

Chapel Hill Bird Club Bulletin

Spring 2019 – Volume 46 number 8

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Upcoming meetings (2018-19)

Chapel Hill Bird Club membership meetings are held the fourth Monday of each month, September through May. (No meeting in December; May 2019 meeting on third Monday.) Refreshments are available at **7:15 pm**, meetings start at **7:30 pm**. **Location** is the Olin T. Binkley Baptist Church, corner of Highway 15-501 Bypass and Willow Drive, behind University Mall. **Address:** 1712 Willow Drive, Chapel Hill, NC 27514.

Members and guests are welcome to gather for dinner at the K & W Cafeteria (University Mall) at 6:00 pm before the meeting. Go to the back room of the cafeteria to join the group after making your dinner selection.

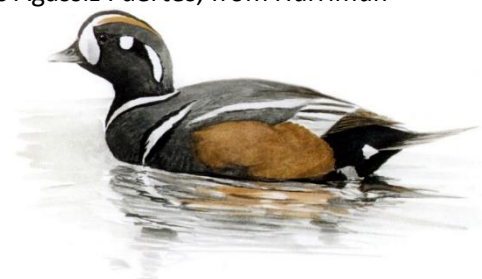
3/25/19

Mike Dunn — The Birds of Yellowstone

When you think of Yellowstone, most think of the unusual thermal features, the incredible scenery, and the abundance of charismatic megafauna like bison, grizzlies, and wolves. But Yellowstone is also home to an amazing variety of bird life. Almost 300 species have been recorded with about 150 species nesting in the park. Join naturalist Mike Dunn as he shares stories and photos of some of the birds observed on his many trips to America's first national park.

Mike Dunn is currently a natural science educator with the North Carolina Botanical Garden in Chapel Hill. He has worked with the state for 33 years helping people of all ages to understand and appreciate the natural world. He has designed and conducted hundreds of workshops on natural history throughout the state and beyond, on subjects ranging from wildlife to wildflowers. Yellowstone has always been one of his favorite places and has proven to be a great location to introduce people to the wonders of nature. You can peruse his blog about the natural world at <https://roadsendnaturalist.com/>

(Illustration of Steller's Jay by Allan Brooks, from Dawson's *Birds of California*, 1923. Harlequin Duck by Louis Agassiz Fuertes, from *Harriman Alaska Series*, 1904.)



04/22/19



Johnny Riley — Accommodating birds and birders at Cane Creek

Orange County's Water and Sewer Authority (OWASA) manages two reservoirs, University Lake and Cane Creek Reservoir, that have become recreational sites. Cane Creek Reservoir in particular has become a destination site for birders and Senior Lake Warden Johnny Riley takes pains to manage the site as an accommodating place for observing wildlife. Johnny will share with us how he and his crew achieve this and the measures they take to observe and monitor birds, including his own yearly project to band mourning doves.

Before accepting his position as Senior Lake Warden in May 2013, Johnny Riley worked as a wildlife biologist for the NC Wildlife Resources Commission. He was instrumental in opening Cane Creek during off-season months to birders for one morning a week.

5/20/19



Neville Handel — Managing Mason Farm

Mason Farm Biological Reserve, a 367-acre natural area owned and managed by the North Carolina Botanical Garden (NCBG), is a popular destination for birders in the Triangle Region. Maintaining it as a biological reserve supporting a wide range of habitats and high species diversity requires ecological knowledge, extensive planning, and a lot of labor. Neville Handel, Land Manager for the NCBG, oversees stewardship activities at Mason Farm and other NCBG-managed reserves (including the Parker Preserve and Penny's Bend Nature Preserve in Durham). In this talk, Neville will describe his work in both the field and the office and discuss the considerations and planning that guide management of the reserve.

Neville Handel has lived in North Carolina since 1999. He earned a Bachelor's Degree in Anthropology from Kenyon College and a Master's Degree in Ecology from UNC Chapel Hill. Before coming to the NCBG in late 2014, he worked with The Haw River Assembly and The Nature Conservancy's NC Sandhills Program.

