

1999 Spring North American Migration Count in South Carolina

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The Spring 1999 North American Migration Count was conducted on 8 May 1999. 185 observers in 16 counties divided into 98 parties in South Carolina found 40,732 individuals in 229 species on this relatively mild and pleasant day. Of this total, 30 species were "exclusives," found only in one county. The exclusives break down as follows:

Aiken: 1	Hampton: 1
Charleston: 7	Jasper: 4
Cherokee: 1	Lexington: 1
Colleton: 1	Oconee: 7
Georgetown: 3	Spartanburg: 4

Aiken County (Aike): 97 species, 1650 individuals. Reported temperatures: 59° F to 84° F.

Participants: Coordinator Anne Waters, 1621 Apple Valley Drive, Augusta, GA 30906. 706/793-2788. John Austin, Paula Austin, Carol Eldridge, Christine Huzella, Paul Koehler, Richard Lux, Sandra Johnson, Betsy Ristroph.

Aiken County's exclusive was a nice find – a Tennessee Warbler, not always easy to find in South Carolina, particularly during spring migration.

Calhoun County (Calh): 76 species, 3072 individuals. Reported temperatures: 60° F to 82° F.

Participants: Coordinator Robin Carter, 4165 E. Buchanan Drive, Columbia, SC 29206. 803/782-8820. Dennis Forsythe, Donna Forsythe, Jack Stewart, Lula Stewart.

Calhoun County turned in a remarkable count of 2000 Bobolinks and 2 Mottled Ducks, both good finds for this county.

Charleston County (Char): 179 species, 14917 individuals. Reported temperatures: 60° F to 87° F.

Participants: Coordinator Perry Nugent, 2260 Dallerton Circle, Charleston, SC 29414. 843/556-3841. Edward Conradi, Frank Clark, Dilys Clark, Janine Fanning, Sue Brownlee, Irvin Rosenfield, Bonnie Hartnet, Edward Crawford, Charles Walters, Carol Sloan, Joseph Stevenot, Martha Stevenot, Betty Zimmerman, Jack Clarksen, Ernie Prupis, Joan Hylander, Joan Cole, Ann Kent, Craig Watson, Ben Smith, Gifford Beaton, Van Atkins, Liz Smylie, Mrs. M. A. Aldenderfer, Jennifer Koches, Dr. Julian Harrison, Larry Hartis.

Among Charleston's exclusives were American Bittern, Merlin, Virginia Rail, White-rumped Sandpiper, Gull-billed Tern, and Seaside Sparrow.

Cherokee County (Cher): 91 species, 1490 individuals. Reported temperatures: 58° F to 77° F.

Participants: Coordinator Lyle Campbell, 126 Greengate Lane, Spartanburg, SC 29307. 864/585-1228. John Barry, Claude Cobb, Ken Garrett, Karla Lavender, Alan Rose, Marjorie Steadman, Vivian Vassy, Ed Wilde, Travis Childers.

Among the migrating warblers in Cherokee's totals were a Yellow Warbler, a Bay-breasted Warbler, and two Blackpoll Warblers.

Chester County (Ches): 67 species, 3117 individuals. Reported temperatures: 48° F to 73° F.

Participants: Coordinator Albert E. Conway, 1672 Deer Run Road, Catawba, SC 29704. 803/329-3759. Gail B. Ice, Faye Metzl.

Chester had an excellent count of Cliff Swallows, reporting 2800 individuals, as well as one of the few Sharp-shinned Hawks reported for this Spring Count.

Clarendon County (Clar): 71 species, 605 individuals. Reported temperatures: 68° F to 76° F.

Participants: Coordinator Tim Kalbach, 3113 River Drive, Columbia, SC 29201. 803/254-5187.

Melanie Kalbach, Gary Sowell, Nancy Lyman.

Clarendon reported two lingering Pied-billed Grebes and seven Caspian Terns, a good find for this inland county.

