

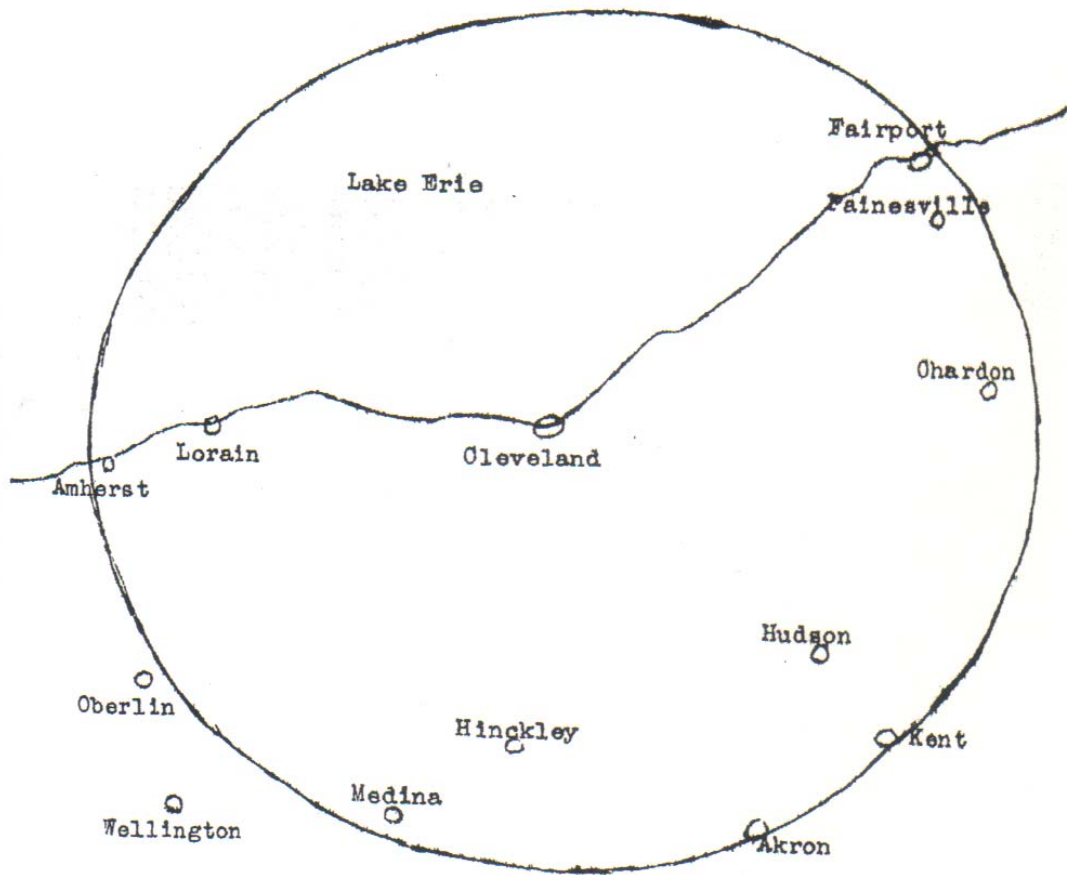
THE CLEVELAND BIRD CALENDAR

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

Published and Edited
by
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, Ohio

CLEVELAND BIRD CALENDAR

Spring Migration Number

Issued July 5, 1945

Edited by Arthur B. Williams

In our last issue (the first of the current year) we recorded 86 species of birds as having been observed during the period December-January-February. The present issue, covering the period March-April-May, adds 138 additional species to this list, making a total of 224 to date. Last year at this time the number was also 224.

Laughing Gull Record Questioned – Dr. John W. Aldrich, former editor of the Calendar, now Biologist for the U. S. Fish and Wildlife Service, wrote the editor asking for further information on Gordon Spare's identification of the Laughing Gull reported in Vol. 40, Numbers 3 and 4, of the Calendar. The complete written record of several observations, including sketches made by Mr. Spare, was forwarded to him. Dr. Aldrich replies as follows: "I am still not convinced that a laughing gull was actually seen, since in my opinion it would be almost impossible to distinguish the immature laughing gull from the Franklin gull in the field, unless perhaps on the basis of size if the two species were sitting side by side. The plumages in the immature stage figured are almost identical. We know, on the basis of specimens collected, that the Franklin gull occurs regularly on Lake Erie, whereas there are no authentic records of the laughing gull to my knowledge." Since the record, as it stands, is open to so much question, it is the editor's opinion that it will be good policy to withdraw the laughing gull record from our all-time list, until more conclusive evidence of the occurrence of this species is offered. Dr. Aldrich adds: "The Kittiwake record is probably all right, since the markings are much more diagnostic and there are other authenticated records for the state."

Lark Bunting in Ohio – The first record of the occurrence of the Lark Bunting in Ohio was made September 6, 1944, by Merit B. Skaggs, who captured the bird in his banding trap at South Euclid on that day. Announcement has not been made previously in the Calendar in order to give priority to the publication of the record in the Auk, where it appeared in the April, 1945 number (Auk, Vol. 62, No. 2, p. 313). This adds another species (No. 294) to our all-time list.

During this period an effort has been made to enter into correspondence with qualified bird observers in localities within our 30-mile limit, from which, previous to this time we have had no regular reports. In this connection we are glad to welcome to our corps of "reporters" Dr. Ralph W. Dexter of the Department of Biology, Kent State University; Miss Norma Klausmeyer, of Avon Lake; Mr. R. T. McNamara, of Solon; Mr. Frank M. Phelps, of Elyria (formerly a regular contributor to the Calendar); Miss Ruth R. Kennan, of Bass Lake; Miss Edna M. Gifford, of Chagrin Falls; and Mr. Charles P. Mountz, of Stow.

To cover our territory adequately we still need observers in Lorain, North Amherst, Grafton, Medina, Hudson, Mantua, Aurora, Burton, Chardon and Fairport, as well as other similar places located within the 30-mile circle.

If any of our subscribers know of people, not included in our present list of cooperators, interested enough and expert enough to provide us with reliable records of bird observations, the editor will appreciate greatly receiving their names.

