

# 2015 Spring Bird Counts in South Carolina

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**Steven J. Wagner**

*Department of Liberal Arts  
Savannah College of Art and Design  
Savannah, GA 31402  
sjwagner@scad.edu*

Seven spring migration counts were conducted in South Carolina from April 26 to May 16. The 151 participants in the field and 22 at feeders reported 223 species, tying last year's high count. Overall there were 30 species of warblers reported, a new high for the count (28 reported in 2012), 17 species of waterfowl and 25 species of shorebirds.

As usual, the two coastal counts had the highest species totals with 165 at Charleston/Berkeley and 143 at Jasper. The Greenville count set a new record for species total for their spring count with 135, including 30 species of warblers. The Aiken count tied their high species count. Additional highlights for each of the counts are provided by the count compilers below.

## **Compilers' Comments**

### **Greenville County: April 26 (*one area covered on April 25*), 135 species, 5296 individuals**

Coordinator: Paul Serridge  
4 Audrey Lane  
Greenville, SC 29615

Participants: Derek Aldrich, Shelby Birch, Jeff Click, Donnie Coody, Don Cox, Steve Cox, Denise Dupon, Laura Eison, Matthew Eison, Don Faulkner, Chip Gilbert, Simon Harvey, J.B. Hines, Valerie Hollinger, Jerry Johnson, Len Kopka, Jane Kramer, Yves Limpalair, Cynthia Lenhart, Anthony Martin, Eric McFalls, Michael Oliver, Chris Peak, Austen Pickhardt, Merikay Pirrone, Abbey Quinn, Courtney Quinn, John Quinn, Barbara Serridge, Paul Serridge, Dennis Trapp, Judith Webb

Thirty-two birders participated in the 2015 Greenville County Spring Migration Count: 24 GCBC members and 8 non-members. Three of the non-members actually led area counts. Unfortunately, there were very few reports from backyard feeders. We can do better in that regard in future.

Together we listed 135 species and 5296 individual birds. The 135 species breaks the previous record of 129 set in 2012 and then equaled in 2014. Although most of the areas previously covered were birded this year we missed out on several areas including Paris Mountain SP, the Mountain

Bridge Wilderness Area (Caesar's Head, Jones Gap SP etc.) and Moonville / Prince Lake.

We benefited from excellent birding weather all over the county – moderate temperatures, little to no wind, partly cloudy skies, and no rain.

Bird highlights:

The following were new additions to the total Spring Counts list, bringing the total species reported during Spring Migration Counts since 2005 to 174: Northern Shoveler (Furman U.)

Hooded Merganser (Hwy 14 and Hwy 11 area)

Bonaparte's Gull (Wilson's Farm)

### **Spartanburg County: May 9, 116 species, 4148 individuals**

Coordinator: Lyle Campbell  
126 Greengate Lane  
Spartanburg, SC 29307

Participants: Doug Allen, Judy Allen, Marlyn Broome, Tom Broome, Tim Brown, Dan Bryant, David Campbell, Lyle Campbell, Sarah Campbell, Timothy Campbell, Dan Codispoti, Cheryl Cooksey, Ed Elam, Kathleen Elam, Simon Harvey, J. B. Hines, Jane Houston, Jerry Johnson, Jeanette Keepers, Moss Miller, Joe Mitchell, Roberta Mitchell, Nora Moore, Nancy Odum, Amy Coker Pascoe, Robert Powell, Doug Rayner, Jon Storm, Melissa Storm, Kristen Taylor

The Spartanburg 2015 Spring Count found a respectable 116 species. And our warbler count was 16 species. Best birds were a Mississippi Kite and a Lincoln's Sparrow. We had a reduced number of counters, field and feeder, this year.

### **Cherokee County: May 16, 86 species, 1279 individuals**

Coordinator: Lyle Campbell  
126 Greengate Lane  
Spartanburg, SC 29307

Participants: David Campbell, Lyle Campbell, Sarah Campbell, Timothy Campbell, Claude Cobb, J. B. Hines, Karla Lavender

The Cherokee 2015 Spring Count was low on participants, but still found 86 species. Our warbler count was 10 species.

