

Spring 1998 North American Migration Count in South Carolina

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The 1998 Spring North American Migration Count in South Carolina was held on the second Saturday in May (9 May 1998). Some 155 observers in 74 parties found a grand total of 221 species and about 44,895 individual birds in South Carolina. Of these some 29 species were "exclusives," that is, found in only one county. The distribution of exclusives was as follows:

6 exclusives -- Charleston County

5 exclusives -- Spartanburg County

4 exclusives -- Jasper County, Georgetown County

2 exclusives -- Cherokee County, Lexington County

1 exclusive -- Chester County, Colleton County, Fairfield County, Greenville County, Orangeburg County, Richland County.

Participating Counties

Counts were held in twenty one of the forty six counties of the state (by geographic region, with county seat):

Coastal (C) and Outer Coastal Plain (OCP):

Beaufort	(Beaufort)
Charleston	(Charleston)
Colleton	(Walterboro)
Georgetown	(Georgetown)
Horry	(Conway)
Jasper	(Ridgeland)

Inner Coastal Plain (ICP):

Calhoun	(St. Matthews)
Hampton	(Hampton)
Orangeburg	(Orangeburg)
Williamsburg	(Kingstree)

Piedmont and Inner Coastal Plain (ICP) or Fall Line (FL) area:

Aiken	(Aiken)
Lexington	(Lexington)
Richland	(Columbia)

Piedmont (P):

Cherokee	(Gaffney)
Chester	(Chester)
Fairfield	(Winnsboro)
Saluda	(Saluda)
Spartanburg	(Spartanburg)
Union	(Union)

Mountains (M) and Piedmont (P):

Greenville	(Greenville)
Oconee	(Walhalla)

Aiken County, SC (AKN). (Piedmont and Inner Coastal Plain)

Total: 115 species; 2615 individuals.

6:30 AM to 7:30 PM. Temp. 64° to 85° F. Wind SE, 3 to 5 mph. AM clear; PM clear. Regular observers: 11 in field in 4 parties. Total regular party-hours: 40.5; total regular party-miles: 155.5; 33.25 hours and 18.5 miles on foot; 7.25 hours and 137 miles by car. Feeders: 1 observer, 1 feeding station, 1 hour watching feeders. Owling observers: 1 in 1 party. Owling party-hours: 1; owling party-miles: 1. Totals: 42.5 party-hours; 156.5 party-miles; 11 participants.

Coordinator: Anne Waters, 1621 Apple Valley Drive, Augusta, GA 30906. Participants: Laura Allen, Peter Bridge, Larry Eldridge, Christine Huzella, Sandra Johnson, Paul Koehler, Richard Lux, Daphne Parker, Anne Waters, Vernon Waters, Calvin Zippler.

As usual, counters in Aiken County turned in a solid count. A late Common Loon was notable, as were 3 Bald Eagles. There were numerous shorebirds for an inland county (9 species). Most notable was a nice count of 6 White-rumped Sandpipers.

Beaufort County, SC (BFRT). (Coastal and Outer Coastal Plain)

Total: 75 species; 947 individuals.

6:45 AM to 4:15 PM. Temp. 69° to 83° F. Wind SW, 10 to 15 mph. AM partly cloudy; PM partly cloudy. Regular observers: 1 in field in 1 party. Total regular party-hours: 10; total regular party-miles: 19; 8.5 hours and 8 miles on foot; 1.5 hours and 11 miles by car. Totals: 10 party-hours; 19 party-miles; 1 participant.

Coordinator: Patricia E. Metz, U.S. Fish & Wildlife Service, Parkway Business Center, Suite 10, 1000 Business Center Drive, Savannah, GA 31405.

Participants: Clem Dietz.

This single-observer count was limited to Pinckney Island NWR near Hilton Head. Few unusual birds were reported. Note that only 9 species of warbler were counted -- typical of spring migration along the South Carolina coast, but included in the warblers is a nice total of 6 Black-throated Green Warblers, true migrants, since this species does not nest this far south along the coast in South Carolina.

Calhoun County, SC (CLHN). (Inner Coastal Plain)

Total: 81 species; 3001 individuals.

7:15 AM to 4:00 PM. Regular observers: 5 in field in 2 parties. Total regular party-hours: 13; total regular party-miles: 143; 5 hours and 2 miles on foot; 8 hours and 141 miles by car. Totals: 13 party-hours; 143 party-miles; 5 participants.

Coordinator: Robin Carter, 4165 East Buchanan Drive, Columbia, SC 29206-2846.

Participants: Andrea Ceselski, Kathleen O'Grady, Jack Stewart, Lula Stewart, Bob Wood.

Notable in Calhoun County were a Merlin and a remarkable count of 2004 Bobolinks.

Charleston County, SC (CHSN). (Coastal and Outer Coastal Plain)

Total: 169 species; 10210 individuals.