Field trips (2018-19)

The Chapel Hill Bird Club conducts regular field trips during fall, winter, and spring, usually on Saturdays. The general schedule for field trips can be found at:

<http://chbc.carolinanature.com/fieldtrips.html>

Specifics for any given trip will be posted on the Carolinabirds e-mail list and the Chapel Hill Bird Club Facebook page one or two days beforehand. Specifics will include the destination, meeting details, need for special gear, lunch, etc. Most trips are to areas within 25 miles of Chapel Hill and finish by noon, but they may range further afield and return later. The field trip chair is open to suggestions for new locations. Birders of all skill levels are welcome on field trips.

2018 Chapel Hill (NC) Christmas Bird Count Summary

On the Sunday, 23 December 2018 Chapel Hill Christmas Bird Count, we had a nice day with some big surprises, including one species not recorded before in the 89-year history of the count! We got 91 species on count day, a bit above the average 88. The weather leading up to the count was wet but not too cold, so some areas, such as Mason Farm and parts of Jordan Lake, were inaccessible because of high water and we didn't get a lot of ducks from the frozen north. Count day weather was fair, though birds were relatively scarce. We counted only 10754 individual birds, the lowest in 22 years, barring the snowy 2010 count. This is nearly a third lower than the average count of 15217. Sparrows were in particularly short supply, with our lowest numbers since 1990. On a birds per party hour basis, it was an abysmal count, with 77 versus an average of 110, our lowest since 1996. Some spectacular rarities made up somewhat for the scarcity of birds overall.



This Yellow-throated Warbler appeared for several weeks at the Driscoll's suet feeder. Photograph by Barbara taken before the count, though it did put in an appearance on count day. Amazingly, they also had a Yellow-throated on the 2009 CBC. Coincidence or same bird??

New to the count this year was a White-eyed Vireo, found by Brian Bockhahn in a privet thicket at the dove fields north of Stagecoach Road. Brian managed to snap an identifiable shot of it with his iPhone, as he called it in to within 5 feet! Perhaps this was a long overdue first, as they are found in North Carolina every winter on the coastal counts. Another great find for the count was a Spotted Sandpiper at University Lake, found and photographed by Jan Hansen. This is a second for the count; our last one on the CBC was reported in 1960! A third for the count was the Great Egret found by Paul Taillie in a secluded wetland in the woods next to Little Creek, just upstream from the Pinehurst Drive golf course ponds. Derb Carter had some great finds near Maple View Farm: a Merlin, our 5th for the count, a Black-and-white Warbler (our 7th), and an Orange-crowned Warbler (our 8th). To complete the run, Tom and Barbara Driscoll had our 6th Yellow-throated Warbler in their yard, well photographed. Other goodies included 2 Northern

Shovelers (Bockhahn), 9 Bufflehead (Carter and the team of Shelley Theye and Jill Froning), a Northern Bobwhite, (Bockhahn), Common Yellowthroat (Haven and Minna Wiley). We usually miss both of these duck species; Bobwhite is our first since 2007, though they were seen almost every year through 1990.

We set just one record high: 48 Ruddy Ducks (average 20.7). Interestingly, we've broken the high count for Ruddies in each of the last three counts! Also in good numbers: Black Vultures (335 is our second highest), Red-breasted Nuthatch (47 is our third highest), Gray Catbird (4 is our second highest), and House Sparrow (54 is our highest since 2007). It was a good winter for Pine Siskins, though we had much higher counts in 2010, 2012, and 2014.

There were no big misses, but several species were remarkably scarce this year: Mallard (32, average 91, lowest since 1974), Hermit Thrush, American Pipit, Yellow-rumped (Myrtle) Warbler (127, average 327, lowest since 1989), Field Sparrow (25, average 94, lowest since 1962), Dark-eyed Junco (329, average 888, lowest since 1960), American Goldfinch (250, average 453, lowest since 1996).