**Aiken County: May 2, 124 species, 3557 individuals**

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

Participants: Carol Eldridge, Larry Eldridge, Carl Huffman, Paul Koehler, Willie Malpass, George Reeves, Lois Stacey, Peter Stangel, Anne Waters, Alice Walker, Douglas Walker, Kathleen Wallis, Calvin Zippler

A Spring Migration count was held May 2 in Aiken County. Thirteen people participated and we had a count of 124 species. This ties the all-time record!

Warblers were well represented this year with 21 species with 158 Northern Parulas among the count. There were also 3 Swainson's Warblers counted which is a good count and not a species we get often. The most amazing part was a count of 211 Mississippi Kites over various fields! Nocturnal counts were good with 5 Eastern Screech Owls, 4 Great Horned Owls, 9 Barred Owls, 21 Chuck-will's-widows and 4 Eastern Whip-poor-wills.

**Congaree National Park: May 5, 81 species, 441 individuals**

Coordinator: John Grego

Participants: John Cely, Caroline Eastman, John Grego, Jerry Griggs, Kathleen O'Grady, Donna Slyce and 22 other Robin Carter Dawn Chorus Walk attendees

A Spring Bird Count was held May 5 at Congaree National Park. Donna Slyce led a group of 26 participants on the Robin Carter Dawn Chorus Walk in the morning, while another group covered the Boardwalk later in the morning, and a third group covered the eastern end of the park through the early afternoon. A total of 81 species were seen, including 15 warbler species. Migrants included a Chestnut-sided Warbler in the parking lot and thrushes in the woods near the shore of Bates Old River. On three separate occasions, we observed flocks of 20 or more Anhinga soaring above the floodplain along the US 601 causeway, with the largest flock numbering over 50 birds.

**Charleston/Berkeley Counties: May 3, 165 species, 13,478 individuals**

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

Participants: Dorice and Peter Bernard, Ed Blitch, Dennis and Lynn Burnette, David and Camille Chamberlain, Wil Christenson, George Cromartie, Hal Currey, Chris Davies,

Edouard des Francs, Connie Drew, Judy Fairchild, Pam Ford, Dennis Forsythe, Aaron Given, Stan Gorlitsky, Andy Harrison, Richard Hayes, E. Starr Hazard III, Matt Johnson, Don and Lois Jones, Pete Laurie, Patrick Markham, Mary-Catherine Martin, Keith McCullough, David C. McLean Jr., Cathy and Carl Miller, Paul Nolan, Perry Nugent, Thomas J. Riley, Allen Russell, Peggy Schachte, Joel Thompson, Ann Truesdale, Jennifer Tyrrell, Monty Wallace, Craig Watson, and Kathy Woolsey

The 2015 Charleston Spring Bird Count was held on May 3, 2015. There were 42 participants divided into 19 parties, who tallied 100.75 hours in the field. We observed 165 total species and 13,478 individuals (for a bird/party hour average of 133.8).

Once again the weather was quite favorable for the count, with clear skies and no precipitation. Temperatures ranged from a pre-dawn low of about 55 degrees F to an afternoon high of about 79 F. The species and individual totals both exceeded the 9-year averages of 150 and 9026, respectively. We fielded parties in 13 areas this year, including Fairlawn Plantation (for the third year in a row) and the Intracoastal Waterway. As in 2014, we recorded a number of lingering winter species (notably scoters and other ducks), and we also did very well with shorebirds, seabirds and some songbirds (particularly warblers). There were several species observations that were new to the count since I took over as compiler in 2006, including Northern Shoveler, Black-bellied Whistling-Duck, Black Rail, Long-billed Dowitcher and Chestnut-sided Warbler.

