

# **Tulsa Audubon Society**

## **2015 Annual Report**

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The information contained in this report was taken from the records of the Tulsa Audubon Society for the calendar year 2015. A summary containing all of the rare species reported is included.

The data is presented in two formats. One is a compilation of species reported by season. This is a listing of the first and last dates reported, the number of field reports per season, the number of individuals per season, the total number of reports, and the total number of individuals. The species are divided into five reporting seasons: Permanent, Summer, & Winter Residents and Spring & Fall Migrants. These time periods are based on the dates provided in the Oklahoma Ornithological Society's Date Guide to the Occurrences of Birds in Oklahoma, Sixth Edition.

The second is a graphical representation of the same data. It provides a percentage of the total count of a species reported for the year by the week reported. Each increment of each bar graph is equal to 1 to 10% of the total count. The seasons are color coded starting with January 1st at the left. This data is skewed towards two major reporting periods: the TAS Tulsa County Spring Bird Count and the National Audubon Society Christmas Bird Count. It should not be concluded that the abundance of these species peak at these times. This year's report also includes birds that were submitted directly to Cornell University's EBIRD database for the TAS reporting area.

This report also offers a brief comparison of the 2014 and 2015 records. There were 266 species totaling 423,383 individuals in 19,272 field reports in 2015. The 2014 data contained 268 species that totaled 278,427 individuals in 4,393 field reports. There were 20 species reported in 2014 that were not recorded in 2015 and 18 reported in 2015 that were not seen in 2014. The reporting area includes all of Tulsa County, all of Lake Keystone, and up to five miles into the bordering counties of Creek, Okmulgee, Osage, Pawnee, Rogers, Wagoner, and Washington.

## **Species Reported in 2014, but not in 2015**

Long-tailed Duck  
Virginia Rail  
Black-necked Stilt  
Marbled Godwit  
Sanderling  
Red Phalarope  
Parasitic Jaeger  
Sabine's Gull  
Little Gull  
Black-billed Cuckoo

Black-chinned Hummingbird  
Costa's Hummingbird  
Rufous Hummingbird  
Chihuahuan Raven  
Common Raven  
Sage Thrasher  
Ovenbird  
Lazuli Bunting  
Red Crossbill  
Lesser Goldfinch

## **Species Reported in 2015, but not in 2014**

Tundra Swan  
Surf Scoter  
Neotropic Cormorant  
Semipalmated Plover  
Western Sandpiper  
Short-billed Dowitcher  
Laughing Gull  
Iceland Gull  
Great Black-backed Gull

Long-eared Owl  
Eastern Whip-poor-will  
Anna's Hummingbird  
Crested Caracara  
Prairie Falcon  
Willow Flycatcher  
Red-breasted Nuthatch  
Veery  
Prairie Warbler

## Rare Species Reported to the Tulsa Audubon Society

<b>SPECIES</b>	<b>DATE</b>	<b>COUNT</b>	<b>PLACE</b>
Trumpeter Swan	01/06/15	4	Tulsa, Lafortune Park
Trumpeter Swan	01/08/15	8	Bixby, Mingo Rd btw 151st and 161st
Trumpeter Swan	01/09/15	2	Tulsa, Arkansas River @ S Quanah Ave
Trumpeter Swan	01/16/15	2	Tulsa, Mohawk Park golf course
Trumpeter Swan	02/21/15	1	Tulsa, Oxley Nature Center & Lake Yahola
Trumpeter Swan	04/11/15	1	Tulsa, Mohawk Park
Tundra Swan	01/08/15	1	Bixby, Mingo Rd btw 151st and 161st
Surf Scoter	01/31/15	1	Keystone Lake, Salt Creek Cove Recreation Area
Surf Scoter	11/25/15	1	Tulsa, Lynn Lane Reservoir
White-winged Scoter	11/25/15	1	Tulsa, Lynn Lane Reservoir
Barrow's Goldeneye	01/01/15	1	Tulsa, Lake Yahola
Western Grebe	11/27/15	1	Tulsa, Lynn Lane Reservoir
Neotropic Cormorant	03/21/15	3	Keystone Lake, Salt Creek Cove Recreation Area
Ferruginous Hawk	01/01/15	1	Bixby Sod Farms
Whimbrel	05/06/15	1	Bixby sod farms
Whimbrel	05/20/15	5	Tulsa, 56th St N sod farms
Whimbrel	05/24/15	2	Tulsa, 56th St N sod farms
Whimbrel	07/10/15	1	Bixby, Leonard, & Wagoner County sod farms
Common Tern	08/04/15	1	Tulsa, Lake Yahola
Laughing Gull	08/04/15	1	Tulsa, Lake Yahola
Thayer's Gull	02/06/15	1	Tulsa, Oxley Nature Center
Thayer's Gull	02/10/15	1	Tulsa, Lake Yahola
Iceland Gull	03/01/15	1	Tulsa, Lake Yahola
Lesser Black-backed Gull	01/01/15	1	Tulsa, Lake Yahola
Lesser Black-backed Gull	02/11/15	1	Tulsa, Lake Yahola
Lesser Black-backed Gull	02/25/15	3	Tulsa, Lake Yahola
Lesser Black-backed Gull	03/03/15	1	Tulsa, Lake Yahola
Lesser Black-backed Gull	11/26/15	1	Tulsa, Lake Yahola
Lesser Black-backed Gull	12/03/15	1	Tulsa, Lynn Lane Reservoir
Great Black-backed Gull	02/25/15	1	Tulsa, Lake Yahola
White-winged Dove	02/14/15	1	Tulsa, Tulsa Zoo
White-winged Dove	03/09/15	1	Tulsa, Thoreau Demonstration Academy
White-winged Dove	04/04/15	1	Tulsa, 74th St S & 111th E Ave
White-winged Dove	04/19/15	1	Tulsa, Vienna Woods neighborhood
White-winged Dove	05/17/15	1	Tulsa, Vienna Woods neighborhood
White-winged Dove	06/17/15	1	Prattville residence
White-winged Dove	06/27/15	1	Tulsa, Vienna Woods neighborhood
White-winged Dove	07/04/15	1	Tulsa, Vienna Woods neighborhood
White-winged Dove	07/11/15	1	Tulsa, Oxley Nature Center
White-winged Dove	08/12/15	1	Tulsa, Vienna Woods neighborhood
White-winged Dove	08/22/15	1	Tulsa, Lake Yahola
White-winged Dove	12/15/15	2	Turley area
Long-eared Owl	12/02/15	1	Jenks, Skyline Dr S of E 121th St
Anna's Hummingbird	10/06/15	1	Tulsa, residence NW of 11th & St Lious
Crested Caracara	04/27/15	1	Tulsa, Lake Yahola
Peregrine Falcon	02/05/15	1	S Tulsa residence
Peregrine Falcon	03/07/15	1	Tulsa, City of Faith Complex
Peregrine Falcon	04/29/15	1	Tulsa, Turkey Mountain Park
Peregrine Falcon	05/06/15	1	Bixby sod farms
Peregrine Falcon	08/23/15	2	Bixby sod farms
Peregrine Falcon	12/25/15	1	S Tulsa residence
Prairie Falcon	01/26/15	1	Tulsa, E 21st St & S 188th E Ave