Fairfield County (Fair): 102 species, 731 individuals. Reported temperatures: 55° F to 82° F.

Participants: Coordinator Donna S. Bailey, 176 Raven's Place, Winnsboro, SC 29180. 803/635-7032. Buddy Bailey, Molly Bonnell, Kathleen O'Grady, Elise Schmidt.

Migrant warblers in Fairfield County included Swainson's Warbler (transient through Fairfield County and hard to find there) and Blackburnian Warbler.

Georgetown County (Geor): 118 species, 2323 individuals. Reported temperatures: 63° F to 86° F.

Participants: Coordinator Jack Peachey, 103 Walnut Circle, Conway, SC 29520. 843/347-5810. Davia Donmoyer, Charles Heacock, Barbara Maxwell, Bob Maxwell, Paul Rogers, Tonya Spires, Bengie Williams, Carol Williams, Patrick Williams.

Exclusives in Georgetown County included Purple Sandpiper, Sandwich Tern, and a well-described Warbling Vireo.

Hampton County (Hamp): 79 species, 774 individuals. Reported temperatures: 64° F to 87° F.

Participants: Coordinator Carroll Richard, P.O. Box 893, Hampton, SC 29924. 803/943-4661. Bob Richard.

Hampton county's exclusive was a lingering Lesser Scaup. Hampton County also reported excellent numbers of Bald Eagle (14) and White Ibis (118).

Jasper County (Jasp): 118 species, 6728 individuals. Reported temperatures: 70° F to 80° F.

Participants: Coordinator Patricia E. Metz, Parkway Business Center, Suite 1000, Business Center Drive, Savannah, GA 31405. 912/652-4415 ext. 103. Vic Carpenter, Libby Cluett, Mark Cluett, Les Davenport, Daoud Hinkle, Barry Lowes, Philomena Lowes, Alec McClelland, Carol McClelland, John Metz, Ray Porter, Lauree SanJuan, John Stafford.

Exclusive to Jasper County was American Avocet, Fulvous Whistling Duck, lingering Northern Shoveler, and Bonaparte's Gull.

Lexington County (Lexi): 85 species, 828 individuals. Reported temperatures: 60° F to 82° F.

Participants: Coordinator Molly Bonnell, 220 Cannon Trail Road, Lexington, SC 29072. 803/359-6280. Donna Bailey, Barbara Darden, Kathleen O'Grady.

Lexington's exclusive species was a late Yellow-bellied Sapsucker. Also reported from Lexington County was a well-described Palm Warbler.

Richland County (Rich): 108 species, 2494 individuals. Reported temperatures: 60° F to 82° F.

Participants: Coordinator Robin Carter, 4165 E. Buchanan Drive, Columbia, SC 29206. 803/788-8820. Steve Dennis, Caroline Eastman, Henry Fuseler, Heidi Hoerman, Tammy Sutherland.

Among the migrants reported from Richland County were Veery, Gray-cheeked Thrush, and Swainson's Thrush.

Spartanburg County (Spar): 134 species, 4124 individuals. Reported temperatures 60° F to 82° F.

Participants: Coordinator Lyle Campbell, 126 Greengate Lane, Spartanburg, SC 29307. 864/585-1228. John Allen, Robbie Allen, Barney Altman, John Barry, Susan Barry, Beth Bartel, David Campbell, Matthew Campbell, Sarah Campbell, Alan Chalmers, Edith Clark, Marion Clark, Dan Codispoti, Vince Connors, Linda Deahl, Dennis Funk, Pat Fowler, Roy Fowler, Robin Gillman, Teresa Glen, John Green, Conway Henderson, Gladys Henry, J. B. Hines, Myra Hines, Betty Howard, Marilyn Hubbell, Joel Jones, Micky Marotte, Jim Miller, Margaret Miller, Susan Monk, Bill Moody, Nora Moore, Mary Anne Myers, Gill Newberry, Ken Pearson, Lisa Pearson, Bob Powell, Sandra Powell, Hugh Pry, Janet Pry, Doug Raynor, Crystal Schirmer, Walton Scott, Jenny Scott, Mac Shealey, Tina Taylor, Gerald Thurmond, Chris Welch.

