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of bird activities.



Edited by  
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33rd Year, Bulletin No. 2.  
April and May, 1937

Prepared  
July 5, 1937

*Bird Calendar of the*  
**CLEVELAND BIRD CLUB**

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A summary of the weather conditions in the Cleveland vicinity during April and May is as follows:

Month	Mean Temperature	Normal Temperature	Total Precipitation	Normal Precipitation
April	47.1° F.	46.2° F.	3.33 in.	2.44 in.
May	59.4°	57.9°	2.27	3.12

Average weather conditions for April and May were rather close to normal. Temperatures were above normal 0.9° F. in April and 1.5° F. in May. Precipitation was 0.89 in. above normal in April and 0.85 in. below normal in May.

The contributors to this bulletin are:

J. W. Aldrich	Ralph O' Reilly, Jr.
Dale C. Kellogg	Merit B. Skaggs
Margarette E. Morse	Arthur B. Williams
Eugene P. Odum	

In addition to the above, the birds seen on the Sunday Morning Bird Walks are also summarized in this bulletin. These walks were led by the following people:

Shaker Lakes: J. W. Aldrich and Ralph O'Reilly, Jr.  
Hinckley Park: Arthur B. Williams and Frank Johnson  
Gordon Park: B. P. Bole, Jr. and J. Paul Visscher  
Mentor Headlands: A. B. Fuller and C. M. Sherman  
Shady Lake Preserve: P. N. Moulthrop and F. W. Braund  
Rockefeller Estate: P. N. Moulthrop and E. P. Odum

The following statistics are available on the trips taken:

	<u>April</u>	<u>May</u>
Number of trips	52	78
Observers per trip	2.2	2.1
Total mileage on foot per trip	2.2	2.5
Hours per trip	2.4	3.0
Total hours of observation in dense woods	48	101
Total hours of observation in open country	43	92
Total hours of observation in marshes, along lakes and streams	33	39

The total number of trips taken during these two months is 130. This is 13 less than were taken last year during these two months. Dr. Williams and Mr. O'Reilly each reported 20 trips. The largest number of species recorded by any one observer is 181 by Mr. Skaggs, since he made a special effort to visit a great variety of habitats. Miss Morse is second with 161 species. The total number of species reported by all observers is 198, which is to be compared with 201 species seen last year during the similar period. There are now 204 species seen on the year's list, which is 5 less than had been observed last year up to this time.

The following list separates and gives special attention to some of the rare and more unusual species reported during this period:

American Scoter	April 18 (2), A. B. Williams, found at Hinkley Lake
Rough-legged Hawk	April 4 (1), M. B. Skaggs, observed white at base of tail and hovering habit
Iceland Gull	May 2 (1), Miss Mabel Chapman
Forster Tern	May 9 (1), observed at Mentor Headlands on Sunday Morning Bird Walk
Piping Plover	May 15 (2), M. B. Skaggs and R. O'Reilly
Yellow Rail	April 18 (1), R. O'Reilly, flushed twice from wet grassy field in Pepper Pike Village
Yellow-bellied Flycatcher	May 23 (3), Sunday Morning Bird Walk at Gordon Park
Red-breasted Nuthatch	May 2 (1), M. B. Skaggs, North Chagrin Park, the only bird of this species reported this year
Short-billed Marsh Wren	May 7 (1), R. O'Reilly, Black Brook
Carolina Wren	May 9 (1), M. B. Skaggs, North Chagrin Park, the only one reported so far this year.
Mockingbird	May 9 (1)), R. O'Reilly, Shaker Lakes
Pipit	May 2 (100), Sunday Morning Bird Walk at Mentor Headlands
Philadelphia Vireo	May 23 (1), Sunday Morning Bird Walk at Gordon Park
Yellow-breasted Chat	May 13 (1), Mrs. M. B. Skaggs, Hinckley
Orange-crowned Warbler	May 15 (2), M. E. Morse; May 20 (1), M. B. Skaggs
Pine Warbler	April 20 (1), 27 (1), M. B. Skaggs; 30 (1), R. O'Reilly
Orchard Oriole	May 22 (2, 3), M. E. Morse, M. B. Skaggs
Pine Siskin	May 23 (6), R. O'Reilly, M. E. Morse, M. B. Skaggs, at O'Reilly's home
Lincoln Sparrow	May 10 (2), 15 (2), M. B. Skaggs, R. O'Reilly

The more common species of birds are listed in the following tables. Their relative abundance is shown by compiling all records submitted and averaging the figures to give number of birds seen per hour in each type of habitat. The figures are probably approximations only, but give some idea as to the relative status of the various species in order of abundance and as to fluctuation from year to year.

