

2016 Spring Bird Counts in South Carolina

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Seven spring migration counts were conducted in South Carolina from April 24 to May 21. The 145 participants reported 216 species, down from last year's high count of 223. Overall there were 27 species of warblers reported, down from the count high of 30 reported last year. Our species counts for waterfowl (9) and shorebirds (22) were also down from last year's numbers (17 and 25, respectively).

Additional highlights for each of the counts are provided by the count compilers below.

Compilers' Comments

Greenville County: May 7 (*one area covered on May 8*), 133 species, 4069 individuals

Coordinator: Paul Serridge
4 Audrey Lane
Greenville, SC 29615

Participants: Derek Aldrich, John Asaro, Joan Baker, Jim Buschur, Marion Clark, Steve Compton, Don Cox, Steve Cox, Denise Dupon, Don Faulkner, Chip Gilbert, Gene Hall, Joyce Hall, Gary Harbour, Genny Hill, J.B. Hines, Rob Hunnings, Jerry Johnson, David Kirk, Jane Kramer, Kevin Kubach, Tim Lee, Yves Limpalair, Chris Peak, Merikay Pirrone, Michael Robertson, Charlie Rucinski, Barbara Serridge, Paul Serridge, Allison Stoiser, Judith Webb, Susan Zickos

Thirty-two participants birded 18 areas in Greenville County. Seventeen areas were covered on May 7; the count at the Furman University campus was postponed until May 8 because of a conflict with campus-wide activities that day. The weather on both days was ideal for birding with lows in the mid-40s and highs around 80F, partly cloudy, and very light winds.

Mississippi Kite and Alder Flycatcher were firsts for the Spring Migration count. Hooded Merganser, Olive-sided Flycatcher, and Gray-cheeked Thrush were only the second reports of these species on any Greenville County Spring count.

Twenty-five warbler species were reported, contributing to a total of 133 species, just 1 lower than the record set in 2015. Records since 2005 show a

total of 176 species reported during the Spring Migration Counts in Greenville County.

Spartanburg County: May 14, 109 species, 4464 individuals

Coordinator: Lyle Campbell
126 Greengate Lane
Spartanburg, SC 29307

Participants: Doug Allen, Carol Anderson, Tom Broome, Tim Brown, Dan Bryant, David Campbell, Lyle Campbell, Sarah Campbell, Timothy Campbell, Dan Codispoti, Ed Elam, Kathleen Elam, J. B. Hines, Jack Jennings, Rebecca Jones, Jeanette Keepers, Don Knight, Mary Knight, Joe Mitchell, Roberta Mitchell, Nora Moore, Mary Ann Myers, William Myers, Robert Powell, Doug Rayner, Mack Shealey, Kim Shorter, Kristen Taylor, Gerald Thurmond, Oliver Whitaker, Terri Whitaker, Earl Wilson, Lanita Wilson, Peggy Yo

The Spartanburg 2016 Spring Count found a low count of 109 species. Our warbler count was 15 species. Best birds were a Mississippi Kite and a pair of Red-breasted Mergansers. Whip-poor-wills and Chuck-wills Widows were hard to come by. We had a reduced number of counters, field and feeder, but welcomed four first-time participants.

Cherokee County: May 21, 78 species, 1280 individuals

Coordinator: Lyle Campbell
126 Greengate Lane
Spartanburg, SC 29307

Participants: David Campbell, Lyle Campbell, Sarah Campbell, Timothy Campbell, Claude Cobb, Kaitlin Finnan, J. B. Hines, Teresa Liebfreid, Patricia Morgan

The Cherokee 2016 Spring Count was low on participants, but still found 78 species. Our warbler count was 7 species. Best birds were the pair of Dickcissel found by J. B. Hines.