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<b>SPECIES</b>	<b>DATE</b>	<b>COUNT</b>	<b>PLACE</b>
Veery	04/26/15	1	Tulsa, Mohawk Park
Blackburnian Warbler	05/06/15	2	S Tulsa residence
Blackburnian Warbler	05/06/15	1	Tulsa, River Parks Trail @ 31st St
Blackburnian Warbler	05/08/15	1	Tulsa, Oxley Nature Center
Blackburnian Warbler	05/09/15	1	Tulsa, Oxley Nature Center
Blackburnian Warbler	05/09/15	1	Tulsa, Oxley Nature Center
Blackburnian Warbler	05/09/15	1	Tulsa, Oxley Nature Center
Blackburnian Warbler	05/13/15	1	Tulsa, Turkey Mountain Park
Palm Warbler	04/17/15	2	Tulsa, Leake Park

### Species Count Reported by Season

#	SPECIES	AOU RANK	Fall Migrants				Winter Residents				Spring Migrants				Summer Residents				Permanent Residents				Total Field Reports	Total indv. Reported
			Start	End	#'s	Indv.	Start	End	#'s	Indv.	Start	End	#'s	Indv.	Start	End	#'s	Indv.	Start	End	#'s	Indv.		
1	Greater White-fronted Goose	14					11/8	3/27	11	99												11	99	
2	Snow Goose	18					11/24	4/17	20	1629												20	1629	
3	Ross's Goose	19					2/6	3/4	7	17												7	17	
4	Cackling Goose	22					12/3	4/5	37	224												37	224	
5	Canada Goose	23																1/1	12/31	439	12653	439	12653	
6	Trumpeter Swan	26					1/6	4/11	7	18												7	18	
7	Tundra Swan	27					1/8	1/8	1	1												1	1	
8	Wood Duck	32																1/1	12/22	44	187	44	187	
9	Gadwall	33																1/1	12/31	174	5559	174	5559	
10	American Wigeon	36																1/4	12/19	26	153	26	153	
11	Mallard	38																1/1	12/31	320	5807	320	5807	
12	Blue-winged Teal	43																3/7	12/19	85	1291	85	1291	
13	Northern Shoveler	45																1/1	12/22	100	1851	100	1851	
14	Northern Pintail	47					10/31	3/5	8	62												8	62	
15	Green-winged Teal	50					10/10	4/17	41	446												41	446	
16	Canvasback	51					10/10	3/19	22	306												22	306	
17	Redhead	52					10/15	5/2	27	375												27	375	
18	Ring-necked Duck	54					10/22	3/20	63	698												63	698	
19	Greater Scaup	56					11/14	3/17	12	223												12	223	
20	Lesser Scaup	57					10/31	5/2	74	1365												74	1365	
21	Surf Scoter	64					11/25	1/31	2	2												2	2	
22	White-winged Scoter	65					11/25	11/25	1	1												1	1	
23	Bufflehead	68					11/10	5/2	65	563												65	563	
24	Common Goldeneye	69					11/15	3/20	65	1113												65	1113	
25	Barrow's Goldeneye	70					1/1	1/1	1	1												1	1	
26	Hooded Merganser	72																1/1	12/19	45	520	45	520	
27	Common Merganser	73					11/8	3/8	31	143												31	143	
28	Red-breasted Merganser	74					11/8	5/2	37	1223												37	1223	
29	Ruddy Duck	76					10/24	4/4	19	182												19	182	
30	Northern Bobwhite	98																3/28	10/8	13	48	13	48	
31	Wild Turkey	133																1/25	5/12	7	24	7	24	
32	Common Loon	138					10/31	5/2	12	19												12	19	
33	Pied-billed Grebe	141																1/1	12/30	127	616	127	616	
34	Horned Grebe	143					9/24	3/28	31	219												31	219	
35	Eared Grebe	145	11/8	12/17	3	3					1/1	4/11	3	20								6	23	
36	Western Grebe	146					11/27	11/27	1	1												1	1	
37	Neotropic Cormorant	232												3/21	3/21	1	3					1	3	
38	Double-crested Cormorant	233																1/10	12/31	142	4266	142	4266	
39	American White Pelican	238																1/2	12/31	133	4994	133	4994	
40	American Bittern	241									4/21	5/3	6	8								6	8	
41	Great Blue Heron	248																1/1	12/31	348	1340	348	1340	
42	Great Egret	252																3/24	12/3	113	1237	113	1237	
43	Snowy Egret	257												4/9	10/10	21	75					21	75	
44	Little Blue Heron	258												4/22	9/27	8	13					8	13	
45	Cattle Egret	261												4/24	9/27	2	3					2	3	
46	Green Heron	263												4/17	10/3	48	64					48	64	
47	Black-crowned Night-Heron	267												3/31	9/20	7	19					7	19	
48	Yellow-crowned Night-Heron	268												3/29	9/8	26	45					26	45	
49	White-faced Ibis	273									5/16	5/17	2	2								2	2	
	Ibis sp.	275.5												9/19	9/19	1	1					1	1	
50	Black Vulture	278																2/6	12/31	37	119	37	119	