Spartanburg County had four exclusives – Red-breasted Nuthatch, Canada Warbler, Dickcissel, and White-crowned Sparrow.

Williamsburg County (Will): 78 species, 492 individuals. Reported temperatures: 60° F to 84° F.

Participants: Coordinator John Snow, Rt 1, Box 192, Hemingway, SC 29554. 843/558-5430. Paula Sutton, George Sutton, Joyce Braxton, Sarah Jo Freeman.

Among the good birds that Williamsburg County reported were Ruddy Duck and Swallow-tailed Kite.

North American Migration Count																		
South Carolina																		
8 May 1999	Aike	Calh	Char	Cher	Ches	Clar	Coll	Fair	Geor	Hamp	Jasp	Lexi	Ocon	Rich	Spar	Will	TOTAL Indiv	# Counties Report
Common Loon			2	1							1						4	3
Pied-billed Grebe			7	1		2							2		1		13	5
Northern Gannet			5						13								18	2
Brown Pelican			94				19		49		40						202	4
Double-crested Cormorant	2		96	2	4	4	9	9	31	2	23		3	6	13	33	202	12
Anhinga	11	1	60			11				6	54			1			133	6
American Bittern			6														6	1
Least Bittern			17			3					2						22	3
Great Blue Heron	8	5	43	6		8	2	1		9	13	5	5	15	18	1	130	12
Great Egret	5	1	485			9	10	13	16	5	175		1	1		4	716	10
Snowy Egret			175				7		11	2	115					6	310	5
Little Blue Heron	2		79				1		4	16	30			1		2	131	6
Tricolored Heron			97				8		5	2	47						159	5
Cattle Egret		7	40			1			8	8	89			4		40	157	7
Green Heron	5	2	78	4	1	5	6	1	5	3	14	2	3	3	3	2	130	14
Black-crowned Night-Heron			31								29						60	2
Yellow-crowned Night-Heron			11							1	36			12			60	4
White Ibis			47				16		60	118	103						344	5
Glossy Ibis			46								25						71	2
Wood Stork			8							9	41						58	3
Fulvous Whistling Duck											1						1	1
Canada Goose	37	2	12	29	6			3				2	65	53	83	4	255	9
Wood Duck	18		90		2	7		4	4	2		12	18	6	17	6	162	10
American Black Duck											21				4		25	2
Mottled Duck		2	17								7						26	3
Mallard	1		5		2			1		7	47	2	7	19	126		216	9
Blue-winged Teal			19								28		7				54	3
Northern Shoveler											1						1	1

8 May 1999	Aike	Calh	Char	Cher	Ches	Clar	Coll	Fair	Geor	Hamp	Jasp	Lexi	Ocon	Rich	Spar	Will	TOTAL Indiv	# Counties Report
Ring-necked Duck													1				1	1
Lesser Scaup										1							1	1
scaup sp.											10						10	1
Black Scoter			15								1						16	2
Hooded Merganser													5				5	1
Red-breasted Merganser							1		14								15	2
Ruddy Duck			1	2							14					1	17	3
Black Vulture	15	9	53	5	2	3	1	40	9	26	6		9	12	14	1	189	13
Turkey Vulture	15	23	117	9	7	18	3	35	13	27	66	17	33	13	51	9	432	14
Osprey			20	1		14	1	1	6	1	6			1	1		52	10
Swallow-tailed Kite			10								3					2	13	2
Mississippi Kite	15	16	33			2				3	8	12		6		1	80	7
Bald Eagle	2		4						2	14	2						22	4
Northern Harrier												1		1		2	4	3
Sharp-shinned Hawk	2				1							1			2		4	3
Cooper's Hawk			1	2											2		5	3
accipiter sp.													1				1	1
Red-shouldered Hawk	11	6	7					3	2	2	1	2	9	3	15	1	50	10
Broad-winged Hawk			3	1				4					3		5		16	5
Red-tailed Hawk	3	5	16	6	6	3		3	3	1	4	2	5	11	28	6	93	13
American Kestrel			3		1								6		2		12	4
Merlin			1														1	1
Ring-necked Pheasant				1													1	1
Wild Turkey	1		9					2	7	1		3	4		5	3	31	7
Northern Bobwhite	11	2	7	17		2		2	1	5	22	1		5	13	4	77	11
Clapper Rail			7				1		11			3					22	4
Virginia Rail			5														5	1
Sora			2												1		3	2
Purple Gallinule									1	1							2	2
Common Moorhen			57			4	1		1	5	37						105	6
American Coot			65			3			8		33		1		1		111	6