Birders in the Capers, Dewees and both North and South Bulls Island parties reported seeing Black Scoters (159 total), and the South Bulls party observed a Surf Scoter (supporting details provided for all of these sightings). Small numbers of Blue-winged Teal (67 total), 2 Bufflehead, 1 Hooded Merganser, 5 Red-breasted Mergansers, 2 Northern Shovelers and an American Wigeon were also recorded on the count. Among the shorebirds, we recorded 1571 Semipalmated Plovers (9-year average 761), 106 Black-necked Stilts (26.3), 146 Greater Yellowlegs (30.8), 348 Lesser Yellowlegs (19.1), 371 Red Knots (134.4), 279 of which were observed on the Intracoastal Waterway, 274 Sanderlings (57.2), 140 Semipalmated Sandpipers (66.1), and 622 Short-billed Dowitchers (312.2). We also recorded 637 Black Skimmers (323.3), 350 of which were observed on Capers Island. Finally, among the songbirds we observed more warbler species this year (18) than in any other year since I became compiler (next highest total 17 in 2013). Several of these observations were of single birds, but there were also some high totals, including: 188 Northern Parulas (97.7), 9 Black-and-white Warblers (1.9), 8 Worm-eating Warblers (1.2), and 78 Common Yellowthroats (39.7). One group where we fared poorly again this year was the swallows (except for Purple Martins), as we recorded only 6

Tree Swallows (371.7), 21 Northern Rough-winged Swallows (34.2), and 127 Barn Swallows (175.4).

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

In the North Bulls area, Mary-Catherine Martin and her group (Keith McCullough and Tom Riley) observed 9 Least Bitterns, 24 Mottled Ducks, 2 Northern Shovelers, 1 American Wigeon, 2 Black Scoters, 1 Red-breasted Merganser, 1 Northern Harrier, 1 Sora, 1 Piping Plover, 90 Black-necked Stilts, 3 Bonaparte's Gulls, 1 Northern Flicker, 1 Swamp Sparrow (Keith McCullough provided good details on this somewhat late bird and also the scoters), and 13 Bobolinks.

David McLean and his party (Wil Christenson and Starr Hazard) had an excellent day in the South Bulls area. They observed 2 Pied-billed Grebes, 1 American Bittern (Starr Hazard provided details on this heard bird), 14 Least Bitterns, 7 Black-bellied Whistling Ducks (Wil Christenson provided photos), 14 Mottled Ducks, 150 Black Scoters, 1 Surf Scoter, 1 Black Rail, and 2 Chipping Sparrows. David McLean provided convincing details on the Black Rail and the scoters in his eBird report for the count. About one year ago (May 30, 2014), he was the first person to report an observation of Black-bellied Whistling Ducks on Bulls Island to eBird. To my knowledge this is the first time that Black Rail or Black-bellied Whistling Ducks have ever been recorded on a Charleston Spring Count.

On Capers Island, Hal Currey and his party (Chris Davies, Richard Hayes and Peggy Schacte) observed 1 Common Loon, 5 Black Scoters, 1 Red-breasted Merganser, 6 Bald Eagles, 1 Great Black-backed Gull, 6 Gull-billed Terns, 350 Black Skimmers, 1 Blackpoll Warbler (Chris Davies provided details on this bird and the scoters), 19 Painted Buntings, and 3 Seaside Sparrows.

Kathy Woolsey and Ann Truesdale co-lead the Laurel Hill party (including Dorice and Peter Bernard) this year. Kathy usually leads this group, but she had to leave in late morning to assist with an event on the Yorktown, and so Ann took over at that point and submitted the final checklist. They observed 11 Wood Ducks, 3 Mallards, and the only 3 House Sparrows reported on the count.

In Cainho, Andy Harrison and George Cromartie observed 1 Broad-winged Hawk, 8 Red-cockaded Woodpeckers, 1 Northern Flicker, 1 Black-throated Blue Warbler, 3 Worm-eating Warblers, 1 Swainson's Warbler, and 1 Kentucky Warbler.

