*	94	26	58	46	26		7	55	6	22	21	2	25	388
No. of Species	75	120	131	125	106	131	61	109	114	78	130	126	95	121	199
No. of Individuals	416	6841	6553	3808	2656	7888	487	2250	3229	985	4152	7076	1283	3737	51361
Total Field Hours	15	68	92.25	31.25	33	125	26	41	49.75	22	73	121	14	103.25	814.5
Hours on foot	2	56.5	68.75	26	9	94	25	25	28.25	7	40.5	114	8	39.5	543.5
Hours by car	9.5	11.5	23.5	5.25	24	25	1	11	21.5	15	32.5	3.5	6	21.25	210.5
Hours by boat	3.5					5								3	11.5
Hours by bicycle						1									1
Hours by ATV								5							5
Hours Owling	1.5	1		1		6			4		5.5	3.5		2.5	25
Total Field miles	97	191	442	179	182	293	55	160	354.75	152	107.5	292	88	386.2	2871.95
Miles on foot	3	46	51	20	8	64	20	25	19.5	7	23.5	56	4	28.5	375.5
Miles by car	90	145	391	159	174	221	35	130	335.35	145	384	236	84	313.7	2843.05
Miles by boat	4					4								4	12
Miles by bicycle						4									4
Miles by ATV								5							5
Miles Owling	20			5		16.5			1		18.2	11		40	111.7
Date	10-May	26-Apr	2-May	26-Apr	3-May	3-May	9-May	9-May	25-Apr	9-May	26-Apr	2-May	9-May	9-May	