Top honors for highest number of species this year go to Brian Bockhahn and Derb Carter, each of whom found 66 species, Derb at Dairyland Road, and Brian at Stagecoach Road. Will Cook's team tallied the greatest number of individual birds, with 1132, thanks to a nice flock of about 400 Common Grackles.

Weather: Temperature 29-57 F, wind from the south at 0-10 mph, fair, water open. Effort: 48 observers in 23 field parties, 139.4 party hours (125.2 by foot, 14.2 by car) and 195.2 party miles (94 by foot, 101.2 by car), 5.75 hours and 5.25 miles owling, 2 people and 15.9 hours watching feeders.

Full results at:

<http://chbc.carolinanature.com/chx2018.pdf>

Thanks to all the participants for your help!

—Will Cook, compiler



This Spotted Sandpiper was photographed by Jan Hansen at University Lake, for a second count record.

Jordan Lake CBC—2018 (follow-up)

The Ring-billed Gull story is fascinating (at least to this compiler). Since the opening of the South Wake County Landfill in 2008, a significant source of food for these consummate scavengers, the gulls have spent their days at the landfill and then fly to Jordan Lake to roost each night. They have typically gathered in numbers ranging from 30,000 to 45,000 gulls (with a high of 65,000 in 2011) in the deep part of the lake between Ebenezer and Vista Points. This year that roost was estimated at only about 2,000. That number is an order of magnitude less than what has become 'normal' for the lake in winter. I have gathered some information to make sense of what might be going on.



The total estimate for the entire count circle was 10,000 gulls. They were dispersed to various areas as follows: about 2,000 near Ebenezer Point, about 5,000 from Farrington south to White Oak Creek, and about 3,000 on Harris Lake. Brian Bockhahn reports that there were about 4,000 gulls on Falls Lake on January 4th. Roy Baldwin, the Solid Waste Facilities Manager for Wake County responded to my inquiry about the number of gulls at the landfill as follows: "We have just as many [gulls] as ever on our working face." When we did this same count on January 3, 2016, the lake level was 232 feet, or 16 feet above normal—2 feet higher than this year. That year, we estimated the Ebenezer roost at 30,000 gulls. Except for about 1,000 gulls near Farrington, there were no other significant concentrations elsewhere on the lake or at Harris Lake. If the total number of gulls at the landfill is essentially unchanged and the combined number of gulls at Jordan and Harris Lakes is significantly decreased, where are all those other gulls? If the lake level returns to normal next year, or even later this year while the gulls are still in the area, we might get more insight into possible explanations. Stay tuned.

—Norm Budnitz, compiler

Speakers/presenters for the 2019-2020 season

After two years, Maria will be stepping down as the Club's co-VP for programming in June 2019. If anyone would like to take on this role, please let Jim Capel or another Club officer know.

In the meantime, it would be helpful if readers could also pass on the names of people whom you would like to see make a presentation during the Club's next season. Alternatively, if there is a topic about which you would like more information, that could be passed on as well and efforts could be made to find a presenter with knowledge about that.

Welcome new members

- Gregory Allen (Chapel Hill)
- Carolyn McAllaster (Durham)
- Gail Boyarsky (Durham)
- Will Wyland (city unknown at present)



Note on artwork

Featured this issue are illustrations from *Onze vogels in huis en tuin* (Our birds in home and garden) by Dutch illustrator J. G. Keulemans (1842 – 1912). Famous for his scientific illustrations, this was apparently the only popular work he wrote on birds. Several North American species are illustrated, likely familiar to Keulemans from European aviaries. The illustrations show his usual technical skill, but the background plants appear to be generic or tropical, not North American.

