

Fall 1998 North American Migration Count in South Carolina

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The 1998 Fall North American Migration Count in South Carolina was held on the third Saturday in September (19 September 1998). Some 104 observers in 50 parties found a grand total of 202 species and about 32,041 individual birds in South Carolina. Of these, some 39 species were "exclusives," that is, found in only one county. The distribution of exclusives was as follows:

- 15 exclusives – Charleston County
- 4 exclusives – Georgetown County, Jasper County, Orangeburg County, Spartanburg County
- 3 exclusives – Greenville County
- 2 exclusives – Aiken County, Newberry County
- 1 exclusive – Colleton County.

Counts were held in 15 of the 46 counties of the state (by geographic region, with county seat):

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

Charleston	(Charleston)
Colleton	(Walterboro)
Georgetown	(Georgetown)
Jasper	(Ridgeland)

Inner Coastal Plain (ICP):

Orangeburg	(Orangeburg)
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Piedmont (P) and Inner Coastal Plain (ICP) (i.e. Fall Line area):

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

Piedmont (P):

Cherokee	(Gaffney)
Chester	(Chester)

Fairfield (Winnsboro)
 Newberry (Newberry)
 Spartanburg (Spartanburg)
 Union (Union)

Mountains (M) and Piedmont (P):

Greenville (Greenville)

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

Total: 114 species; 4764 individuals.

6:30 AM to 8:30 PM. Temp. 73° to 84° F. Wind E to NE, 5 to 8 mph. AM cloudy, with a trace of rain; PM mostly cloudy. Regular observers: 19 in field in 8 parties. Total regular party-hours: 54.5; total regular party-miles: 213.25; 43.25 hours and 23.5 miles on foot; 10.25 hours and 188.75 miles by car; 1 hour and 1 mile by bicycle. Feeders: 2 observers, 2 feeding stations, 3.5 hours watching feeders. Owling observers: 1 in 1 party. Owling party-hours: 2; owling party-miles: 9.5. Totals: 60 party-hours; 222.75 party-miles; 19 participants.

Coordinator: Anne Waters, 1621 Apple Valley Drive, Augusta, GA 30906. Participants: Dan Connelly, Carol Eldridge, Larry Eldridge, Liz Goodson, Jerry Henshaw, Bill Hopkins, Laura Hopkins, Christine Huzella, Sandra Johnson, Paul Koehler, Mark Komoroski, Richard Lux, Marylyn McLeod, Abi Vitale, Alice Walker, Doug Walker, Anne Waters, Vernon Waters, Calvin Zippler.

The Aiken County count was well organized, with 8 parties in the field. As a result, it had the highest species count of any inland county (114), second only to coastal Charleston County (156 species).

Participants in Aiken County found 2 exclusives -- 2 Mississippi Kites (late), and a Blue-winged Warbler. Other species of note included a Peregrine Falcon, 20 Ruby-throated Hummingbirds (high), a very early Yellow-bellied Sapsucker, and 3 late Cliff Swallows.

CHSTN - Charleston County, SC. (Coastal and Outer Coastal Plain)

Total: 156 species; 12,303 individuals.

5:00 AM to 5:30 PM. Temp. 74° to 85° F. Wind NW, 5 to 10 mph. AM cloudy, trace of rain; PM cloudy, trace of rain. Regular observers: 23 in field in 11 parties. Total regular party-hours: 60; total regular party-miles: 510; 41 hours and 44 miles on foot; 19 hours and 466 miles by car. Feeders: 4 observers, 4 feeding stations, 14.5 hours watching feeders. Owling observers: 3 in 3 parties; owling party-hours: 2.5; owling party-miles: 1.5. Totals: 77 party-hours; 511.5 party-miles; 23 participants.

Coordinator: Perry Nugent, 2260 Dallerton Circle, Charleston, SC 29414. Participants: Van Atkins, Mrs. M.A. Aldenderfer, Rebecca Ashley, Gifford Beaton, Betty Blanford, Sharon Brown, Jim Brownlee, Sue Brownlee, Joan Cole, Edward Conradi, George Crumley, Janice Fanning, Dennis Forsythe, Donna Forsythe, Ann Kent, Ann Knight, Perry Nugent, Ben Smith, Liz Smylie, Joe Stevenot, Martha Stevenot, Charles Walters, Craig Watson.