Number observed per hour in habitat (March, April, May).

	<u>1937</u>	<u>1936</u>	<u>1935</u>	<u>Remarks</u>
Hermit Thrush	3.08	2.29	2.03	April only
Redstart	2.71	1.66	- - -	May only
Oven-bird	2.41	1.85	1.25	May only
Cardinal	2.26	2.03	3.39	
Black-throated Green Warbler	1.69	1.72	1.68	May only
Golden-crowned Kinglet	1.67	1.12	1.42	March and April
Red-eyed Vireo	1.63	2.13	- - -	May only
Black-capped Chickadee	1.18	0.86	0.64	
Tufted Titmouse	1.17	1.10	1.57	
Wood Thrush	1.05	1.26	1.21	May only
Towhee	1.03	0.92	2.36	April and May
Crested Flycatcher	0.96	0.87	0.62	May only
Downy Woodpecker	0.95	0.79	1.01	
White-breasted Nuthatch	0.89	0.51	0.80	
Yellow-bellied Sapsucker	0.71	1.38	0.42	April only
Cerulean Warbler	0.66	0.50	0.13	May only
Hooded Warbler	0.65	0.87	- - -	May only
Scarlet Tanager	0.58	0.81	- - -	May only
Pileated Woodpecker	0.52	0.04	0.05	
Brown Creeper	0.29	0.33	0.36	March and April
Hairy Woodpecker	0.22	0.24	0.23	
Yellow-throated Vireo	0.18	0.14	- - -	May only
Red-bellied Woodpecker	0.09	0.03	0.06	
Barred Owl	0.04	0.05	0.13	
Great Horned Owl	0.04	0.02	0.00	
Ruffed Grouse	0.01	0.01	0.02	
Carolina Wren	<u>0.01</u>	<u>0.06</u>	<u>0.07</u>	
TOTAL, excluding species not represented all years	20.93	17.98	19.45	

Considering only those species on which data are available for all three years, the abundance of birds in this habitat is apparently slightly greater this year than two years ago and about 16% more this year than last year. Of the 27 species listed, 16 are more abundant this year than last, 10 species are less abundant, and one species is the same. It is with pleasure that we note the steady increase in abundance during the last three years of hermit thrush, oven-bird, chickadee, crested flycatcher, and cerulean warbler. Several species that showed some decline in numbers last year over the preceding year have increased again this year.

The number of birds in open country this year is about 20% larger than last year, but 26% smaller than the year before. Thirty species are more abundant this year than last, 17 species are less abundant, and one remains the same. A glance down the list, making comparisons for the three years, shows most typically in the case of many species a decrease in numbers from 1935 to 1936 and an increase from 1936 to 1937. In the case of the open country birds, the increase in 1937 does not equal the numbers of birds in 1935, although for the birds of the denser woods this is true. Apparently the low numbers of birds last year may be blamed on the severe winter of 1935-36, while the increase this year may be correlated with the much milder winter of 1936-37.

