

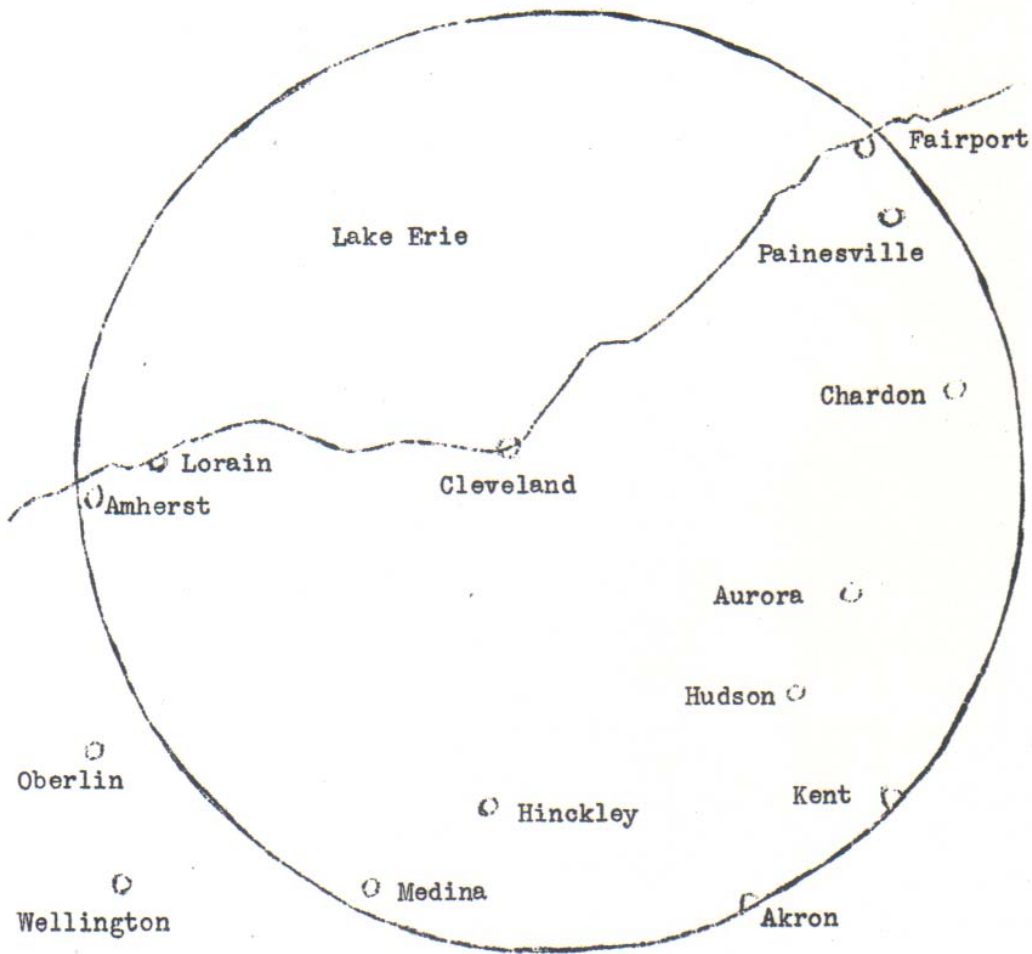
THE CLEVELAND BIRD CALENDAR

Founded by Francis H. Herrick
of Western Reserve University in 1905

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THE KIRTLAND BIRD CLUB

In Cooperation With
The Cleveland Bird Club Inc.

The Cleveland Region
(For Bird Calendar Records)
The circle has a thirty mile radius



At
The Cleveland Museum of Natural History
2717 Euclid Avenue
Cleveland 15, Ohio

THE CLEVELAND BIRD CALENDAR

Summer Nesting Number

Issued October 10, 1947

Edited by Arthur B. Williams

This number of the Calendar portrays Cleveland's bird population "at home". There is less moving about among the birds in June, July and August than in any other three month period of the year. Yet even so, the record always includes a few stragglers going north in June, as well as the first beginnings of the southward autumn migration, and the northward wanderings of the herons in July and August.

Attention is called to the exceptionally good reporting of nesting records in this issue. We are now approaching this point where we can center our attention on the nesting of the rarer species, and so arrive at a more complete coverage of this important and significant phase of bird life here.

Along with the detailed nesting records go the more complete studies of whole breeding bird populations. These produce illumination and significant glimpses into the whole structure of the avian community in the vicinity of Cleveland, which aid enormously in an understanding of our local bird life. We commend to your thoughtful attention the four population studies included in this issue of the Calendar.

We have had some good thing said about the Calendar lately, as well as some brickbats thrown. The one below is in writing:

"It's the best investment I make. I get more for that dollar than any other one I spend" – George King

Species added to our list since the last issue are: Little Blue Heron, Pectoral Sandpiper, Stilt Sandpiper and Saw-whet Owl. The total list now stands at 224. Last year at this time it was exactly the same – 224. This was also the total at this time in 1945. Either the birds or our reporters seem to be approaching a uniform standard of performance!

Contributors to this issue of the Calendar are:.

Fred J. Ackermann	Edna Kleinmeyer
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Vera Carrothers	Margarette E. Morse
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Adela Gaede	Blanche Scott
James W. Gebhart	Mrs. Francis Sherwin
Carl F. Hamann	Harold E. Wallin
Roland O. Hartman	Guy Wentz
R. W. Hill	Mrs. Lida H. Wittier
Ruth R. Kennan	Arthur B. Williams
George King	Clayton Zeidler, Jr.

SUMMARY OF WEATHER CONDITIONS

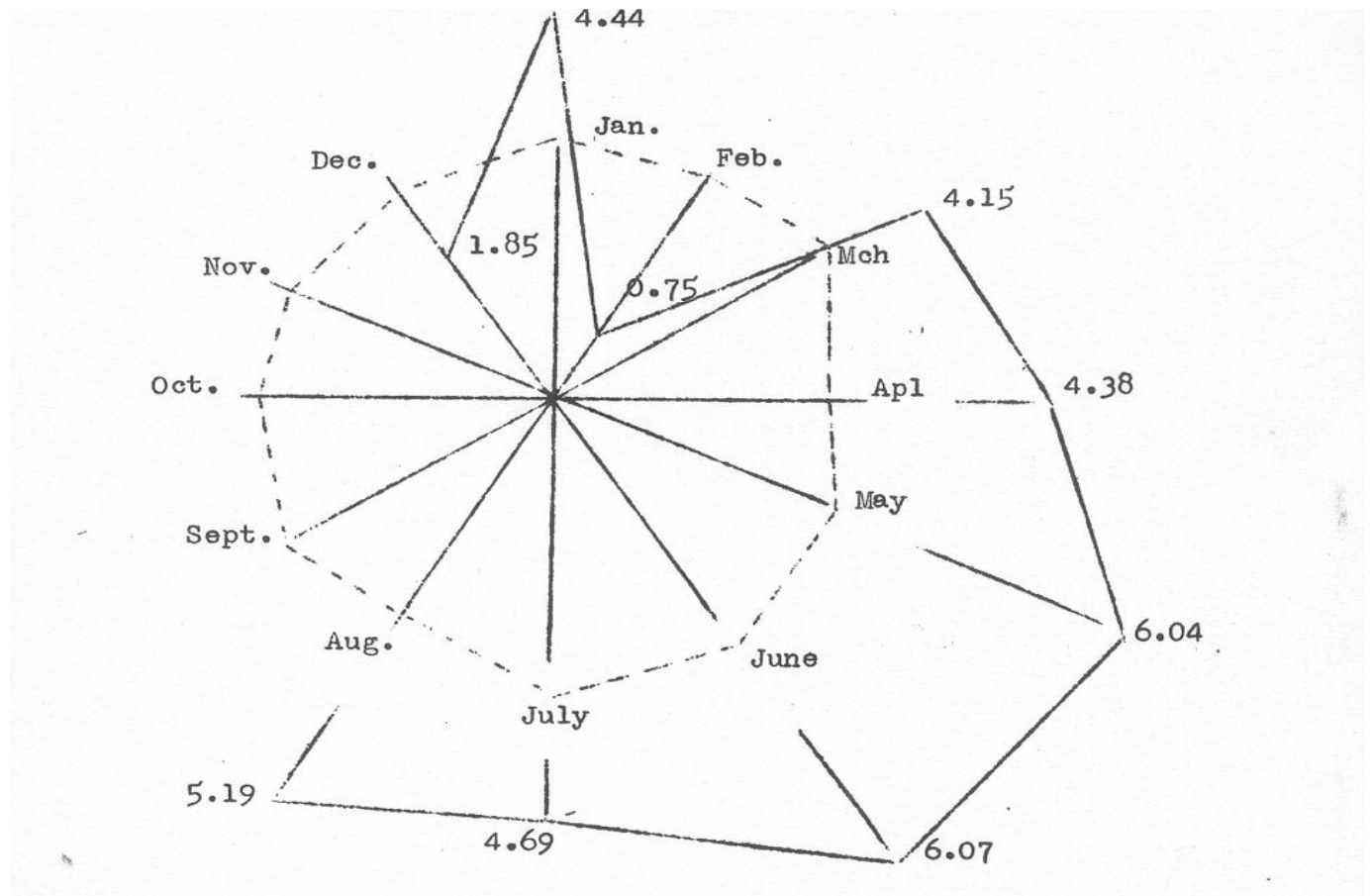
June – The record breaking wet spell that began in March continued to the middle of June, when a brief dry period set in.