5:00 AM to 8:00 PM. Temp. 58° to 78° F. Wind ESE, 5 to 10 mph. AM partly cloudy; PM partly cloudy. Regular observers: 24 in field in 11 parties. Total regular party-hours: 61.75; total regular party-miles: 286; 41.75 hours and 22 miles on foot; 9 hours and 247 miles by car; 4 hours and 1 mile by bike; Feeders: 2 observers, 2 feeding stations, 8 hours watching feeders. Stationary: 3 observers in 1 party for 1.5 hours. Owling observers: 5 in 5 parties; owling party-hours: 4; owling party-miles: 1. Totals: 75.25 party-hours; 287 party-miles; 24 participants.

Coordinator: Perry Nugent, 2260 Dallerton Circle, Charleston, SC 29414.

Participants: Van Atkins, Wynema Atkins, Mrs. M. Aldenderfer, Paul Aldenderfer, Mike Bernard, Sharon Brown, Danny Carlson, Jack Clarkson, Ed Conradi, George Crumley, Janice Fanning, Fernanda Hastie, Tom Hilton, Joan Hylander, Ann Kent, Perry Nugent, Irv Rosenfeldt, Ben Smith, Liz Smylie, Tony Speno, Charlie Walters, Craig Watson, Susan Watson, Betty Zimmerman.

As usual, Charleston County came in with an excellent count. Some of their good birds include a Merlin (late), 192 Whimbrels, 19 Common Terns, an Eastern Phoebe (late), a Hermit Thrush (late), and 4 Nelson's Sharp-tailed Sparrows (a bit late). Also of interest was the fact that no Black-throated Green Warblers were found, emphasizing the local decline of the coastal plain breeding population of this beautiful species.

Cherokee County, SC (CHKE). (Piedmont)

Total: 84 species; 1403 individuals.

8:00 AM to 10:30 PM. Temp. 60° to 79° F. Wind W to NW, 10 to 17 mph. AM partly cloudy; PM partly cloudy. Regular observers: 9 in field in 5 parties. Total regular party-hours: 24.75; total regular party-miles: 154.5; 11.5 hours and 9.5 miles on foot; 13.25 hours and 145 miles by car. Feeders: 7 observers, 5 feeding stations, 11 hours watching feeders. Owling observers: 2 in 2 parties; owling party-hours: 0.5; owling party-miles: 0. Totals: 36.25 party-hours; 154.5 party-miles; 13 participants.

Coordinator: Lyle Campbell, 126 Greengate Lane, Spartanburg, SC 29307.

Participants: Lyle Campbell, Emily Childers, Travis Childers, Claude Cobb, Ken Garrett, Larry Jackson, Karla Lavender, Scott Lavender, Beverly Morrow, Alan Rose, April Rose, Carolyn Taylor, Les Young.

Unusual species reported from Cherokee County included an Anhinga (very rare), a Willow Flycatcher (rare), 2 Dark-eyed Juncos, 3 Purple Finches, and an Evening Grosbeak (all late).

Chester County, SC (CHSR). (Piedmont)

Total: 88 species; 1395 individuals.

4:45 AM to 5:45 PM. Temp. 65° to 78° F. AM partly cloudy; PM partly cloudy. Regular observers: 2 in field in 2 parties. Total regular party-hours: 14.5; total regular party-miles: 124; 10 hours and 9 miles on foot; 4.5 hours and 115 miles by car. Owling observers: 1 in 1 party; owling party-hours: 1.5; owling party-miles: 1. Totals: 16 party-hours; 125 party-miles; 2 participants.

Coordinator: Albert Conway, 1672 Deer Run Road, Catawba, SC 29704.

Participants: Gail B. Ice, Irvin Pitts.

Probably the best bird reported from Chester County was a Gray-cheeked Thrush.

Colleton County, SC (CLTN). (Coastal and Outer Coastal Plain)

Total: 95 species; 678 individuals.

7:00 AM to 1:00 PM. Temp. 65° F to 86° F. Wind SE, 10 mph. Regular observers: 2 in field in 1 party. Total regular party-hours: 6.0; total regular party-miles: 51.5; 2 hours and 1.5 miles on foot; 4 hours and 50 miles by car. Stationary: 1 observer in 1 party for 2.5 hours. Totals: 8.5 party-hours; 51.5 party-miles; 3 participants.

Coordinator: Tim Kalbach, 3113 River Drive, Columbia, SC 29201.

Participants: Terry Huntsberger, Tim Kalbach, Andreas Kristensen.

Marsh species were notable for the Colleton County count, including good counts of 8 Least Bitterns, 3 Black Rails, and 15 King Rails.

Fairfield County, SC (FFLD). (Piedmont)

Total: 113 species; 1387 individuals.