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			Start	End	#'s	Indv.	Start	End	#'s	Indv.	Start	End	#'s	Indv.	Start	End	#'s	Indv.	Start	End	#'s	Indv.		
51	Turkey Vulture	279												1/26	12/22	201	1314					201	1314	
52	Osprey	283	9/3	11/10	13	16							3/17	5/21	11	11							24	27
53	Mississippi Kite	292												4/16	10/6	83	171					83	171	
54	Bald Eagle	295																1/1	12/31	169	315	169	315	
55	Northern Harrier	299																1/1	12/22	28	88	28	88	
56	Sharp-shinned Hawk	305					10/10	4/30	28	34												28	34	
57	Cooper's Hawk	306																1/1	12/31	69	82	69	82	
	accipiter sp.	309.5																4/18	12/19	3	3	3	3	
58	Red-shouldered Hawk	322																1/1	12/31	144	230	144	230	
59	Broad-winged Hawk	324												4/27	9/19	13	17					13	17	
60	Swainson's Hawk	328												3/26	6/30	12	19					12	19	
61	Red-tailed Hawk	332																1/1	12/31	288	718	288	718	
62	Ferruginous Hawk	333					1/1	1/1	1	1												1	1	
63	Rough-legged Hawk	334					1/3	1/3	1	1												1	1	
64	Sora	359										5/8	5/8	2	2							2	2	
65	American Coot	372																1/1	12/30	115	1887	115	1887	
66	American Avocet	382	7/31	11/1	8	63						4/28	4/28	1	3							9	66	
67	Black-bellied Plover	388	9/5	9/5	1	4						5/9	5/24	5	15							6	19	
68	American Golden-Plover	390										3/19	5/7	4	22							4	22	
69	Semipalmated Plover	398	8/23	8/23	1	3						4/15	5/14	3	50							4	53	
70	Killdeer	401																1/1	12/31	242	1461	242	1461	
71	Spotted Sandpiper	408	7/18	12/19	14	23						4/16	5/30	28	129							42	152	
72	Solitary Sandpiper	410	7/10	9/14	9	18						4/5	5/12	7	7							16	25	
73	Greater Yellowlegs	414																1/1	10/10	20	75	20	75	
74	Willet	416	7/7	7/7	2	2						4/24	5/20	4	8							6	10	
75	Lesser Yellowlegs	417	7/10	9/8	5	40						4/9	5/17	8	34							13	74	
76	Upland Sandpiper	421															4/12	8/23	11	44		11	44	
77	Whimbrel	424										5/6	7/10	4	9							4	9	
78	Hudsonian Godwit	431										5/10	5/17	3	30							3	30	
79	Ruddy Turnstone	434										5/22	5/24	3	3							3	3	
80	Stilt Sandpiper	442	7/10	8/8	4	25						5/5	5/17	7	39							11	64	
81	Dunlin	449					5/10	5/10	1	1												1	1	
82	Baird's Sandpiper	452										4/28	5/17	7	36							7	36	
83	Least Sandpiper	454																1/11	12/19	20	154	20	154	
84	White-rumped Sandpiper	455										4/28	5/17	7	60							7	60	
85	Buff-breasted Sandpiper	456	9/8	9/8	1	1						4/28	5/6	2	2							3	3	
86	Pectoral Sandpiper	457	7/10	8/23	4	7						4/9	5/17	13	119							17	126	
87	Semipalmated Sandpiper	458	8/23	9/14	3	4						4/28	5/17	9	46							12	50	
88	Western Sandpiper	459	10/5	10/5	1	6						5/16	5/16	1	1							2	7	
89	Short-billed Dowitcher	460	7/18	7/18	1	2																1	2	
90	Wilson's Snipe	463					11/10	5/16	8	16												8	16	
91	American Woodcock	468																2/9	10/16	10	41	10	41	
92	Wilson's Phalarope	469										5/2	5/17	7	66							7	66	
93	Bonaparte's Gull	507					11/9	3/21	37	604												37	604	
94	Laughing Gull	513												8/4	8/4	1	1					1	1	
95	Franklin's Gull	514												3/3	12/19	27	2890					27	2890	
96	Ring-billed Gull	519																1/1	12/31	281	20009	281	20009	
97	Herring Gull	523					9/27	4/14	83	581												83	581	
98	Thayer's Gull	525					2/6	2/10	2	2												2	2	
99	Iceland Gull	526																3/1	3/1	1	1	1	1	
100	Lesser Black-backed Gull	527					11/26	3/3	6	8												6	8	