Triangle Area (NC) 2019 Bird Count Schedule and Contacts

Spring counts

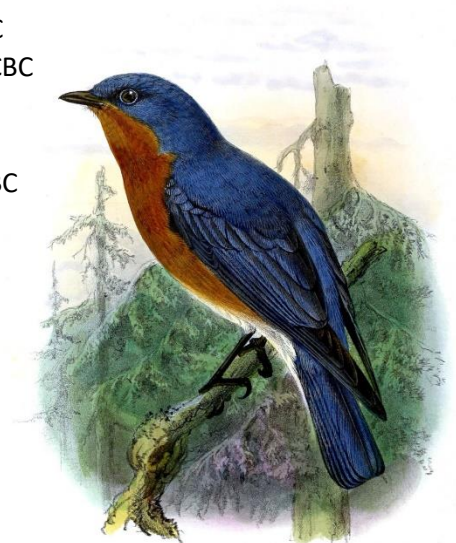
- 4/28/2019 - Durham Spring Bird Count
- 4/29/2019 - Falls Lake SBC
- 4/30/2019 - Kerr Lake SBC
- 5/5/2019 - Jordan Lake SBC
- 5/11/2019 - Wake County Spring Migration Count
- 5/12/2019 - Chapel Hill SBC

Christmas counts

- 12/14/2019 - Raleigh Christmas Bird Count
- 12/15/2019 - Durham CBC
- 12/22/2019 - Chapel Hill CBC
- 1/2/2020 - Kerr Lake CBC
- 1/3/2020 - Falls Lake CBC
- 1/5/2020 - Jordan Lake CBC

Fall counts

- 9/15/2019 - Chatham County Fall Migration Count
- 9/16/2019 - Falls Lake Fall Bird Count
- 9/17/2019 - Kerr Lake Fall Bird Count



Triangle Area (NC) 2019 Bird Count Schedule and Contacts (continued)

Chapel Hill

Spring - Sunday, 12 May 2019

Christmas - Sunday, 22 December 2019

Contact: Will Cook, cwcook@duke.edu, (919)949-3678

Chatham County

Fall - Sunday, 15 September 2019

Contact: Will Cook, cwcook@duke.edu, (919)949-3678

Durham

Spring - Sunday, 28 April 2019

Christmas - Sunday, 15 December 2019

Contacts: (Spring) Brian Bockhahn, birdranger248@gmail.com, (919)676-1027

(Christmas) Jeff Phippen, jeffhippen9@gmail.com, Jacob Socolar, jacob.socolar@gmail.com

Falls Lake

Spring - Monday, 29 April 2019

Fall - Monday, 16 September 2019

Christmas - Friday, 3 January 2020

Contact: Brian Bockhahn, birdranger248@gmail.com, (919)676-1027

Jordan Lake

Spring - Sunday, 5 May 2019

Christmas - Sunday, 5 January 2020

Contact: Norm Budnitz, nbudnitz@gmail.com, 919-383-0553

Kerr Lake

Spring - Tuesday, 30 April 2019

Fall - Tuesday, 17 September 2019

Christmas - Thursday, 2 January 2020

Contact: Brian Bockhahn, birdranger248@gmail.com, (919)676-1027

Raleigh/Wake County

Spring - Saturday, 11 May 2019

Christmas - Saturday, 14 December 2019

Contact: John Connors,

jconnorsbird@gmail.com, 919-755-0253 (h)



Officers of Chapel Hill Bird Club – 2018-19

Elected officers

President

Mary Kay Robinson
marykayrobinson47@gmail.com

Co-Vice President

Jim Capel
jim.capel@mindspring.com

Co-Vice President

Maria de Bruyn
maria_debruyn@yahoo.com

Treasurer

Patricia Bailey
pbailey_489@yahoo.com

Secretary

Karen Hogan
karenhogan@gmail.com

Appointed officers

Bulletin Editor

Patrick Coin
patrickcoin1@gmail.com

Webmaster
Bird count supervisor/compiler

Will Cook
cwcook@duke.edu

Field Trip Chair

Bob Rybczynski
rob.rybczy@gmail.com



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Volume 46 number 8 (Spring 2019)

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Editor

Patrick Coin
Durham NC
patrickcoin1@gmail.com



Editorial notes

Artwork in this issue is in the public domain—details available from editor for any particular work.