5:00 AM to 10:00 PM. Temp. 56° to 84° F. Wind W, 0 to 7 mph. AM clear; PM partly cloudy. Regular observers: 3 in field in 1 to 3 parties. Total regular party-hours: 19.75; total regular party-miles: 273; 14.25 hours and 14 miles on foot; 3.5 hours and 259 miles by car. Owling observers: 1 in 1 party; owling party-hours: 2.5; owling party-miles: 0. Totals: 22.25 party-hours; 273 party-miles; 3 participants.

Coordinator: Donna Bailey, 176 Raven's Place, Winnsboro, SC 29180.

Participants: Buddy Bailey, Donna Bailey, Molly Bonnell.

Observers in Fairfield County counted 22 species of warbler, the most unusual of which was a Cerulean Warbler.

Georgetown County, SC (GTWN). (Coastal and Outer Coastal Plain)

Total: 115 species; 1682 individuals.

7:00 AM to 7:30 PM. Temp. 72° to 80° F. Wind SW, 5 to 10 mph. AM partly cloudy; PM partly cloudy. Regular observers: 8 in field in 4 parties. Total regular party-hours: 12.5; total regular party-miles: 154; 9 hours and 6 miles on foot; 3.5 hours and 148 miles by car. Totals: 12.5 party-hours; 154 party-miles; 8 participants.

Coordinator: Tonya Spires, P.O. Box 2167, Conway, SC 29526.

Participants: Wendy Allen, David Donmoyer, Steve Roff, Steve Smith, Tonya Spires, Ann Malys Wilson, Ann Marie Wilson, Lee Wilson.

Good birds in Georgetown County include an American Bittern, 5 Long-billed Dowitchers, and 3 Blue-headed Vireos. Sadly, no Common Ground-Dove was found in an area which a few years ago was a stronghold for that decreasing species.

Greenville County, SC (GRVL). (Mountains and Piedmont)

Total: 101 species; 2058 individuals.

6:45 AM to 6:30 PM. Temp. 58° to 80° F. Regular observers: 11 in field in 5 parties. Total regular party-hours: 34.25; total regular party-miles: 250.5; 25 hours and 15.5 miles on foot; 9.25 hours and 235 miles by car. Feeders: 1 observers, 1 feeding station, 1 hour watching feeders. Stationary: 2 observers, 2 stations, 1.75 stationary hours. Owling observers: 1 in 1 party; owling party-hours: 1; owling party-miles: 0. Totals: 38 party-hours; 250.5 party-miles; 11 participants.

Coordinator: Len Kopka, 4 Keynan Ct., Simpsonville, SC 29680.

Participants: Greg Cornwell, Jenne Davies, Preston Davies, Nell Gambrell, Steve Harris, Sam Hood, Sue Lessner, Eric McFalls, Jim Moore, Joyce Moore, Linda Sharp.

The counters in Greenville County turned in a solid effort. The most notable bird was probably the Pine Siskin.

Hampton County, SC (HMPD). (Inner Coastal Plain)

Total: 84 species; 2021 individuals.

6:10 AM to 7:55 PM. Temp. 67° to 90° F. Wind W, 0 to 3 mph. AM partly cloudy; PM partly cloudy. Regular observers: 2 in field in 1 party. Total regular party-hours: 13.75; total regular party-miles: 149; 7 hours and 5 miles on foot; 6.75 hours and 144 miles by car. Totals: 13.75 party-hours; 149 party-miles; 2 participants.

Coordinator: Carroll Richard, P.O. Box 893, Hampton, SC 29924.

Participants: Bob Richard, Carroll Richard.

High counts and species of note in Hampton County include 1106 White Ibis, 7 Bald Eagles, and 1 Purple Gallinule. As usual Carroll Richard has turned in a good single-party count for this Deep South county.

Horry County, SC (HRRY). (Coastal and Outer Coastal Plain)

Total: 89 species, 970 individuals.

6:00 AM to 9:00 PM. Temp. 60° to 82° F. Wind S, 8 mph. AM partly cloudy; PM partly cloudy. Regular observers: 7 in field in 4 parties. Total regular party-hours: 17.25; total regular party-miles: 99.25; 10.5 hours and 2.25 miles on foot; 6.75 hours and 97 miles by car. Owling observers: 2 in 3 parties; owling party-hours: 3.25; owling party-miles: 33. Totals: 21 party-hours; 132.25 party-miles; 7 participants.

Coordinator: Tonya Spires, P.O. Box 2167, Conway, SC 29526.

Participants: David Donmoyer, Ernest Snavely, Tonya Spires, Phil Turner, Sharon Turner, Ann Malys Wilson, Lee Wilson.

Notable in Horry County were a Swallow-tailed Kite at the northern limits of its current breeding range, 8 Whip-poor-wills (versus just 3 Chuck-will's-widows), indicative of the continuing expansion of this species into the Coastal Plain, and a good migratory county of 2 Blue-headed Vireos. Compare this with the 3 Blue-headed Vireos seen in neighboring Georgetown County on the same day, indicating a real migratory push of this species in the Coastal Plain, where it is usually absent after the end of April, after the wintering individuals have left.