Contributors to this number of the Calendar are:

Leta E. Adams	Arthur B. Fuller	H. C. Oberholser
H. W. Baker	Adela Gaede	Mrs. Simon Olson
Mrs. H. W. Baker	Edna M. Gifford	Margaret E. Perner
Llewellyn P. Barbour	W. Earl Godfrey	Frank M. Phelps
Al Bohn	Winifred Goodsell	Marjorie Ramisch
Mrs. A. J. Bradley	Albert T. Haag	Margaret Suhr Reed
Vera Carrothers	Raymond W. Hill	Mrs. W. B. Rogers
Roy E. Clisby	James H. Jenkins	F. N. Shankland
Mrs. Roy E. Clisby	Frank D. Johnson	O. M. Shipman
Grace Curry	Ruth R. Kennan	Merit B. Skaggs
Mrs. Owen Davies	Robert King	Mrs. Merit B. Skaggs
Owen Davies	Norma Klausmeyer	Gordon Spare
Ralph W. Dexter	John H. Lathe	R. F. Strickland
H. C. Dobbins	John E. Lieftinck	Mildred Stewart
Edith Dobbins	Tom McHugh	Clark Tefft
C. T. Downer	R. T. McNamara	Mrs. O. F. Uhl, Jr.
Tom Downer	J. O. McQuown	J. Paul Visscher
Alice Porter Downer	Henry B. Merkle	Maurice B. Walters
Harry E. Duer	Margarette E. Morse	S. V. Wharram
Elsie C. Erickson	Charles P. Mountz	Mrs. Lida Whittier
Miriam Evans	Bruce W. Nelson	Arthur B. Williams
Ann Frankenberry	Donald L. Newman	Edythe G. Williams

SUMMARY OF WEATHER CONDITIONS

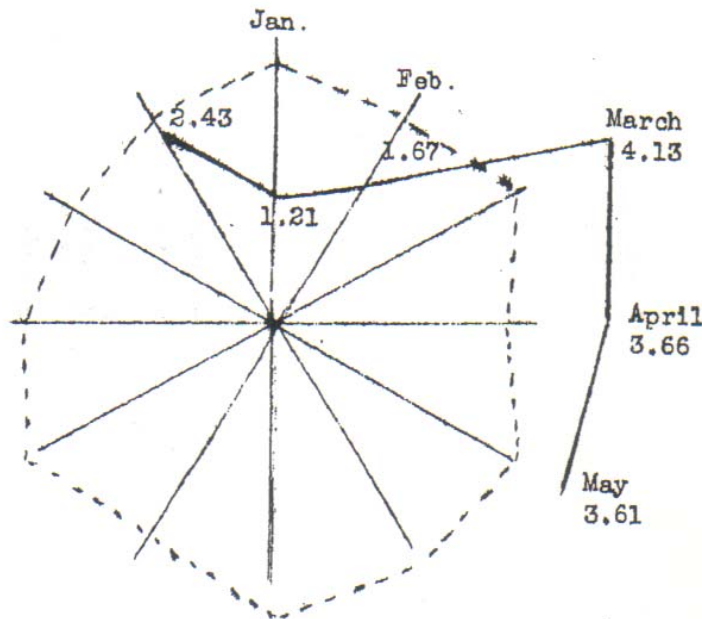
We had our spring in March this year. The forepart of March was fairly normal, with rain, snow and chilly winds, but the remainder of the month and the first two weeks of April produced a brand of weather wholly unusual, which will long be remembered by those who observe such things.

With the exception of three days in March (19-21) and four in April (2-5), we were treated to a steady succession of warm, springlike, sunshiny days which seemed like the perfect weather for late May. The result of this was to start the development of vegetation with a rush. Silver maples and elms were in bloom March 15. By March 24 the early spring wildflowers were fully in bloom – some even past the peak of their flowering. Shadbush, normally blooming the first week in May, was in full flower on March 28. On Easter Sunday (April 1) the wildflower trails were in top form, although species like Harbinger-of-spring, Hepatica and Bloodroot had already dropped their petals. Redbud was then in bloom. The season seemed about three weeks advanced over normal. By April 15 the aspect of the forest was that of May 15. From this time on, however, the weather was characterized by cold rains and chilly winds, with frosts during the first week of May. As a whole, May was a wet, cold month, warming up a bit after the 17th. While trees normally developing their foliage early were well advanced by the middle of April, those which normally develop their foliage later, like sycamore, the ashes, hickories and walnuts, were about on schedule. Some of these, particularly the sycamores, got caught

Summary of Weather Conditions (continued)

by the frosts of early May and suffered considerably. While the temperature record for the period was an erratic one, the excess temperatures of March were counterbalanced by the low temperatures of April and May, so that by May 31 the accumulated excess since January 1 was only 404 degrees.

The details of monthly precipitation for the period are shown graphically in the chart below. Each spoke of the wheel, from center to circumference, represents 3 inches of water. The dotted line connects the points which show the "normal" or average precipitation for each month. The solid line connects points showing the actual precipitation for the months of 1945 indicated. Note how precipitation for March, April and May was considerably beyond normal. Figures are those of the U.S. Weather Bureau at the Cleveland Airport.



INTERESTING OR UNUSUAL RECORDS

Holboell Grebe - March 23(1) - "Right below me as I crawled up on the abutment over the storm sewer at White City" - Carrothers.

Little Blue Heron - May 29(1) - Rocky River - Baker.

European Wigeon - March 18(2) - Pymatuning - Carrothers. March 18(1) - Sandusky - Morse.

Stilt Sandpiper - May 13(1), 20(2) - Jefferson - Wharram.

Long-eared Owl - April 2(1) - Rocky River - Nelson. April 29(1) - Brookside Park - McQuown.

Saw-whet Owl - April 3(1) - Willoughby - Seen perched on horizontal branch of Austrian pine in planting of evergreens. Evening of same day bird heard calling from apple tree over garage - Shankland.

Mockingbird - April 22(1) - Gordon Park Bird Walk - Bohn. April 29(2) - Drummond Road, Shaker Heights.

Brewster Warbler - May 19(1) - "Seen at close range on the ground, later in shrubbery. Carefully identified" - Lakewood - Olson.

Interesting or Unusual Records (continued)

Lawrence Warbler – May 13(1) – Silver Lake – Mountz.

Prairie Warbler – May 13(1) – Pymatuning – Skaggs.

Western Meadowlark – April 28-29(2) – Near Bath – Pair apparently nesting – Identified by characteristic song which was heard many times – Others saw birds later and agreed on identification – Efforts made to find nest during two days were unsuccessful – Mountz.

Common Redpoll – March 18(5), 25(8) – Jefferson – Wharram.