July – Precipitation continued above normal so that at the close of the month the accumulated total since January 1 was 30.52 inches, exceeding all previous January through July records, and more than the total rainfall for 1946.

August – This was the hottest month in 77 years of Cleveland Weather Bureau records. There was a record-breaking number of 16 days with temperatures of 90° or higher. Precipitation continued above normal, with a thunder squall on the 30th, with strong winds accompanied by hail, that did considerable damage east of Cleveland, stripping leaves from trees, damaging fruits and corn, and killing numbers of birds.

The chart showing precipitation (below) is something the like of which the Editor has never seen before. The spokes of the wheel each represent 3 inches of water, and the dotted line connecting points on the spokes indicates the “normal” or average precipitation for the past 76 years. Now look at the solid line connecting points way beyond normal for every month except February this year, and you have a graphic picture of what this “wettest of all years” looks like. Figures from U. S. Weather Bureau located at Cleveland Airport.

Precipitation by Months 1947



INTERESTING OR UNUSUAL RECORDS

Double-crested Cormorant – Sandusky Bay, June 8(1). This is apparently our first record for this species so early in the season. Usually these birds are seen on Lake Erie during the autumn and winter months only.

American Egret – Becoming more usual in July and August. Reported from Hinckley Lake July 27(1), Aurora August 5(1), Welshfield August 10(3), 20(1), Rocky River Valley August 24(1), Wingfoot Lake August 24(1), as well as from Sandusky, Pymatuning and Mosquito Creek. Reported nesting (8 nests) on West Sister Island, Lake Erie, summer of 1946, by Louis W. Campbell for the Toledo Naturalists' Association, The Auk, Vol. 64, pages 461-2 (July 1947).

Snowy Egret – Pymatuning, August 31(2) – Lieftinck.

Little Blue Heron – Willoughby, August 19(1), Sherwin; Rocky River Valley, August 22(2), 25(2), Davies, August 23(2), Ackermann; Hinckley Lake, August 24(1), Hartman.

Sharp-shinned Hawk – Nesting in North Chagrin Metropolitan Park – See nesting records, p. 13, and field notes, p. 19.

Stilt Sandpiper – “Horseshoe Lake” (Upper Shaker Lake), August 17(1), Newman.

Great Black-backed Gull – Avon-on-the-Lake, August 25(2), Ackermann. An unusually early record for this wanderer on Lake Erie.

Brown Creeper – Aurora, June 21(1), Hill; 23(1), Perner; Avon, July 4(1), Ackermann. In connection with the nesting record made by Hamann at Aurora last summer, these further summer records seem significant.

White-eyed Vireo – Novelty, June 1(1), Downer. Identified by characteristic song. Has been heard at same place in previous years.

Prothonotary Warbler – Aurora Pond, May 24(1), June 17(4), 21(3), 23(2) – Ramisch, Carrothers, Perner, Hill.

Grinnell Waterthrush – Nesting at Aurora, Hamann – See Breeding Bird Population Study, p. 9, Nesting Records, p. 17.

Slate-colored Junco – Another nesting record – this time in Stebbin's Gulch, Bole – See Nesting Records, p. 18, and Field Notes, p. 20.

SPECIES OCCURRENCE RECORDS
(within 30 miles of Cleveland Public Square)

NOTE: No records reported for American Bittern, Least Bittern, Whip-poor-will, Prairie Horned Lark, Cliff Swallow, Short-billed Marsh Wren, all of which, except the Cliff Swallow, are common breeding birds of the region.

Breeding Species

(Permanent Resident Species are Starred)

- Pied-billed Grebe – July 26(1), 29(2), August 23(4).
Great Blue Heron – Regularly recorded June-July-August.
Eastern Green Heron – Regularly recorded June-July-August.
Black-crowned Night Heron – June 2(1), 17(2), 23(2), 29(1), 30(4), August 8(2), 16(2), 17(1), 23(1), 25(7).
Common Mallard – Regularly recorded June-July-August.
Black Duck – July 26(2), 27(1), 29(2), August 8(3), 31(3).
Blue-winged Teal – August 31(4).
Wood Duck – Regularly recorded June-July-August.
Eastern Turkey Vulture – Regularly recorded June-July-August.
*Sharp-shinned Hawk – July 4(1), 6(1), 7(1), 12(4), 27(1).
*Cooper Hawk – Regularly recorded June-July-August.
*Eastern Red-tailed Hawk – June 1(1), 27(2), July 5(1).
*Northern Red-shouldered Hawk – Regularly recorded June-July-August.
Broad-winged Hawk – June 15(1).
Northern Bald Eagle – June 8(2), 17(1), 30(1), July 4(1), August 8(1), 16(1), 23(1).
*Marsh Hawk – Regularly recorded June-July-August.
*Eastern Sparrow Hawk – Regularly recorded June, July, August 8(2), 10(1).
*Appalachian Ruffed Grouse – June 22(7).
*Eastern Bobwhite – Regularly recorded June-July-August.
*Ring-necked Pheasant – Regularly recorded June-July-August.
Virginia Rail – June 6(1), 12(5), 30(1).
Sora – August 17(1).
Florida Gallinule – June 17(1), 21(1), 23(1), July 26(1), August 8(1), 31(3).
American Coot – June 30(1), July 26(1), August 8(2), 23(2), 31(3).
Killdeer – Regularly recorded June-July-August.
American Woodcock – Regularly recorded June-July-August.
Wilson Snipe – June 2(1), August 10(1).
Upland Plover – June 1(1), 30(2), July 4(1), 29(1), August 16(1).
Spotted Sandpiper – Regularly recorded June, July 20(5), 26(2), 29(2), August.
Eastern Mourning Dove – Regularly recorded June-July-August.
*Rock Dove – Regularly recorded June-July-August.
Yellow-billed Cuckoo – Regularly recorded June, July 13(1), August 8(2), 9(1), 14(1), 17(1), 23(1).
Black-billed Cuckoo – June 1(1), 3(1), 12(1), 14(1), 22(1), July 4(1), 6(1), 13(1), 27(1), August 3(1), 16(1), 17(1), 22(1), 23(1), 31(1).
*American Barn Owl – June 23(1), 30(1), August 8(1).
*Eastern Screech Owl – June 30(1), July 6(1), August 10(1), 31(1).
*Great Horned Owl – June 29(1), July 17(2) (seen every night for about a month – Willoughby, Margaret Sherwin).
*Northern Barred Owl – August 8(1), 25(1).
*Saw-whet Owl – August 23(1).