In the Sewee Road area, Jen Tyrrell and Ed Blich observed 4 Swallow-tailed Kites, 6 Mississippi Kites, 22 American Oystercatchers, 5 Black-necked Stilts, and 3 Bobolinks during the regular count. During pre-dawn owling here, Dennis Forsythe recorded 4 Eastern Screech Owls, 1 Barred Owl, 21 Chuck-will's-widows, and 8 Yellow-breasted Chats.

Perry Nugent and his party (Allen Russell and Joel Thompson) observed 1 Swallow-tailed Kite, 12 Northern Bobwhites, 8 Ruby-throated

Hummingbirds, 3 Red-headed Woodpeckers, 4 Red-cockaded Woodpeckers, 1 American Robin, 3 Worm-eating Warblers and 2 Bachman's Sparrows in the Ion Swamp area. During pre-dawn owling they added 1 Eastern Screech Owl, 12 Barred Owls and 3 Chuck-will's-widows.

In the Porcher's Bluff area, Craig Watson and his group (Pam Ford and Stan Gorlitsky) observed 1 Bufflehead, 8 Mississippi Kites, 1 Cooper's Hawk, 5 Black-necked Stilts, 42 Spotted Sandpipers, 45 Whimbrel, 3 Long-billed Dowitchers (Craig Watson supplied details on plumage and vocalization for these birds), 1 Common Tern, 5 Marsh Wrens, 5 Yellow-rumped Warblers, 2 Worm-eating Warblers, 1 Northern Waterthrush, and 1 Scarlet Tanager.

In the Guerin's Bridge Road area, Don Jones and his party (Lois Jones and Patrick Markham) observed 1 Glossy Ibis, 1 Swallow-tailed Kite, 5 Mississippi Kites, 1 Cooper's Hawk, 2 Loggerhead Shrikes, and 1 Chestnut-sided Warbler (singing bird heard by Patrick Markham, who provided supporting details).

David Chamberlain and his party (Camille Chamberlain and Edouard des Francs) observed 12 Wood Ducks, 3 Wild Turkeys, 6 Acadian Flycatchers, 1 Yellow-throated Vireo, and 1 Kentucky Warbler in Fairlawn Plantation.

Cathy Miller and her group (Connie Drew, Judy Fairchild, Aaron Given, Matt Johnson, Pete Laurie, and Carl Miller) had another superb day on Dewees Island, finishing with 108 species. While they birded together for some of the time, they also split up into three parties during most of the day to better cover the island. They observed 1 Pied-billed Grebe, 3 Least Bitterns, 7 Mottled Ducks, 2 Black Scoters (Aaron Given provided details), 1 Bufflehead, 1 Hooded Merganser, 3 Red-breasted Mergansers, 6 Black-necked Stilts, 17 Western Sandpipers, 1 Bonaparte's Gull, 74 Sandwich Terns, 1 Common Tern, 4 Common Ground-Doves, 1 Common Nighthawk, 5 Tree Swallows, 1 Veery, 1 Yellow Warbler, 1 Black-throated Blue Warbler, 2 Yellow-rumped Warblers, 48 Painted Buntings, 1 Seaside Sparrow, 1 White-throated Sparrow, and 25 Bobolinks. In early morning birding Judy Fairchild added 3 Chuck-will's-widows to the area total.

In the Airport area, Dennis Forsythe and his party (Dennis and Lynn Burnette) observed 1 Broad-winged Hawk, 5 Chimney Swifts and 13 House Finches. In early morning birding (after finishing his owling along Sewee Road) Dennis Forsythe added 1 Chuck-will's-widow and a number of diurnal species to the area total.

Finally, on the Intracoastal Waterway, Monty Wallace and Paul Nolan observed 1 Common Loon, 1 Pied-billed Grebe, 30 Wilson's Plovers, 51 Whimbrel, 279 Red Knots, 106 Purple Martins, and 16 Northern Rough-winged Swallows.