Jasper County, SC (JSPR). (Coastal and Outer Coastal Plain)

Total: 125 species; 3965 individuals.

7:00 AM to 8:00 PM. Temp. 56° to 85° F. Wind SW, 3 to 5 mph. AM clear; PM partly cloudy. Regular observers: 10 in field in 6 parties. Total regular party-hours: 28; total regular party-miles 82.5; 11.5 hours and 6.5 miles on foot; 12.5 hours and 60 miles by car; 4 hours and 16 miles by boat. Totals: 28 party-hours; 82.5 party-miles; 10 participants.

Coordinator: Patricia E. Metz, U.S. Fish & Wildlife Service, Parkway Business Center, Suite 10, 1000 Business Center Drive, Savannah, GA 31405. Participants: Tim Kalbach, Andreas Kristensen, Teri Leffek, Barry Lowes, Philomena Lowes, John Metz, Patricia Metz, Mark Musaus, Ray Porter, Richard Schultz, Jr.

As usual in Jasper County the Savannah spoil area yielded good shorebird counts, including 600 Lesser Yellowlegs, 500 Semipalmated Sandpipers, and 75 Stilt Sandpipers.

Lexington County, SC (LXTN). (Piedmont and Inner Coastal Plain)

Total: 97 species; 1207 individuals.

6:45 AM to 10:00 PM. Temp. 55° to 89° F. Wind SW, 0 to 5 mph. AM clear; PM clear. Regular observers: 9 in field in 5 parties. Total regular party-hours: 27.6; total regular party-miles: 63; 23.5 hours and 15 miles on foot; 4.1 hours and 48 miles by car. Feeders: 4 observers, 2 feeding stations, 2 hours watching feeders. Owling observers: 2 in 2 parties; owling party-hours: 2; owling party-miles: 0. Totals: 31.6 party-hours; 63 party-miles; 11 participants.

Coordinator: Molly Bonnell, 202 Cannon Trail Road, Lexington, SC 29073.

Participants: Donna Bailey, Brenda Lee Bass, Molly Bonnell, Barbara Darden, Jerry Griggs, Malia Griggs, Tom Hankins, Doris Slice, Lloyd Slice, Roger Smith, Mike Turner.

The most unusual species in Lexington County were all seen in the Saluda Shoals area, along the Saluda River: 1 Olive-sided Flycatcher, 3 Golden-winged Warblers, and 1 Cerulean Warbler.

Oconee County, SC (OCNE). (Mountains and Piedmont)

Total: 104 species; 2214 individuals.

6:37 AM to 7:00 PM. Temp. 61° to 81° F. Wind W, 0 to 10 mph. AM cloudy; PM clear. Regular observers: 10 in field in 4 parties. Total regular party-hours: 38.75; total regular party-miles: 431; 15.5 hours and 10.5 miles on foot; 23.25 hours and 420.5 miles by car. Totals: 38.75 party-hours; 420.5 party-miles; 10 participants.

Coordinator: Steve Wagner, 316 East Creswell, Greenwood, SC 29646.

Participants: Don Cox, Steve Cox, Vicki Cox, Lex Glover, Drew Lanham, David Mizrahi, Carly Sheffield, Steve Sheffield, Sue Sheffield, Steve Wagner.

Participants in Oconee County turned in a solid county, but without any outstanding rare species or high counts. Despite the late date they did find 22 species of warblers.

Orangeburg County, SC (ORBG). (Inner Coastal Plain)

Total: 16 species; 83 individuals.

6:00 PM to 7:00 PM. Temp. 75° F. Regular observers: 2 in field in 1 party. Total regular party-hours: 1; total regular party-miles: 2.25; 0.25 hours and 0.25 miles on foot; 0.75 hours and 2 miles by car. Totals: 1 party-hour; 2.25 party-miles; 2 participants.

Coordinator: Tim Kalbach, 3113 River Drive, Columbia, SC 29201.

Participants: Tim Kalbach, Andreas Kristensen.

Tim and Andreas stopped off at the Orangeburg sod farms for an hour during a long birding day that reached from the Savannah National Wildlife Refuge to Columbia. Their best birds in Orangeburg County were a Sora and a Common Snipe.

CBC Rare Bird Alert
(704) 332-BIRD

Richland County, SC (RCHL). (Piedmont and Inner Coastal Plain)

Total: 102 species; 1744 individuals.

6:00 AM to 9:00 PM. Temp. 65° to 83° F. Wind calm. AM clear; PM clear. Regular observers: 15 in field in 3 parties. Total regular party-hours: 15; total regular party-miles: 94; 8 hours and 5 miles on foot; 7 hours and 89 miles by car. Feeders: 1 observer, 1 feeding station, 1 hour watching feeders. Owling observers: 1 in 1 party; owling party-hours 1; owling party-miles: 33. Totals: 17 party-hours; 122 party-miles; 15 participants.