Eastern Nighthawk – Regularly recorded June-July-August.
Chimney Swift - Regularly recorded June-July-August.
Ruby-throated Hummingbird - Regularly recorded June-July-August.
Eastern Belted Kingfisher - Regularly recorded June-July-August.
Northern Flicker - Regularly recorded June-July-August.
*Norther Pileated Woodpecker - Regularly recorded June July 13(1), 20(1), 27(1), August 9(1).
*Red-bellied Woodpecker – June 1(1), 7(1), August 8(1).
Eastern Red-headed Woodpecker - Regularly recorded June-July-August.
*Eastern Hairy Woodpecker - Regularly recorded June-July-August.
*Northern Downy Woodpecker - Regularly recorded June-July-August.
Eastern Kingbird - Regularly recorded June, July to August 16(2).
Northern Crested Flycatcher – Regularly recorded June, July to August 16(2).
Eastern Phoebe – Regularly recorded June-July-August.
Acadian Flycatcher – Regularly recorded June, July to August 8(1).
Alder Flycatcher – Regularly recorded June, July to August 16(3).
Eastern Wood Pewee – Regularly recorded June-July-August.
Tree Swallow – June 2(3), 14(5), 17(2), 21(18), 22(6), 23(15), July 13(1), 20(2), 27(1), August 8(2), 23(4).
American Bank Swallow – June 15(3), 17(1), 21(2), 22(2), 29(1), July 4(25), 6(2), 28(1000).
Eastern Rough-winged Swallow – Regularly recorded June, July (July 28(1000)), to August 16(3).
Barn Swallow – Regularly recorded June, July to August 23(7).
Purple Martin – Regularly recorded June-July-August.
*Northern Blue Jay – Regularly recorded June-July-August.
Eastern Crow - Regularly recorded June-July-August.
*Northern Black-capped Chickadee - Regularly recorded June-July-August.
*Tufted Titmouse - Regularly recorded June-July-August.
*White-breasted Nuthatch - Regularly recorded June-July-August.
Brown Creeper – June 21(1), 23(1), July 4(1).
Ohio House Wren - Regularly recorded June-July-August.
*Carolina Wren – June 22(1), August 8(1).
Prairie Marsh Wren – June 1(6).
Catbird - Regularly recorded June-July-August.
Eastern Brown Thrasher - Regularly recorded June-July-August.
Eastern Robin - Regularly recorded June-July-August.
Wood Thrush - Regularly recorded June-July-August.
Veery – June 1(1), 7(1), 9(1), 12(1), 22(3), 27(3), 30(1), July 5(4), August 17(1), 29(1).
Eastern Bluebird - Regularly recorded June-July-August.
Blue-gray Gnatcatcher – June 1(1), 17(1), 21(6), 22(2), August 30(1).
*Cedar Waxwing - Regularly recorded June-July-August.
Migrant Shrike – July 13(3).
*Starling - Regularly recorded June-July-August.
Yellow-throated Vireo – June 1(1), 4(1), 12(1), 20(2), 22(2), 23(1), 27(2), July 5(1), August 5(1), 27(1).
Red-eyed Vireo - Regularly recorded June-July-August.
Eastern Warbling Vireo – Regularly recorded June, July 9(1), August 8(1), 12(1), 16(1).
Prothonotary Warbler – June 17(4), 21(3), 23(2).
Blue-winged Warbler – June 1(15), 7(3), 12(3), 14(1), 17(4), 22(3), 30(1), July 6(1), 20(2), 25(1), 27(1), August 16(1), 24(1).
Eastern Yellow Warbler – Regularly recorded June, July to August 24(1).

Black-throated Green Warbler – June 20(2), 30(2), July 6(1), 20(4).
Cerulean Warbler – June 1(2), 4(1), 12(2), 14(1), 17(3), 21(1), 22(4), 23(2), 27(1), 30(2),
 July 4(1), 5(2), 20(1), 26(1), August 5(1), 8(1), 16(1).
Ovenbird – Regularly recorded June, July to August 16(1).
Grinnell Waterthrush – June 4(1), 12(4), July 5(1), August 16(2).
Louisiana Waterthrush – June 1(3), 2(2), 8(1), 15(1), 22(2), 23(2), 30(1), July 4(1), 13(2),
 August 16(2), 27(1).
Northern Yellowthroat – Regularly recorded June, July to August 24(1).
Yellow-breasted Chat – June 1(2), 7(3), 12(1), 20(1), 22(3), 27(2), 30(2), July 4(4), 16(1),
 August 8(1), 16(1), 23(1).
Hooded Warbler – Regularly recorded June, July to August 23(1).
American Redstart - Regularly recorded June-July-August.
 *English Sparrow - Regularly recorded June-July-August.
Bobolink – Regularly recorded June, July 5(19), 20(4), 26(2), August 9(5).
Eastern Meadowlark – Regularly recorded June, July to August 16(2).
Eastern Red-winged Blackbird - Regularly recorded June-July-August.
Baltimore Oriole – Regularly recorded June to July 13(2). August regularly recorded.
Bronzed Grackle - Regularly recorded June-July-August.
Eastern Cowbird - Regularly recorded June-July-August.
Scarlet Tanager - Regularly recorded June-July-August.
 *Eastern Cardinal - Regularly recorded June-July-August.
Rose-breasted Grosbeak - Regularly recorded June-July-August.
Indigo Bunting – Regularly recorded June, July to August 23(3).
 *Eastern Goldfinch – Regularly recorded June-July-August.
Red-eyed Towhee - Regularly recorded June-July-August.
Southeastern Savannah Sparrow – June 27(2), July 5(4), 20(3), August 3(3).
Eastern Grasshopper Sparrow – Regularly recorded June 17(2), to August 23(2).
Western Henslow Sparrow – Regularly recorded June 22(2) to August 16(4).
Eastern Vesper Sparrow – June 1(2), 9(2), 27(6), 30(1), July 4(3), 7(1), 16(1), 29(2),
 August 8(1).
 *Slate-colored Junco – June 20(1), July 6(1), 20(1).
Eastern Chipping Sparrow – Regularly recorded June-July-August.
Eastern Field Sparrow - Regularly recorded June-July-August.
Eastern Swamp Sparrow – Regularly recorded June, July 5(1), 16(3), August 5(2), 10(3).
 *Mississippi Song Sparrow - Regularly recorded June-July-August.

Migrant and Vagrant Species

American Egret – July 27(1), August 5(1), 10(3), 20(2).
Little Blue Heron – August 19(1), 22(2), 23(2), 24(1), 25(2).
American Osprey – June 17(1), July 4(1), August 8(1).
Semipalmated Plover – August 6(1), 10(6), 11(9), 13(1), 24(5), 31(4).
Solitary Sandpiper – June 2(2), 23(1), 30(1), July 20(1), August 2(6), 8(2), 17(18), 24(4).
Greater Yellowlegs – August 17(1), 24(1).
Lesser Yellowlegs – August 17(1), 24(3).
Pectoral Sandpiper – August 2(6), 4(35), 6(6), 24(4).
Least Sandpiper – July 20(25), August 4(6), 6(1), 8(3), 10(2), 11(4), 13(3), 24(8), 31(4).
Stilt Sandpiper – August 17(1) (Upper Shaker Lake – Newman).
Semipalmated Sandpiper – July 26(12), August 4(30), 6(18), 8(12), 11(5), 24(6), 31(1).