8 May 1999	Aike	Calh	Char	Cher	Ches	Ciar	Coll	Fair	Geor	Hamp	Jasp	Lexi	Ocon	Rich	Spar	Will	TOTAL Indiv	# Counties Report
Black-bellied Plover			39				26		60		60						185	4
Wilson's Plover									5		3						8	2
Semipalmated Plover	2		614				135		278		24						1051	4
Killdeer	7	3	51	14	2			4	3	1	10	2	21	13	27		151	12
American Oystercatcher			15				2		5								22	3
Black-necked Stilt			52						1		179						232	3
American Avocet											161						161	1
Greater Yellowlegs			48				1		5		35		3		1		93	6
Lesser Yellowlegs	2		69					3	1		77				1	1	151	5
Solitary Sandpiper			13	2	1		1				1		1		13		32	7
Willet			15				16		9		19						59	4
Spotted Sandpiper	15		34		3				7		29	1	4	2	23	12	103	8
Whimbrel			88				37		12								137	3
Marbled Godwit							10										10	1
Ruddy Turnstone			56				3		28								87	3
Red Knot			322						120								442	2
Sanderling			112				2		45								159	3
Semipalmated Sandpiper			112						6		55				3		176	4
Western Sandpiper	3		57						1		16						74	3
Least Sandpiper	89		80		4		7				62				2	1	155	5
White-rumped Sandpiper			1														1	1
peep sp.			25				140		6								171	3
Pectoral Sandpiper	4		1														1	1
Purple Sandpiper									1								1	1
Dunlin			64				166		155		20						405	4
Stilt Sandpiper			17								40						57	2
Short-billed Dowitcher			65				200		40		106						411	4
Common Snipe			1		1				1						2		5	4
Laughing Gull			746			3	54		51								854	4
Bonaparte's Gull											40						40	1
Ring-billed Gull			60				11		6		3	2	6	8	1		97	8