Charleston County participants recorded 15 exclusive species, far more than any other county, reflecting good coverage of a great birding area. Species of note included 395 Brown Pelicans (high), 11 Bald Eagles (high), a Virginia Rail (exclusive), 106 American Oystercatchers (high), 7 Marbled Godwits (exclusive), 1 American Woodcock (exclusive), 15 Sandwich Terns (exclusive), 26 Great Horned Owls (high), 4 Chuck-will's-widow (exclusive), 20 Ruby-throated Hummingbirds (high), 1 Hairy Woodpecker (locally scarce), 3 Willow Flycatchers (exclusive), 448 Red-eyed Vireos (very high count), 3 Golden-crowned Kinglets (exclusive, early), 9 Veeries (high), 6 Gray-cheeked Thrushes (high), 7 Yellow Warblers (exclusive), 3 Cape May Warblers (exclusive), 7 Black-throated Blue Warblers (exclusive), 1 Kentucky Warbler (exclusive), 3 Bachman's Sparrows (exclusive), 25 Painted Buntings (exclusive, high count), and 50 Rusty Blackbirds (exclusive, early).

CHKE - Cherokee County, SC. (Piedmont)

Total: 55 species; 729 individuals.

Temp. 70° to 81° F. Wind NE to SE, 7 to 12 mph. AM partly cloudy; PM partly cloudy. Regular observers: 7 in field in 5 parties. Total regular party-hours: 12; total regular party-miles: 61; 9 hours and 12 miles on foot; 3 hours and 49 miles by car. Totals: 12 party-hours; 61 party-miles; 7 participants.

Counters in Cherokee County had a typical day in the field for late September. No rarities or high counts were recorded, and the number of species found was very much in line with the level of coverage.

Coordinator: Lyle Campbell, 126 Greengate Lane, Spartanburg, SC 29307. Participants: Claude Cobb, Ken Garrett, J.B. Hines, Myra Hines, Karla Lavender, Scott Lavender, Ed Wilde.

CHSTR - Chester County, SC. (Piedmont)

Total: 60 species; 703 individuals.

6:15 AM to 6:15 PM. Temp. 72° to 85° F. Regular observers: 4 in field in 3 parties. Total regular party-hours: 20.5; total regular party-miles: 216.5; 8.5 hours and 10.5 miles on foot; 12 hours and 206 miles by car. Totals: 20.5 party-hours; 216.5 party-miles; 4 participants.

Participants in Chester County had a rather dull day in the field, turning up only 60 species and very few individuals. The 2 Barn Owls were at the usual spot. The best count was probably 4 Little Blue Herons.

Coordinator: Albert Conway, 1672 Deer Run Road, Catawba, SC 29704. Participants: Albert Conway, Gail B. Ice, Gail C Ice, Al James.

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

Total: 83 species; 1118 individuals.

Regular observers: 2 in field in 1 party. Total regular party-hours: 8.0; total regular party-miles: 143; 1 hour and 1 mile on foot; 7 hours and 142 miles by car. Totals: 8.0 party-hours; 143 party-miles; 2 participants.

Colleton County was covered by a single party of counters, who turned in a nice count without any true rarities. There was one exclusive (King Rail). Four species of doves (out of five on the county list) were counted, including

a good count of 35 Eurasian Collared-Doves. Next year perhaps we will find even the White-winged Dove at Bennetts Point or Edisto Beach.

Coordinator: Dennis Forsythe, 748 Swanson Ave., Charleston, SC 29412.
Participants: Dennis Forsythe, Donna Forsythe.

FFLD - Fairfield County, SC. (Piedmont)

Total: 81 species; 630 individuals.

5:00 AM to 11:30 AM. Temp. 69° to 70° F. Wind ESE to ENE, 0 to 5 mph. AM partly cloudy; PM partly cloudy. Regular observers: 7 in field in 2 parties. Total regular party-hours: 6.5; total regular party-miles: 5.5; 6.5 hours and 5.5 miles on foot. Owling observers: 1 in 1 party; owling party-hours: 2.5; owling party-miles: 0. Totals: 9 party-hours; 5.5 party-miles; 7 participants.