Notable misses this year included: Horned Grebe, Yellow-crowned Night-Heron, Peregrine Falcon, King Rail, Marbled Godwit, Black Tern, Rock Pigeon, Great Horned Owl, Belted Kingfisher, White-breasted Nuthatch, Cedar Waxwing and Eastern Meadowlark.

It's hard to believe this was my 10<sup>th</sup> year serving as compiler for the Spring Count. The job is not always easy, but I enjoy the count and look forward to doing it again next year. Good birding!

**Jasper County: May 9, 143 species, 26965 individuals**

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

Participants: Dot Bambach, Steve Calver, Vic Carpenter, Sue DeRosa, Mary Lou Dickson, Judy Johnson, Angela Phillips, Mike Phillips, Rose Talbert, Gail Turner, Steve Wagner

Eleven participants in three parties contributed to Jasper County's Spring Migration Count on May 9. Dot Bambach led an Ogeechee Audubon group through the Savannah National Wildlife Refuge. Steve Calver covered the dredge spoil disposal area. Steve Wagner birded north along the Savannah River to Tillman, the Nimmer sod farm and areas east of I-95.

We found 19 species of warblers including Ovenbird (3), Northern Waterthrush (1), Yellow (4), Blackpoll (4), Black-throated Blue (1), Yellow-rumped (1) and Black-throated Green (1). Other notable species included American White Pelican (1), Roseate Spoonbill (22), Merlin (3) and Bank Swallow (5).

Table 1. Spring 2015 bird counts in South Carolina

	Gree	Spar	Cher	Aike	Cong	Charl	Jasp	Total
Black-bellied Whistling-Duck						7	6	13
Canada Goose	110	194	28	31		52		415
Wood Duck	17	11		17		36		81
American Wigeon						1		1
Mallard	46	49		24		11		130
Mottled Duck						45	11	56
Blue-winged Teal	7			9		67	5	88
Northern Shoveler	1					2	6	9
Green-winged Teal							1	1
teal sp.							1	1
Greater Scaup							2	2
Lesser Scaup							3	3
Surf Scoter						1		1
Black Scoter						159		159
Bufflehead						2		2
Hooded Merganser	2					1		3
Red-breasted Merganser						5		5
Ruddy Duck		1					8	9
Northern Bobwhite	12	12	2	4		12		42
Wild Turkey	13	9	13	7	1	6		49
Common Loon	3					2		5
Pied-billed Grebe				1		4		5

	Gree	Spar	Cher	Aike	Cong	Charl	Jasp	Total
Wood Stork						10	10	20
Double-crested Cormorant	31	12	8			210	51	312
Anhinga				14	60	45	17	136
American White Pelican							1	1
Brown Pelican						239	2	241
American Bittern						1		1
Least Bittern						26	3	29
Great Blue Heron	15	23	8	7	3	29	6	91
Great Egret				3	6	154	44	207
Snowy Egret						214	86	300
Little Blue Heron						44	3	47
Tricolored Heron						38	26	64
Cattle Egret				56		21	42	119
Green Heron	10	1		5	1	46	9	72
Black-crowned Night-Heron						19	3	22
Yellow-crowned Night-Heron				2			1	3
White Ibis					18	104	52	174
Glossy Ibis						6	5	11
Roseate Spoonbill							22	22
Black Vulture	27	11	18	29	4	66	8	163
Turkey Vulture	46	25	12	49	7	171	19	329
Osprey	5	2	4	2	1	33	3	50
Swallow-tailed Kite						6	1	7
Mississippi Kite		1		211	2	21	10	245
Bald Eagle		2	1	2		17	5	27
Northern Harrier						1	1	2
Sharp-shinned Hawk	1	1		1			1	4
Cooper's Hawk	3	1	2	2		2		10
Red-shouldered Hawk	17	8	5	13	3	22	2	70
Broad-winged Hawk	6	2	2			2		12
Red-tailed Hawk	18	17	3	4	2	8	3	55
Black Rail						1		1
Clapper Rail						13	5	18
Sora						1		1
Purple Gallinule							14	14
Common Gallinule				1		42	52	95
American Coot	1					8	27	36
Black-necked Stilt						106	172	278
American Avocet							28	28
American Oystercatcher						35		35
Black-bellied Plover						180	107	287
Wilson's Plover						39	3	42
Semipalmated Plover						1571	126	1697
Piping Plover						1		1
Killdeer	8	25	20	6	2	5	17	83
Spotted Sandpiper	11	1	4	16		117	18	167
Solitary Sandpiper	7	3		28	3	10	23	74
Greater Yellowlegs		1		2		146	4	153
Willet						98	30	128
Lesser Yellowlegs	1			37		348	66	452
Whimbrel						167	69	236
Ruddy Turnstone						69		69
Red Knot						371		371
Stilt Sandpiper							581	581
Sanderling						274		274
Dunlin						394	145	539
Least Sandpiper				32		52	281	365