Coordinator: Robin Carter, 4165 East Buchanan Drive, Columbia, SC 29206-2846.

Participants: Fran Almond, Robin Carter, Steve Dennis, Caroline Eastman, John Foy, Gene Hall, Joyce Hall, Thomas Hartman, Heidi Hoerman, Leanne Jarrett, Sonny Jarrett, Tim Kalbach, Andreas Kristensen, Alice Parham, James Wilson, Carol Winberry.

Counters in Richland County turned up a Northern Pintail at Semmes Lake on Fort Jackson and a Merlin, hunting over flooded fields near the Heathwood Hall School.

Saluda County, SC (SLDA). (Piedmont)

Total: 82 species; 771 individuals.

8:20 AM to 4:40 PM. Temp. 60° to 80° F. Wind W, 0 to 5 mph. AM clear; PM clear. Regular observers: 1 in field in 1 party. Total regular party-hours: 8.33; total regular party-miles: 103; 8.33 hours and 103 miles by car. Totals: 8.33 party-hours; 103 party-miles; 1 participants.

Coordinator: Mike Turner, 1131 Shirley St., Columbia, SC 29205

Participants: Mike Turner.

Mike Turner's single party count in Saluda County turned up mostly expected species in unremarkable numbers. The best bird was probably a migratory Caspian Tern.

Spartanburg County, SC (SPTB). (Piedmont)

Total: 129 species; 4838 individuals.

5:30 AM to 10:30 PM. Temp. 60° to 79° F. Wind W to NW, 0 to 17 mph. AM partly cloudy; PM partly cloudy. Regular observers: 27 in field in 14 parties. Total regular party-hours: 85.75; total regular party-miles: 511.5; 46 hours and 36.5 miles on foot; 30.75 hours and 461 miles by car; 9 hours and 14 miles by boat. Feeders: 27 observers, 17 feeding stations, 48 hours watching feeders. Owling observers: 5 in 3 parties; owling party-hours: 4; owling party-miles 59. Totals: 137.75 party-hours; 520 party-miles; 54 participants.

Coordinator: Lyle Campbell, 126 Greengate Lane, Spartanburg, SC 29307.

Participants: Robbie Allen, Frankie Altman, John Barry, Susan Barry, Beth Bartel, Pat Burton, David Campbell, Lyle Campbell, Matthew Campbell, Sarah Campbell, Marion Clark, Aaron Cooper, G. R. Davis, Linda Deahl, Krista Donovan, Sharon Donovan, Stan Easley, Sam Floyd, Nell Foster, Roy Fowler, Pat Fowler, Bob Freeman, Sheena Freeman, Onoosh Gahaghan, Ron Gahaghan, Robin Gilman, Teresa Glenn, Ashley Green, Cathy Hall, Gladys Henry, J. B. Hines, Myra Hines, Flip Jones, Linda Kimbrell, Tiffany Kimbrell, Mickey Marotte, Ed Medlin, Gail Medlin, Jim Miller, Bill Moody, Marian Murph, Mary Ann Myers, Gill Newberry, I. B. Panell, Mary Potter, Bob Powell, Doug Raynor, Ginny Scott, Walton Scott, Tina Taylor, Dick Thorpe, Lois Thorpe, Gerald Thurmond, Debbie Woody.

Once again Lyle Campbell organized the best inland count in the state. Spartanburg County birders recorded a remarkable 129 species in the county, including a long list of rarities: 3 Bufflehead, 1 Bonaparte's Gull, 1 Barn owl, 1 Short-eared Owl, 1 Yellow-bellied Sapsucker, 3 Wilson's Warblers, and 4 Purple Finches.

Union County, SC (UNIN). (Piedmont)

Total: 68 species; 1080 individuals.

7:00 AM to 7:00 PM. Temp. 54° to 82° F. Wind calm. AM clear; PM partly cloudy. Regular observers: 2 in field in 1 party. Total regular party-hours: 12; total regular party-miles: 147; 0.5 hours and 1 mile on foot; 11.5 hours and 146 miles by car. Totals: 12 party-hours; 146 party-miles; 2 participants.

Coordinator: Evelyn D. Richbourg, 208 Spruce Street, Union, SC 29379.

Participants: Sally Parker, Evelyn Richbourg.

This single party count did not find any unexpected species, but their count of 31 Prairie Warblers reminds us that much of Union County is regenerating pine clear cut habitat. Early successional species do well here.

Williamsburg County, SC (WMB). (Outer Coastal Plain).

Total: 81 species; 627 individuals.

6:30 AM to 11:30 PM. Temp. 65° to 78° F. Wind SW, 3 to 15 mph. Regular observers: 2 in 1 party. Total regular party-hours: 6; total regular party-miles: 17.5; 5 hours and 2.5 miles on foot; 1 hour and 15 miles by car. Owling observers: 1 in 1 party; owling party-hours 3; owling party-miles 0. Totals: 9 party-hours; 17.5 party-miles; 2 participants.