### Species Count Reported by Season

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			Start	End	#'s	Indv.	Start	End	#'s	Indv.	Start	End	#'s	Indv.	Start	End	#'s	Indv.	Start	End	#'s	Indv.		
101	Glaucous Gull	530					1/5	3/7	8	8												8	8	
102	Great Black-backed Gull	531																2/25	2/25	1	1	1	1	
	gull sp.	532.5																12/19	12/19	1	10	1	10	
103	Least Tern	542												5/10	8/8	17	44					17	44	
104	Caspian Tern	546	7/7	9/27	6	11					5/6	5/20	2	4								8	15	
105	Black Tern	548												5/14	9/27	16	444					16	444	
106	Common Tern	552	8/4	8/4	1	1																1	1	
107	Forster's Tern	554																4/12	10/10	13	168	13	168	
108	Rock Pigeon	561																1/1	12/31	207	4101	207	4101	
109	Eurasian Collared-Dove	576																1/2	12/31	77	251	77	251	
110	White-winged Dove	606																2/14	12/15	12	13	12	13	
111	Mourning Dove	609																1/1	12/30	520	2250	520	2250	
112	Yellow-billed Cuckoo	616												4/27	9/29	61	127					61	127	
113	Greater Roadrunner	631																3/28	9/29	3	3	3	3	
114	Barn Owl	636																9/17	12/25	2	2	2	2	
115	Eastern Screech-Owl	641																1/3	10/25	3	3	3	3	
116	Great Horned Owl	653																1/13	12/22	24	31	24	31	
117	Barred Owl	668																1/3	12/19	52	80	52	80	
118	Long-eared Owl	671					12/2	12/2	1	1												1	1	
119	Short-eared Owl	673					1/3	1/3	1	1												1	1	
120	Common Nighthawk	682												4/28	9/27	22	52					22	52	
121	Chuck-will's-widow	691												5/2	5/2	2	3					2	3	
122	Eastern Whip-poor-will	697												5/6	5/6	1	1					1	1	
123	Chimney Swift	715												4/9	10/13	87	482					87	482	
124	Ruby-throated Hummingbird	783												4/14	10/9	108	175					108	175	
125	Anna's Hummingbird	787																10/6	10/6	1	1	1	1	
126	Belted Kingfisher	885																1/2	12/25	117	161	117	161	
127	Red-headed Woodpecker	916																1/1	12/30	148	661	148	661	
128	Red-bellied Woodpecker	929																1/1	12/31	349	849	349	849	
129	Yellow-bellied Sapsucker	932					10/8	3/17	62	124												62	124	
130	Downy Woodpecker	939																1/1	12/31	455	964	455	964	
131	Hairy Woodpecker	941																1/1	12/31	77	142	77	142	
132	Northern Flicker	955																1/1	12/31	206	615	206	615	
133	Pileated Woodpecker	961																1/1	12/31	126	193	126	193	
134	Crested Caracara	971												4/27	4/27	1	1					1	1	
135	American Kestrel	976																1/1	12/24	112	263	112	263	
136	Merlin	978					11/9	3/31	9	9												9	9	
137	Peregrine Falcon	984	8/23	12/25	2	3					2/5	5/6	4	4								6	7	
138	Prairie Falcon	985					1/26	1/26	1	1												1	1	
	falcon sp.	985.5																	12/19	12/19	1	1	1	1
139	Olive-sided Flycatcher	1187	8/8	8/8	1	2					5/2	5/17	2	3								3	5	
140	Eastern Wood-Pewee	1192												5/2	9/20	48	79					48	79	
141	Yellow-bellied Flycatcher	1198	8/23	9/20	2	2					5/22	5/24	3	3								5	5	
142	Acadian Flycatcher	1199												5/6	7/19	13	23					13	23	
143	Alder Flycatcher	1200									5/7	5/25	8	16								8	16	
144	Willow Flycatcher	1201									5/13	5/13	1	1								1	1	
145	Least Flycatcher	1203	9/6	9/20	6	12					4/27	5/24	18	32								24	44	
146	Eastern Phoebe	1214																1/24	12/23	177	371	177	371	
147	Great Crested Flycatcher	1229												3/24	9/17	86	219					86	219	
148	Western Kingbird	1256												4/21	9/8	76	222					76	222	
149	Eastern Kingbird	1257												4/17	9/15	85	382					85	382	