This fall there were two parties reporting from Fairfield County, with typical results. No exclusives were found. There was a nice high count of 11 Ruby-throated Hummingbirds. The strongest showing on the count was in the thrush family, including 4 Veeries, 3 Gray-cheeked Thrushes, 13 Swainson's Thrushes, 1 Hermit Thrush, and 6 Wood Thrush, reflecting a good nocturnal thrush migration and an observer (Donna Bailey) skilled enough in thrush calls to identify them.

Coordinator: Donna Bailey, 176 Raven's Place, Winnsboro, SC 29180.
Participants: Buddy Bailey, Donna Bailey, Tim Kalbach, Nancy Lyman, Doris Slyce, L.O. Slyce, Gary Sowell.

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

Total: 98 species; 1229 individuals.

11:00 AM to 5:00 PM. Temp. 74° to 80° F. Wind NE, 5 mph. AM cloudy; PM cloudy. Regular observers: 3 in field in 2 parties. Total regular party-hours: 10; total regular party-miles: 63.5; 7.5 hours and 5.5 miles on foot; 2.5 hours and 58 miles by car. Totals: 10 party-hours; 63.5 party-miles; 3 participants.

Counters in Georgetown County turned up four exclusive species (American Bittern, Piping Plover, Semipalmated Sandpiper, and Least Tern). Other goodies found in the great coastal area included an early Yellow-bellied Sapsucker and a rare Least Flycatcher.

Coordinator: Jack Peachey, 103 Walnut Circle, Conway, SC 29526.
Participants: Jack Peachey, Gary Phillips, Tonya Spires.

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

Total: 22 species; 1347 individuals.

Temp. 64° to 74° F. Wind NE, 5 mph. AM cloudy with a trace of rain; PM partly cloudy. Stationary: 6 observers, 1 station, 6.2 stationary hours. Totals: 6.2 party-hours; 0 party-miles; 6 participants.

The only count submitted from Greenville County was from the Caesar's Head hawk watch, so it was very limited in total species. Nevertheless the hawk watchers had three exclusives -- Common Raven (this is the best place in South Carolina to observe this species), Cedar Waxwing, and Dark-eyed Junco. The best high count was 1244 Broad-winged Hawks, surely a thrill for the hawk watchers.

Coordinator: Irvin Pitts, 1156 Old Orangeburg Road, Lexington, SC 29073. Participants: Elizabeth Galloway, Tammy King, Bill Morrell, Irvin Pitts, Mitchell Rice, Shawn Wolfe.

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

Total: 65 species; 1543 individuals.

8:00 AM to 7:30 PM. Temp. 74° to 82° F. AM rain; PM rain. Regular observers: 3 in field in 2 parties. Total regular party-hours: 11.5; total regular party-miles 96; 3.5 hours and 2 miles on foot; 4 hours and 54 miles by car; 4 hours and 40 miles by boat. Totals: 11.5 party-hours; 96 party-miles; 3 participants.

Counters in Jasper County only found 65 species, but nevertheless this included 4 exclusives -- American Black Duck (local breeder), Northern Shoveler, Green-winged Teal, and Purple Gallinule (local breeder). Other rarities and high counts included 24 Pied-billed Grebes, 163 American Avocets, and a Buff-breasted Sandpiper.

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

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

Total: 27 species; 134 individuals.

7:30 AM to 8:45 AM. Temp. 70° to 75° F. Wind SW, 0 to 5 mph. AM cloudy. Regular observers: 1 in field in 1 party. Total regular party-hours: 1.25; total regular party-miles: 2; 1.25 hours and 2 miles on foot. Totals: 1.25 party-hours; 2 party-miles; 1 participant.

Lexington County's 27 species were found on a morning walk by a single participant. There were no exciting rarities or high counts.

Coordinator: Jerry Griggs, 1813 Highbrook, Columbia, SC 29212. Participant: Jerry Griggs.

NWBY - Newberry County, SC. (Piedmont)

Total: 42 species; 150 individuals.