	Gree	Spar	Cher	Aike	Cong	Charl	Jasp	Total
White-rumped Sandpiper							5	5
Semipalmated Sandpiper						140	2462	2602
Western Sandpiper						21	4	25
peep sp.						52		52
Short-billed Dowitcher						622	48	670
Long-billed Dowitcher						3		3
dowitcher sp.						4	5	9
Bonaparte's Gull	1					4		5
Laughing Gull						1273	21	1294
Ring-billed Gull	1					19	7	27
Herring Gull						19		19
Great Black-backed Gull						1		1
Least Tern						43	590	633
Gull-billed Tern						15	105	120
Caspian Tern						6		6
Black Tern							7	7
Common Tern						2		2
Forster's Tern						101	7	108
Royal Tern						139		139
Sandwich Tern						126		126
Black Skimmer						637	501	1138
Rock Pigeon	30	75	33				1	139
Eurasian Collared-Dove	8	10	1	1		4	1	20
Common Ground-Dove				1				6
Mourning Dove	187	176	92	84	6	69	57	671
Yellow-billed Cuckoo	3	5	1	14	3	54	1	81
<i>Coccyus</i> sp.							2	2
Eastern Screech-Owl	1	1		5	1	5	1	14
Great Horned Owl	1			4				5
Barred Owl	13	3		9	4	15		44
Common Nighthawk		3				1	5	9
Chuck-will's-widow	4	9	3	21	1	28	4	70
Eastern Whip-poor-will	10	3	3	4				30
Chimney Swift	115	85	18	30	6	13	7	274
Ruby-throated Hummingbird	11	20	1	4	1	18	6	61
Belted Kingfisher	7	4		3	1			15
Red-headed Woodpecker	1	14	2	18	1	7	5	48
Red-bellied Woodpecker	81	44	19	60	3	117	21	345
Yellow-bellied Sapsucker		2						2
Downy Woodpecker	26	19	2	14	2	10	4	77
Hairy Woodpecker	2				1			3
Red-cockaded Woodpecker						12		12
Northern Flicker	5	9	1			2		17
Pileated Woodpecker	17	8	6	27	6	24	3	101
American Kestrel		1	1					2
Merlin							3	3
Eastern Wood-Pewee	4	11	4	42	3	4	7	75
Acadian Flycatcher	7	13	2	20	7	10	4	63
Eastern Phoebe	42	23	10	5	1			81
Great Crested Flycatcher	21	28	15	59	6	262	22	413
Eastern Kingbird	57	20	6	76		56	24	239
Loggerhead Shrike				1		2	2	5
White-eyed Vireo	48	7	8	89	20	56	18	246
Yellow-throated Vireo	5	2	1	7	1	1	2	19
Blue-headed Vireo	22	3			1			26
Red-eyed Vireo	97	40	17	68	13	88	14	337
Blue Jay	251	111	34	38	3	74	8	519