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Herring Gull			2				3	3	3		4						15	5
Gull-billed Tern			15														15	1
Caspian Tern			27			7	3		3		9						49	5
Royal Tern			19				6		14		3						42	4
Sandwich Tern									14								14	1
Common Tern			2														2	1
Forster's Tern			52				4	1	3		2						62	5
Least Tern			53				12		61		80						206	4
Black Skimmer			262				4				2						268	3
Rock Dove	15	6	118	3	2	5	2	8		8	16	25	9	92	50	3	344	13
Eurasian Collared Dove		1					4										5	2
Mourning Dove	44	39	140	65	12	18	2	31	68	29	46	23	70	122	240	35	905	14
Common Ground-Dove			6				1				2						9	3
Black-billed Cuckoo			7										1				8	2
Yellow-billed Cuckoo	23		62	2		8		5	6	1	2	10	3	16	1	3	116	11
Barn Owl			3		1												4	2
Eastern Screech-Owl			15	2								3		5	2		27	5
Great Horned Owl			1		1			2							1		5	4
Barred Owl	4	1	7		1			2	1			2	1	11	2	1	28	9
Common Nighthawk			6		3						10	2	1	7	4		33	7
Chuck-will's-widow	8		39	2	1			3	2			6	9	8	24	4	94	9
Whip-poor-will	2		2	1	1			2	4				20	4	16	1	50	8
Chimney Swift	40	21	365	23		3		12	18	11	7	22	37	70	129	8	718	12
Ruby-throated Hummingbird	3	4	14	2		1		5	1	3		14	5	3	11	2	63	11
Belted Kingfisher	3	1	9	2				2			2	4	6	6	5	1	37	9
Red-headed Woodpecker	9	7	15	1				3	6	7	4	4	2	15	2	1	66	11
Red-bellied Woodpecker	29	14	51	17	2	1		4	9	13	12	23	12	31	42	6	231	13
Yellow-bellied Sapsucker												1					1	1
Downy Woodpecker	2	4	14	6		2		6	5		1	10	2	5	12	2	67	11
Hairy Woodpecker			2					1							7		10	3
Red-cockaded Woodpecker			12						2	5							19	3

8 May 1999	Aike	Calh	Char	Cher	Ches	Clar	Coll	Fair	Geor	Hamp	Jasp	Lexi	Ocon	Rich	Spar	Will	TOTAL Indiv	# Counties Report
Northern Flicker	1		14	12		4		3	2			5	1	4	4		49	9
Pileated Woodpecker	10	4	34	4				3	2		2	7	9	12	6	3	83	10
Eastern Wood-Pewee	18	7	70	1	1	3		5	12			2	8	18	18	4	145	11
Acadian Flycatcher	10	9	33			3		4	7	1		5	3	17	2		84	10
Willow Flycatcher			1										2		2		5	3
Eastern Phoebe			1	23	2			4			1	3	30	1	44		109	9
Great Crested Flycatcher	16	53	409	6	3	14		7	18	7	4	11	11	31	8	7	582	13
Eastern Kingbird	67	50	121	26	2	22		9	1	33	17	14	25	32	66	9	418	13
Horned Lark														4	4		8	2
Purple Martin	14	88	116	19	22	6	20	4	6	44		1	20	20	50	5	416	13
Tree Swallow			2779		11	1		353	6	18			9	3	4	65	3184	9
Northern Rough-winged Swallow	4	13	32	1	2	1		13		2			19	7	10		100	10
Bank Swallow	3			3											1		4	2
Cliff Swallow			1		2800			32					6		274		3113	5
Barn Swallow	10	21	40	28	17	5	22	12	7	27	90	10	77	66	231	4	653	14
Blue Jay	23	38	103	41	5	9	2	7	12	11	21	13	24	41	98	6	425	14
American Crow	73	54	104	43	11	2		23	14	7	50	24	67	59	167	22	625	13
Fish Crow	34	8	18	1	3	15	1	10	5	9	78	4	15	21			188	13
crow sp.	64		82							24	8			39			153	4
Carolina Chickadee	31	4	130	13		6		16	11	5	4	23	33	37	64	2	346	12
Tufted Titmouse	55	26	172	21	3	3		17	16	2	5	32	28	60	75	3	460	13
Red-breasted Nuthatch															2		2	1
White-breasted Nuthatch	1		7						3	4			2	2	6		24	6
Brown-headed Nuthatch	13	2	14	2				6	5	6	1	8	11	40	7		102	11
Carolina Wren	34	38	125	23	3	14		3	13	2	13	34	24	72	68	6	432	13
House Wren			2					1					2		9		14	4
Sedge Wren													1				1	1
Marsh Wren			38				1				8						47	3
Golden-crowned Kinglet													4				4	1
Ruby-crowned Kinglet														3	1		4	2
Blue-gray Gnatcatcher	13	20	110	31		14	2	18	30	15	1	34	34	61	25	8	395	13