### Species Count Reported by Season

#	SPECIES	AOU RANK	Fall Migrants				Winter Residents				Spring Migrants				Summer Residents				Permanent Residents				Total Field Reports	Total Indv. Reported	
			Start	End	#'s	Indv.	Start	End	#'s	Indv.	Start	End	#'s	Indv.	Start	End	#'s	Indv.	Start	End	#'s	Indv.			
150	Scissor-tailed Flycatcher	1261												4/2	10/24	171	800					171	800		
151	Loggerhead Shrike	1301																1/1	12/22	46	77	46	77		
152	White-eyed Vireo	1304												4/4	9/22	59	149					59	149		
153	Bell's Vireo	1313												4/29	8/25	26	71					26	71		
154	Yellow-throated Vireo	1318												4/17	9/8	12	19					12	19		
155	Blue-headed Vireo	1321	9/20	10/24	5	6							4/17	5/22	12	15							17	21	
156	Warbling Vireo	1325												3/31	9/22	44	82					44	82		
157	Philadelphia Vireo	1327	9/20	9/22	3	3							5/9	5/17	4	4							7	7	
158	Red-eyed Vireo	1328												4/12	9/8	66	170					66	170		
159	Blue Jay	1358																1/1	12/31	475	2027	475	2027		
160	American Crow	1369																1/1	12/31	384	2255	384	2255		
161	Fish Crow	1377												3/7	10/10	124	599					124	599		
162	Horned Lark	1385																1/1	12/19	21	205	21	205		
163	Purple Martin	1386												3/7	8/25	68	2E+05					68	201084		
164	Tree Swallow	1393												3/17	10/10	19	170					19	170		
165	Northern Rough-winged Swallow	1401												3/26	9/22	37	185					37	185		
166	Bank Swallow	1403											4/28	5/24	3	14							3	14	
167	Cliff Swallow	1404												3/30	8/23	72	2310					72	2310		
168	Barn Swallow	1406												3/19	10/31	140	1108					140	1108		
169	Carolina Chickadee	1408																1/1	12/31	542	2251	542	2251		
170	Tufted Titmouse	1418																1/1	12/31	347	1346	347	1346		
171	Red-breasted Nuthatch	1422					12/19	12/19	1	1													1	1	
172	White-breasted Nuthatch	1423																1/1	12/30	103	168	103	168		
173	Brown Creeper	1426					10/24	5/2	40	55													40	55	
174	House Wren	1434												1/13	12/19	23	45						23	45	
175	Winter Wren	1440					10/10	3/21	17	22													17	22	
176	Sedge Wren	1442					10/4	5/2	2	3													2	3	
177	Marsh Wren	1443					9/13	5/2	7	8													7	8	
178	Carolina Wren	1444																1/1	12/31	410	1091	410	1091		
179	Bewick's Wren	1445																1/4	12/30	22	28	22	28		
180	Blue-gray Gnatcatcher	1476												3/27	10/10	116	434					116	434		
181	Golden-crowned Kinglet	1487					10/29	3/17	27	47													27	47	
182	Ruby-crowned Kinglet	1488					9/19	5/14	71	145													71	145	
183	Eastern Bluebird	1524																1/1	12/31	335	1538	335	1538		
184	Veery	1546											4/26	4/26	1	1							1	1	
185	Gray-cheeked Thrush	1547											5/7	5/16	3	4							3	4	
186	Swainson's Thrush	1549											4/20	5/26	63	248							63	248	
187	Hermit Thrush	1550					10/16	4/26	27	39													27	39	
188	Wood Thrush	1551																4/18	5/25	6	7			6	7
189	American Robin	1569																1/1	12/31	510	5979	510	5979		
190	Gray Catbird	1580												4/28	10/10	49	76					49	76		
191	Brown Thrasher	1588																1/1	12/26	115	260	115	260		
192	Northern Mockingbird	1600																1/1	12/31	484	1589	484	1589		
193	European Starling	1601																1/1	12/31	678	33397	678	33397		
194	American Pipit	1613					11/14	4/12	15	180													15	180	
195	Cedar Waxwing	1617					9/29	5/25	126	2450													126	2450	
196	Lapland Longspur	1629					11/3	1/4	2	11													2	11	
197	Smith's Longspur	1631					12/1	12/24	4	43													4	43	
198	Louisiana Waterthrush	1637												4/17	5/9	7	9					7	9		
199	Northern Waterthrush	1638	9/12	9/19	3	3							4/27	5/2	2	3							5	6	
200	Black-and-white Warbler	1642												3/24	9/20	28	44					28	44		