SPECIES OCCURRENCE RECORDS

In the following list, “Wintered” means that there are January and February records of the occurrence of the species here. Some of these birds are winter visitors from the north; some are permanent residents (these are starred); some records indicate that certain individual birds remained in the region over winter, while the bulk of the species wintered further south. “Breed” means that individuals of the species indicated breed in the Cleveland region.

Spring Arrivals and Departures

Records within 30 miles of Cleveland Public Square

	<u>First 1945</u>	<u>Maximum</u>	<u>Last 1945</u>
<u>Lesser Loon</u>	March 25(7)	March 25(7)	May 6(1)
<u>Holboell Grebe</u>	March 23(1)		March 23(1)
<u>Pied-billed Grebe</u>	March 18(2)		Breeds
<u>Double-crested Cormorant</u>	March 25(1)		March 25(1)
<u>Great Blue Heron</u>	March 18(2)		Breeds
<u>Little Blue Heron</u>	May 29(1)		May 29(1)
<u>Eastern Green Heron</u>	April 8(2)		Breeds
<u>Black-crowned Night Heron</u>	April 2(1)		Breeds
<u>American Bittern</u>	April 7(3)		Breeds
<u>Eastern Least Bittern</u>	May 12(1)		Breeds
* <u>Common Mallard</u>	Wintered	March 4(17)	Breeds
<u>Black Duck</u>	March 4(2)		Breeds
<u>Gadwall</u>	March 3(4)		March 3(4)
<u>Baldpate</u>	March 18(45)		May 5(3)
<u>American Pintail</u>	March 18(2)		April 29(1)
<u>Blue-winged Teal</u>	April 8(3)		May 16(3)
<u>Wood Duck</u>	March 18(5)		Breeds
<u>Redhead</u>	March 4(5)		April 14(1)
<u>Ring-necked Duck</u>	March 18(30)		March 27(18)
<u>Canvasback</u>	March 18(3)		April 8(1)
<u>American Greater Scaup</u>	March 18(2)		March 31(4)
<u>Lesser Scaup</u>	Wintered	March 24(156)	May 27(3)
<u>American Goldeneye</u>	Wintered		March 26(7)
<u>Bufflehead</u>	Wintered	March 25(25)	April 7(4)
<u>Ruddy Duck</u>	Wintered	April 21(14)	May 23(1)
<u>Hooded Merganser</u>	Wintered	April 24(7)	May 8(1)
<u>American Merganser</u>	Wintered	April 2(75)	April 2(75)
<u>Red-breasted Merganser</u>	Wintered	April 29(405)	May 24(3)

Spring Arrivals and Departures (continued)

	<u>First 1945</u>	<u>Maximum</u>	<u>Last 1945</u>
<u>Eastern Turkey Vulture</u>	April 18(7)	May 7(32)	Breeds
* <u>Sharp-shinned Hawk</u>	Wintered		Breeds
* <u>Cooper Hawk</u>	Wintered	May 12(8)	Breeds
* <u>Eastern Red-tailed Hawk</u>	March 4(1)	March 18(8)	Breeds
* <u>Northern Red-shouldered Hawk</u>	Wintered	March 18(10)	Breeds
<u>Broad-winged Hawk</u>	April 21(1)	April 22(4)	Breeds
<u>Northern Bald Eagle</u>	April 14(1)		Breeds
* <u>Marsh Hawk</u>	Wintered		Breeds
<u>American Osprey</u>	April 19(1)		April 29(2)
<u>Eastern Pigeon Hawk</u>	May 18(1)		May 18(1)
* <u>Eastern Sparrow Hawk</u>	Wintered		Breeds
* <u>Appalachian Ruffed Grouse</u>	Wintered		Breeds
* <u>Eastern Bobwhite</u>	Wintered		Breeds
* <u>Ring-necked Pheasant</u>	Wintered		Breeds
<u>Virginia Rail</u>	May 26(1)		Breeds
<u>Sora</u>	May 7(1)		Breeds
<u>Florida Gallinule</u>	May 27(1)		Breeds
<u>American Coot</u>	Wintered		Breeds
<u>Belted Piping Plover</u>	May 6(1)		Breeds
<u>Semipalmated Plover</u>	May 5(1)		May 29(2)
<u>Killdeer</u>	March 3(2)	April 29(44)	Breeds
<u>Ruddy Turnstone</u>	May 19(2)		May 30(5)
<u>American Woodcock</u>	March 12(1)	March 27(6)	Breeds
<u>Wilson Snipe</u>	March 24(1)	May 1(12)	May 25(2)
<u>Upland Plover</u>	April 8(1)		Breeds
<u>Spotted Sandpiper</u>	April 8(2)	May 20(64)	Breeds
<u>Eastern Solitary Sandpiper</u>	April 8(1)	May 20(14)	May 23(3)
<u>Greater Yellowlegs</u>	March 26(1)	May 6(9)	May 13(2)
<u>Lesser Yellowlegs</u>	April 19(5)	May 8(14)	May 18(2)
<u>Pectoral Sandpiper</u>	March 18(1)		May 20(1)
<u>Least Sandpiper</u>	April 17(2)		May 30(2)
<u>Red-backed Sandpiper</u>	May 24(1)		May 30(1)
<u>Semipalmated Sandpiper</u>	May 9(1)		May 30(3)
<u>American Herring Gull</u>	Wintered	March 4(223)	May 27(15)
<u>Ring-billed Gull</u>	Wintered	May 5(200)	May 27(25)
<u>Bonaparte Gull</u>	March 24(200)	April 22(2000)	May 27(1)
<u>Common Tern</u>	May 12(300)	May 13(500)	May 25(4)
<u>Caspian Tern</u>	May 5(3)		May 8(1)
<u>Black Tern</u>	May 19(3)		May 19(3)
<u>Eastern Mourning Dove</u>	March 3(3)	May 20(88)	Breeds
<u>Rock Dove</u>	Wintered		Breeds
<u>Yellow-billed Cuckoo</u>	May 13(5)		Breeds
<u>Black-billed Cuckoo</u>	May 13(11)		Breeds
<u>American Barn Owl</u>	March 27(1)		Breeds
<u>Eastern Screech Owl</u>	Wintered		Breeds
<u>Great Horned Owl</u>	Wintered		Breeds
<u>Northern Barred Owl</u>	Wintered		Breeds
<u>Long-eared Owl</u>	April 2(1)		April 29(1)
<u>Saw-whet Owl</u>	April 3(1)		Breeds

Spring Arrivals and Departures (continued)