Aiken County: May 7, 107 species, 2874 individuals

Coordinator: Anne Waters
1621 Apple Valley Drive
Augusta, GA 30906

Participants: Bill Boeringer, John Demko, Carol Eldridge, Larry Eldridge, Carl Huffman, Wade Gassman, Judy Gregory, Alaina Keener, James Keener, Joyce Keener, Paul Koehler, Matt Malin, Willie Malpass, George Reeves, Lois

Stacey, Peter Stangel, John Steele, Kathy Steele, Mark Vukovich, Carolyn White, Larry White, Calvin Zippler

Congaree National Park: May 1, 71 species, 634 individuals

Coordinator: John Grego

Participants: Caroline Eastman, John Grego, Jerry Griggs, Miriam Oudejans, Warren Steckle and 15 other Robin Carter Dawn Chorus Walk attendees

A Spring Migration Count was held May 1 at Congaree National Park. Weather was 70 degrees in the morning and 82 degrees in the afternoon, with scattered rainshowers in the morning and persistent heavy rain in the afternoon. Jerry Griggs led a group of 19 participants on the Robin Carter Dawn Chorus Walk in the morning, while another group covered the Bluff Trail later in the morning, and a third group covered the eastern end of the park through the afternoon. Persistent heavy rains in the afternoon prevented visits to productive territory. A total of 71 species were seen, and migrant numbers were low.

Charleston/Berkeley Counties: April 24, 167 species, 10,473 individuals

Coordinator: Andy Harrison
35 Cross Creek Drive, Apt P-7
Charleston, SC 29412

Participants: Ed Blicht, George Cromartie, Judy Fairchild, Reggie Fairchild, Ted Fairchild, Pam Ford, Dennis Forsythe, Donna Forsythe, Selimah Harmon, Andy Harrison, E. Starr Hazard III, Don Jones, Lois Jones, Pete Laurie, Patrick Markham, Mary-Catherine Martin, Keith McCullough, David C. McLean Jr., Jill Midgett, Whitnie Miles, Cathy Miller, Steve Moore, Paul Nolan, Perry Nugent, Bradford Peck, Felicia Sanders, Roger Smith, Chris Snook, Ray Swagerty, Joel Thompson, Ann Truesdale, Jennifer Tyrrell, Monty Wallace, Craig Watson, Lori Sheridan Wilson, Bill Woolsey, and Kathy Woolsey

The 2016 Charleston Spring Bird Count was held on April 24, 2016 with 37 participants divided into 20 parties, who tallied 95.98 hours in the field. We observed 167 total species and 10,473 individuals (for a bird/party hour average of 109.1).

We enjoyed pleasant weather on the day of the count, with clear to partly cloudy skies and no precipitation. Temperatures ranged from a pre-dawn low of about 57 degrees F to an afternoon high of about 77 F. The species and individual totals both exceeded the 10-year averages of 151 and 9471, respectively. We fielded parties in 11 areas this year (Fairlawn Plantation and the Intracoastal Waterway were not covered). This year's count was

held one week earlier than our usual date of the first Sunday in May, and that probably contributed to the number of lingering winter species we recorded.

In addition to continuing Black Scoters and other ducks, we also observed the following species: 1 Red-throated Loon, 5 Common Loons, 2 Horned Grebes, 6 Northern Gannets, 1 Lesser Black-backed Gull, 1 Ruby-crowned Kinglet, 1 Hermit Thrush, 1 Blue-headed Vireo and 22 Yellow-rumped Warblers. The Lesser Black-backed Gull (observed on Dewees Island by Keith McCullough), Ruby-crowned Kinglet (observed by Kathy and Bill Woolsey in Laurel Hill), and Hermit Thrush (observed by Craig Watson and Pam Ford in Porcher's Bluff) were all new to the count since I took over as compiler in 2006. A Blackburnian Warbler reported on Dewees Island was similarly new to the count. As in 2015, we generally did well with shorebirds, seabirds and wading birds this year. For example, among shorebirds we recorded 104 Lesser Yellowlegs (10-year average 52), 140 Willets (87), 153 Spotted Sandpipers (80), 240 Semipalmated Sandpipers (73.5), 65 Western Sandpipers (32.2), and 644 Dunlin (403). Among seabirds we recorded 46 Herring Gulls (11.8) and 80 Least Terns (38.5). However, numbers were a bit down for some species, notably 23 American Oystercatchers (83.6), 16 Ruddy Turnstones (57.8), 37 Sanderlings (78.9), 4 Gull-billed Terns (22.4), 92 Royal Terns (237), and 9 Sandwich Terns (64.7). Although we fielded parties in all of the island areas, our lack of an Intracoastal Waterway party undoubtedly resulted in lower individual totals for some of these species. Among songbirds we recorded 16 warbler species, none in exceptionally high numbers except for the 22 Yellow-rumped Warblers (5.7). Single observations of Kentucky Warbler (5.7) and Yellow-breasted Chat (9.1) were low counts for these species. The 2 Chimney Swifts (14.7), 3 Acadian Flycatchers (9.2) and 20 Red-eyed Vireos (60.8) we recorded were also quite low, and we did not observe a single Indigo Bunting (21.2). On the other hand, thanks to our early morning birding parties we recorded 35 Chuck-will's-widows (11.8). According to anecdotal reports, Orchard Oriole numbers seem relatively high this spring, and on the count we observed 42 (21.3).