### Species Count Reported by Season

#	SPECIES	AOU RANK	Fall Migrants				Winter Residents				Spring Migrants				Summer Residents				Permanent Residents				Total Field Reports	Total indv. Reported	
			Start	End	#'s	Indv.	Start	End	#'s	Indv.	Start	End	#'s	Indv.	Start	End	#'s	Indv.	Start	End	#'s	Indv.			
201	Prothonotary Warbler	1643												4/11	8/28	46	116					46	116		
202	Tennessee Warbler	1647																					14	30	
203	Orange-crowned Warbler	1648					10/15	5/13	31	34													31	34	
204	Nashville Warbler	1651	9/12	10/24	7	16							4/23	5/13	21	61							28	77	
205	Mourning Warbler	1658	8/28	8/29	2	2							5/9	5/24	7	8							9	10	
206	Kentucky Warbler	1659															4/16	6/16	15	30			15	30	
207	Common Yellowthroat	1665															3/20	10/31	48	98			48	98	
208	American Redstart	1672	9/12	9/20	3	3							5/2	5/25	20	31							23	34	
209	Northern Parula	1676															4/4	9/22	81	197			81	197	
210	Magnolia Warbler	1678											5/13	5/17	3	3							3	3	
211	Blackburnian Warbler	1680											5/6	5/13	7	8							7	8	
212	Yellow Warbler	1681															4/23	9/19	53	122			53	122	
213	Chestnut-sided Warbler	1682											5/9	5/17	6	7							6	7	
214	Blackpoll Warbler	1683											5/2	5/12	10	17							10	17	
215	Palm Warbler	1685											4/17	4/17	1	2							1	2	
216	Pine Warbler	1687																		2/26	7/7	5	13	5	13
217	Yellow-rumped Warbler, Myrtle	1688					10/4	5/9	148	641													148	641	
218	Yellow-throated Warbler	1689															3/20	8/8	43	70			43	70	
219	Prairie Warbler	1692															5/12	5/12	1	2			1	2	
220	Black-throated Green Warbler	1701	9/20	10/24	4	4							5/9	5/14	3	3							7	7	
221	Canada Warbler	1710											5/13	5/14	2	2							2	2	
222	Wilson's Warbler	1711	9/19	9/20	2	2							4/26	5/17	17	29							19	31	
223	Yellow-breasted Chat	1719															6/30	6/30	1	1			1	1	
224	Spotted Towhee	1829						11/29	3/29	13	32												13	32	
225	Eastern Towhee	1830						10/16	5/2	14	35												14	35	
	towhee sp.	1831						12/19	12/19	3	3												3	3	
226	American Tree Sparrow	1851						8/8	2/19	5	10												5	10	
227	Chipping Sparrow	1852																		1/3	12/31	58	234	58	234
228	Clay-colored Sparrow	1853	8/20	11/8	3	3							4/11	5/19	8	16							11	19	
229	Field Sparrow	1855																		1/2	12/24	57	254	57	254
230	Vesper Sparrow	1858	12/30	12/30	1	1							3/29	4/16	3	4							4	5	
231	Lark Sparrow	1859															3/8	12/19	46	166			46	166	
232	Savannah Sparrow	1865						10/3	5/10	63	430												63	430	
233	Grasshopper Sparrow	1866															4/16	7/19	8	13			8	13	
234	Le Conte's Sparrow	1869						11/14	12/19	3	3												3	3	
235	Fox Sparrow	1874						11/6	3/28	28	53												28	53	
236	Song Sparrow	1875						10/5	5/9	137	469												137	469	
237	Lincoln's Sparrow	1876						10/3	5/9	53	114												53	114	
238	Swamp Sparrow	1877						10/10	4/18	35	65												35	65	
239	White-throated Sparrow	1879						10/10	5/17	130	622												130	622	
240	Harris's Sparrow	1880						11/6	5/8	97	757												97	757	
241	White-crowned Sparrow	1881						10/10	5/15	73	445												73	445	
	Sparrow sp.	1883																		12/19	12/19	2	9	2	9
242	Dark-eyed Junco	1884						10/17	5/2	263	2482												263	2482	
243	Summer Tanager	1904															4/16	9/27	58	123			58	123	
244	Northern Cardinal	1918																		1/1	12/31	676	3672	676	3672
245	Rose-breasted Grosbeak	1922											5/2	5/12	17	18							17	18	
246	Blue Grosbeak	1929															5/2	9/19	31	63			31	63	
247	Indigo Bunting	1931															4/17	10/3	109	519			109	519	
248	Painted Bunting	1935															4/25	8/4	56	164			56	164	
249	Dickcissel	1936															4/26	9/8	46	589			46	589	

### Species Count Reported by Season

#	SPECIES	AOU RANK	Fall Migrants				Winter Residents				Spring Migrants				Summer Residents				Permanent Residents				Total Field Reports	Total indiv. Reported
			Start	End	#'s	Indv.	Start	End	#'s	Indv.	Start	End	#'s	Indv.	Start	End	#'s	Indv.	Start	End	#'s	Indv.		
250	Bobolink	1937									5/3	5/23	8	182									8	182
251	Red-winged Blackbird	1938																	1/1	12/26	277	16713	277	16713
252	Eastern Meadowlark	1946																	1/1	12/30	121	2535	121	2535
253	Western Meadowlark	1947					10/31	6/2	8	13													8	13
254	Yellow-headed Blackbird	1948									4/22	4/28	5	26									5	26
255	Rusty Blackbird	1951					11/24	3/20	20	374													20	374
256	Brewer's Blackbird	1952					12/19	4/29	24	328													24	328
257	Common Grackle	1953																	1/1	12/28	201	21152	201	21152
258	Great-tailed Grackle	1955																	1/1	12/31	80	478	80	478
	Blackbird sp.	1960																	2/13	12/19	7	2751	7	2751
259	Brown-headed Cowbird	1962																	1/13	12/19	179	1257	179	1257
260	Orchard Oriole	1974													4/19	10/21	20	50					20	50
261	Baltimore Oriole	1987													4/21	10/5	57	147					57	147
262	House Finch	2055																	1/1	12/29	301	1248	301	1248
263	Purple Finch	2056					11/10	2/21	8	10													8	10
264	Pine Siskin	2064					12/27	3/27	15	36													15	36
265	American Goldfinch	2072																	1/1	12/30	272	1344	272	1344
266	House Sparrow	2080																	1/1	12/31	584	6568	584	6568