1:00 PM to 4:00 PM. Temp. 70° to 75° F. PM partly cloudy. Regular observers: 3 in field in 1 party. Total regular party-hours: 3; total regular party-miles: 5.5; 2.25 hours and 1.5 miles on foot; 0.75 hours and 4 miles by car. Totals: 3 party-hours; 5.5 party-miles; 3 participants.

Newberry County's count was just three hours by a single party (who had spent the morning in neighboring Fairfield County). The emphasis was on migrant warblers. Counters found 13 species, including two exclusives -- Golden-winged Warbler and Blackpoll Warbler.

Coordinator: Tim Kalbach, 3113 River Drive, Columbia, SC 29201. Participants: Tim Kalbach, Nancy Lyman, Gary Sowell.

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

Total: 90 species; 1844 individuals.

7:30 AM to 9:00 PM. Temp. 76° F to 85° F. AM cloudy; PM partly cloudy. Regular observers: 2 in field in 1 party. Total regular party-hours: 12; total regular party-miles: 151; 4 hours and 2 miles on foot; 8 hours and 149 miles by car. Owling observers: 2 in 1 party; owling party-hours: 1.5; owling party-miles: 24. Totals: 13.5 party-hours; 175 party-miles; 2 participants.

In Orangeburg County a good single-party count turned up 4 exclusives, 3 of which were found at the Orangeburg sod farms (American Golden-Plover, Upland Sandpiper, and Horned Lark). Other good finds were an exclusive Yellow-bellied Flycatcher and four species of doves (Rock Dove, Mourning Dove, Eurasian Collared-Dove, and Common Ground-Dove).

Coordinator: Robin Carter, 4165 East Buchanan Drive, Columbia, SC 29206. Participants: Robin Carter and Caroline Eastman.

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

Total: 32 species; 224 individuals.

7:30 AM to 10:45 PM. Regular observers: 1 in field in 1 party. Total regular party-hours: 3.25; total regular party-miles: 46; 2.25 hours and 3 miles on foot; 1 hour and 43 miles by car. Totals: 3.25 party-hours; 46 party-miles; 1 participant.

Richland County was represented by a single observer's count, with no unusual species found and no high counts of individuals.

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

SPTB - Spartanburg County, SC. (Piedmont)

Total: 90 species; 4461 individuals.

Temp. 60° to 81° F. Wind NE to SE, 7 to 12 mph. AM partly cloudy; PM partly cloudy. Regular observers: 21 in field in 10 parties. Total regular party-hours: 43.05; total regular party-miles: 250.5; 25.25 hours and 22.5 miles on foot; 14.8 hours and 220 miles by car; 3 hours and 8 miles by boat. Feeders: 26 observers, 19 feeding stations, 40 hours watching feeders. Totals: 83.05 party-hours; 250.5 party-miles; 45 participants.

As usual the Spartanburg County count was very well organized and produced a number of interesting records, including 4 exclusive species -- Red-breasted Nuthatch, Nashville Warbler (a species rarely found anywhere in the state), Orchard Oriole, and Purple Finch. Also remarkable was a count of 60 Ruby-throated Hummingbirds.

Coordinator: Lyle Campbell, 126 Greengate Lane, Spartanburg, SC 29307. Participants: Beth Bartel, Susan Bennett, Tim Brown, Lyle Campbell, Sarah Campbell, Marion Clark, Dan Codespoti, G.R. Davis, Dick Deahl, Linda Deahl, John Derrick, Juli Derrick, Stan Easley, Sam Floyd, Pat Fowler, Ray Fowler, Dennis Funk, Onoosh Gahaghan, Ron Gahaghan, Robin Gilman, Teresa Glen, John Green, Alice Henderson, Don Henderson, Gladys Henry, J.B. Hines, Myra Hines, Marilyn Hubbell, Jack Jennings, Joel Jones, Micky Marotte, Mary Ann Meyers, Jim Miller, Margaret Miller, Bill Moody, Ken Pearson, Lisa Pearson,

Bob Powell, Sandra Powell, Virginia Scott, Walton Scott, Mac Shealy, Dick Thorpe, Lois Thorpe, Gerald Thurmond.

UNIN - Union County, SC. (Piedmont)

Total: 49 species; 862 individuals.