Some of the area highlights on this year's count included:

In the North Bulls area, Mary-Catherine Martin, Felicia Sanders and Jill Midgett observed 2 Horned Grebes, 1 Reddish Egret (Felicia Sanders provided good supporting details for this bird, a species that regularly visits Bulls Island but is rarely reported on the count), 5 Glossy Ibis, 6 Mottled Ducks, 3 Blue-winged Teal, 1 Red-breasted Merganser, 9 Wilson's Plovers, 2 Black-necked Stilts, 239 Semipalmated Sandpipers, 574 Dunlin, 4 Gull-billed Terns, and 2 Common Terns.

David McLean and his party in the South Bulls area (Starr Hazard and Selimah Harmon) reported 6 Northern Gannets, 8 Least Bitterns, 100 Black Scoters (details provided by David McLean), 1 Northern Harrier, 1

American Kestrel, 44 Spotted Sandpipers, 1 Bonaparte's Gull, and 15 Painted Buntings.

Because of family commitments, Hal Currey and his usual party could not cover Capers Island this year. Monty Wallace (who normally covers the Intracoastal Waterway) agreed to fill in for Hal, and he and his party (Paul Nolan, Steve Moore and Whitnie Miles) observed 110 Red Knots, 28 Herring Gulls, 1 Great Black-backed Gull, 360 Black Skimmers, and 1 White-throated Sparrow.

In the Laurel Hill area, Kathy Woolsey and Bill Woolsey observed 1 Wood Stork, 2 Mallards, 1 Ruby-crowned Kinglet, and 48 Cedar Waxwings.

In Cainhoy, Andy Harrison and his party (George Cromartie and Brad Peck) reported 4 Rock Pigeons, 2 Chimney Swifts, 4 Red-headed Woodpeckers, 7 Red-cockaded Woodpeckers, 1 Northern Flicker, 1 Eastern Wood-Pewee, 2 Worm-eating Warblers, 1 Yellow-breasted Chat, and 3 Bachman's Sparrows.

Jen Tyrrell and Ann Truesdale covered the Sewee Road area, and they reported 3 Pied-billed Grebes, 9 Wild Turkeys, 1 Swallow-tailed Kite, 1 Mississippi Kite, 1 Cooper's Hawk, 1 Eastern Wood-Pewee, and 1 Savannah Sparrow. In pre-dawn owling, Dennis Forsythe added 3 Eastern Screech-Owls, 1 Great-Horned Owl, 2 Barred Owls, and 23 Chuck-will's-widows (and augmented the totals for various other species).

In Ion Swamp, Perry Nugent and his party (Ed Blitch, Ray Swagerty and Joel Thompson) started owling well before dawn and birded until late afternoon. They observed 3 Swallow-tailed Kites, 2 Mississippi Kites, 1 Cooper's Hawk, 12 Barred Owls, 10 Chuck-will's-widows, 2 Acadian Flycatchers, 1 American Robin, 1 Yellow-throated Vireo, 6 Prairie Warblers, 16 Prothonotary Warblers, 2 Ovenbirds, 1 Northern Waterthrush, 1 Kentucky Warbler, and 25 Hooded Warblers.