## Normalized Percentage of Species Reported by Week

Species	Count	Winter	Spring	Summer	Fall	Winter
Greater White-fronted Goose	99					
Snow Goose	1629					
Ross's Goose	17					
Cackling Goose	224					
Canada Goose	12653					
Trumpeter Swan	18					
Tundra Swan	1					
Wood Duck	187					
Gadwall	5559					
American Wigeon	153					
Mallard	5807					
Blue-winged Teal	1291					
Northern Shoveler	1851					
Northern Pintail	62					
Green-winged Teal	446					
Canvasback	306					
Redhead	375					
Ring-necked Duck	698					
Greater Scaup	223					

Normalized Percentage of Species Reported by Week

Species	Count	Winter	Spring	Summer	Fall	Winter
Lesser Scaup	1365					
Surf Scoter	2					
White-winged Scoter	1					
Bufflehead	563					
Common Goldeneye	1113					
Barrow's Goldeneye	1					
Hooded Merganser	520					
Common Merganser	143					
Red-breasted Merganser	1223					
Ruddy Duck	182					
Northern Bobwhite	48					
Wild Turkey	24					
Common Loon	19					
Pied-billed Grebe	616					
Horned Grebe	219					
Eared Grebe	23					
Western Grebe	1					
Neotropic Cormorant	3					
Double-crested Cormorant	4266					

Normalized Percentage of Species Reported by Week

Species	Count	Winter	Spring	Summer	Fall	Winter
American White Pelican	4994					
American Bittern	8					
Great Blue Heron	1340					
Great Egret	1237					
Snowy Egret	75					
Little Blue Heron	13					
Cattle Egret	3					
Green Heron	64					
Black-crowned Night-Heron	19					
Yellow-crowned Night-Heron	45					
White-faced Ibis	2					
Ibis sp.	1					
Black Vulture	119					
Turkey Vulture	1314					
Osprey	27					
Mississippi Kite	171					
Bald Eagle	315					
Northern Harrier	88					
Sharp-shinned Hawk	34					

Normalized Percentage of Species Reported by Week

Species	Count	Winter	Spring	Summer	Fall	Winter
Cooper's Hawk	82					
accipiter sp.	3					
Red-shouldered Hawk	230					
Broad-winged Hawk	17					
Swainson's Hawk	19					
Red-tailed Hawk	718					
Ferruginous Hawk	1					
Rough-legged Hawk	1					
Sora	2					
American Coot	1887					
American Avocet	66					
Black-bellied Plover	19					
American Golden-Plover	22					
Semipalmated Plover	53					
Killdeer	1461					
Spotted Sandpiper	152					
Solitary Sandpiper	25					
Greater Yellowlegs	75					
Willet	10					

Normalized Percentage of Species Reported by Week

Species	Count	Winter	Spring	Summer	Fall	Winter
Lesser Yellowlegs	74					
Upland Sandpiper	44					
Whimbrel	9					
Hudsonian Godwit	30					
Ruddy Turnstone	3					
Stilt Sandpiper	64					
Dunlin	1					
Baird's Sandpiper	36					
Least Sandpiper	154					
White-rumped Sandpiper	60					
Buff-breasted Sandpiper	3					
Pectoral Sandpiper	126					
Semipalmated Sandpiper	50					
Western Sandpiper	7					
Short-billed Dowitcher	2					
Wilson's Snipe	16					
American Woodcock	41					
Wilson's Phalarope	66					
Bonaparte's Gull	604					

Normalized Percentage of Species Reported by Week

Species	Count	Winter	Spring	Summer	Fall	Winter
Laughing Gull	1					
Franklin's Gull	2890					
Ring-billed Gull	20009					
Herring Gull	581					
Thayer's Gull	2					
Iceland Gull	1					
Lesser Black-backed Gull	8					
Glaucous Gull	8					
Great Black-backed Gull	1					
gull sp.	10					
Least Tern	44					
Caspian Tern	15					
Black Tern	444					
Common Tern	1					
Forster's Tern	168					
Rock Pigeon	4101					
Eurasian Collared-Dove	251					
White-winged Dove	13					
Mourning Dove	2250					

Normalized Percentage of Species Reported by Week

Species	Count	Winter	Spring	Summer	Fall	Winter
Yellow-billed Cuckoo	127					
Greater Roadrunner	3					
Barn Owl	2					
Eastern Screech-Owl	3					
Great Horned Owl	31					
Barred Owl	80					
Long-eared Owl	1					
Short-eared Owl	1					
Common Nighthawk	52					
Chuck-will's-widow	3					
Eastern Whip-poor-will	1					
Chimney Swift	482					
Ruby-throated Hummingbird	175					
Anna's Hummingbird	1					
Belted Kingfisher	161					
Red-headed Woodpecker	661					
Red-bellied Woodpecker	849					
Yellow-bellied Sapsucker	124					
Downy Woodpecker	964					