Newsletter will now be published quarterly (fall, winter, spring, summer). Next issue will be summer 2019. A new volume will start each fall, and individual issues will be numbered 1-4, starting each fall.

Document updated: 3/24/19

2018 Triangle Area Christmas Bird Counts

Species	12/15	12/16	12/30	1/4	12/23	— Chapel Hill Observer Party —																									
	Ral	Dur	JL	Falls	CH	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	
Canada Goose	1219	694	187	132	285	6							30	7					43	64	4	2	1		44	41	4	37		2	
Mute Swan	9																														
Wood Duck	36	108	17	5	13							1			1						1					9		1			
Gadwall	60	23	24	14																	5										
American Wigeon	25	10	5																												
American Black Duck	22		2																												
Mallard	602	241	162	22	32		3						5	3							5	2		8		2			4		
Northern Shoveler	49	9	6		2																	2									
Northern Pintail	7	4																													
Green-winged Teal	360	3	3																												
Canvasback			1																												
Ring-necked Duck	480	26	328		1	1																									
Greater Scaup			6																												
Lesser Scaup	12	3	8																												
Scaup, sp.			65																												
BLACK SCOTER	1																														
Bufflehead	53	22	46	3	9	3																	6								
Hooded Merganser	82	99	23	23	19	9						3	2								4					1					
Red-breasted Merganser	2		24	4																											
Ruddy Duck	229	62	1		48									6									42								
Northern Bobwhite					1																	1									
Wild Turkey		40	10																												
Common Loon			5																												
Pied-billed Grebe	21	10	47	37	4																		3		1						
Horned Grebe		2	131	2																											
Double-crested Cormorant	664	1497	1399	1516	212									120	1				32		37	12	1		3	4				2	
Great Blue Heron	43	45	47	38	23	1	1	1				1	1	2	1		1	1	1	2	1	1	1	1	1	4		2	1		
GREAT EGRET					1										1																
Black Vulture	16	132	84	17	335	22		1	2		16	2	6	2					2	23	1	2	120		14	11	11	75	25		
Turkey Vulture	45	138	117	58	131	15	3	10	3	1	4	5	3	3	1	1	6	1	2	6	5		5	2	5	14	14	5	17		
Bald Eagle 4 ad., 4 imm.	10	31	38	10	8									3	1					3		1									
Northern Harrier	2	4	1	1																											
Sharp-shinned Hawk		1	3	1	4	1							1							1										1	
Cooper's Hawk	7	5	4	1	5	1	1										1						1						1		
<i>Accipiter</i> sp.			1		1														1												
Red-shouldered Hawk	28	20	30	13	39	2	2		2	1	2	1	3	3	1	2	1		1	3	3	1	2	1			1	3	4		
Red-tailed Hawk	21	25	11	4	31	2		1	2		2	1		2	2		1		1	1		1	6	1	1	1	1		7		
American Coot	3		50																												
Killdeer	19	15	20	3	23	1						5	1						4		12										
Wilson's Snipe		1																													
American Woodcock	1	2	11	1	3								1								2										
SPOTTED SANDPIPER					1																						1				
LAUGHING GULL	1																														
Bonaparte's Gull		63	387	331	24																		20			4					
Ring-billed Gull	1031	3636	10000	4240	824	3								145			10			16	57	9			14	1	11	558			
Herring Gull	7	28	42	73																											
Lesser Black-backed Gull			2	1																											
Rock Pigeon	871	27	100	58	59	40								19																	
Mourning Dove	280	114	283	73	154	8	8	2		21	1		1	3					4	2	44	20	18	1		5		5	2	9	
Eastern Screech-Owl		1	3	5	7	3																1				2		1			
Great Horned Owl	2	5	4	1	5	2																2				1					
Barred Owl	3	3	3	3	7	1							1						1	1	2					1					
Hummingbird sp.	1																														
Belted Kingfisher	20	17	16	11	8		1				1	1	1									1		1				1			
Red-headed Woodpecker	10	66	73	26	65										15				1	3	10	16	8	8	1	1				2	
Red-bellied Woodpecker	138	158	242	53	254	8	8	3	6	2	8	11	10	36	7	1	23	3	20	15	12	6	11	6	9	9	15	6	4	15	
Yellow-bellied Sapsucker	45	43	47	31	69	2	2		1		4	6	3	7	1		5	1	4	6	4	2		1	1	4	2	4	3	6	
Downy Woodpecker	86	66	88	26	133	3	6		7	4	6	4	5	19		1	13	2	11	8	4	4	6	2	4	4	3	9	4	4	
Hairy Woodpecker	11	15	14	4	36	2	3		3		1	2	1	3			1		1	4	3	1	1			3		2	1	4	
N. (Yellow-shafted) Flicker	76	113	100	45	78	3	4	1		2	4	4	5	4	4		1		2	9	8	6	3	4	2	3	1	6		2	