Craig Watson and Pam Ford had a very good day in the Porcher's Bluff area. They focused their efforts on Sewee Preserve and observed 3 Red-breasted Mergansers, 1 Sharp-shinned Hawk, 1 Broad-winged Hawk, 1 Wild Turkey, 7 Solitary Sandpipers, 63 Willets, 63 Whimbrels, 112 Short-billed Dowitchers, 4 Northern Rough-winged Swallows, 1 White-breasted Nuthatch, 7 Marsh Wrens, 1 Hermit Thrush, 3 Wood Thrushes, 1 American Robin, 15 Yellow-rumped Warblers, 2 Worm-eating Warblers, 3 Chipping Sparrows, 3 White-throated Sparrows, 3 Bobolinks, and 2 American Goldfinches. Dennis Forsythe birded in the morning at the Copahee Sound Landing for two brief periods (at different tide times), and he added three species (3 Clapper Rails, 1 Royal Tern, and 1 Blue Grosbeak) to the area list and augmented the individual totals for a number of other species.

In the Guerin's Bridge Road area, Don Jones and his party (Lois Jones and Patrick Markham) reported 10 Cattle Egrets, 2 Wood Storks, 1 Hooded Merganser, 5 Bald Eagles, 3 Belted Kingfishers, and 24 Tree Swallows.

Cathy Miller and her group (Judy Fairchild, Reggie Fairchild, Ted Fairchild, Pete Laurie, Lori Sheridan Wilson, Chris Snook, Keith McCullough and Roger Smith) had another excellent day on Dewees Island,

finishing with 104 species! They reported 1 Red-throated Loon, 1 Least Bittern, 1 Glossy Ibis, 2 Roseate Spoonbills, 6 Mottled Ducks, 9 Blue-winged Teal, 4 Bald Eagles, 1 Sora, 58 Black-bellied Plovers, 859 Semipalmated Plovers, 4 Piping Plovers, 3 Black-necked Stilts, 10 Ruddy Turnstones, 24 Sanderlings, 108 Short-billed Dowitchers, 1 Bonaparte's Gull, 1 Lesser Black-backed Gull (Keith McCullough provided convincing details for this bird), 9 Sandwich Terns, 2 Common Ground-Doves, 1 Eastern Screech-Owl, 2 Great Horned Owls, 8 Gray Catbirds, 1 Blue-headed Vireo, 1 Black-throated Blue Warbler, 1 Blackburnian Warbler, 3 Black-and-white Warblers, 1 Rose-breasted Grosbeak, 42 Painted Buntings, 1 Chipping Sparrow, 2 Savannah Sparrows, 3 Seaside Sparrows, and 6 House Finches. During pre-dawn owling, Judy and Reggie Fairchild heard 2 Chuck-will's-widows in addition to the Great Horned Owls.

Finally, in the Airport area, Dennis Forsythe and Donna Forsythe observed 2 Mallards, 1 Mississippi Kite, 1 Acadian Flycatcher, and 5 Red-eyed Vireos.

Notable misses this year included: Yellow-crowned Night-Heron, Northern Bobwhite, King Rail, Marbled Godwit, White-rumped Sandpiper, Black Tern, Common Nighthawk, Loggerhead Shrike, Swainson's Warbler, Indigo Bunting, Eastern Meadowlark, and House Sparrow.

I extend sincere thanks to all those who participated on the Spring Count, especially my area leaders, and also to those who contributed to our Birdathon. As always, I enjoyed serving as compiler and look forward to doing it again next year!

Jasper County: May 14, 100 species, 1236 individuals

Coordinator: Steve Wagner
313 E. 54th St.
Savannah, GA 31405

Participants: Sue DeRosa, James Fleullan, Mary Lambright, Joel Ludlam, Rudy Reyes, Robin Runnells, Steve Wagner and 7 participants in an Ogeechee Audubon Field Trip

Fourteen participants in two parties contributed to Jasper County's Spring Migration Count on May 14. James Fleullan led an Ogeechee Audubon group through the Savannah National Wildlife Refuge. Steve Wagner and Joel Ludlam birded north along the Savannah River to Tillman and to the Nimmer sod farm near Ridgeland. Unfortunately, we were unable to cover the dredge spoil disposal area this year. This accounts for our significantly lower species and total individual counts compared to 2015's 143 species and 26,965 individuals.