### Normalized Percentage of Species Reported by Week

Species	Count	Winter	Spring	Summer	Fall	Winter
Hairy Woodpecker	142					
Northern Flicker	615					
Pileated Woodpecker	193					
Crested Caracara	1					
American Kestrel	263					
Merlin	9					
Peregrine Falcon	7					
Prairie Falcon	1					
falcon sp.	1					
Olive-sided Flycatcher	5					
Eastern Wood-Pewee	79					
Yellow-bellied Flycatcher	5					
Acadian Flycatcher	23					
Alder Flycatcher	16					
Willow Flycatcher	1					
Least Flycatcher	44					
Eastern Phoebe	371					
Great Crested Flycatcher	219					
Western Kingbird	222					

Normalized Percentage of Species Reported by Week

Species	Count	Winter	Spring	Summer	Fall	Winter
Eastern Kingbird	382					
Scissor-tailed Flycatcher	800					
Loggerhead Shrike	77					
White-eyed Vireo	149					
Bell's Vireo	71					
Yellow-throated Vireo	19					
Blue-headed Vireo	21					
Warbling Vireo	82					
Philadelphia Vireo	7					
Red-eyed Vireo	170					
Blue Jay	2027					
American Crow	2255					
Fish Crow	599					
Horned Lark	205					
Purple Martin	201084					
Tree Swallow	170					
Northern Rough-winged Swallow	185					
Bank Swallow	14					
Cliff Swallow	2310					

Normalized Percentage of Species Reported by Week

Species	Count	Winter	Spring	Summer	Fall	Winter
Barn Swallow	1108					
Carolina Chickadee	2251					
Tufted Titmouse	1346					
Red-breasted Nuthatch	1					
White-breasted Nuthatch	168					
Brown Creeper	55					
House Wren	45					
Winter Wren	22					
Sedge Wren	3					
Marsh Wren	8					
Carolina Wren	1091					
Bewick's Wren	28					
Blue-gray Gnatcatcher	434					
Golden-crowned Kinglet	47					
Ruby-crowned Kinglet	145					
Eastern Bluebird	1538					
Veery	1					
Gray-cheeked Thrush	4					
Swainson's Thrush	248					

Normalized Percentage of Species Reported by Week

Species	Count	Winter	Spring	Summer	Fall	Winter
Hermit Thrush	39					
Wood Thrush	7					
American Robin	5979					
Gray Catbird	76					
Brown Thrasher	260					
Northern Mockingbird	1589					
European Starling	33397					
American Pipit	180					
Cedar Waxwing	2450					
Lapland Longspur	11					
Smith's Longspur	43					
Louisiana Waterthrush	9					
Northern Waterthrush	6					
Black-and-white Warbler	44					
Prothonotary Warbler	116					
Tennessee Warbler	30					
Orange-crowned Warbler	34					
Nashville Warbler	77					
Mourning Warbler	10					

Normalized Percentage of Species Reported by Week

Species	Count	Winter	Spring	Summer	Fall	Winter
Kentucky Warbler	30					
Common Yellowthroat	98					
American Redstart	34					
Northern Parula	197					
Magnolia Warbler	3					
Blackburnian Warbler	8					
Yellow Warbler	122					
Chestnut-sided Warbler	7					
Blackpoll Warbler	17					
Palm Warbler	2					
Pine Warbler	13					
Yellow-rumped Warbler, Myrtle	641					
Yellow-throated Warbler	70					
Prairie Warbler	2					
Black-throated Green Warbler	7					
Canada Warbler	2					
Wilson's Warbler	31					
Yellow-breasted Chat	1					
Spotted Towhee	32					

Normalized Percentage of Species Reported by Week

Species	Count	Winter	Spring	Summer	Fall	Winter
Eastern Towhee	35					
towhee sp.	3					
American Tree Sparrow	10					
Chipping Sparrow	234					
Clay-colored Sparrow	19					
Field Sparrow	254					
Vesper Sparrow	5					
Lark Sparrow	166					
Savannah Sparrow	430					
Grasshopper Sparrow	13					
Le Conte's Sparrow	3					
Fox Sparrow	53					
Song Sparrow	469					
Lincoln's Sparrow	114					
Swamp Sparrow	65					
White-throated Sparrow	622					
Harris's Sparrow	757					
White-crowned Sparrow	445					
Sparrow sp.	9					

Normalized Percentage of Species Reported by Week

Species	Count	Winter	Spring	Summer	Fall	Winter
Dark-eyed Junco	2482					
Summer Tanager	123					
Northern Cardinal	3672					
Rose-breasted Grosbeak	18					
Blue Grosbeak	63					
Indigo Bunting	519					
Painted Bunting	164					
Dickcissel	589					
Bobolink	182					
Red-winged Blackbird	16713					
Eastern Meadowlark	2535					
Western Meadowlark	13					
Yellow-headed Blackbird	26					
Rusty Blackbird	374					
Brewer's Blackbird	328					
Common Grackle	21152					
Great-tailed Grackle	478					
Blackbird sp.	2751					
Brown-headed Cowbird	1257					

### Normalized Percentage of Species Reported by Week

Species	Count	Winter	Spring	Summer	Fall	Winter
Orchard Oriole	50					
Baltimore Oriole	147					
House Finch	1248					
Purple Finch	10					
Pine Siskin	36					
American Goldfinch	1344					
House Sparrow	6568					