Coordinator: John Snow, Route 1, Box 192, Hemingway, SC 29554.

Participants: John Snow, Paula Sutton.

No unusual species or remarkable high numbers were recorded in Williamsburg County.

Summary of Spring 1998 NAMC in South Carolina

State-wide Total: 221 species, 44,895 individuals.

Observers: 155 in 74 parties; Party-hours: 288 hours on foot, 178.43 hours by car, 13 hours by boat, 4 hours by bicycle, 7 hours by golf cart. Party-miles: 190.5 miles on foot, 3073.5 miles by car, 30 miles by boat, 1 mile by bicycle, 16 miles by golf cart. Feeder watch: 72 hours by 43 watchers at 29 feeding stations. Stationary: 5.75 hours by 6 observers at 4 stations. Owling: 23.75 hours and 128 miles by 23 observers in 19 parties.

CAROLINABIRDS

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Spring 1998 North American Migration Count in South Carolina

	AKN	BFRT	CLHN	CHSN	CHKE	CHSR	CLTN	FFLD	GTWN	GRVL	HMPN	HRRY	JSPR	LXTN	OCNE	ORBG	RCHL	SLDA	SPTB	UNIN	WMB	TOTAL
	FL	C	ICP	CI	P	P	C	P	C	M	OCP	C	C	FL	M	ICP	FL	P	P	P	OCP	
Common Loon	1												1									5
Pied-billed Grebe				1												2						10
Horned Grebe				4				5						2								2
Northern Gannet										3												4
Brown Pelican				1				8		10				2								133
Dbl-cr Cormorant	3	16	5	153			9	3	14	29		3	1	6	1		3	1	2		15	264
Anhinga	5	10	1	32	1			4		4		1	1	25	1							85
American Bittern										1												1
Least Bittern		1		12				8		1												22
Great Blue Heron	4	8	6	97		1	3	1	13	1	12	2	30	5			7	2	8	1	1	200
Great Egret	2	50		134			3	1	119		16	6	144				10				3	488
Snowy Egret		60		83			12		7		3		200									365
Little Blue Heron	2	35		183			1		3		12		4				1					241
Tricolored Heron		30		70			7		6		1		57									171
Cattle Egret	6	16		53				2		23	6	139									14	259
Green Heron	3	2	1	70	2	2	5	1	9	4	4	3	12	2	2		3	4	8		1	138
Bl-cr Night-Heron		10		4					2				7									23
Y-cr Night-Heron	1	2		27							4		2				1					37
night-heron sp.									76													76
White Ibis		70		71							1106	41	89									1377
Glossy Ibis				1									19									20
Wood Stork				23			2			3	6	3										37
Canada Goose	27			30	22	29	2	14		198	11	27		7	74		13	8	114	14	7	597
Wood Duck	21			60	2	3	4	8		2	3	8	8	12	8		2	2	6		2	151
Am Black Duck								10					8									8
Mottled Duck				2									5									17
Mallard	12			8	1	1			3	4	81		18	5	14	3	1	6		139	2	296
Northern Pintail																		1				1
Blue-winged Teal	9	1											20									30
Northern Shoveler													1									1
Bufflehead																				3		3
Hooded Merganser				2																		2
Red-br Merganser										5			3									8
Ruddy Duck									49				1									50
Black Vulture	4	8	3	90	11	13	1	31	4	7	46	1	16			9	4	15	4	8	275	
Turkey Vulture	28	2	17	115	4	34	10	48	17	24	57	9	52	7	29		26	18	41	10	6	554
Osprey		6	6	25				2	14			1	9	2	1			2	2			70
Swallow-tailed Kite				6					4		2	1	3									16
Mississippi Kite	16		11	21			2		1		3	2	5				11					72
Bald Eagle	3			4			1	1	2		7											18
Northern Harrier		1		1									1				1			1		5
Sharp-sh Hawk				1						1								1	3			6
Cooper's Hawk										1						2				1		4
Red-sh Hawk	11		5	10	2			9		4		1	1	1	3		4			9	3	63