7:00 AM to 7:30 PM. Temp. 69° to 84° F. Wind calm. AM cloudy; PM partly cloudy. Regular observers: 2 in field in 1 party. Total regular party-hours: 12.5; total regular party-miles: 159; 1 hour and 1 mile on foot; 11.5 hours and 158 miles by car. Totals: 12.5 party-hours; 159 party-miles; 2 participants.

Union County was represented by a respectable single party count, which found fair numbers of the expected species, including a somewhat early Ruby-crowned Kinglet. There were no true rarities, and no exclusive species found.

Coordinator: Evelyn D. Richbourg, 208 Spruce Street, Union, SC 29379.
Participants: Sally Parker and Evelyn Richbourg.

Summary of Fall 1998 NAMC in South Carolina

State-wide Total: 202 species, 32,041 individuals.

Observers: 104 in 50 parties; Party-hours: 156.25 hours on foot, 93.8 hours by car, 7 hours by boat, 1 hour by bicycle. Party-miles: 136 miles on foot, 1737.75 miles by car, 48 miles by boat, 1 mile by bicycle. Feeder watch: 58 hours by 32 watchers at 25 feeding stations. Stationary: 6.2 hours by 6 observers at 1 station. Owling: 8.5 hours and 35 miles by 7 observers in 6 parties.

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	AIKN	CHSTN	CHKE	CHSTR	CLTN	FFLD	GTWN	GRVL	JSPR	LXTN	NWBY	ORBG	RCHL	SPTB	UNIN	TOTAL	No. Counties	
	FL	C	P	P	C	P	C	M	C	FL	P	ICP	FL	P	P			
Pied-billed Grebe	2	31			3	60		5	24				1		3	129	8	
Brown Pelican		395				16		21								432	3	
Double-crested Cormorant	2	16		1	3			18	3						5	48	7	
Anhinga	3	79			2			1	9				11			105	6	
American Bittern								1								1	1	
Great Blue Heron	13	44	1	5	7	3	2		26				2	2	32	137	11	
Great Egret	12	276		6	28	2	25		42	10			7	19	14	442	12	
Snowy Egret		264			19			5	41							329	4	
Little Blue Heron	5	168		4		2	3		19							201	6	
Tricolored Heron		60			5			5	61							131	4	
Cattle Egret	18	73			8				80				342			521	5	
Green Heron	4	19		1				3	6						7	40	6	
Black-crowned Night-Heron		6							1							7	2	
Yellow-crowned Night-Heron		5			1			1					2			9	4	
White Ibis	1	114						6	205							326	4	
Glossy Ibis		7						1	4							12	3	
Wood Stork		37			10			5	1							53	4	
Black Vulture	10	46	3	21	25	14	4	3				4	3		14	3	150	12
Turkey Vulture	14	95	1	63	75	14	15	5	1			2	15		35	45	380	13
Canada Goose	13	11	40	14		26									363	23	490	7
Wood Duck	62	191		4	12	4			21				2	9		5	310	9
American Black Duck									12								12	1
Mallard	4	70		2					21				11	2	186	2	298	8
Mottled Duck		11			10				10								31	3
Blue-winged Teal		184			55	1	9		14				8				271	6
Northern Shoveler									2								2	1
Green-winged Teal									24								24	1
Osprey	1	48		3	4	1	5						3		2		67	8
Mississippi Kite	2																2	1
Bald Eagle	2	11		1	1	1											16	5
Northern Harrier		2						1	3				4				10	4
Sharp-shinned Hawk		3							4				1		2		10	4
Cooper's Hawk	1		1					1									4	4
Red-shouldered Hawk	18	12	1			2	1			1			1		1		37	8
Broad-winged Hawk		2							1244			1					1247	3
Red-tailed Hawk	5	5	1	1	2	3	2	2				2	3		16		44	12
buteo sp.																	1	1
American Kestrel	12	12		2		2			2				1	1	5	3	40	9
Merlin		4			1				2								7	3
Peregrine Falcon	1	2															3	2
Wild Turkey	28	2				6			3						40	17	96	6
Northern Bobwhite		1				1	49								2		53	4
Clapper Rail		18						1									19	2
King Rail					1												1	1
Virginia Rail		1															1	1