2018 Triangle Area Christmas Bird Counts

Species	12/15	12/16	12/30	1/4	12/23	— Chapel Hill Observer Party —																									
	Ral	Dur	JL	Falls	CH	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	
Pileated Woodpecker	13	17	25	13	26	3	2		1		1	2		1					2		3	1	2		1	1		2	1	3	
American Kestrel	9	5	5	4	3	3																									
MERLIN	2		1		1	1																									
PEREGRINE FALCON	3																														
Eastern Phoebe	33	39	25	1	23	2			2						1						4	3	3	1	1	2	1		1	2	
Loggerhead Shrike																															
WHITE-EYED VIREO					1																	1									
Blue-headed Vireo	1		2		1																			1							
Blue Jay	201	257	341	90	278	17	16	9	10	4	15	6	6	27	2	1	14	1	14	24	18	6	9	5	3	21	14	13	4	19	
American Crow	253	269	455	214	246	43	11	8	10	1	7	12	13	16	1	3	2	3	14	8	8	6	14	2	3	16	11	15	2	17	
Fish Crow	1																														
Common Raven		2	1																												
HORNED LARK	3																														
Carolina Chickadee	216	246	252	107	408	15	11	3	37	6	16	11	17	62	13	2	41	2	14	21	13	8	12	7	1	19	23	15	15	24	
Tufted Titmouse	147	217	241	130	365	15	12	5	26	6	15	16	11	51	2	1	32	1	13	16	15	10	14	4	3	17	17	22	17	24	
Red-breasted Nuthatch	9	24	18	5	47	5				2	1	1		20					5	1			4	1	1	2	2			2	
White-breasted Nuthatch	68	60	51	21	113	10	4		6	1	10	2	4	19	1	1	7	2	5	5	2	3	5	2		2	3	5	4	10	
Brown-headed Nuthatch	65	59	100	41	141	6	5		18	2	2		4	20	1	1	10	2	8	7	1	6	2	6		5	17	6	2	10	
Brown Creeper	12	15	12	4	24	2	1		4	1	1	2		2	1		1		2	1	2	1			1		1			1	
Carolina Wren	215	173	226	70	404	8	9	1	29	2	20	4	16	45	8	1	44	3	20	26	11	10	17	9	8	18	36	16	18	25	
House Wren	1		2		4									1							1									2	
Winter Wren	7	32	10	2	29	2			3			2	1	1			1			8	3	1		2	2	1		1		1	
Golden-crowned Kinglet	93	144	106	59	115	4	3	1	15	1	3	13	3	8	2		1		5	8	11	13			5	6	9	2		2	
Ruby-crowned Kinglet	77	76	117	42	97	4	2	1	5	3	1	3	7	7	4	1	5	1	5	9	3	4	7	3	3	3	5	4		7	
Blue-gray Gnatcatcher	1																														
Eastern Bluebird	206	166	182	92	341	39	18	7	5	9	10	6	17	25	3	3	14	4	10	25	7	2	16	7		48	20	14	9	23	
Hermit Thrush	15	22	30	11	33	4			2			3	3				5		2	3	3	1	2			2	1		2		
American Robin	581	106	1993	871	638	2	29	4		11	2			7	36	26	1	193	1	6	5	5	10	24		2	63	29	11	11	160
Gray Catbird	2	1	2		4	1															2									1	