BIRDS OF THE OPEN COUNTRY  
(Open woods, shrubby fields, farmland, cities)  
Number observed per hour in habitat (March, April, May)

	<u>1937</u>	<u>1936</u>	<u>1935</u>	<u>Remarks</u>
Starling	23.39	6.23	28.64	
Robin	19.07	15.06	25.04	
Slate-colored Junco	16.10	14.70	21.30	March and April
Crow	10.03	28.80	14.05	
Cowbird	9.18	2.99	10.46	April and May
Song Sparrow	8.29	6.99	9.95	
Bronzed Grackle	6.44	7.06	21.20	observers
English Sparrow	6.17	9.84	10.73	Omitted by some/
Field Sparrow	6.16	2.14	3.09	April and May
Chimney Swift	5.65	1.60	5.93	May only
Mourning Dove	4.38	2.95	5.44	
Barn Swallow	4.25	2.09	6.72	May only
Meadowlark	3.74	1.94	3.77	
Tree Sparrow	3.36	4.16	3.56	March and April
Purple Martin	3.29	1.86	5.32	May only
Flicker	3.22	1.73	4.24	April and May
Yellow Warbler	2.97	3.78	5.06	May only
Killdeer	2.01	1.42	1.83	
Goldfinch	1.66	1.23	2.96	
Catbird	1.66	1.51	2.65	May only
Phoebe	1.62	0.99	2.62	April and May
Cedar Waxwing	1.61	1.52	5.78	
Bob-white	1.56	1.39	1.94	
Chipping Sparrow	1.52	0.60	1.12	April and May
Vesper Sparrow	1.50	0.63	1.39	April and May
Blue Jay	1.43	- - -	- - -	
Prairie Horned Lark	1.42	0.71	0.89	
House Wren	1.35	1.62	2.98	May only
Turkey Vulture	1.33	0.39	0.49	April and May
Bluebird	1.32	1.60	1.61	
Baltimore Oriole	0.91	1.00	1.19	May only
Henslow Sparrow	0.86	0.09	0.15	May only
Bobolink	0.83	0.91	1.08	May only
Grasshopper Sparrow	0.64	0.44	0.20	May only
Kingbird	0.63	1.06	0.61	May only
Sparrow Hawk	0.45	0.25	0.28	
Ring-necked Pheasant	0.45	0.36	0.47	
Brown Thrasher	0.39	0.44	0.71	May only
Blue-winged Warbler	0.30	0.33	0.71	May only
Migrant Shrike	0.25	0.05	0.10	April and May
Savannah Sparrow	0.25	0.13	0.15	May only
Red-headed Woodpecker	0.21	0.30	0.43	
Red-shouldered Hawk	0.19	0.11	0.32	
Marsh Hawk	0.16	0.11	0.32	
Cooper Hawk	0.11	0.11	0.02	
Red-tailed Hawk	0.06	0.16	0.11	
Sharp-shinned Hawk	0.03	0.13	0.10	
Broad-winged Hawk	0.02	0.03	0.10	
Screech Owl	0.01	0.09	0.05	
TOTAL, excluding Blue Jay	161.00	133.63	217.86	

## BIRDS OF THE OPEN LAKE, LAKESHORE, STREAMS, AND MARSHES.

Number observed per hour in habitat (March, April, May)