	Gree	Spar	Cher	Aike	Cong	Charl	Jasp	Total
American Crow	192	164	61	75	2	137	12	643
Fish Crow	13	11	3	8	3	32	9	79
crow sp.				30		8		38
Horned Lark		7						7
Purple Martin	1	105	19	8		123		256
Tree Swallow	15	13		1		6	17525	17560
Northern Rough-winged Swallow	74	10	9	23		21	6	143
Bank Swallow							5	5
Cliff Swallow		531	46	6	15			598
Barn Swallow	70	202	13	9	3	127	102	526
Carolina Chickadee	79	83	14	40	7	112	5	343
Tufted Titmouse	142	87	27	116	12	171	12	567
White-breasted Nuthatch	19	5	4	18	1		1	48
Brown-headed Nuthatch	25	1	3	19	5	49	4	106
House Wren	3	6		1				10
Marsh Wren						12	1	13
Carolina Wren	118	81	18	98	9	172	22	518
Blue-gray Gnatcatcher	127	24	6	55	24	86	23	345
Ruby-crowned Kinglet	4	1		2				7
Eastern Bluebird	111	117	57	42	2	60	12	401
Veery					2	1		3
Swainson's Thrush	3				3			6
Hermit Thrush	2			2				4
Wood Thrush	25	6	3	6	1		1	42
American Robin	187	132	42	4		1		366
Gray Catbird	29	13	1	14	12	24	19	112
Brown Thrasher	47	44	10	9	1	21	11	143
Northern Mockingbird	85	102	59	51		66	23	386
European Starling	109	141	87	26		24	3	390
Cedar Waxwing	240	114	27	12	3		70	466
Ovenbird	19	2	2	8	4		3	38
Worm-eating Warbler	20					8		28
Louisiana Waterthrush	11	5	1	2				19
Northern Waterthrush	1			2		1	1	5
Blue-winged Warbler	1							1
Black-and-white Warbler	28	3		10	2	9	7	59
Prothonotary Warbler	2	3	1	21	6	30	5	68
Swainson's Warbler	1			3	1	1	2	8
Kentucky Warbler	2	1	1	1	1	2	1	9
Common Yellowthroat	41	22	8	30	5	78	41	225
Hooded Warbler	44	5	3	9	6	72	7	146
American Redstart	14			6	3		24	47
Cape May Warbler	7							7
Cerulean Warbler	1							1
Northern Parula	48	11	3	158	15	188	23	446
Magnolia Warbler	2	2						4
Bay-breasted Warbler	1							1
Blackburnian Warbler	1							1
Yellow Warbler	8			1		2	4	15
Chestnut-sided Warbler	2			1	1	1		5
Blackpoll Warbler	5			2		1	4	12
Black-throated Blue Warbler	10	1		9	7	3	1	31
Palm Warbler	18	1		1				20
Pine Warbler	24	19	12	93	6	87	27	268
Yellow-rumped Warbler	151	17		7	1	7	1	184
Yellow-throated Warbler	12	1		32	5	44	16	110