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Eastern Bluebird	19	21	32	41	5		3	8	19	23	2	12	48	24	102	10	340	13	
Veery				2				2						2	1		7	4	
Gray-cheeked Thrush								3						1			4	2	
Swainson's Thrush								7					2	2			11	3	
Wood Thrush	3	15	25	5		1		1	8			6	14	11	15		101	10	
American Robin	1	20	15	85	4			3	1			12	47	46	182	1	415	10	
Gray Catbird	4	2	8	5	2			1	4	1	2	7	7	8	22		69	12	
Northern Mockingbird	22	44	97	75	14	18	5	9	30	27	20	18	18	106	151	7	632	14	
Brown Thrasher	13	10	86	38	3	6		2	6	14	25	9	15	13	87	4	314	13	
American Pipit													15				15	1	
Cedar Waxwing			74	112				15			197	10	82	12	66	3	568	8	
Loggerhead Shrike	2	7	2		1	4			3	2				5	3	2	27	8	
European Starling	27	26	113	48	51	10	24	7	55	8	15	19	60	82		9	518	13	
White-eyed Vireo	22	23	138	2		5		9	10	2	8	9	4	27	4	1	241	12	
Blue-headed Vireo								1					1				2	2	
Yellow-throated Vireo	3		17	1		1		3		2			1	5	5		35	8	
Warbling Vireo									1								1	1	
Red-eyed Vireo	32	10	91	10		5		18	9	3	2	13	45	40	29		275	12	
Blue-winged Warbler													1				1	1	
Tennessee Warbler	1																1	1	
Northern Parula	33	12	119	20	2	1		16	25	4	1	9	25	35	2	3	271	13	
Yellow Warbler		3	5	1									2	1	3		15	6	
Chestnut-sided Warbler													1		1		2	2	
Magnolia Warbler				1					1								2	2	
Cape May Warbler		1	1	1									16		2		21	5	
Black-throated Blue Warbler		8	3			1						2	11	6	3	1	34	7	
Yellow-rumped Warbler			4	2				1				2	1	9	5	19	1	43	8
Black-throated Green Warbler			1		1				1				12		1		16	5	
Blackburnian Warbler								1					1				2	2	
Yellow-throated Warbler	3	2	67					7	10			2	2	14	13	3	120	9	
Pine Warbler	35	13	108	3	3	10		17	22	4	4	11	22	76	10	5	303	13	

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Prairie Warbler	7		17		1			7	17	2			10	2	12		68	8
Palm Warbler												1	2		1		4	3
Bay-breasted Warbler				1									1				2	2
Blackpoll Warbler				2		2							5	1	31		41	5
Black-and-white Warbler		2	2	1				3	1				5		5		19	7
American Redstart	6	10		12				4		1	2	6	13	6	11		65	9
Prothonotary Warbler	12	8	21			13		2	16	2	2	7	3	16		4	90	10
Worm-eating Warbler									1				4		1		6	3
Swainson's Warbler		7	4					1	1				2	4			19	6
Ovenbird		1	3					2				6	10	2	1	1	25	7
Northern Waterthrush				1				1					3	5	1		11	5
Louisiana Waterthrush	2							3				2	2	2			9	4
Kentucky Warbler	1	1	9					3				6	3	4	1	1	27	7
Common Yellowthroat	5	17	97	8	1	11	3	12	11	1	7	16	16	15	27		242	14
Hooded Warbler		8	14			1		2	4				26	6			61	7
Canada Warbler															1		1	1
Yellow-breasted Chat	12	17	16	7	5	6		8	4		6	6	11	2	8	3	96	12
Summer Tanager	33	11	91		2	9		7	7	1	1	4	3	19	11	5	166	12
Scarlet Tanager			5					1				2	18	1	10		37	6
Northern Cardinal	80	49	327	58	13	33	2	20	23	13	49	62	45	137	157	6	988	14
Rose-breasted Grosbeak								1				1	4		12		18	4
Blue Grosbeak	8	8	36	9	4	22		6	3	4	7	1	8	13	22	8	143	13
Indigo Bunting	83	36	55	12	1	20	2	25	15	4	6	5	58	22	77	14	338	14
Painted Bunting	4	4	103			26			1	2	32	1					169	7
Dickcissel															2		2	1
Eastern Towhee	26	15	85	28	1	9		5	10	3	7	11	7	19	26	2	226	13
Bachman's Sparrow	6		13						2	5							20	3
Chipping Sparrow	5	2	7	27	2			3				16	19	3	34	4	113	9
Field Sparrow	4	9	7	17	3			3					8	6	35		88	8
Savannah Sparrow	2			9	1						8		1		10		29	5
Grasshopper Sparrow				5	2								8		18		33	4