	<u>First 1945</u>	<u>Maximum</u>	<u>Last 1945</u>
<u>Eastern Whip-poor-will</u>	April 27(1)		Breeds
<u>Eastern Nighthawk</u>	April 27(1)		Breeds
<u>Chimney Swift</u>	April 10(1)		Breeds
<u>Ruby-throated Hummingbird</u>	May 6(3)		Breeds
<u>Eastern Belted Kingfisher</u>	March 18(8)		Breeds
<u>Northern Flicker</u>	March 4(1)		Breeds
* <u>Northern Pileated Woodpecker</u>	Wintered		Breeds
* <u>Red-bellied Woodpecker</u>	Wintered		Breeds
<u>Eastern Red-headed Woodpecker</u>	March 27(4)		Breeds
<u>Yellow-bellied Sapsucker</u>	May 18(1)		May 7(1)
* <u>Eastern Hairy Woodpecker</u>	Wintered		Breeds
* <u>Northern Downy Woodpecker</u>	Wintered		Breeds
<u>Eastern Kingbird</u>	April 22(1)		Breeds
<u>Northern Crested Flycatcher</u>	May 4(1)		Breeds
<u>Eastern Phoebe</u>	March 14(1)		Breeds
<u>Yellow-bellied Flycatcher</u>	May 23(1)		May 30(1)
<u>Acadian Flycatcher</u>	May 13(2)		Breeds
<u>Alder Flycatcher</u>	May 6(3)		Breeds
<u>Least Flycatcher</u>	April 21(1)		Breeds
<u>Eastern Wood Pewee</u>	May 6(1)		Breeds
<u>Eastern Olive-sided Flycatcher</u>	May 12(1)		May 19(1)
* <u>Prairie Horned Lark</u>	March 3(2)		Breeds
<u>Tree Swallow</u>	April 19(1)		Breeds
<u>American Bank Swallow</u>	April 17(6)		Breeds
<u>Eastern Rough-winged Swallow</u>	April 15(3)		Breeds
<u>Barn Swallow</u>	March 29(4)		Breeds
<u>Northern Cliff Swallow</u>	May 12(1)		Breeds
<u>Purple Martin</u>	March 26(2)		Breeds
* <u>Northern Blue Jay</u>	Wintered		Breeds
<u>Eastern Crow</u>	Wintered		Breeds
* <u>Northern Black-capped Chickadee</u>	Wintered		Breeds
* <u>Tufted Titmouse</u>	Wintered		Breeds
* <u>White-breasted Nuthatch</u>	Wintered		Breeds
<u>Red-breasted Nuthatch</u>	March 4(1)		May 13(1)
<u>Brown Creeper</u>	Wintered		May 20(1)
<u>Ohio House Wren</u>	March 15(1)		Breeds
<u>Eastern Winter Wren</u>	March 25(1)		May 12(1)
* <u>Carolina Wren</u>	March 16(1)		Breeds
<u>Prairie Marsh Wren</u>	May 12(1)		Breeds
<u>Eastern Mockingbird</u>	April 22(1)		April 29(2)
<u>Catbird</u>	April 14(1)		Breeds
<u>Eastern Brown Thrasher</u>	April 1(2)		Breeds
<u>Eastern Robin</u>	Wintered		Breeds
<u>Wood Thrush</u>	April 6(1)		Breeds
<u>Eastern Hermit Thrush</u>	March 15(1)		May 23(4)
<u>Olive-backed Thrush</u>	May 6(8)		May 30(7)
<u>Gray-cheeked Thrush</u>	May 6(2)		May 28(7)
<u>Veery</u>	April 21(1)		Breeds
<u>Eastern Bluebird</u>	March 3(5)		Breeds
<u>Blue-gray Gnatcatcher</u>	April 15(2)		Breeds

Spring Arrivals and Departures (continued)

	<u>First 1945</u>	<u>Maximum</u>	<u>Last 1945</u>
<u>Eastern Golden-crowned Kinglet</u>	March 4(2)	March 25(34)	May 6 (1)
<u>Eastern Ruby-crowned Kinglet</u>	March 15(1)	April 29(95)	May 23(4)
<u>American Pipit</u>	May 1(1)		May 12(2)
* <u>Cedar Waxwing</u>	Wintered		Breeds
<u>Migrant Shrike</u>	March 23(1)		Breeds
* <u>Starling</u>	Wintered		Breeds
<u>White-eyed Vireo</u>	May 13(1)		May 13(1)
<u>Yellow-throated Vireo</u>	April 24(1)		Breeds
<u>Blue-headed Vireo</u>	April 29(2)	May 20(7)	May 20(7)
<u>Red-eyed Vireo</u>	April 8(1)		Breeds
<u>Philadelphia Vireo</u>	May 20(1)	May 27(4)	May 29(3)
<u>Eastern Warbling Vireo</u>	May 6(3)		Breeds
<u>Black and White Warbler</u>	April 8(2)	May 20(45)	May 29(1)
<u>Prothonotary Warbler</u>	May 20(1)		May 20(1)
<u>Worm-eating Warbler</u>	May 21(1)		May 21(1)
<u>Golden-winged Warbler</u>	May 12(1)		May 19(1)
<u>Brewster Warbler</u>	May 19(1)		May 19(1)
<u>Lawrence Warbler</u>	May 13(1)		May 13(1)
<u>Blue-winged Warbler</u>	April 29(1)		Breeds
<u>Tennessee Warbler</u>	May 6(1)	May 20(14)	May 27(3)
<u>Orange-crowned Warbler</u>	May 6(3)		May 20(1)
<u>Nashville Warbler</u>	April 8(2)	May 20(32)	May 30(1)
<u>Northern Parula Warbler</u>	May 6(1)	May 19(22)	May 23(6)
<u>Eastern Yellow Warbler</u>	April 21(1)	May 20(119)	Breeds
<u>Magnolia Warbler</u>	May 2(1)	May 20(55)	May 30(5)
<u>Cape May Warbler</u>	May 6(2)	May 20(20)	May 23(1)
<u>Black-throat Blue Warbler</u>	April 29(4)	May 20(20)	May 30(1)
<u>Myrtle Warbler</u>	March 16(3)	May 19(58)	May 28(1)
<u>Black-throated Green Warbler</u>	April 8(1)	May 20(47)	Breeds
<u>Cerulean Warbler</u>	May 6(4)	May 27(18)	Breeds
<u>Blackburnian Warbler</u>	May 6(1)	May 20(105)	May 30(2)
<u>Chestnut-sided Warbler</u>	May 9(1)	May 20(72)	May 30(2)
<u>Bay-breasted Warbler</u>	May 12(1)	May 20(75)	May 30(4)
<u>Black-polled Warbler</u>	May 13(1)		May 30(5)
<u>Northern Pine Warbler</u>	April 29(1)		May 27(1)
<u>Western Palm Warbler</u>	April 15(1)	May 20(28)	May 23(5)
<u>Ovenbird</u>	April 21(1)	May 20(75)	Breeds
<u>Grinnell Waterthrush</u>	April 29(1)	May 20(10)	May 21(1)
<u>Louisiana Waterthrush</u>	April 1(1)	May 20(10)	Breeds
<u>Connecticut Warbler</u>	May 12(3)	May 30(5)	May 31(1)
<u>Mourning Warbler</u>	May 15(1)		May 30(3)
<u>Northern Yellowthroat</u>	April 15(1)	May 20(45)	Breeds
<u>Yellow-breasted Chat</u>	May 6(3)		May 30(4)
<u>Hooded Warbler</u>	May 5(1)		Breeds
<u>Wilson Warbler</u>	May 13(2)	May 30(9)	May 30(9)
<u>Canada Warbler</u>	May 6(1)	May 19(54)	May 30(11)
<u>American Redstart</u>	April 22(3)	May 20(164)	Breeds
* <u>English Sparrow</u>	Wintered		Breeds
<u>Boblink</u>	April 14(2)		Breeds
<u>Eastern Meadowlark</u>	March 3(2)	April 29(37)	Breeds