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	AIKN	CHSTN	CHKE	CHSTR	CLTN	FFLD	GTWN	GRVL	JSPR	LXTN	NWBV	ORBG	RCHL	SPTB	UNIN	TOTAL	No. Counties
	FL	C	P	P	C	P	C	M	C	FL	P	ICP	FL	P	P		
Purple Gallinule									1							1	1
Common Moorhen		42			6				3			27				78	4
American Coot		20							2			1				23	3
Black-bellied Plover		72						5	2							79	3
American Golden-Plover												5				5	1
Semipalmated Plover		94			8			5	1							107	3
Piping Plover																1	1
Killdeer	37	13	7	5	1	2	14		6			78		37	14	214	11
American Oystercatcher		106					3									109	2
American Avocet		2							163							165	2
Greater Yellowlegs	2	11							49							62	3
Lesser Yellowlegs	5	3							106							114	3
Willet		12			2			4								18	3
Spotted Sandpiper	2	8		1			3		2							16	5
Upland Sandpiper												1				1	1
Marbled Godwit		7														7	1
Ruddy Turnstone		20			6			5								31	3
Sanderling		145			10		24									179	3
Semipalmated Sandpiper							1									1	1
Western Sandpiper	5	42			2		38					4				91	5
Least Sandpiper	61	40			10				12			15				138	5
White-rumped Sandpiper								1				1				2	2
peep sp.		39							200							239	2
Pectoral Sandpiper	11											19				30	2
Dunlin		106							31							137	2
Buff-breasted Sandpiper									1			1				2	2
Short-billed Dowitcher		3						1				1				5	3
dowitcher sp.									105							105	1
Common Snipe	1											1				2	2
American Woodcock		1														1	1
Laughing Gull		754			45		15		11							825	4
Ring-billed Gull		63			6		25									94	3
Herring Gull		100			2		2									104	3
Caspian Tern		36			2		14									52	3
Royal Tern		65			1		152		18							236	4
Sandwich Tern		15														15	1
Common Tern		161					2									163	2
Forster's Tern		18			12		2		16							48	4
sterna sp.								100								100	1
Least Tern								7								7	1
Black Tern					3				7							10	2
Black Skimmer		378						10								388	2
Rock Dove	22	192			35	6						37	30	273	20	615	8
Eurasian Collared-Dove		3			35							3				41	3
Mourning Dove	230	249	29	64	12	17	38		29	13		235	55	248	78	1297	13
Common Ground Dove		2			1							7				10	3
Yellow-billed Cuckoo	5	14	2	1		2						1		2		27	7
Barn Owl		2			2											4	2
Eastern Screech-Owl	10	8			3	3					3	1		5		33	7