Table 1. Spring 2016 bird counts in South Carolina

	Gree	Spar	Cher	Aike	Cong	Charl	Jasp	Total
Black-bellied Whistling-Duck							6	6
Canada Goose	165	235	61	9		34		504
Wood Duck	38	7		48	3	16	10	122
Mallard	53	68		10		4		135
Mottled Duck						12	21	33
Blue-winged Teal						12	1	13
Black Scoter						100		100
scoter sp.						8		8
Hooded Merganser	1					1		2
Red-breasted Merganser		2				4		6
Northern Bobwhite	15	2	2	8			2	29
Wild Turkey	12	7	14	17	1	10	4	65
Pied-billed Grebe	2					5		7
Horned Grebe						2		2
Rock Pigeon	10	68	33			4		115
Eurasian Collared-Dove	2	4		4				10
Common Ground-Dove						2		2
Mourning Dove	112	182	96	73	10	65	13	551
Yellow-billed Cuckoo	14	16	10	36	12	28	13	129
Common Nighthawk		9					3	12
Chuck-will's-widow	6	4	3	26	1	35	2	77
Eastern Whip-poor-will	3		2					5
Chimney Swift	102	70	18	31	12	2	3	238
Ruby-throated Hummingbird	12	18	1	9	7	11		58
Clapper Rail						26	1	27
King Rail							5	5
Sora						1		1
Purple Gallinule							7	7
Common Gallinule						63	19	82
American Coot						15	4	19
Black-necked Stilt						7	14	21
American Oystercatcher						23		23
Black-bellied Plover						114		114
Wilson's Plover						16		16
Semipalmated Plover						1031		1031
Piping Plover						4		4
Killdeer	13	15	13	3	3	8	19	74
Whimbrel						162	1	163
Ruddy Turnstone						16		16
Red Knot						127		127
Sanderling						37		37
Dunlin						644		644
Least Sandpiper	2					57	19	78
Semipalmated Sandpiper						240		240
Western Sandpiper						65		65
peep sp.							6	6
Short-billed Dowitcher						307		307
dowitcher sp.						282		282
American Woodcock			1					1
Spotted Sandpiper	16	5	1	2		153	3	180
Solitary Sandpiper	15	4		3	4	7	1	34
Greater Yellowlegs						48		48
Willet						140		140
Lesser Yellowlegs	6				1	104	3	114

	Gree	Spar	Cher	Aike	Cong	Charl	Jasp	Total
Bonaparte's Gull						2		2
Laughing Gull						887		887
Ring-billed Gull						32		32
Herring Gull						46		46
Lesser Black-backed Gull						1		1
Great Black-backed Gull						1		1
Least Tern						80	3	83
Gull-billed Tern						4	2	6
Caspian Tern						8		8
Common Tern						2		2
Forster's Tern						160		160
Royal Tern						92		92
Sandwich Tern						9		9
Black Skimmer						390		390
Red-throated Loon						1		1
Common Loon	2					5		7
Wood Stork						3	7	10
Northern Gannet						6		6
Double-crested Cormorant	2	7	1	6		203	1	220
Anhinga				19	9	42	5	75
Brown Pelican						73		73
Least Bittern						9	2	11
Great Blue Heron	27	54	3	23	3	31	4	145
Great Egret				9		206	30	245
Snowy Egret						226	12	238
Little Blue Heron				12		71	6	89
Tricolored Heron						75	5	80
Reddish Egret						1		1
Cattle Egret				56		14	10	80
Green Heron	8	7		9	2	61	6	93
Black-crowned Night-Heron						29	3	32
Yellow-crowned Night-Heron				5			4	9
White Ibis						83	303	386
Glossy Ibis						6	2	8
Roseate Spoonbill						2		2
Black Vulture	12	40	10	71	4	56	5	198
Turkey Vulture	78	55	8	77	11	131	26	386
Osprey	1	6	5	2	2	22	3	41
Swallow-tailed Kite				1		4	1	6
Mississippi Kite	1	1		168	8	4	5	187
Bald Eagle				2		16	3	21
Northern Harrier						1		1
Sharp-shinned Hawk	1	3				1		5
Cooper's Hawk	3	1		1	1	2		8
Red-shouldered Hawk	15	25	2	13	7	38	4	104
Broad-winged Hawk	3	3	4			1		11
Red-tailed Hawk	16	16	1	13		10		56
Eastern Screech-Owl		3		3		4		10
Great Horned Owl	1	3		3		3		10
Barred Owl	4	6		9	7	14		40
Belted Kingfisher	6	9		4		7		26
Red-headed Woodpecker	1	19		13	3	7	5	48
Red-bellied Woodpecker	71	42	10	42	13	76	14	268
Yellow-bellied Sapsucker		1		1				2
Downy Woodpecker	26	31	5	5	6	12	2	87
Hairy Woodpecker	3	1			1			5
Red-cockaded Woodpecker				1		7		8