Spring Arrivals and Departures (continued)

	<u>First 1945</u>	<u>Maximum</u>	<u>Last 1945</u>
<u>Western Meadowlark</u>	April 28(2)		April 29(2)
<u>Eastern Red-winged Blackbird</u>	March 1(2)	April 29(124)	Breeds
<u>Orchard Oriole</u>	May 15(2)		Breeds
<u>Baltimore Oriole</u>	April 8(1)	May 20(50)	Breeds
<u>Rusty Blackbird</u>	March 4(5)	March 10(30)	May 12(1)
<u>Bronzed Grackle</u>	March 1(4)	April 29(41)	Breeds
<u>Eastern Cowbird</u>	March 10(1)	April 22(65)	Breeds
<u>Scarlet Tanager</u>	April 19(1)	May 20(82)	Breeds
<u>*Eastern Cardinal</u>	Wintered		Breeds
<u>Rose-breasted Grosbeak</u>	May 4(1)	May 20(48)	Breeds
<u>Indigo Bunting</u>	May 6(3)	May 20(28)	Breeds
<u>Eastern Purple Finch</u>	March 4(4)	April 29(29)	Breeds
<u>Common Redpoll</u>	March 18(1)		March 18(1)
<u>*Eastern Goldfinch</u>	Wintered	May 20(245)	Breeds
<u>Red-eyed Towhee</u>	March 11(2)	April 29(58)	Breeds
<u>Southeastern Savannah Sparrow</u>	April 16(2)		Breeds
<u>Eastern Grasshopper Sparrow</u>	April 28(1)		Breeds
<u>Western Henslow Sparrow</u>	April 19(1)		Breeds
<u>Eastern Vesper Sparrow</u>	March 16(2)		Breeds
<u>*Slate-colored Junco</u>	Wintered	March 24(120)	Breeds
<u>Eastern Tree Sparrow</u>	Wintered	March 4(54)	May 6(3)
<u>Eastern Chipping Sparrow</u>	March 18(2)	May 6(52)	Breeds
<u>Eastern Field Sparrow</u>	March 5(1)	April 29(67)	Breeds
<u>White-crowned Sparrow</u>	April 29(2)	May 20(70)	May 30(1)
<u>White-throated Sparrow</u>	March 24(1)	May 6(134)	May 21(1)
<u>Eastern Fox Sparrow</u>	March 17(7)	April 1(8)	May 12(1)
<u>Eastern Swamp Sparrow</u>	March 18(2)		Breeds
<u>Mississippi Song Sparrow</u>	Wintered		Breeds

NOTE: The date "May 20", appearing frequently as a day of maximum numbers in the lists above, combines the reports of 6 groups participating in the Sunday morning bird walks of that day. We need to bear in mind the fact that migrating birds do not necessarily wait for Sundays to make their appearance.

COMMENTS ON MIGRATION

The spring-like weather of March seems to have produced an unusual number of abnormally early records of straggling individual birds far ahead of the main body of their species. This included herons, sandpipers, cuckoos, Chimney Swift, flycatchers, swallows, House Wren, Wood Thrush, Red-eyed Vireo, warblers, Baltimore Oriole, Scarlet Tanager, and certain sparrows. This was not, of course, due to local weather, but to the fact that the early spring was wide-spread throughout the south.

Migration as a whole, at least in its later phases, seems to have been held up by the series of cold rainy days in the first half of May. Yet we note the arrival of the Hooded Warbler in usual numbers in the North Chagrin woods on schedule time (May 5-6). On May 13 flights of warblers were noted in the Rocky River Valley, and flights of Kingbirds and Goldfinches at Gordon

Comments on Migration (continued)

Park. On the same day a spectacular flight of Common Terns was reported over Lake Erie at the mouth of Rocky River. On May 20 a flight of Blue Jays was observed at Gordon Park. Considering the fact that local Blue Jays were all engaged in nesting activities at this time, this flight seemed rather odd.

When the warbler migration really developed, it came swiftly, probably reaching its peak May 15 to 18, both to the east (Cleveland Heights, Lyndhurst) and west (Lakewood). In certain locations it reached impressive proportions. "I've been watching birds for ten years, but I never saw anything like this before," says one observer. By May 20 the warbler flights were on the wane, and were quickly a thing of the past.

The Bobwhite Situation – We asked certain observers for special reports on the Bobwhite. Very few were reported on the regular lists. Most of those seen were coming to feeding stations. Some reported having seen no Bobwhite since January 1.