Great Black-Backed Gull – August 25(2).
American Herring Gull – June 9(2), 14(12), 21(1), 23(2), 30(2), July 26(2), 29(2), August 8(3), 16(4) 17(10), 23(6), 31(3).
Ring-billed Gull – June 14(7), August 10(9), 11(2), 13(6), 23(2), 27(1), 31(30).
Bonaparte Gull – August 8(4), 11(1), 13(15), 16(2), 27(12), 31(50).
Common Tern – June 14(2), 23(4), 30(2), July 29(1), August 8(7), 10(28), 11(2), 16(9), 23(2), 31(25).
Yellow-bellied Flycatcher – August 31(1).
Least Flycatcher – June 9(1), 20(1), 29(1).
Red-Breasted Nuthatch – July 4(1).
Eastern Winter Wren – August 30(2).
Olive-backed Thrush – June 1(3), 2(1), 3(1), 4(2), 8(2).
Gray-cheeked Thrush – June 1(1), 2(1).
Eastern Ruby-crowned Kinglet – June 7(1).
White-eyed Vireo – June 1(1).
Blue-headed Vireo – June 20(3).
Black and White Warbler – August 8(1), 16(1), 22(1), 23(1).
Nashville Warbler – June 1(2).
Magnolia Warbler -June 20(1), August 21(1).
Chestnut-sided Warbler – June 2(1).
Bay-breasted Warbler – August 16(1).
Black-polled Warbler – June 1(2).
Northern Pine Warbler – August 16(2).
Mourning Warbler – June 20(2).
Wilson Warbler – August 21(1).
Canada Warbler – June 1(1), 2(1), 12(1), 20(2), August 16(1), 18(1), 29(2).
Orchard Oriole – August 16(1).
Eastern Purple Finch – June 15(1).

FIRST DATES FOR AUTUMN MIGRATION

Shorebirds

July 20 – Solitary Sandpiper (1), Least Sandpiper (25)
 July 26 – Semipalmated Sandpiper (12)

August 2 – Pectoral Sandpiper (6)
 August 6 – Semipalmated Plover (1)
 August 17 – Greater Yellowlegs (1), Lesser Yellowlegs (1),
 Stilt Sandpiper (1)

Warblers

August 8 – Black and White Warbler (1)
 August 16 – Bay-breasted Warbler (1), Pine Warbler (2),
 Canada Warbler (1)
 August 21 – Magnolia Warbler (1), Wilson Warbler (1)

BREEDING BIRD POPULATION STUDIES

I.

Small pond and border, with cattails, sedges, sphagnum moss, sensitive and marsh ferns, and a few thorns, small elms, and red maples. Total area 15.3 acres (with 4 ½ acres of water, ½ acre of cattails).

Location: Southwest corner of North Chagrin Reservation of Cleveland Metropolitan Parks.

Census by Vera Carrothers.

Breeding Bird Population

<u>Species</u>	<u>Pairs</u>				
	<u>1943</u>	<u>1944</u>	<u>1945</u>	<u>1946</u>	<u>1947</u>
Woodcock			1	1	1
Green Heron	1	1			
Least Bittern	1	2			
Virginia Rail	1	1	1	1	2
Mourning Dove	1	1	3	2	2
Yellow-billed Cuckoo					1
Black-billed Cuckoo		1			
Kingbird			1		
Phoebe	1		1	1	
Alder Flycatcher	5	3	11	8	8
Catbird	3	7	5	5	8
Brown Thrasher	1	1	1	1	1
Robin	1	5	8	7	3
Cedar Waxwing		1		3	3
Red-eyed Vireo				1	
Yellow Warbler	8	8	5	4	7
Northern Yellowthroat	2	5	4	3	6
Red-winged Blackbird	43	25	17	21	25
Cowbird				1	
Goldfinch			5	1	2
Towhee		2	1	3	2
Field Sparrow	1	1	1	6	4
Song Sparrow	6	9	15	10	10
<u>Total Pairs</u>	75	73	80	79	85
<u>Number of Species</u>	16	18	17	18	17
<u>Density (Pairs per 100 acres)</u>	490	477	523	516	555

II.

Upland Swamp Forest and Marsh. Total area about 20 acres.

Location: Aurora Township, Portage County, Ohio.

Census by Carl F. Hamann.

Breeding Bird Population

<u>Species</u>	<u>Pairs</u>	
	<u>1946</u>	<u>1947</u>
Common Mallard	1	1
Black Duck	1	0
Mourning Dove	2	0
Yellow-billed Cuckoo	0	2
Ruby-throated Hummingbird	1	2
Hairy Woodpecker	1	0
Downy Woodpecker	1	1
Crested Flycatcher	1	0
Acadian Flycatcher	1	0
Alder Flycatcher	1	0
Wood Pewee	2	2
Crow	1	0
Black-capped Chickadee	2	2
Tufted Titmouse	0	1
White-breasted Nuthatch	1	1
House Wren	3	1
Catbird	9	5
Robin	0	1
Wood Thrush	1	2
Veery	0	1
Cedar Waxwing	3	2
Red-eyed Vireo	1	2
Blue-winged Warbler	1	0
Grinnell Waterthrush	3	2
Yellow Warbler	12	8
Northern Yellowthroat	3	2
Yellow-breasted Chat	1	1
Redstart	1	1
Cowbird	2	2
Scarlet Tanager	1	2
Cardinal	3	2
Rose-breasted Grosbeak	1	0
Goldfinch	0	2
Red-eyed Towhee	2	2
Swamp Sparrow	2	2
Song Sparrow	15	8
<u>Total Pairs</u>	80	60
<u>Number of Species</u>	31	27
<u>Density (Pairs per 100 acres)</u>	400	300

III.

Oak-hickory forest. Total are approximately 50 acres.

Location: Brecksville Reservation of Cleveland Metropolitan Parks.

Census by Harold E. Wallin.

Breeding Bird Population

<u>Species</u>	<u>Pairs</u>	
	<u>1946</u>	<u>1947</u>
Hairy Woodpecker	0	1
Downy Woodpecker	3	1
Crested Flycatcher	1	0
Acadian Flycatcher	2	2
Wood Pewee	4	4
Black-capped Chickadee	1	3
Tufted Titmouse	4	6
White-breasted Nuthatch	0	4
Ohio House Wren	0	1
Wood Thrush	5	6
Blue-gray Gnatcatcher	0	1
Yellow-throated Vireo	5	3
Red-eyed Vireo	12	9
Blue-winged Warbler	1	0
Cerulean Warbler	17	14
Ovenbird	20	8
Louisiana Waterthrush	2	3
Hooded Warbler	4	6
Redstart	16	17
Cowbird	Present	Present
Scarlet Tanager	5	4
Cardinal	2	3
Rose-breasted Grosbeak	1	1
Indigo Bunting	1	1
Red-eyed Towhee	0	2
<u>Total Pairs</u>	106	100
<u>Number of Species</u>	20	23
<u>Density (Pairs per 100 acres)</u>	212	200

IV.

Climax beech-maple forest with some hemlock. Total area 65 acres.

Location: North Chagrin Metropolitan Park.

Census by Arthur B. Williams. Censused each year 1932 to 1947 (except 1942)

Figures for the last 5 years are given below.