	<u>1937</u>	<u>1936</u>	<u>1935</u>	<u>Remarks</u>
Canvas-back	190.33	75.50	15.20	March and April
Lesser Scaup Duck	56.16	59.56	7.74	
Baldpate	55.85	4.30	8.32	April only
Ring-necked Duck	29.42	3.03	1.94	April only
Red-winged Blackbird	23.47	22.47	15.83	
Rough-winged Swallow	19.74	3.96	8.47	May only
Herring Gull	14.83	10.44	14.24	
Ring-billed Gull	10.06	7.77	3.90	
Bank Swallow	8.95	4.41	4.76	May only
Common Tern	7.77	1.08	15.36	May only
Coot	7.32	27.33	7.14	April and May
Canada Goose	6.55	- - -	- - -	March and April
Black Duck	6.03	12.15	5.91	
Red-breasted Merganser	5.06	1.88	1.70	March and April
Northern Yellow-throat	4.97	1.34	3.39	May only
Bonaparte Gull	4.42	20.45	11.94	April only
Spotted Sandpiper	3.87	1.14	3.78	May only
Redhead	3.42	- - -	- - -	
Wood Duck	2.73	- - -	- - -	April only
Pintail	2.73	1.00	1.36	April only
Hooded Merganser	2.67	- - -	- - -	March and April
American Merganser	2.62	15.56	0.50	March and April
Mallard	2.31	1.13	2.32	
Blue-winged Teal	2.10	1.90	2.17	April and May
Great Blue Heron	2.02	1.68	3.57	April and May
Shoveller	1.78	1.34	1.20	April and May
Kingfisher	1.56	0.76	1.90	April and May
Solitary Sandpiper	1.28	- - -	- - -	May only
Swamp Sparrow	1.18	0.16	0.50	May only
Louisiana Water-thrush	1.10	- - -	- - -	May only
Tree Swallow	1.02	0.74	3.23	May only
Pied-billed Grebe	0.91	1.11	0.38	April and May
Green Heron	0.82	0.30	0.50	May only
Golden-eye	0.65	2.48	0.68	March and April
Green-winged Teal	0.64	0.12	0.10	April only
Bufflehead	0.57	0.84	0.64	April only
Greater Yellow-legs	0.44	- - -	- - -	April and May
Grinnell Water-thrush	0.41	- - -	- - -	May only
Caspian Tern	0.36	- - -	- - -	May only
American Bittern	0.36	0.14	0.23	May only
Black-crowned Night Heron	0.28	0.69	3.19	May only
Osprey	0.18	- - -	- - -	May only
Bald Eagle	0.16	0.12	0.02	
Cliff Swallow	0.15	- - -	- - -	May only
TOTAL, excluding species not represented all years	469.96	286.88	152.11	

According to the above figures, these water birds are about 64% more abundant this year than last and they have shown a progressive increase since 1935. This is especially true with some of the ducks. Twenty-four species this year are more abundant than last, nine species are less abundant. The increase in abundance of birds in this habitat agrees therefore with the increase in abundance this year over last noted for the birds of the open country and the dense woods.

## SPRING MIGRATION

Species	First Record	Maximum	Last Record	Remarks
Goldfinch	April 2 (8, 6)	- - -	- - -	None wintered
Flicker	April 3 (2)	April 18	- - -	None wintered
Pectoral Sandpiper	April 4 (19, 40, 24)	- -	May 5 (15)	
Purple Martin	April 4 (3)	- - -	- - -	
Greater Yellow-legs	April 4 (1, 1, 1)	May 8	May 23 (2)	
Wood Duck	April 4 (4)	- - -	- - -	
Cedar Waxwing	April 6 (4)	May 15-16	- - -	Only 1 winter record
Golden-crowned Kinglet	April 6 (1)	April 18	May 16 (5)	One winter record
Wilson Snipe	April 7 (1)	- - -	May 9 (1, 1)	
Ruddy Duck	April 7 (1)	- - -	May 9 (15)	
Grasshopper Sparrow	April 7 (2)	- - -	- - -	
Chipping Sparrow	April 7 (3, 1)	May 1-2	- - -	
Tree Swallow	April 7 (2)	April 18	- - -	
Swamp Sparrow	April 7 (20)	- - -	- - -	
Purple Finch	April 9 (1)	- - -	May 23 (3)	Some summer
Hermit Thrush	April 9 (1)	April 22	May 23 (1)	
Rusty Blackbird	April 10 (40)	- - -	May 20 (7)	
Savannah Sparrow	April 10 (1)	- - -	- - -	
Woodcock	April 10 (1)	- - -	May 23 (2)	
Bank Swallow	April 11 (10)	May 9	- - -	
Loon	April 11 (1, 3)	- - -	May 8 (3)	
Grinnell Water-thrush	April 15 (2)	- - -	- - -	
Winter Wren	April 17 (1, 1)	- - -	May 9 (1)	
Barn Swallow	April 17 (3, 5)	May 9-10	- - -	
American Bittern	April 17 (1)	- - -	- - -	
Myrtle Warbler	April 18 (7, 12)	- -	May 23 (2, 2, 6, 1)	
White-throated Sparrow	April 18 (1)	May 8-9	May 22 (1)	
Lesser Yellow-legs	April 18 (1, 1)	May 8-9	May 23 (1, 1)	
Ruby-crowned Kinglet	April 18 (1, 2, 36)	May 1-2	May 22 (1)	
Brown Thrasher	April 18 (1, 1, 2)	- -	- - -	
Osprey	April 18 (1)	- - -	- - -	
Rough-winged Swallow	April 18 (5, 5)	May 9	- - -	
Wood Thrush	April 18 (1)	- - -	- - -	
Black-throated Blue Warbler	“ 18 (1)	May 15-16	May 23 (1, 3, 2)	
Pine Warbler	April 20 (1)	- - -	April 30 (1)	
Caspian Tern	April 20 (2)	- - -	- - -	
House Wren	April 23 (1)	May 15-16	- - -	
Yellow Warbler	April 24 (2)	May 15-16	- - -	
Chimney Swift	April 24 (1)	May 15-16	- - -	
Spotted Sandpiper	April 24 (1)	May 15-16	- - -	
White-crowned Sparrow	April 25 (1)	- - -	May 21 (1)	
Black and White Warbler	April 25 (1)	May 1-2	May 23 (1, 1)	
Cliff Swallow	April 25 (1)	- - -	- - -	
Green Heron	April 25 (3)	- - -	- - -	
Crested Flycatcher	April 25 (1)	- - -	- - -	
Redstart	April 25 (1)	May 15-16	- - -	
Palm Warbler	April 27 (1)	May 15-16	May 20 (8)	
Solitary Sandpiper	April 27 (1)	- - -	May 23 (1, 1, 1, 2, 4)	
Whip-poor-will	April 27 (1)	- - -	May 12 (1)	
Louisiana Water-thrush	April 28 (1)	- - -	- - -	
Black-throated Green Warbler	“ 28 (10)	- - -	- - -	
Oven-bird	April 28 (3)	- - -	- - -	
Oliv-backed Thrush	May 1 (1)	May 23-24	May 24 (30)	
Blue-gray Gnatcatcher	May 1 (1, 2)	- - -	- - -	
Red-headed Woodpecker	May 1 (1)	- - -	- - -	