Northern Mockingbird	68	37	64	20	95	6		4	2	2	1	1	3	5	1	1	12		8	5	4		5		1	3	4	7	3	17	
Brown Thrasher	44	28	12	14	32	2	1	3	1	1		1	1	3			2		1	4	4	3	1			1	1	1		1	
European Starling	1131	161	327	605	349	25		2		8		10	20	18	1			3	8	45	39		60			82	26			2	
American Pipit	77	30			1	1																									
Cedar Waxwing	192	268	99	58	104	11		17		2				4	1	4	44				2					7				12	
Black-and-white Warbler		1			1	1																									
Orange-crowned Warbler					1	1																									
Common Yellowthroat		1	1		1																					1					
Palm Warbler	3	13																													
Pine Warbler	33	6	51	7	67	12	6			3		4		4				2	1	1	2	2	9			2	5	2	4	4	
Myrtle Warbler	122	59	36	11	127		1	3	3	6				6	2	1		2		8	7	1	1	10		4	9	4	22	37	
Yellow-throated Warbler					1									1																	
Eastern Towhee	94	170	126	56	124	3		2	5	3	4	4	6	15	3	1	6		7	11	12	4	3	6		6	5	6	10	2	
Chipping Sparrow	177	391	308	219	244	19	23	1		11	10		4	8		1	1		2	1	94		19			33			11	6	
Field Sparrow	115	39	18	18	25	2			1		2	1	2							2	4					10	1				
Savannah Sparrow	20	24		3	12	3															9										
Fox Sparrow	3	26	29	10	23				1		1	4	1	2						1	3	3				3	4				
Song Sparrow	375	545	134	114	265	26		5	17		12	5	8	1	4		4		5	39	48	10		6	36	11	3	14		11	
Swamp Sparrow	50	141	18	11	36	3			1				4		1				1	13	2	3			7	1					
White-throated Sparrow	636	778	466	333	814	23	15	7	26	7	48	23	19	33	25	2	62	1	15	137	115	20	12	4	9	48	43	53	33	34	
White-crowned Sparrow	3																														
Dark-eyed (Slt-col) Junco	139	176	413	337	329	22	3	5	4	11	12	15	41	26	11	1	13	1	25	1	2	12	12	10		23	29	7	27	16	
Northern Cardinal	386	282	407	152	499	21	17	10	19	16	36	10	17	32	12	3	33	4	23	28	28	10	12	2	3	28	50	28	31	26	
Red-winged Blackbird	479	261	3252	415	266						6		3		5				21	45	85	100						1			
Eastern Meadowlark	4	33	41	3	6	2																									
Rusty Blackbird	31	1	10	120	4																										
Common Grackle	37	875	1271	11	425	12								1		1				402			1			8					
Brown-headed Cowbird	379	31	71	40	52	31				1												20									
Baltimore Oriole	4																														
House Finch	95	46	63	18	145			6	5		11	3	3	6	3	1	16	2	11	6	14		5			3	2	20	9	19	
Purple Finch	7	8	14	10	16	4						2		3	2						2	1	1			1					
Pine Siskin	27	19	18	65	90				2	6				12	2	7		1	5	9	4	5				4	1			32	