<u>Species</u>	<u>Pairs</u>				
	<u>1943</u>	<u>1944</u>	<u>1945</u>	<u>1946</u>	<u>1947</u>
Black-billed Cuckoo	0	0	0	0	1
Barred Owl*	1	1	1	1	0
Pileated Woodpecker	1	0	1	1	1
Red-bellied Woodpecker	1	1	1	1	0
Hairy Woodpecker	3	3	2	2	1
Downy Woodpecker	4	4	3	4	3
Crested Flycatcher	3	2	3	3	4
Phoebe	1	1	2	2	2
Acadian Flycatcher	6	6	3	7	5
Wood Pewee	6	6	6	8	8
Blue Jay	1	1	3	0	1
Black-capped Chickadee	4	3	3	2	5
White-breasted Nuthatch	3	4	3	4	3
Robin	0	1	0	0	0
Wood Thrush	6	12	18	18	20
Yellow-throated Vireo	2	3	1	2	1
Red-eyed Vireo	20	20	23	33	34
Cerulean Warbler	2	2	3	5	4
Black-throated Green Warbler	3	3	3	4	3
Ovenbird	18	25	22	14	25
Louisiana Waterthrush	4	4	2	3	4
Hooded Warbler	13	12	12	11	15
Redstart	5	5	9	14	12
Scarlet Tanager	4	4	7	8	7
Cowbird	1	1	1	2	2
Cardinal	4	3	3	3	2
Rose-breasted Grosbeak	4	3	5	2	4
Red-eyed Towhee	1	0	0	0	0
<u>Total Pairs</u>	127	139	146	160	170
<u>Number of Species</u>	27	26	26	25	25
<u>Density (Pairs per 100 acres)</u>	195	214	225	246	261

INTERESTING RECORDS FROM NEIGHBORING LOCALITIES

Berlin Reservoir

August 3 – Bald Eagle 1, Greater Yellowlegs 1, Western Sandpiper 2 – J. E. Liefstinck.

Wingfoot Lake

August 3 – Wood Duck 12; August 24 – American Egret 1, Little Blue Heron 2 – J. E. Liefstinck.

Camp Muskingum, Conotton, Ohio

June 29 – Turkey Vulture 1, Sparrow Hawk 1, Upland Plover 2, Pileated Woodpecker 1, Carolina Chickadee 1, Kentucky Warbler 3, Yellow-breasted Chat 2, Indigo Bunting 13, Grasshopper Sparrow 5, Henslow Sparrow 1, Vesper Sparrow 2 – Owen Davies.

Madison

June 14 – Turkey Vulture 1, Acadian Flycatcher 2, Blue-winged Warbler 2, Nashville Warbler 2, Black-throated Green Warbler 2, Cerulean Warbler 4, Ovenbird 6, Louisiana Waterthrush 2, Hooded Warbler 2, Redstart 6, Cowbird 50, Henslow Sparrow 6, Vesper Sparrow 6, Chipping Sparrow 2, Song Sparrow 6 – L. P. Barbour.

Mosquito Creek Reservoir

Pied-billed Grebe, August 31(2); Great Blue Heron, August 3(6), 31(10); American Egret, August 31(1); Mallard, August 31(24); Black Duck, August 31(27); Blue-winged Teal, August 3(5), 31(3); Wood Duck, August 31(40); Turkey Vulture, August 31(1); Red-tailed Hawk, August 31(1); Bald Eagle, August 9(1), 31(3); Marsh Hawk, August 31(3); Osprey, August 31(1); Duck Hawk, August 31(2); Sora, August 9(1 dead); Florida Gallinule, August 31(3); Coot, August 31(3); Semipalmated Plover, August 31(12); Killdeer, August 3(12), 31(20); Golden Plover, August 31(2); Black-bellied Plover, August 31(1), Ruddy Turnstone, August 31(1); Wilson Snipe, August 9(1); Solitary Sandpiper, August 31(1); Greater Yellowlegs, August 31(6); Lesser Yellowlegs, August 3(6), 31(50); Pectoral Sandpiper, August 3(12), 31(40); White-rumped Sandpiper, August 31(2); Baird Sandpiper, August 9(1); Least Sandpiper August 31(5); Dowitcher, August 9(1); Semipalmated Sandpiper, August 3(8), 31(20); Western Sandpiper, August 3(1); Northern Phalarope, August 31(2); Caspian Tern, August 31(7); American Pipit, August 31(6) – Leta E. Adams, R. W. Hill, J. E. Liefstinck, Marjorie Ramisch.

Pymatuning

Loon, July 13(2); Great Blue Heron, July 13(12), August 10(6); American Egret, August 10(3), 31(6); Snowy Egret, August 31(2) (Liefstinck); Least Bittern, July 13(1); Mallard, July 13(3), August 10(4); Black Duck, August 10(1); Wood Duck, August 10(3); Turkey Vulture, July 13(3), August 10(9); Red-tailed Hawk, July 13(1); Red-shouldered Hawk, July 13(2); Bald Eagle, August 31(1); Florida Gallinule, August 10(1); Semipalmated Plover. August 10(2), 13(1); Killdeer, August 10(50);

(Pymatuning)

Upland Plover, July 13(6); Spotted Sandpiper, August 10(1); Solitary Sandpiper, August 10(2), 13(4); Greater Yellowlegs, August 10(23); Lesser Yellowlegs, August 13(1); Pectoral Sandpiper, August 10(30), 13(1); Least Sandpiper, August 13(1); Semipalmated Sandpiper, August 10(12), 13(1); Herring Gull, August 10(2); Ring-billed Gull, July 13(6); Black Tern, August 10(1), 13(1); Red-winged Blackbird, August 10(300) – Vera Carrothers, Owen Davies, John E. Lieftinck, Margaret Perner.

Sandusky and Lake Erie Islands

Loon, July 16(3); Pied-billed Grebe, June 28(1), August 26(17), 27(54); Double-crested Cormorant, June 8(1); Great Blue Heron, June 8(7), July 9(4), 16(9), August 26(13), 27(5); American Egret, August 26(3), 27(5); Green Heron, August 26(6); Black-crowned Night Heron, June 8(18), 28(3), July 9(3), 16(4), August 26(1), 27(4); Least Bittern, July 16(1), August 26(1); Mallard, June 8(2), August 26(1), 27(4); Black Duck, June 8(5), July 16(3), August 26(39), 27(34); Blue-winged Teal, August 26(43); Wood Duck, July 9(1); Turkey Vulture, July 9(4), 16(3); Cooper Hawk, July 9(2), August 27(2); Red-shouldered Hawk, July 9(1), August 27(2); Bald Eagle, June 28(1), July 9(2), 16(1); Marsh Hawk, July 9(2), 16(1); Osprey, August 27(1); Sparrow Hawk, June 8(1), July 9(3), August 27(1); King Rail, August 26(1); Florida Gallinule, June 28(4), July 16(2), August 26(4), 27(43); Coot, June 28(10), July 9(2), 16(2), August 26(6), 27(14); Wilson Snipe, August 27(1); Upland Plover, July 9(2), 16(1); Solitary Sandpiper, July 9(2), 16(1); Semipalmated Sandpiper, August 26(1), 27(2); Herring Gull, June 8(250), July 9(6), 16(3), August 26(30), 27(3); Ring-billed Gull, August 26(42), 27(5); Bonaparte Gull, July 9(4), 16(6), August 26(1); Common Tern, June 8(1100), July 9(3), 16(9), August 26(9), 27(4); Caspian Tern, August 26(17), 27(26); Black Tern, June 8(5), July 9(2); Red-bellied Woodpecker, July 16(1); Red-winged Blackbird, June 8(63), July 16(150), August 26(2000), 27(9000); Orchard Oriole, June 8(1), July 16(1) – Fred J. Ackermann, Owen Davies, Margaret Perner.