Bobolink	May 1 (1, 2)	- - -	- - -	
Catbird	May 1 (1)	- - -	- - -	
Hooded Warbler	May 1 (1)	- - -	- - -	
Nashville Warbler	May 2 (1, 1)	- - -	May 15 (1)	
Cape May Warbler	May 2 (2, 2)	May 15-16	May 23 (17)	
Least Sandpiper	May 2 (1)	- - -	May 22 (1, 6)	
Pipit	May 2 (100)	- - -	- - -	Only one record
Blue-headed Vireo	May 2 (1)	- - -	May 5 (3)	
Upland Plover	May 2 (2, 1)	- - -	- - -	
Blue-winged Warbler	May 2 (1)	May 9	- - -	
Nighthawk	May 2 (1, 1)	May 22-23	- - -	
Kingbird	May 2 (2, 1, 1)	- - -	- - -	
Henslow Sparrow	May 2 (1, 6)	- - -	- - -	
Baltimore Oriole	May 2 (1)	- - -	- - -	
Northern Yellow-throat	May 2 (2)	- - -	- - -	
Common Tern	May 2 (10, 2)	- - -	- - -	
Yellow-throated Vireo	May 2 (1, 1)	- - -	- - -	
Cerulean Warbler	May 2 (1, 1)	May 16	- - -	
Scarlet Tanager	May 5 (1)	- - -	- - -	
Virginia Rail	May 7 (1)	- - -	- - -	
Veery	May 7 (1)	May 13	May 31 (1)	Some summer
Short-billed Marsh Wren	May 7 (1)	- - -	- - -	
Rose-breasted Grosbeak	May 7 (1)	May 15-16	- - -	
Canada Warbler	May 8 (2)	May 23	May 23 (3, 1, 4, 27)	
Florida Gallinule	May 8 (2)	- - -	- - -	
Ruddy Turnstone	May 8 (1)	- - -	- - -	
Red-backed Sandpiper	May 8 (1)	- - -	May 22 (1)	
Black Tern	May 8 (2)	- - -	- - -	
Long-billed Marsh Wren	May 8 (2)	- - -	- - -	
Least Flycatcher	May 8 (1)	- - -	May 23 (1, 1, 3)	
Warbling Vireo	May 8 (4)	- - -	- - -	
Blackburnian Warbler	May 9 (2)	May 15-16	May 23 (1, 2, 3, 4)	
Black-billed Cuckoo	May 9 (1)	May 22-23	- - -	
Chestnut-sided Warbler	May 9 (1, 1)	May 23	May 23 (1, 3, 4, 8, 24)	
Lincoln Sparrow	May 10 (2)	- - -	May 15 (2)	
Magnolia Warbler	May 12 (1)	May 15-16, 23	May 23 (1, 6, 7, 9)	
Blackpoll Warbler	May 12 (1)	May 23	May 24 (1)	
Red-eyed Vireo	May 12 (1)	May 23-24	- - -	
Yellow-breasted Chat	May 13 (1)	- - -	- - -	
Semipalmated Plover	May 15 (1)	- - -	May 23 (1)	
Piping Plover	May 15 (2, 2)	- - -	- - -	
Orange-crowned Warbler	May 15 (2)	- - -	May 20 (1)	
Bay-breasted Warbler	May 15 (3, 2)	May 23	May 23 (1, 1, 2, 2, 4)	
Mourning Warbler	May 15 (1)	- - -	May 23 (1)	
Wilson Warbler	May 15 (1, 1)	May 23	May 29 (1)	
Sanderling	May 15 (2, 2)	- - -	- - -	Only date recorded
Indigo Bunting	May 15 (1)	May 22	- - -	
Gray-cheeked Thrush	May 15 (1)	May 23	May 23 (16)	
Parula Warbler	May 15 (1)	May 23	May 23 (1, 1, 16)	
Least Bittern	May 16 (1, 1)	- - -	- - -	
Sora Rail	May 16 (1)	- - -	- - -	
Ruby-throated Hummingbird	May 16 (1, 1)	- - -	- - -	
Acadian Flycatcher	May 16 (1, 2, 2)	- - -	- - -	
Alder Flycatcher	May 16 (1, 2, 3)	- - -	- - -	
Wood Pewee	May 16 (1)	- - -	- - -	
Tennessee Warbler	May 18 (1)	- - -	May 23 (1, 1, 1, 2)	
Yellow-billed Cuckoo	May 22 (1, 1)	- - -	- - -	
Orchard Oriole	May 22 (2, 3)	- - -	- - -	
Philadelphia Vireo	May 23 (1)	- - -	- - -	Only the one record
Yellow-bellied Flycatcher	May 23 (3)	- - -	- - -	Only the one record