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	AKN	CHSTN	CHKE	CHSTR	CLTN	FFLD	GTWN	GRVL	JSPR	LXTN	NWBY	ORBG	RCHL	SPTB	UNIN	TOTAL	No. Counties	
	FL	C	P	P	C	P	C	M	C	FL	P	ICP	FL	P	P			
Great Horned Owl	8	26				1			2					1		38	5	
Barred Owl	2	9				4	1							3		21	6	
Common Nighthawk	1	1	8	2					2							14	5	
Chuck-will's-widow		4														4	1	
Whip-poor-will	1	1												3		11	4	
Chimney Swift	191	592	25	10		22	5	35		6	2	8	5	88	28	1017	13	
Ruby-throated Hummingbird	20	20	6		1	11	1	5			1	7		60	4	136	11	
Belted Kingfisher	9	37		3	3	2	5		2			3	2	26	3	95	11	
Red-headed Woodpecker	21	38	1			6		3					1	3	4	77	8	
Red-bellied Woodpecker	41	75	7	2	6	5	10		2	3	1	11	1	27	14	206	14	
Yellow-bellied Sapsucker	1						1									2	2	
Downy Woodpecker	27	39	1	3	3	5	5					3	6	18	18	128	11	
Hairy Woodpecker		1		1		2	1					1				6	5	
Red-cockaded Woodpecker		9					1									10	2	
Northern Flicker	8	13	5	1		4				1		6		3	3	44	9	
Pileated Woodpecker	12	35	1	2	1	4	6	1				2	2	6	1	73	12	
Eastern Wood-Pewee	41	20	1	1	1	6	2	3		3	9	9		6		102	12	
Yellow-bellied Flycatcher												1				1	1	
Acadian Flycatcher	1	1		1										1		4	4	
Wilow Flycatcher			3													3	1	
Least Flycatcher							1							1		2	2	
Empidonax sp.		1										1				2	2	
Eastern Phoebe	6	1	7	1		3				2				24	3	47	8	
Great Crested Flycatcher	2	7	1			2	1				1	1				15	7	
Eastern Kingbird	11	26					1							4		42	4	
Loggerhead Shrike	11	10		1								7	2			31	5	
White-eyed Vireo	62	100			1	14	14				2	6			2	201	8	
Yellow-throated Vireo	9	1				1				1	3			2		17	6	
Blue-headed Vireo							1									3	2	
Red-eyed Vireo	20	448	1	1	35	4	10				7	3	2	6	1	538	12	
Blue Jay	200	143	50	42	25	14	15	1	1	5	1	63	14	217	57	848	15	
American Crow	219	119	56	55	30	16	19		8	12	10	20	10	239	47	860	14	
Fish Crow	6	218	3	5	6	3			3			12				256	8	
crow sp.	98	75			25							5				203	4	
Common Raven									10							10	1	
Horned Lark													4			4	1	
Purple Martin	2	1					7									10	3	
Tree Swallow	4	564			75		250					20				913	5	
Northern Rough-winged Swa	339	200			12							93				644	4	
Bank Swallow	1			1								2				4	3	
Cliff Swallow	3													3		6	2	
Barn Swallow	43	105			23		30		18			36		7		262	7	
Carolina Chickadee	130	180	14	14	12	44	22			5	12	29	10	129	18	619	13	
Tufted Titmouse	133	142	4	6	12	27	19				5	24	5	94	12	483	12	
Red-breasted Nuthatch														3		3	1	
White-breasted Nuthatch	39	4	1				4						1	8		57	6	
Brown-headed Nuthatch	80	33		2		10	8					7	5	2	26	8	181	10
Carolina Wren	145	92	24	8	15	20	3		2	6	6	11	33	3	60	29	457	15
House Wren	1	5				1	1							1		9	5	

1998 Fall Migration Day
In South Carolina

	AIKN	CHSTN	CHKE	CHSTR	CLTN	FFLD	GTWN	GRVL	JSPR	LXTN	NWBV	ORBG	RCHL	SPTB	UNIN	TOTAL	No.
	FL	C	P	P	C	P	C	M	C	FL	P	ICP	FL	P	P		Counties
Marsh Wren		11														12	2
Golden-crowned Kinglet		3			1											3	1
Ruby-crowned Kinglet	1						4								1	6	3
Blue-gray Gnatcatcher	24	9	2		4	5	1		1		2	1		4	1	54	11
Eastern Bluebird	64	33	8	8	15	21	7			3	2	37		239	85	522	12
Veery	1	9	1			4						1				16	5
Gray-cheeked Thrush		6				3										9	2
Swainson's Thrush					1	13				2						16	3
Hermit Thrush	2					1										3	2
Wood Thrush	2	11				6						1		2	1	23	6
American Robin	179	26	80	2		1						26		237	5	556	8
Gray Catbird	15	6	5			4	1			3		1		5		40	8
Northern Mockingbird	76	196	29	7	23	23	10		6	12		54	10	56	40	542	13
Brown Thrasher	15	41	7	4		3	3		2	7		3		30	2	117	11
European Starling	270	378	64	90	35	2	4					260	10	776	137	2026	11
Cedar Waxwing								15								15	1
Blue-winged Warbler	1															1	1
Golden-winged Warbler										1						1	1
Tennessee Warbler								1								1	1
Nashville Warbler																2	2
Northern Parula	15	3		1	1	5	1			4	11	1		1	2	44	10
Yellow Warbler		7														7	1
Chestnut-sided Warbler	6					8				6				7		27	4
Magnolia Warbler	4		2	1		5	1			7	4	2	1	7		34	10
Cape May Warbler		3														3	1
Black-throated Blue Warbler		7														7	1
Yellow-rumped Warbler				20			2							7		29	3
Black-throated Green Warbler						1				1						2	2
Blackburnian Warbler	1	3	2							1						7	4
Yellow-throated Warbler	4						1					1				7	4
Pine Warbler	145	105	1	4	10	14	9			1	9	5	3	17	18	341	13
Prairie Warbler	1	1			8		3									13	4
Palm Warbler	24	102			6	2	12	1	4			1		5	1	158	10
Blackpoll Warbler																1	1
Black-and-white Warbler	9	5	1	1	1	2		1		3	1	2	1	6		33	12
American Redstart	28	34	3	7	12	3	8		2		10	17	6	9		139	12
Prothonotary Warbler		2		1								1		1		5	4
Worm-eating Warbler	1			1								2				4	3
Ovenbird	1					3				1						5	3
Northern Waterthrush	1	10				1			1					1		14	5
Louisiana Waterthrush				1									1			2	2
Kentucky Warbler		1														1	1
Common Yellowthroat	6	139	2		10	19	4			4	1	9		6		200	10
Hooded Warbler	6	1						1			1					9	4
Yellow-breasted Chat		1				1										2	2
Summer Tanager	22	15	3		3	7	3			1	4	8	2	6	2	76	12
Scarlet Tanager	4				3			2						2		11	4
Eastern Towhee	47	51	6	2	6	10	5	2	2	1	3	18		22	3	178	14
Bachman's Sparrow		3														3	1