	Gree	Spar	Cher	Aike	Cong	Charl	Jasp	Total
Prairie Warbler	12	4	1	8		21	3	49
Black-throated Green Warbler	31						1	32
Canada Warbler	1							1
Yellow-breasted Chat	12	8	6	29	1	13	9	78
Eastern Towhee	79	35	17	40	2	39	10	222
Bachman's Sparrow				3		2	3	8
Chipping Sparrow	111	23	19	8		2	6	169
Field Sparrow	40	29	33	1				103
Savannah Sparrow	3	2	1	5			17	28
Grasshopper Sparrow	17	6	1					24
Seaside Sparrow						4		4
Song Sparrow	29	28	2	2				61
Lincoln's Sparrow		1						1
Swamp Sparrow	1					1		2
White-throated Sparrow	65	8		2	1	1		77
White-crowned Sparrow	21							21
Summer Tanager	8	18	18	60	7	48	9	168
Scarlet Tanager	30	3		2	1	1		37
Northern Cardinal	198	211	36	191	14	333	89	1072
Rose-breasted Grosbeak	24	3		2				29
Blue Grosbeak	16	14	10	37	3	13	10	103
Indigo Bunting	80	30	19	96	11	29	24	289
Painted Bunting				7	1	109	31	148
Bobolink	2	15		531		41	1319	1908
Red-winged Blackbird	127	48	14	31	2	539	799	1560
Eastern Meadowlark	56	31	46	1				134
Common Grackle	179	193	46	19	7	120	23	587
Boat-tailed Grackle						90	331	421
Brown-headed Cowbird	81	43	31	35	13	64	14	281
Orchard Oriole	19	10	1	6	2	23	9	70
Baltimore Oriole	2							2
House Finch	54	60	11	9		20		154
Purple Finch		12						12
Pine Siskin	43			26				69
American Goldfinch	233	40	8	14	4			299
House Sparrow	32	19	9	2		3		65
Species	135	116	86	124	81	165	143	223
Total individuals	5296	4148	1279	3557	441	13478	26965	55164
<u>Regular Count</u>								
Hours foot	57.3	38.5	28	24.3	7.5	65.75	5.8	227.15
Hours car	22.25	16.5	8	12.3	0.5	22.5	19.1	101.15
Hours boat		3				8.41		11.41
Hours canoe/kayak				1.5				1.5
Hours bike		1						1
Hours other (golf cart)						2		2
Miles foot	36.25	32	8	7.75	8.5	31.45	2.25	126.2
Miles car	223.5	334.5	161	131	4	184.6	116.7	1155.3
Miles boat		8				49.9		57.9
Miles canoe/kayak				0.75				0.75
Miles bike		18						18
Miles other (golf cart)						6.4		6.4
# Regular parties	16	13	5	6-3	3	16	3	62
# Regular observers	32	20	6	12	28	42	11	151

	Gree	Spar	Cher	Aike	Cong	Charl	Jasp	Total
#Species		106	84	118			141	
#Individuals		3452	1231	3438			26960	
<u>Feeder Watch</u>								
Hours Feeder Watch		35	4	13.5				52.5
#Feeder Watchers		16	2	4				22
#Feeder Stations		11	2	4				17
#Species		55	12	22				89
#Individuals		677	44	78				799
<u>Nocturnal</u>								
Hours Nocturnal	3.15	2	2	3.25	1	2.09	0.58	14.07
Miles Nocturnal		33	2	10	0.5	11	0.25	56.75
#parties nocturnal	6	3	1	3	1	4	1	19
#observers nocturnal	16	5	1	3	26	6	1	58
#Species		5	2	5			2	
#Individuals		19	6	41			5	
Time Start	0530	0600	0700	0500	0530	0430	0547	
Time Stop	2130	2200	2200	2100	1400	1630	1945	
<u>Temperature</u>								
Pre-Dawn				46	52	55	65	
Dawn	58			46	59	54	66	
AM				65	72	71	76	
Noon	72			71	77	75	80	
PM	76			76	80	79	82	
Sunset				76	79	67	80	
Night				73	69	63		
<u>Wind</u>								
Pre-Dawn	light			0	calm	0-5	NNW3	
Dawn	light			0	calm	0-5	NNW4	
AM	light			W3	SE5	0-5	NW6	
Noon	light			W3	E7	5-10	NNE12	
PM	light			W5	ESE11	5-10	NNW7	
Sunset	light			W5	ESE8	0-5		
Night				W3	SE4	0-5		
<u>% Clouds</u>								
Pre-Dawn	PC			0	0	0-15	0	
Dawn	PC			0	0	0-15	0	
AM	PC			0	0	0-15	0	
Noon	PC			0	PC	0-15	70	
PM	PC			0	PC	16-33	50	
Sunset	PC			0	PC	0-15		
Night				0	PC	0-15		
<u>Precipitation</u>								
Pre-Dawn	0			0	0	0	0	
Dawn	0			0	0	0	0	
AM	0			0	0	0	0	
Noon	0			0	0	0	0	
PM	0			0	0	0	0	
Sunset	0			0	0	0	0	
Night	0			0	0	0	0	