8 May 1999	Aike	Calh	Char	Cher	Ches	Clar	Coll	Fair	Geor	Hamp	Jasp	Lexi	Ocon	Rich	Spar	Will	TOTAL Indiv	# Counties Report
Seaside Sparrow			1														1	1
Song Sparrow				6									19		15		40	3
Swamp Sparrow			1								1				3		5	3
White-throated Sparrow			4												1	1	5	2
White-crowned Sparrow															1		1	1
Dark-eyed Junco													5				5	1
Bobolink	10	2000		3	10	10					480		1	167	69	14	2740	8
Red-winged Blackbird	76	25	1266	51	6	33	14	6	49	20	477	6	29	32	94	5	2108	14
Eastern Meadowlark	1	8		86	4	2		1				1	34	9	71	4	216	9
Boat-tailed Grackle			259				34		40		276						609	4
Common Grackle	28		551	88	15	23	12	13	13	44	2	21	32	98	138	6	1050	13
Brown-headed Cowbird	20		136	9	1	11	2	13	16	1		20	13	44	49	5	315	12
blackbird sp.				5											4		9	2
Orchard Oriole	5		63		1	41		6	9	15	22	2	6	8	5	8	178	11
Baltimore Oriole			1										4	1	1		7	4
House Finch	25		30	14	1			10	7	2		27	23	48	87	2	249	10
American Goldfinch	5		1	23				11	2			12	84	1	49	1	183	8
House Sparrow	2		34	29	5	2		5		4		2	26	41	38		186	10
sandpiper sp?											2430			3			2433	2
sparrow sp?											10						10	1
Species	97	76	179	91	68	71	57	102	118	79	118	85	128	108	134	78	228	
Individuals	1650	3072	14917	1490	3117	605	1087	731	2323	774	6728	828	1914	2494	4124	492	40732	
																		Totals
Observers	8	4	45	10	3	4	2	5	10	2	14	4	11	6	52	5		172
Parties	5	2	15	8	1	1	1	2	4	1	5	5	3	4	39	2		91
#Counties	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		15