	Gree	Spar	Cher	Aike	Cong	Charl	Jasp	Total
Northern Flicker	2	7	1	2		1		13
Pileated Woodpecker	30	10	3	26	19	26	5	119
American Kestrel		1	1	1		1		4
Olive-sided Flycatcher	1							1
Eastern Wood-Pewee	3	9	5	44	8	2	8	79
Acadian Flycatcher	24	11		28	22	3	4	92
Alder Flycatcher	1							1
Eastern Phoebe	39	28	14	4	1			86
Great Crested Flycatcher	31	26	9	70	10	168	14	328
Eastern Kingbird	34	23	14	56	1	38	11	177
Loggerhead Shrike	1						1	2
White-eyed Vireo	26	15	3	70	20	44	18	196
Yellow-throated Vireo	1	4		9	5	1	3	23
Blue-headed Vireo	29	3			1	1		34
Red-eyed Vireo	92	27	17	37	26	20	11	230
Blue Jay	83	119	24	57	7	61	4	355
American Crow	162	219	35	109	9	156	7	697
Fish Crow	11	4	3	4	6	19	3	50
crow sp.				22		6		28
Common Raven	2							2
Purple Martin	41	116	30	7	6	20		220
Tree Swallow	32	9				65		106
Northern Rough-winged Swallow	68	38	3	17	2	7		135
Bank Swallow		8						8
Cliff Swallow	5	538	51	78	57			729
Barn Swallow	80	216	18	11	6	133	27	491
Carolina Chickadee	92	92	14	56	19	108	10	391
Tufted Titmouse	91	90	10	73	17	150	8	439
White-breasted Nuthatch	24	23	1	17	5	1	4	75
Brown-headed Nuthatch	16	13	1	15		74	2	121
House Wren	11	7						18
Marsh Wren						15		15
Carolina Wren	85	110	9	59	17	134	20	434
Blue-gray Gnatcatcher	83	18	5	44	25	69	9	253
Ruby-crowned Kinglet	2			2		1		5
Eastern Bluebird	114	125	54	67		51	9	420
Veery	1	2						3
Gray-cheeked Thrush	1							1
Swainson's Thrush	1							1
Hermit Thrush	1					1		2
Wood Thrush	22	2	2		9	3		38
American Robin	121	81	45	16		2	1	266
Gray Catbird	24	14	2	7	10	13		70
Brown Thrasher	64	45	9	11		14	6	149
Northern Mockingbird	89	182	43	78		53	17	462
European Starling	76	113	94	9		24	3	319
Cedar Waxwing	191	67	125	30		96	29	538
House Sparrow	7	17	5	10				39
House Finch	79	101	8	4		11		203
Purple Finch		6						6
Pine Siskin	3							3
American Goldfinch	95	65	8	8	2	2		180
Ovenbird	23	2			2	2		29
Worm-eating Warbler	16					4		20
Louisiana Waterthrush	8	6	2	2				18
Northern Waterthrush	1					1		2