NESTING RECORDS

Great Blue Heron – Aurora, June 19, colony (4 nests) in woods at southeast end of Aurora Lake. Young observed in two nests, all trees dead and leafless – Carl F. Hamann.

Green Heron – Aurora, June 22, nest in wild apple 15' from ground, 30' from pond. Five young about half grown in nest, adults present – C. F. Hamann.

Blue-winged Teal – Mosquito Creek, August 3, pair with three young – R. W. Hill.

Wood Duck – Hinckley Picnic Ground, June 1, female seen in old Pileated Woodpecker hole (See Pileated Woodpecker-Wood Duck-Flicker, Bird Calendar, Vol. 43, No. 2, P. 11) – Roland O. Hartman.

– Willoughby, June 14, female and 8 young at foot of steps to house – Mildred Eastman

Sharp-shinned Hawk – North Chagrin Metropolitan Park, July 12, nest in 12-inch hemlock near deep ravine, 30' up in crotch, composed of small dead hemlock twigs. Four young birds, 3 about ready to fly, taken from nest and placed in cage at Trailside Museum – George King.

Broad-winged Hawk- Akron Metropolitan Park, June 15, bird on nest 20' up in fork of tree. Possibly first Summit County record – J. E. Lieftinck.

Ruffed Grouse – Novelty, June 22, adult and 6 young – C. T. Downer.

Virginia Rail – North Chagrin Metropolitan Park, June 6, female flushed from nest containing on egg. Later nest deserted, probably because of high water – Vera Carrothers.

- North Chagrin Metropolitan Park, May 24, nest and 11 eggs. June 3, 6, 9, eight eggs. June 12, eggs hatched, at 5 A.M. 2 wet black young and 1 egg pipped. 5 others eggs. 6 P.M., 3 young scrambled out of nest, 3 unhatched eggs left – Vera Carrothers.

Coot – Port Clinton, July 29, eight young in downy stage with red around head and neck – Vera Carrothers.

Killdeer – Forest Hill Park, nest and 4 eggs in grassy field. Shortly before hatching, eggs scattered by horse-drawn mower and 1 egg crushed. June 25, first egg hatched, other 2 eggs hatched later that day or early next morning. June 26, 3 young at nest site. – Donald L. Newman.

Woodcock – Cleveland, June 2, nest, 4 eggs, on ground in midst of tall grasses and weeds, nest lined with grasses (no leaves). June 7, bird on nest incubating – Margarette E. Morse.

Spotted Sandpiper – Lake Paw Paw, June 7, nest on grassy banks with 4 eggs – Adela Gaede.

Mourning Dove – North Chagrin Metropolitan Park, July 1, nest completed. July 3, two eggs. July 17, one young hatched. July 31, left nest – Vera Carrothers.

Yellow-billed Cuckoo – Chesterland, June 7, nest being constructed in thorn apple tree about 10' up. One bird (male?) brought twigs to other (female?) who put material in place. Twigs brought 6 times in about 10 minutes – Margarette E. Morse.

- Aurora, June 20, nest, 4 eggs in Viburnum 6' up. June 24, female on nest. July 2, one broken egg on ground, one cold egg in nest, adults absent – C. F. Hamann.
- Aurora, June 17, nest and 2 eggs in blackberry tangle 4' up, female incubating. June 20, nest deserted, eggs cold – C. F. Hamann.
- Aurora, June 22, nest in hawthorn 7' up, 3 eggs, 1 young, adult present – Carl F. Hamann.
- Novelty, June 22, female on nest 6' up in small maple tree, eggs – C. T. Downer.

Black-billed Cuckoo- Aurora, June 3, nest, 3 eggs in hawthorn 4' up, adult incubating – C. F. Downer.

- Aurora, June 14, nest in brushy field in hawthorn 4' up, adult brooding one half-grown young. Nest contained also one unhatched egg – C. F. Hamann.

Nighthawk – Rocky River, on roof of Beach Cliff Theater, July 13-14, second set of eggs laid. August 2, eggs, hatched. Bird moved eggs daily, total about 7' from original spot. August 19, both young flew – Guy Wentz.

Ruby-throated Hummingbird- Aurora, June 4, nest and 2 eggs on dead branch of swamp white oak 10' up. June 12, female incubating. June 17, nest deserted, eggs gone – C. F. Hamann.

- Linesville, Pennsylvania, July 13, adult incubating on nest 15' up in black maple – Owen Davies.

Flicker – Hinckley Picnic Ground, July 13, 20, male and female feeding 3 young in sycamore stub. July 27, nest vacant (See Pileated Woodpecker-Wood Duck-Flicker, Bird Calendar, Vol. 43, No. 2, P. 11) – Roland O. Hartman.

- Lakewood, August 2, adults feeding 1 young bird out of nest – Owen Davies.

Pileated Woodpecker – Windham, June 5, nest, 3 young, fed by female – Ralph W. Dexter.

- North Chagrin Metropolitan Park, June 14-21, one young in nesting hole – Vera Carrothers.

Red-headed Woodpecker – Forest Hill Park, June 20-24, young in nesting hole – Vera Carrothers.

- Lakewood Park, August 4, adult feeding 2 young out of nest. August 15, 3 adults, 5 young. August 27, 2 adults, 2 young – Owen Davies.

Downy Woodpecker – Lakewood, August 27, adult feeding 2 young out of nest – Owen Davies.

Kingbird Aurora, July 16, poorly concealed nest in wild apple 5 ½' up, three young well grown being fed by adults – C. F. Hamann.

- Lakewood Park, August 15, 2 adults feeding 1 young out of nest – Owen Davies.

Phoebe- Ohio Conservation Laboratory, Camp Muskingum, Conotton, Ohio, June 29, 2 pairs, bird on nest under girders of camp buildings in both cases – Owen Davies.

- Cleveland, June 7, adults feeding 2 young a day or so old in nest – Margarette E. Morse.

Acadian Flycatcher – Elyria, June 8, adult adding material to nearly completed nest 15' up on beech limb – Frank M. Phelps.

- North Akron, June 15, flimsy semi-pensile nest overhanging creek, 3 eggs – J. E. Lieftinck.
- Aurora, June 14, nest, 3 eggs at edge of woods 12-15' up between fork of branch of hawthorn, 1 adult near – C. F. Hamann.

Alder Flycatcher – North Chagrin Metropolitan Park, June 6, nest started. June 12, first egg laid. June 15-24, 3 eggs. June 30-July 6, young – Vera Carrothers.

- North Chagrin, July 3-6, young in nest – Vera Carrothers.
- North Chagrin, June 12, 15, nest building. June 30, July 3, eggs. July 6, young – Vera Carrothers.
- North Chagrin, July 17, young just out of nest – Vera Carrothers.
- Aurora, June 22, nest in hawthorn 6' from ground, 100' from pond, suspended from branch. Three eggs plus 1 cowbird egg. Adults in vicinity – C. F. Hamann.
- Aurora, June 22, nest in hawthorn suspended from branch 30' from pond. Four eggs, adults in vicinity – C. F. Hamann.
- Elyria, July 21, nest about 5' up in thick elm sapling in dense clump of vines and saplings near small stream. Four young almost ready to leave nest – Frank M. Phelps.

Wood Pewee – Aurora, June 12, nest on top of fork of elm branch 40' up, female on nest. June 17, 20, female on nest. June 24, female not seen – C. F. Hamann.

- Aurora, July 4, nest on fork in branch of willow 50' above Tinker's Creek in Summit County, adults feeding and brooding young – C. F. Hamann.
- Novelty, June 22, nest on horizontal limb of locust tree 12 feet from ground, 2 eggs – C. T. Downer.

Tree Swallow – Holden Arboretum, June 14, adult feeding young in bird house on a stake in Buttonbush Bog – Owen Davies.