INTERESTING RECORDS FROM NEIGHBORING LOCALITIES

Waterfowl, Eagles and Ospreys – East, West and SouthPymatuning – (Reports by Carrothers, Lieftinck, Morse)

Loon – March 25(2), May 13-20 ("Quite a few scattered over the main lake" – Lieftinck). Horned Grebe – March 25(1). Whistling Swan – March 25(1), May 13-20(4). Canada Goose – March 25(100). Mallard – March 18(6), 25(20), May 13(10). Black Duck – March 18(4), 25(11), May 13(4). Gadwall – March 25(10), May 13(8). European Wigeon – March 18(2). Baldpate – March 18(157), 25(150), May 13(6). Pintail – March 18(4), 25(15). Green-winged Teal – March 18(1), 25(3). Blue-winged Teal – May 13(2). Shoveler – March 18(1), 25(5). Wood Duck – March 25(8). Redhead – March 18(77), 25(14). Ring-necked Duck – March 18(32), 25(100). Canvasback – March 25(3). Lesser Scaup – March 25(30). Goldeneye – March 25(4). Bufflehead – March 18(2), 25(8). Ruddy Duck – March 25(2). Hooded Merganser – March 25(2). American Merganser – March 18(2), 25(4). Coot – March 18(30), 25(25).

Jefferson – Greater Scaup – March 25(20), May 17(7) – (Reported by Wharram).

Sandusky Marshes – (Reports by Godfrey, Morse, Olson)

Horned Grebe – April 8(6). Pied-billed Grebe – April 8(2). Whistling Swan – March 18(3). Canada Goose – March 28(50). Mallard – March 11(8), 18(6), 28(9), April 8(27). Black Duck – March 11(23), 18(8), 28(6), April 8(19). Gadwall – March 18(8), April 8(2). European Wigeon – March 18(1). Baldpate – March 11(17), 18(30), 28(7), April 8(40). Pintail – March 11(8), 18(20), April 8(3). Green-winged Teal – March 11(2). Blue-winged Teal – March 18(3), April 8(15). Shoveler – March 11(10), 18(4), April 8(8). Wood Duck – April 8(2). Redhead – March 11(25), 18(200), 28(3), April 8(4). Ring-necked Duck – March 18(50), April 8(4). Canvasback – March 11(306), 18(80), 28(1), April 8(5). Lesser Scaup – March 11(7), 18(60), 28(3), April 8(155). Goldeneye – March 11(38), 18(10). Bufflehead – March 11(11), 18(8), 28(19), April 8(16). Ruddy Duck – March 28(2), April 8(700).

Interesting Records from Neighboring Localities (continued)

(Sandusky Marshes)

Hooded Merganser – March 18(1). American Merganser – March 11(175), 18(6), April 8(12). Red-breasted Merganser – March 11(4), 18(15), 28(1), April 8(10). Bald Eagle – April 8(4). Osprey – April 8(1). Coot – March 11(52), 18(508), 28(78), April 8(500).

South Akron Lakes – (Reports by Lieftinck)

Black Duck – March 11(3). Baldpate – March 11(20), April 29(7). Pintail – March 11(6). Blue-winged Teal – April 29(12). Shoveler – March 11(1). Redhead – March 11(60). Ring-necked Duck – March 11(30). Goldeneye – March 11(10). Ruddy Duck – March 11(1), April 29(8). American Merganser – March 11(4). Coot – March 11(20).

Mogadore – (Reports by Dexter, Mountz – All April 1 except Loon as indicated)

Loon – April 1(1), 19(4). Pied-billed Grebe – 8. Mallard – 8. Black Duck – 5. Baldpate – 12. Pintail -3. Blue-winged Teal – 8. Shoveler – 1. Redhead – 7. Ring-necked Duck – 11. Canvasback – 1. Leasser Scaup – 4. Bufflehead – 3. American Merganser – 1. Bald Eagle – 1. Coot - 6.

Huron – Bald Eagle – April 8 – (Old bird sitting on nest – Godfrey)

Bay Bridge – Bald Eagle – April 8 – (Two birds at nest – Godfrey)

Other Species

Stilt Sandpiper – May 13(1), 20(2) – Jefferson (Wharram)

Barn Owl – March 25(1) – Ravenna (Oberholser)

Whip-poor-will – May 4(1) – Wellington (Clisby); May 9(2), 18(2), 21(1) – Jefferson (Wharram); May 19(1) – Parkman (Evans)

Yellow-bellied Sapsucker – March 15(1), 22(2) – Jefferson (Wharram); April 15(1), May 4(1), 6(1) – Wellington (Clisby)

Red-breasted Nuthatch April 8(2) – Wellington (Clisby)

Brown Creeper – April 8(1), 12(1), 15(1) – Wellington (Clisby); April 8(1) – Jefferson (Wharram)

Winter Wren – March 25(1) – Wellington (Clisby); May 20(1) – Jefferson (Wharram)

Golden-crowned Kinglet – March 25(5), April 2(15), 8(5), 12(3) – Wellington (Clisby);

April 1(5), 15(5), May 6(12) – Jefferson (Wharram)

Ruby-crowned Kinglet – April 12(3), 15(4), 22(3), May 2(4), 4(4), 6(2), 9(2), 14(2) – Wellington (Clisby); April 7(5), 24(10), 29(8), May 6(7), 12(4) – Jefferson (Wharram)

Pipit – May 7 – “Small flock in newly plowed field” – Pymatuning (Lieftinck)

Prairie Warbler – May 13(1) – Pymatuning (Skaggs-Morse)

Common Redpoll – March 18(5), 25(8) – Jefferson (Wharram)

NESTING RECORDS

Out of an unusual number of nesting records received, the editor has found it necessary to select for publication only those which are most important or most completed, and therefore most valuable. The following list includes 43 species.

Great Blue Heron – LaGrange Township, April 1, about 35 nests in “rockery”, some birds apparently incubating – F. M. Phelps. Near Streetsboro, May 30, about 20 nests in moist beech-maple-elm woods – Ralph W. Dexter. Novelty, May 9, counted 25 nests, probably 8 pairs of birds present, a few egg shells on ground – May 13, many egg shells and remains of food on ground, could hear young in nests – C. T. Downer.

Common Mallard – Novelty, April 12, bird incubating 16 eggs – C. T. Downer.

Cooper Hawk – Shaker Lakes, April 22, nest in cucumber tree in “horseshoe lake woods”, female on nest, male near by – April 29 and May 6, female on nest sitting very low – May 19, 20, birds absent from nest – May 28, female on nest sitting very high and broadside to heavy wind – May 29, female on nest but at once flew off; her screaming summoned mate; both birds aggressive in attempts to drive observer away – Donald Newman.

Red-tailed Hawk – Willoughby, May 30, two half grown young – C. M. Shipman. Three miles north of Akron – May 19, nest with small downy young – J. E. Lieftinck.