	AKN	BFRT	CLHN	CHSN	CHKE	CHSR	CLTN	FFLD	GTWN	GRVL	HMPN	HRRY	JSPR	LXTN	OCNE	ORBG	RCHL	SLDA	SPTB	UNIN	WMB	TOTAL
	FL	C	ICP	CI	P	P	C	P	C	M	OCP	C	C	FL	M	ICP	FL	P	P	P	OCP	
Broad-winged Hawk						1		1		6					3							13
Red-tailed Hawk	3		10	22	3	2	2	9	3	7	2	1	6	6	8		8	7	35	4		138
American Kestrel					1						1							3				5
Merlin			1	1													1					3
Wild Turkey	12		1	2	2		1	7			1	1	2		2				50		5	86
Northern Bobwhite	13		4	9	5	1	1	18		6	3	3	8	2	1	1	4	5	13	3	5	103
Black Rail							3															3
Clapper Rail		10			26				7				1									44
King Rail							15															17
Sora							1									1						2
Purple Gallinule											1		8									9
Common Moorhen		18	3	29			20		7		5		14									96
American Coot		22		3			12		9	1	2		33		10				4		1	97
Black-bellied Plover				21			4		29				6									60
Wilson's Plover				1					10													11
Semip Plover		10		164			41		143				52								1	411
Killdeer	8	2	4	23	16	2		7	2	24	2	25	11	8	4	2	6	1	25	1	6	179
Am Oystercatcher		2		2					5													9
Black-necked Stilt				24			4		1				88									117
American Avocet													3									3
Greater Yellowlegs	8			16				5	6				50								10	95
Lesser Yellowlegs	16			21					28				600			35						700
Solitary Sandpiper	52			5			2	1					5		1		2		5			73
Willet		6		28					7				8									49
Spotted Sandpiper	11			33	2	4	4	3	35	5		3	5						11		9	125
Whimbrel		50		192				12					11									265
Ruddy Turnstone		6		1					18													25
Red Knot				50																		50
Sanderling				69					18													87
Semip Sandpiper				105					71				500									676
Western Sandpiper	2	4		2					20										1			29
Least Sandpiper	126			235				4					50								8	423
White-r Sandpiper	6			6									5									17
peep sp.				602									104									706
Pectoral Sandpiper	2			2													1					5
Purple Sandpiper									13													13
Dunlin				11			25		62				181									279
Stilt Sandpiper				1									75									76
Short-b Dowitcher		10		97					33				141									281
Long-b Dowitcher									5													5
Common Snipe																	1					1
Laughing Gull		4		241			7		130			10	6									398
Bonaparte's Gull									1											1		2
Ring-billed Gull				65				2	6			8		5	40		19		12			157
Herring Gull				4				1	2													7
Gull-billed Tern				2			1															3
Caspian Tern				1					8				3					1				13
Royal Tern				43					3													46
Sandwich Tern									1													1

	AKN		BFRT		CLHN		CHSN		CHKE		CHSR		CLTN		FFLD		GTWN		GRVL		HMPN		HRRY		JSPR		LXTN		OCNE		ORBG		RCHL		SLDA		SPTB		UNIN		WMB		TOTAL		
	FL	C	ICP	CI	P	P	C	P	C	P	C	P	C	P	C	P	C	M	OC	C	C	FL	M	ICP	FL	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P					
Common Tern				19																																							19		
Forster's Tern				8						4					8																													27	
Least Tern				91						1					17																													123	
Black Tern				1																																								1	
Black Skimmer				15																																								18	
Rock Dove	17	4	30	109							20	14																																394	
Eur Collared-Dove				1							1																																	2	
Mourning Dove	112	8	56	223							75	33																																1286	
Com Ground-Dove				2																																								4	
Yellow-b Cuckoo	20			10							79	4	5	1	11																													195	
Barn Owl				3																																								4	
E Screech-Owl				2								1	1																															10	
Great Horned Owl	1			1																																								8	
Barred Owl	2			2							9	1	7	1	3																													42	
Short-eared Owl				7																																									1
Common Nighthawk	3			7							1																																		50
Chuck-will's-widow	4			15								5																																	74
Whip-poor-will	3			3							7																																		56
Chimney Swift	67			49							132	56	60	2	11																														858
R-thr Hummingbird	13	1	4	12							3	2	1	2																														106	
Belted Kingfisher	1			1							4																																	39	
Red-h Woodpecker	12	2	8	24							2																																	101	
Red-b Woodpecker	40	12	26	86							9	10	1	14																														403	
Yellow-b Sapsucker				1																																								2	
Downy Woodpecker	18	8	4	18							8	4	1	9																														138	
Hairy Woodpecker	1			1																																								19	
Red-c Woodpecker				2																																								4	
Northern Flicker	4	2		4							7	1	1	1																														43	
Pil Woodpecker	20	2	6	20							3	4	2	5																														130	
Olive-s Flycatcher				1																																								1	
E Wood-Pewee	29	1	6	69							3	7	2	4																														204	
Acadian Flycatcher	18			5							42	1	7	2	6																													133	
Willow Flycatcher				1																																								1	
Empidonax sp.				5																																								6	
Eastern Phoebe		4	1	1							9	6																																	146
Great Cr Flycatcher	51	20	10	242							4	4	15	12																															546
Eastern Kingbird	25	12	29	56							35	26	25	19																															471
Horned Lark	12			1																																									17
Purple Martin				93							214	39	75	1	19																														746
Tree Swallow				12							382																																		662
N R-winged Swallow	18			9							30	3	8																																136
Bank Swallow																																													22
Cliff Swallow																																													608
Barn Swallow	45	10	23	184							62	96	8	36																														1121	
Blue Jay	63	15	30	111							50	14	5	23																														745	
American Crow	63	10	22	156							72	78	10	36																														996	
Fish Crow	35	4	8	84							2	2	11	9																														258	
crow sp.	11			7																																								152	
Carolina Chickadee	48	20	8	122							23	7	1	12																														508	