- Aurora, June 21, 3 pairs nesting in dead stubs in lake – Owen Davies.

Bank Swallow – Novelty, June 22, adults going in and out of hole 4' above water in blue clay bank – C. T. Downer.

White-breasted Nuthatch – Lakewood Park, August 15, 2 adults feeding 4 young out of nest – Owen Davies.

- House Wren – Avon, June 4, nest and 6 eggs in bird house 8' up in locust tree. June 29, 6 young left nest – Fred J. Ackermann.
- Avon, June 7, 150' from above nest, 2 eggs. June 9, one egg punctured. June 11, both eggs gone, nest deserted – Fred J. Ackermann.
 - Aurora, July 29, nest in “bluebird” house, 7 eggs. August 12 well grown young being fed by parents. August 16, young still in nest – C. F. Hamann.
 - Olmsted Falls, August 17, adult feeding 3 young in bird box on fence post 5' from ground – Owen Davies.
- Prairie Marsh Wren- Aurora, June 1, nest with 2 eggs in cattail swamp – Vera Carrothers, Carl F. Hamann.
- Catbird- Aurora, August 12, nest in wild apple, 3 half grown young – C. F. Hamann.
- Aurora, June 3, nest, 4 eggs in hawthorn 3' up, female incubating – C. F. Hamann.
 - Rocky River, June 21, adult feeding 1 young bird out of nest – Owen Davies.
- Brown Thrasher – North Chagrin Metropolitan Park, May 24, nest building. May 27, 2 eggs. May 30, June 3, 3 eggs. June 15, 17, 24, young. June 30, empty – Vera Carrothers.
- Lakewood, June 24, adults feeding 2 young out of nest – Owen Davies.
- Wood Thrush – Aurora, June 3, nest in wild apple tree at edge of woods, 6' up, 4 eggs, male in vicinity – C. F. Hamann.
- Novelty, June 15, young birds just leaving nest – C. T. Downer.
- Blue-gray Gnatcatcher – Aurora Pond, June 1, nest under construction – Margaret E. Perner.
- Cedar Waxwing – Aurora, June 27, nest in hawthorn 5 ½' up in open fields near woods and cattail marsh. Four eggs, female incubation – C. F. Hamann.
- Aurora, July 7, nest in wild apple tree 5' up, 3 eggs, adults present – C. F. Hamann.
 - Aurora, June 11, building nest between branch and trunk in Lombardy Poplar 40' up in yard, one bird apparently carrying material while other built – C. F. Hamann.
 - North Chagrin Metropolitan Park, July 3, 6, three eggs. July 17, 3 young a few days old. July 20, nest empty – Vera Carrothers.
 - Elyria, July 13, nest 15' up far out on limb of sycamore in same tree with nesting Rose-breasted Grosbeaks. June 20, feeding small young – Frank M. Phelps.
- Red-eyed Vireo – Rocky River Reservation, August 16, adult feeding 2 young in nest 20' up near top of black locust along hillside – Owen Davies.
- Warbling Vireo – Lakewood, May 22, 23, 30, June 4, adult singing in same general area. June 12, bird incubating eggs in nest 17' up in crotch of American elm. June 23-28, June 30-July 3, adult feeding young in nest. July 5, adults feeding 3 young in tree near one containing nest – Owen Davies.
- Blue-winged Warbler – Camp Cardinal (Ashtabula County), June 12, nest on ground at base of clump of goldenrod at edge of woods, 4 eggs of warblers, 2 of cowbird. June 18, 4 warbler eggs hatched – James W. Gebhart.
- Yellow Warbler – North Chagrin Metropolitan Park, May 17, nest begun, adult on or near nest until June 15 – Vera Carrothers.
- North Chagrin, May 30, 2 eggs. June 3, 3 eggs. June 13-15, eggs hatched. June 20-24, young left between these dates – Vera Carrothers.
 - North Chagrin, June 3-12, 5 eggs. June 15, 19, young. June 24, young about ready to leave nest – Vera Carrothers.
 - Aurora, June 1, nest in elderberry 8' from ground, 2 eggs – C. F. Hamann.

Ovenbird – North Chagrin Metropolitan Park, June 15, nest at base of small seedling beech in open space in beech-maple woods, 3 young in nest apparently about 4 days old – Arthur B. Williams.

- Chardon, June 23, nest in large bed of wintergreen, one young bird visible. June 25, young bird gone, one egg remaining, nest deserted- Ruth R. Kennan.

Grinnell Waterthrush – Aurora, June 4, nest, 4 eggs in hole at base of dead stump. June 12, nest empty – C. F. Hamann.

Kentucky Warbler – Ohio Conservation Laboratory, Camp Muskingum, Conotton, Ohio, June 29, adult singing and feeding two young birds out of nest – Owen Davies.

Yellow-breasted Chat – Elyria, June 12, nest in thick beech spling with 3 chat eggs, 3 cowbird eggs. Deserted after removal of cowbird eggs. June 20, new nest completed 50 yards away – Frank M. Phelps.

- Novelty, June 22, nest about 4' from ground in thick tangle of bushes, 1 egg, 1 young bird, female on nest – C. T. Downer.

Hooded Warbler- North Chagrin Metropolitan Park, June 4, nest in beech-maple woodland in tangle of fallen branches and grapevine 30" from ground, 4 eggs of warbler, , 1 of cowbird, female incubating . June 15, female on nest sitting very close – Arthur B. Williams.

- Novelty, June 22, nest in small maple seedling 2' up, 3 eggs – C. T. Downer.

Redstart – North Chagrin Metropolitan Park, May 22, nest building begun in sugar maple sapling about 15' up. June 21, female feeding young in nest. June 24, both parents feeding young in nest – Harold E. Wallin.

- Aurora, June 22, nest in fork of hawthorn 8' up in woods in creek valley, 4 eggs, female incubating – C. F. Hamann.

Bobolink – North Akron, June 22, nest in meadow, 2 eggs, 2 newly hatched young – J. E. Lieftinck.

- Shaker Heights, June 22, nest in grassy field hidden deep among coarse grass, daisies and clover, with 5 young fully feathered and with eyes open. June 24, nest empty, adults calling nearby – Donald L. Newman.

Red-winged Blackbird – Hinckley, cattail marsh at south end of lake. June 1, 10 nests observed, 7 containing 3 to 4 eggs, and 3 containing 3 to 4 newly hatched young. Twenty-five to thirty nests in the area. Two apparently deserted nests, with eggs, found which had been under water as indicated by presence of mud on the eggs – Roland O. Hartman.

Baltimore Oriole- Avon Lake, July 2, adults feeding 1 young out of nest – Owen Davies.

*Cowbird – Aurora, June 12, in nest of swamp sparrow 3 eggs of cowbird, no sparrow's eggs, nest abandoned – C. F. Hamann.

- Elyria, June 12, in nest of chat, 3 chat's eggs, 3 cowbird's eggs – Frank M. Phelps.
- North Chagrin Metropolitan Park, June 4, in nest of hooded warbler, 4 warbler's eggs, 1 cowbird egg – Arthur B. Williams.
- Camp Cardinal (Ashtabula County), June 12, in nest of blue-winged warbler, 4 warbler's eggs, 2 cowbird's eggs – James W. Gebhart.
- Bedford, July 26, northern yellowthroat feeding 1 young cowbird – Owen Davies.
- North Chagrin, June 3, 3 song sparrow eggs, 1 cowbird egg – Vera Carrothers.

Scarlet Tanager- Novelty, June 22, nest in cherry tree 12' up, male feeding young – C. T. Downer.

- Aurora, July 8, nest on elm tree branch 50' up. Male observed going to an at the nest – C. F. Hamann.
- Chardon, May 29, building nest on flat crotch on branch of beech tree 20' up over park road. June 21, parents feeding young. June 26, 1 young out of nest. June 27, nest abandoned – Ruth R. Kennan.