2018 Triangle Area Christmas Bird Counts

Species	12/15	12/16	12/30	1/4	12/23	— Chapel Hill Observer Party —																								
	Ral	Dur	JL	Falls	CH	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
American Goldfinch	137	353	135	69	250	8	1		12	2	9	8	14	14	4	5	8	1	7	32	26	3	11			19	17	29	5	15
EVENING GROSBEAK		1																												
House Sparrow	10	14	14	37	54	1							10				7				2		10					12		12
TOTAL SPECIES 123	101	95	98	81	91	66	34	28	35	34	37	43	47	51	42	25	39	23	47	56	66	46	51	26	38	56	37	42	30	46
TOTAL INDIVIDUALS	13822	14375	25920	11419	10754	564	238	122	291	170	297	222	348	916	179	47	646	43	405	1132	858	376	549	96	214	636	457	1019	258	676
Number of Field Parties			23	11	23	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1
Number of Participants	70	28	59	23	48	1	2	2	1	1	2	2	3	3	1	0	1	0	2	2	1	1	2	2	2	1	1	2	2	12
Party Hours: Total	87.4	76.41	114.5	127.4	139.4	8.5	4	6.8	5.5	3	3.5	7	5.5	5.1	2.5	0	7.5	0	6.1	6	5	4	6.3	4.8	7	9.45	7.1	6	6.7	12
Party Hours: On Foot			91.25	43	125.2	7.5	4	6.3	5.5	3	2.5	6.5	5.5	4.5	2		7		5.8	6	4	4	1	4.8	7	7.75	5.8	6	6.7	12
Party Hours: By Car			19.27	13.8	14.2	1		0.5			1	0.5		0.6	0.5		0.5		0.3		1		5.3			1.7	1.3			
Party Hours: By Boat			4																											
Party Miles: Total			182.2	192.2	195.2	34	2	8.3	5	2	16	9.1	4	10.5	4	0	8	0	9.9	5	6	3.3	11	3.8	5	21.5	13	6	5	3
Party Miles: On Foot			70.35	31.55	94	2.5	2	6.5	5	2	3	6.8	4	4.5	1		8		3.6	5	3	3.3	1	3.8	5	4.5	5.5	6	5	3
Party Miles: By Car			106.8	78.95	101.2	31		1.8			13	2.3		6	3				6.3		3		10			17	7.8			
Party Miles: By Boat			5																											
Nocturnal Hours			2.75	3.25	5.75	2																1				1.75		1		
Nocturnal Miles			2.45	4.75	5.25	4																1				0		0.3		
Feeder Watchers				2	2												1		1											
Feeder Hours				2.25	15.9		2.5			2.4				3		2		1						2				1	2	

Ral: Raleigh count. Date: 12/15/18; compiler Brian O'Shea; 40-44 F, cloudy; light rain; water open

Dur: Durham count. Date: 12/16/18; compilers: Jeff Phippen, Michael Schultz, Jacob Socolar; 42-60 F; cloudy-clear; no precip, water open

CH: Chapel Hill count. Date: 12/23/18; compiler: Will Cook; 29-57 F; S 0-10 mph; fair, water open

Falls: Falls Lake count. Date: 1/4/19; compiler Brian Bockhahn; 49-51 F; cloudy; heavy rain; water open

Party	Areas	Party Members	Party	Areas	Party Members
1	1	Derb Carter	14	19,21	Steve Backus, Jordanna Burgess
2	2,7	Pam Timmons, Perry Haaland	15	20	Will Cook, Bill Ward
3	3,5	Richard Snow, Linda Robinson	16	22N	Brian Bockhahn
4	6	Jim Capel	17	22S	Roger Shaw
5	6-part	Maria de Bruyn	18	23, 25	Shelley Theye, Jill Froning
6	8	Bo Howes, Vern Bothwell	19	24 N	Edith Tatum, Peggy Maslow
7	9, 10	Norm Budnitz, Gene Kingsley	20	24 S	Haven & Minna Wiley
8	11, 12	Kent Fiala, David and Judy Smith	21	26, 27	Jan Hansen
9	13	Tom and Barbara Driscoll, Bo Howes	22	28, 29	Loren Hintz
10	14, 17	Paul Taillie	23	30	Nan Dewire, Patsy Bailey
11	14-yard	Jim & Mary George	24	31	Patricia & Tom Cummins
12	16	Andy Sullivan	25	32	Steven Graves, David Murdock, Margaret Scott, Margaret Wainwright, Candace Owens, Geraldine King, Peter & Toby Beckman
13	17-yard	Judy Murray			George Evans, Karen Monaco, Susan Gaca, Judith Ferster