8 May 1999	Aike	Calh	Char	Cher	Ches	Clar	Coll	Fair	Geor	Hamp	Jasp	Lexi	Ocon	Rich	Spar	Will	TOTAL Indiv	# Counties Report
Hours foot	20.8	6.5	43.75	8.5	11.8	4	1.5	8.5	16.8	7.5	10	9.5	9.75	23.5	53.3	12		226.75
Hours car	11	9.5	63.75	14.3	1.5	2	1.25	5	4.25	5	13.5	1.5	20	11.5	27	2		182
Hours boat	0	0	1		0	0	0	0	0	0	3.5	0	0	0	4.5	0		9
Hours canoe/kayak	0	0	0		0	0	0	0	0	0	0	0	0	0		0		0
Hours bike	0	0	2.5		0	0	0	0	0	0	0	0	0	0		0		2.5
Hours horseback	0	0	0		0	0	0	0	0	0	0	0	0	0		0		0
Hours other	0	0	8		0	0	0	0	0	0	0	0	0	0		0		8
Miles foot	12.8	3	7.25	10	7	5	1.5	3	7.25	5.1	1.5	6	7	12.5	44	5		125.1
Miles car	52.5	118	235	123	86	60	10	119	108	103	28	70	294	216	418	16		2003.5
Miles boat	0	0	4		0	0	0	0	0	0	18	0	0	0	11	0		33
Miles canoe/kayak	0	0	0		0	0	0	0	0	0	0	0	0	0		0		0
Miles bike	0	0	14		0	0	0	0	0	0	0	0	0	0		0		14
Miles horseback	0	0	0		0	0	0	0	0	0	0	0	0	0		0		0
Miles other	0	0	31.5		0	0	0	0	0	0	0	0	0	0		0		31.5
Hours Feeder Watch	0	0	0	8	0	0	0	0	0	0	0	3	0	0	31.5	0		42.5
#Feeder Watchers	0	0	0	3	0	0	0	0	0	0	0	3	0	0	20	0		26
#Feeder Stations	0	0	0	3	0	0	0	0	0	0	0	5	0	0	17	0		25
Hours Stationary	0	0	0		0	0	0	0	0	0	0	3	0	0		0		3
#Parties Stationary	0	0	0		0	0	0	0	0	0	0	2	0	0		0		2
#Observers Stationary	0	0	0		0	0	0	0	0	0	0	3	0	0		0		3
Hours Owling	1	0	2.5	1	1.5	0	0	2	0	0	0	0.5	0	2.5	4	1		15
Miles Owling	0.5	0	4	1	0	0	0	0	0	0	0	0	0	43	29.5	0		77.5
#parties owling	1	0	3	2	0	0	0	1	0	0	0	1	0	2	3	1		13
#observers owling	1	0	4	2	0	0	0	1	0	0	0	2	0	2	5	2		18

8 May 1999	Aike	Calh	Char	Cher	Ches	Clar	Coll	Fair	Geor	Hamp	Jasp	Lexi	Ocon	Rich	Spar	Will	TOTAL Indiv	# Counties Report
TEMPERATURE: PRE-DAWN	59	60		63	-	-		56		-				60	63	60		
DAWN	60	60	60	58	48	-	60	55	63	64			60	60	58	61		
AM	72	73	70	70	-	68	70	60	71	74	70			73	70	65		
NOON	78	-	82	73	-	72	82	79	82	84	75				73	80		
PM	84	82	87	77	73	76	87	82	86	87	80		82	82	77	84		
SUNSET	84	75	70	74	-	-	70	72		-	75			75	74	81		
NIGHT	77	60		66	-	-		68		-				60	66	76		
WIND: PRE-DAWN	6	5		7	-	-		0		-				5	7	0		
DAWN	5	5	0	8	10	-	0	0	15	0			0	5	8	5		
AM	6	5	12	10	-	-	12	5	15	0	15			5	10	7		
NOON	3	-	8	13	-	-	8	10	15	2	5				13	10		
PM	8	12	12	16	25	-	12	5	15	5	15		15	12	16	10		
SUNSET	7	0	7	9	-	-	7	0		-	15			0	9	7		
NIGHT	5	0		8	-	-		0		-				0	8	5		
%CLOUDS: PRE-DAWN	0	0		10	-	-		0		-				0	10	90		
DAWN	0	30	5	10	-	-	5	0	30	50			0	30	10	90		
AM	0	15	5	10	-	-	5	0	30	0	25			15	10	90		
NOON	10	-	10	10	-	-	10	0	60	0	25				10	60		
PM	30	0	20	10	-	-	20	10	60	20	25		30	0	10	60		
SUNSET	50	0	10	10	-	-	10	0		-	30			0	10	90		
NIGHT	50	0		10	-	-		0		-				0	10	90		
PRECIPITATION:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		