- * – Aurora, June 22, in Nest of alder flycatcher, 3 eggs of flycatcher, 1 egg of cowbird – C. F. Hamann.

Cardinal – North Chagrin Trailside Museum, August 18, young bird in grapevine tangle with parents chipping nearby – Edward P. MacArthur.

- Lakewood, June 23-July 1, adults feeding young bird at window feeder. August 7, adults feeding young bird of second brood (female banded) – Owen Davies.
- Chardon, June 10, pair building in rose bush at edge of woods. Later 2 eggs in nest, nest torn out of place by unknown predator and deserted – Ruth R. Kennan.

Rose-breasted Grosbeak – Novelty, June 22, nest about 4' above ground, 4 young in bushes nearby – C. T. Downer.

- North Chagrin Trailside Museum, August 10, 12, young birds calling and being fed by parents near museum – E. P. MacArthur.
- Aurora, June 3, skimpy nest of grass and rootlets in hawthorn 8' up, female incubating, counted 4 eggs through bottom of nest – C. F. Hamann.
- Elyria, July 13, nest 15' up far out on limb of sycamore in same tree with nesting Cedar Waxwings. June 20, 3 young left nest – F. M. Phelps.

Indigo Bunting - Elyria, June 8, nest in tangle of berry vines and saplings along old fence about 2' from ground in maple sapling. Nest just completed. June 15, 4 eggs – Frank M. Phelps.

- Novelty, June 22, Nest in briar bush 6' up, 3 young – C. T. Downer.

Goldfinch – Cleveland, August 2, one nest half completed; another nest, bird incubating – Blanche Scott.

- Aurora, July 18, nest in Viburnum bush 8' up. July 29, female incubating 4 eggs – C. F. Hamann.
- Aurora, August 8, nest in hawthorn in field 4' up, female incubating 5 eggs – C. F. Hamann.
- Aurora, August 12, nest in hawthorn 6' up, female brooding 3 recently hatched young, 1 unhatched egg – C. F. Hamann.
- Aurora, August 9, nest in small bushy elm in field, 2 eggs, female incubating. August 15, female incubating. August 22, female Flushed from nest – C. F. Hamann.
- Aurora, August 22, nest in small elm 6' up, 4 young half grown, adult calling nearby, August 28, nest empty except for 1 dead young – C. F. Hamann.
- North Chagrin Metropolitan Park, August 2, 4, bird incubating. Later nest deserted – Vera Carrothers.
- Aurora, July 26, 2 nests in thorn bushes, one not quite completed, second nest ready for eggs – F. M. Phelps.

Red-eyed Towhee – Fullerton, June 7, 3 young in nest at base of small tree – Adela Gaede.

Slate-colored Junco – Stebbin's Gulch, June 20, nest, 4 eggs- B. P. Bole, Jr.

Field Sparrow – Fullerton, June 7, nest on ground, 4 eggs – Adela Gaede.

- Novelty, June 15, nest and 3 eggs – C. T. Downer.
- Aurora, July 16, nest, 3 eggs in small hawthorn 2' from ground, adult flushed from nest – C. F. Hamann.
- Cleveland Heights, May 23, nest, 2 eggs in small orchard on ground at base of tuft of grass. Female flushed from nest until June 3, 4, when necessary to prod her off eggs. June 5, 2 young. June 9, young drew back in nest when touched. June 12, scattering of feathers by empty nest – Donald L. Newman.

Swamp Sparrow – Aurora, June 12, 3 eggs in cattail-filled pot hole. Eggs cold, nest deserted. Eggs large, probably cowbird's. Male sparrow singing in vicinity since April 8 – C. F. Hamann.

- Song Sparrow – Novelty, June 22, nest 8" from ground in blackberry bush, 5 young – C. T. Downer.
- North Chagrin Metropolitan Park, June 3, 3 sparrow, 2 cowbird eggs. June 6, nest empty – Vera Carrothers.
 - North Chagrin Metropolitan Park, June 15, 4 eggs. June 19, nest empty – Vera Carrothers.
 - Lakewood, June 22, adults feeding 3 young out of nest in back yard – Owen Davies.

FIELD NOTES

Red-winged Blackbird Predation – Last year I hoped that an observation blind built at the edge of the pond at North Chagrin might enable me to find out what is destroying the eggs of the red-winged blackbirds that nest there. In 1943, the first year of my breeding bird population study there, nearly all the red-wing nests were successful. In succeeding years, eggs disappeared from more than half of the nests. Nearly all this predation apparently occurred before incubation started. The mortality was not greater than that of the land birds on this area, but because of the uniformity of the location of the red-wing nests and their relative visibility, it seemed that it might be more possible to determine the cause of red-wing losses.

Everyone had a guess about what the predator might be, but no one had ever actually seen eggs being taken. Crows and a Cooper Hawk often fly over the pond, and in 1946 a dead mink was picked up on the road nearby. All these have been suspect. Other guesses have been: snakes, turtles, skunks, raccoons, muskrats – but these are just guesses. Many hours were spent in the blind in 1946 and 1947, but I was never able to see a single nest being disturbed. Yet in 60 nests in which there were eggs from May 7 to June 24, 1947, only 24 nests were probably successful. From 33 nests the eggs disappeared; the young birds were missing from 2; and in 1 the young all died in the nest. Have any of the Calendar's readers ever observed any bird or other animal robbing a red-wing's nest? – Vera Carrothers.

Albino Robins have been more frequently reported this summer than usual. Some are said to be completely white, others partially white. Harold Metz, aged 12, who lives at 3710 Meadowbrook Boulevard, Cleveland Heights, reports seeing a young robin, able to fly, completely white, August 11, 1947. Maybe Cleveland is becoming a center of albinism among robins. – Editor.

Sharp-shinned Hawk – North Chagrin Metropolitan Park. Nest in 12-inch hemlock tree near edge of deep ravine just north of "Buttermilk Falls". The location is in the woods edge, adjoining open fields. This tree is surrounded by second growth trees and stands between a bridle path and foot trail, and within a few feet of each. The nest is about 30 feet up in crotch made by main stem and two upright side branches due to some deformity. Examination from ground with 7x35 glasses seems to indicate that it is composed entirely of small dead hemlock twigs, such as are abundantly present on the ground underneath the tree. The nest was discovered by George King. On July 12, four young birds, three of which were about ready to fly, were taken from this nest and placed in one of the cages at the Trailside Museum in the park. If 23-24 days are allowed since hatching, and 21-24 days for incubating, then the eggs were probably laid the last week in May – A. B. Williams.

A Trip to Stebbin's Gulch – The following notes came from B. P. Bole, Jr. just after he had made a trip to “Stebbin's Gulch” June 20, 1947. This spectacular ravine, carved by a tributary of the East Branch of the Chagrin River just east of the Holden Arboretum, is deep and cool, and contains relics of northern vegetation. Its steep sides support many hemlocks, and its aspect is that of an evergreen forest.

Least Flycatcher – One Singing.

Blue-headed Vireo – Three males, all singing in widely scattered territories.

Magnolia Warbler – A male singing, catching flies and carrying them off as if to a nest.

Black-throated Green Warbler – Two singing males.

Mourning Warbler – A male and a female, flushed near the ground, as though from a nest.

Hooded Warbler – As many as 10 to 15 males singing.

Canada Warbler – A male singing.

Slate-colored Junco – Bird on nest, incubating 4 eggs.

It looks as if somebody should make a breeding bird population study here next spring and summer. Some new nesting records for the Cleveland region might thereby be established. If anyone is interested in undertaking such project, the Editor will appreciate hearing from him.