Red-shouldered Hawk – Mayfield, May 30, nest in beech about 35 feet up, two young about three weeks old – Godfrey.

Ring-necked Pheasant – Avon, May 12, nest and 11 eggs – Owen Davies. Rocky River – May 12, nest and 12 eggs – Owen Davies.

Killdeer – Lakewood, May 27, 29, bird incubating 2 eggs – May 30, young hatched, following adults – Owen Davies. Rocky River, April 15, nest, 4 eggs – Owen Davies. Rocky River Metropolitan Park, April 29, adult with 4 newly hatched young – Gladys E. Olson.

Woodcock – Mayfield, May 30, three young scarcely distinguishable from adults – Godfrey. Novelty, April 12, old bird has been on nest for about a week – C. T. Downer.

Upland Plover – Richmond and Highland Roads, South Euclid, May 28, nest in hollow in clump of grass, 4 eggs, female incubating – June 7, three young in nest, one still wet form recent hatching; one hiding about a foot away from nest – Harry E. Duer.

Mourning Dove – LaGrange, April 1, nest in wild crab containing 2 fresh eggs – F. M. Phelps. Oberlin, April 29, three eggs laid in a last year’s robin’s nest – May 31, one young left nest – June 4, two remaining young left nest – Tom McHugh. Hinckley, same nest reported in Vol. 40, No. 2, p. 12 (1944), on old robin’s nest under eaves – March 22, old bird began incubation – April 21, young left nest – April 28, old bird on nest again with 2 eggs – She left May 3 and was absent 4 days – Eggs were removed May 6 – On May 9, 10 old bird was at nest again, but no eggs were present – Later 2 more eggs laid, but bird disappeared, and nest was abandoned – Frank D. Johnson.

Black-billed Cuckoo – Fullerton, May 19, nest in thorn four feet from ground in overgrown field, 2 eggs – May 26, four eggs – June 2, one young hatched – Adela Gaede.

Pileated Woodpecker – North Chagrin Metropolitan Park, May 23, nest in top of dead beech 55 feet up. Young could be heard clamoring inside – May 26, two young (male and female) with heads out of hole – May 29, young half out of hole and adults apparently trying to get them to leave nest – May 29, young male left nest – June 1, young female left nest (See Field Notes, p. 14) – Vera Carrothers.

Nesting Records (continued)

- Downy Woodpecker – Shaker Lakes, May 30, nest in stub in woods above Lily Pond about 12 feet high, hole near top, young in nest – June 2, young gone – R. W. Hill. Shaker Lakes, May 26, female feeding young in nest – Donald Newman. Shaker Lakes, May 27, hole 5 ½ feet from ground, young birds noisy – May 30, young still in nest – Donald Newman.
- Phoebe – Near Chesterland, May 28, nest on top of wren nesting box, under eaves of cottage – May 28, young left nest – Margarette Morse.
- Prairie Horned Lark – Pine Ridge Golf Course, May 26, nest, 3 eggs of lark, 1 of Cowbird – R. F. Strickland.
- Tree Swallow – Holden Arboretum, May 30, nest in box, 4 eggs – M. B. Walters.
- Blue Jay – Lakewood, May 27, 28, 30, bird incubating in nest 7 feet up – Owen Davies. Elyria, March 30, nest building in maple near house – April 14, incubating – April 27, feeding young – F. M. Phelps. Shaker Heights, March 15, nest construction begun, on base of old nest occupied in 1943 and 1944 (identical site) – Nest completed and 5 eggs laid – Then the birds continued to incubate with out success until May 24, when they abandoned the nest – Eggs may have been unduly chilled by continuous low temperatures of April – John H. Lathe.
- White-breasted Nuthatch – Hinckley, May 7, both old birds carrying food to young in hole in black walnut about 25 feet up – Arthur B. Williams. Elyria, April 16, bird carrying nesting material into natural cavity in beech – F. M. Phelps.
- House Wren – Willoughby, May 6, two nests in process of construction – L. P. Barbour.
- Catbird – Lakewood- May 18, nest blown out of tree, two broken eggs contained young almost ready to hatch – Owen Davies. Rocky River Metropolitan Park (North), May 30, two nests each 6 feet from ground, each containing two eggs – Owen Davies.
- Brown Thrasher – North Chagrin Metropolitan Park, May 6, nest and 4 eggs – May 15, four young – May 23, young fully feathered – May 26, nest empty – Vera Carrothers.
- Robin – Lakewood, April 3-6, constructing nest – April 9, incubating – May 6, two young leave nest – Owen Davies.
- Wood Thrush - Bass Lake, May 30, nest nearly complete in oak 15 feet up – Ruth R. Kennan. Willoughby, May 14, bird incubating – L. P. Barbour. Elyria, May 21, nest in maple sapling 3 ½ feet from ground, four eggs – F. M. Phelps.
- Blue-gray Gnatcatcher- Hinckley, May 7, birds just beginning nest construction in small black walnut about 30 feet up, both birds working – Leta E. Adams.
- Migrant Shrike – Whitehaven Cemetery, Mayfield, March 30, beginning of nest construction in thorn tree 10 feet from ground, both birds bringing nesting material – April 22, both birds about, one incubating – May 6, five eggs – Margarette Morse, W. E. Godfrey.
- Yellow-throated Vireo – North Akron, May 19, bird beginning nest construction – J. E. Lieftinck.
- Red-eyed Vireo – Rocky River Metropolitan Park (North), May 30, nest, one egg – Owen Davies.
- Blue-winged Warbler – Near Chesterland, May 30, nest in clump of grass, cradled in crotch of horizontal branch of willow close to ground, near brook; contained 4 eggs of warbler, 1 of Cowbird – Margarette Morse. Elyria, May 7, nest construction begun – May 14, nest completed, contained 1 Cowbird egg- Later abandoned by warbler – F. M. Phelps. Aurora Bird Sanctuary, May 13, nest being constructed, female collecting dead leaves, nest near edge of woods about 6 inches from ground – May 20, two warbler's and three Cowbird's eggs in nest; one Cowbird's egg removed – May 24, three warbler's eggs

Nesting Records (continued)

(Blue-winged Warbler)

and two Cowbird's eggs; one Cowbird's egg removed – June 2, three young warblers and one young Cowbird; Cowbird removed; young warbler apparently just hatched; Cowbird appeared a little older – H. E. Duer.

Yellow Warbler – Elyria, May 30, nest with 5 eggs – F. M. Phelps.