Other Last Records

April 4	Whistling Swan (9, 10, 10); Rough-legged Hawk (1)
April 11	Canvas-back (10)
April 15	Golden-eye (1)
April 20	Fox Sparrow (2); Tree Sparrow (4)
April 22	Hooded Merganser (1)
April 25	Horned Grebe (1); American Merganser (2, 2)
May 2	Iceland Gull (1); Red-breasted Nuthatch (1); Brown Creeper (2, 3)
May 8	Ring-necked Duck (6); Pintail (5); Green-winged Teal (1); Bufflehead (2); Gadwall (3)
May 9	Shoveller (6); Red-breasted Merganser (18); Canada Goose (8)
May 22	Redhead (1, 1)
May 23	Pine Siskin (6, 6, 6)
May 24	Yellow-bellied Sapsucker (1)

A study of these migration dates shows concentrated movements on April 7, 18, May 1-2, 8, 15-16, and 22-23 but with numerous birds coming or going at intermediate times. Probably the height of the migration came during the next to last wave, May 15-16. This is over a week later than last year, but is not far from the average time when it should occur. Mr. Skaggs writes that he and Mrs. Skaggs listed 17 species of warbler in one and one-half hours on May 15, at Shaker Lake. May other species were also present. He states that it was the greatest concentration of birds he had ever seen. Every tree seemed to have warblers in it.

---ooOoo---