1998 Fall Migration Day In South Carolina	AIKN	CHSTN	CHKE	CHSTR	CLTN	FFLD	GTWN	GRVL	JSPR	LXTN	NWBY	ORBG	RCHL	SPTB	UNIN	TOTAL	No. Counties
	FL	C	P	P	C	P	C	M	C	FL	P	ICP	FL	P	P		
Chipping Sparrow	9	10	10	12										37	22	100	6
Field Sparrow			24			3								13		40	3
Savannah Sparrow		6		6			3		1					1		17	5
Song Sparrow			2											2		4	2
Dark-eyed Junco								1								1	1
Northern Cardinal	235	347	16	18	20	30	16		2	6	4	75	10	123	56	958	14
Rose-breasted Grosbeak	1					2								1		6	4
Blue Grosbeak	-2	80				2						6	1	8	1	100	7
Indigo Bunting	22	26				49								4	3	104	5
Painted Bunting		25														25	1
Bobolink		117			6	2							1	60		186	5
Red-winged Blackbird	303	712			12		14		13					12		1066	6
Eastern Meadowlark			14	21									8	15		58	4
Rusty Blackbird		50														50	1
Common Grackle	19	548	120	100	10							8		261	2	1068	8
Boat-tailed Grackle		207			25		11		61							304	4
Brown-headed Cowbird	14	212			35					4						265	4
blackbird sp.	400															400	1
Orchard Oriole														1		1	1
Baltimore Oriole	2	4	4													10	3
Purple Finch														27		27	1
Purple Finch	201	123	1			11				13				35	2	386	7
House Finch	5	5	6			5		5						47	14	87	7
American Goldfinch	4	43	15	27	38	13							1	7	3	151	9
House Sparrow																	
Species	114	156	55	60	83	81	98	22	65	27	42	90	32	90	49	202	
Individuals	4764	12303	729	703	1118	630	1229	1347	1543	134	150	1844	224	4461	862	32041	
Observers	19	23	7	4	2	7	3	6	3	1	3	2	1	21	2	104	
Parties	8	11	5	3	1	2	2	1	2	1	1	1	1	10	1	50	
Hours Feeder Watch	3.5	14.5												40		58	
#Feeder Watchers	2	4												26		32	
#Feeder Stations	2	4												19		25	
Hours Stationary								6.2								6.2	
#Parties Stationary								1								1	
#Observers Stationary								6								6	
Hours Owling	2	2.5				2.5						1.5				8.5	
Miles Owling	9.5	1.5				0								24		35	
#parties owling	1	3				1						1				6	
#observers owling	1	3				1						2				7	