	AKN	BFRT	CLHN	CHSN	CHKE	CHSR	CLTN	FFLD	GTWN	GRVL	HMPN	HRRY	JSPR	LXTN	OCNE	ORBG	RCHL	SLDA	SPTB	UNIN	WMB	TOTAL
	FL	C	ICP	CI	P	P	C	P	C	M	OCF	C	C	FL	M	ICP	FL	P	P	P	OCF	
Tufted Titmouse	75	12	25	180	16	11	2	29	12	26	2	13	15	42	42		43	11	77	15	2	650
White-br Nuthatch	11	4		10	3					7					15		2	15			1	68
Brown-h Nuthatch	29		8	14	1	6		7		3	3	2	8	11	10		8	4	20	3		137
Carolina Wren	56	14	32	128	18	13	5	15	8	30	1	9	23	40	43		60	12	69	18	14	608
House Wren		2			1	2			3			1		1	1				5	3		20
Marsh Wren				7				10						15								32
Ruby-cr Kinglet	1													1								2
Bl-gray Gnatcatcher	20	2	42	124	3	26	5	28	16	14	7	8	3	18	21		24	9	29	17	11	427
Eastern Bluebird	37	10	17	34	44	35	1	26	5	81	23	16	12	22	59		3	13	159	53	10	660
Veery				1	1			1						1					1			5
Gray-ch Thrush						1																1
Swainson's Thrush								1											1			2
Hermitt Thrush				1																		1
Wood Thrush	26		2	17	4	4		7	1	30		3	3	7	14		6	3	5	3		135
American Robin	15			5	119	7		9		93	2	25	1	24	82		40	5	310	26	2	765
Gray Catbird	10		2	9	7	7		2	3	10	1	3	12	11			12	2	18	5		114
N Mockingbird	78	6	52	155	51	50	11	28	15	45	45	44	25	40	47		53	27	178	75	17	1042
Brown Thrasher	16	8	3	63	24	10	8	5	19	36	14	10	20	2	47		18	5	112	16	4	440
Cedar Waxwing	34			56	20	7		22		63	10		96	19	6		18	1	135	8		495
Loggerhead Shrike	11		10	9			1	1	3	2	12	3	2	2	1		8	4	1		5	73
European Starling	54		2	155	115	44		11	27	71	26	36	7	10	60	5	45	4	167	45	19	903
White-eyed Vireo	26	18	12	83	1	4	8	25	4		3	15	10	5		36	8	4	11	17		290
Blue-headed Vireo				1	1			1	3	8		2			5							21
Yellow-thr Vireo	5			6		1	1	4	2	1					8		2		3			33
Red-eyed Vireo	32		12	80	4	21	15	38	2	53		3	7	7	81		32	6	49	25	2	469
Blue-w Warbler								1														1
Golden-w Warbler														3								3
Northern Parula	57	10	20	79	5	17	2	23	8	10		8	17	15	27		42	4	28	2	3	377
Yellow Warbler	2		1	6		1	1	4	7	3			2		3				8		1	39
Chestnut-s Warbler	1																		3			4
Magnolia Warbler			2	2			2	1						1	1				1			12
Cape May Warbler									1						12							13
Bl-thr Blue Warbler	10			2		2		1		8		1	13	6		5	2					50
Yellow-r Warbler				3	6	6		1		23			4	1			2	18		1		65
Bl-thr Green Warbler		6						1		5				1	11			1	1			26
Blackburnian Wrbrl								3											11			14
Yellow-thr Warbler	14	6	2	36		4	2	7	4			1	4	1	5		9		5			100
Pine Warbler	62	10	10	137		12	10	34	9	13	2	5	8	33	17		21	19	20	32	4	458
Prairie Warbler	6			4		10		14	3	2				4	10		4	5	19	31		112
Palm Warbler	1				1														1			3
Blackpoll Warbler				1		1	1	1		6			1	3	5				4			23
Cerulean Warbler								1						1								2
Bl-and-white Warbler	2	8	3					5		8			1	3	15		1	2	6	3	2	59
American Redstart	24		9		4	2		14		4	3		1	16	2		6	2	2	1	2	95
Prothonotary Warbler	16	4	4	25		9		7	3			6	2	1	3		25	5				112
Worm-eating Warbler				1					1	4					6				3			15
Swainson's Warbler	2		2				1			1				3	2		7				1	19
Ovenbird	1	2		6		4		6		9				3	19		1	3	1			55
N Waterthrush	1							2						3			6					12