	Gree	Spar	Cher	Aike	Cong	Charl	Jasp	Total
Black-and-white Warbler	14	2		2	2	3		23
Prothonotary Warbler	1	1	2	16	6	26	2	54
Swainson's Warbler	3				2		2	7
Kentucky Warbler		3		2		1	1	7
Common Yellowthroat	37	25	5	20	12	28	15	142
Hooded Warbler	37	4	4	3	4	35	10	97
American Redstart	13	5		13	5		3	39
Cape May Warbler	4			1				5
Northern Parula	29	9	2	87	32	146	26	331
Magnolia Warbler	3			1				4
Blackburnian Warbler						1		1
Yellow Warbler	4			1				5
Chestnut-sided Warbler	7							7
Blackpoll Warbler	6							6
Black-throated Blue Warbler	17	1		2	8	1	1	30
Palm Warbler	1							1
Pine Warbler	17	15	4	84	5	114	14	253
Yellow-rumped Warbler	14	6				22		42
Yellow-throated Warbler	1	2		14	11	37	6	71
Prairie Warbler	5	1		4		15		25
Black-throated Green Warbler	10			1				11
Canada Warbler	2							2
Yellow-breasted Chat	22	13	4	45		1	2	87
Eastern Towhee	63	42	18	43	2	48	7	223
Bachman's Sparrow				3		3	4	10
Chipping Sparrow	66	62	17	15	3	4	4	171
Field Sparrow	25	64	26					115
Savannah Sparrow		6			2	3		11
Grasshopper Sparrow	6	3	3					12
Seaside Sparrow						3		3
Song Sparrow	16	12	2					30
Swamp Sparrow	1							1
White-throated Sparrow	2	5			1	5		13
Dark-eyed Junco	15							15
Summer Tanager	9	12	7	49	20	38	10	145
Scarlet Tanager	9	3	4	2				18
Northern Cardinal	184	229	28	188	34	313	26	1002
Rose-breasted Grosbeak	6			4	1	1	1	13
Blue Grosbeak	11	10	7	21	1	12	2	64
Indigo Bunting	58	27	31	97	18		16	247
Painted Bunting				16		87	6	109
Dickcissel			2					2
Bobolink	50	46				3	60	159
Red-winged Blackbird	69		8	16		322	67	482
Eastern Meadowlark	45	21	28	2				96
Common Grackle	127	120	82	56	17	128	15	545
Boat-tailed Grackle						69	34	103
Brown-headed Cowbird	34	48	24	41	5	32	10	194
Orchard Oriole	6	6		18		42	5	77
Baltimore Oriole	1							1
Species	133	109	78	107	71	167	100	216
Total individuals	4069	4464	1280	2874	634	10473	1236	25029
<u>Regular Count</u>								
Hours foot		36	9	25.15	10.5	59.05	4	

	Gree	Spar	Cher	Aike	Cong	Charl	Jasp	Total
Hours car		16.5	6	32.5		22.75	10.3	
Hours boat		5.5				4.83		
Hours canoe/kayak				1				1
Hours bike		1						1
Hours other (golf cart)						5.17		5.17
Miles foot		28.5	5	10.75	8	34.45	2	
Miles car		387.5	150	220.9		165.8	77.5	
Miles boat		12				45.9		57.9
Miles canoe/kayak				0.58				0.58
Miles bike		3						3
Miles other (golf cart)						10.1		10.1
# Regular parties	26	15	5	12		16	2	
# Regular observers	32	19	9	22		39	14	
#Species		106	79	105			99	
#Individuals		3877	1275	2844			1233	
<u>Stationary</u>								
Hours Stationary						1.67		1.67
<u>Feeder Watch</u>								
Hours Feeder Watch		57						57
#Feeder Watchers		23						23
#Feeder Stations		15						15
#Species		52						52
#Individuals		562						562
<u>Nocturnal</u>								
Hours Nocturnal		4	1.5	2	1	2.51	0.5	
Miles Nocturnal		20	2	10		9.5	0.25	
#parties nocturnal		3	2	2		3	1	
#observers nocturnal		6	2	2	17	7	1	
#Species		5	2	4			2	
#Individuals		25	5	30			3	
Time Start		0600	0700	0500	0530	0450	0550	
Time Stop		2200	2200	1900	1600	1830	1618	
<u>Temperature</u>								
Pre-Dawn				44		57	67	
Dawn	45	53	56	48	70	58	67	
AM				64		71	73	
Noon				76		75	80	
PM	80	88	79	81	82	77	84	
Sunset				80		66		
Night				74		63		
<u>Wind</u>								
Pre-Dawn	light			NW4		0-5		
Dawn	light			NW4		5-10	W5	
AM	light			NW6		10-15	W10	
Noon	light			NW7		calm	W14	
PM	light			NW10		5-10	W12	
Sunset	light			W7		5-10		
Night				W5		0-5		