Ovenbird – Elyria, May 14, nest being built – May 21, contained one egg of Ovenbird, two of Cowbird – Nest abandoned – F. M. Phelps.

Yellow-breasted Chat – Elyria, May 30, nest with three eggs of Chat and two of Cowbird – F. M. Phelps.

Redstart – Elyria, May 21, nest being built in thorn tree about 8 feet up – F. M. Phelps.

North Chagrin Metropolitan Park, May 20, just beginning nest construction in two-way fork of sapling sugar maple about 30 feet from ground – W. E. Godfrey.

Red-winged Blackbird – Elyria, May 14, colony nesting in open meadow – Field heavily sprinkled with wild mustard in bloom, and the birds had built their nests in this plant – Ten nests counted varying from one fresh egg to two small young – F. M. Phelps.

Baltimore Oriole – Bass Lake, May 30, nest in process of construction 20 feet up – Ruth R. Kennan.

Bronzed Grackle – Shaker Lakes, May 4, three nests, old birds incubating – May 14, two nests blown down, one contained three young a few days old, the other three eggs – Vera Carrothers.

Cowbird – From nesting records of other species mentioning Cowbird's eggs recorded herewith, the following compilation is made:

Prairie Horned Lark – May 26, nest, 3 eggs of lark, 1 egg of Cowbird.

Blue-winged Warbler – May 13, nest with 2 warbler's eggs, 3 Cowbird's eggs.

May 14, nest completed and abandoned, with no warbler's eggs, 1 Cowbird egg.

May 30, nest with 4 warbler's eggs, 1 Cowbird's egg.

Ovenbird – May 21, nest abandoned with 1 Ovenbird's egg, 2 Cowbird's eggs.

Yellow-breasted Chat – May 30, nest with 3 eggs of Chat, 2 of Cowbird.

Swamp Sparrow – May 13, nest with 5 eggs of sparrow, two of Cowbird.

Song Sparrow – May 23, nest with 4 eggs of sparrow, 1 of Cowbird.

Cardinal – Bedford, April 30, two eggs hatched this day. – Mrs. A. I. Bradley.

Rose-breasted Grosbeak – Kent, May 15, nest building begun – Ralph W. Dexter.

Red-eyed Towhee – Elyria, May 14, nest on ground tucked under broad leaf of Skunk Cabbage, contained 4 eggs – F. M. Phelps. Bass Lake, May 22, nest in rose bush, 2 feet from ground, bird incubating – Ruth R. Kennan.

Slate-colored Junco – Gates Mills, May 21, nest with 4 young apparently two to three days old, in cleft of ivy-covered stump on lawn near edge of deep ravine – May 27, four young left nest; one unhatched egg remained (See Field Notes, p. 15) – Mrs. C. F. Uhl.

Field Sparrow – Mayfield, May 30, nest on ground in thorn scrub, 3 eggs – W. E. Godfrey.

Elyria, April 30, nest, 2 eggs – May 14, 4 young – F. M. Phelps. Fullerton, May 26, nest on ground at foot of shrub about 1 foot high, 4 eggs – June 2, eggs gone – Adela Gaede.

Swamp Sparrow – Avon Lake, May 25, nest in arbor vitae about 2 feet from ground, 4 eggs – Norma Klausmeyer. Aurora Bird Sanctuary, May 13, nest 10 inches from ground in rushes in swampy location – Five eggs of sparrow, two of Cowbird – Cowbird eggs removed – May 20, five eggs of sparrow – May 24, 12:30 P.M., two eggs and three young – 4:30 P.M., one egg and four young – June 2, nest deserted – H. E. Duer.

Nesting Records (continued)

Song Sparrow – Hinckley, May 7, nest on ground, 5 eggs – Mildred Stewart. Shaker Lake Wildflower Preserve, April 29, nest on ground, 4 eggs – May 6, three eggs – A. B. Williams. Shaker Lakes, May 8, nest on ground in clump of grass, 5 eggs – May 13, bird incubating – May 26, three young about three to four days old, remaining two eggs missing – May 30, young still in nest, wing feathers still in quill stage – Donald Newman. Cleveland Heights – May 23, nest in barberry hedge, 4 eggs of sparrow, 1 of Cowbird – A. B. Williams. North Chagrin, May 26, nest, 4 eggs – Vera Carrothers.

FIELD NOTES

Pileated Woodpecker Nesting Behavior – This nest was discovered by Vera Carrothers on the afternoon of May 23, 1945, and revisited by her on four subsequent dates, the last being May 31. It was seen by Harry E. Duer first on May 26, and revisited by him for the purpose of taking motion pictures on five subsequent dates, the last being June 1. The nest was studied by the editor on May 28. The following account is combined and summarized from the notes of all three observers:

- Nest in North Chagrin Reservation of Cleveland Metropolitan Park System, near bridle path, in stub of dead beech, 55 feet from ground.
- May 26 – Female observed feeding 2 young, the red-capped head of one protruding from hole.
- May 27 – As result of continuous watching, both male and female observed feeding young at 2:00, 3:00 and 4:50 P.M.
- May 28 – Male and female observed feeding young at 2:00, 4:00, 5:00, 5:45, 6:50, 7:07 P.M. From 7:15 to 7:50 parents apparently tried to get young out of nest. They were more than halfway out but could not be persuaded to leave. There were 2 young only, 1 male, 1 female, as determined by difference in head coloring.
- May 29 – Female fed both young at 6:35 A. M. Did not return by 7:20 A.M. No further observations till 12:40 P.M., at which time young female only remained in nest. Young male discovered following parents in immediate vicinity, frequently calling for food. 12:40 – adult male drumming at favorite drumming post, a tall slender dead beech, about 10 inches in diameter, about 100 feet from nest tree. Drumming spot was at point about 20 feet from ground. At 1:27 P.M. adult female fed young female at nest.
- May 30 – This being Memorial Day, there were many people in the park, riding horseback along bridle path and following foot trails through woods. Adult woodpeckers restless, with much flying, calling and drumming. In early afternoon a low-flying Cooper Hawk was closely pursued by both adult woodpeckers, while a number of smaller birds joined in the excitement. Adults were evidently bent on getting young female to leave nest. When fed she would come so far out that it would seem impossible for her to get back without turning, but she would always back in.
- May 31 – Observations 12:30 to 4:00 P.M. Young female still in nest. Behavior of adults much as before, but apparently more insistent on getting young bird to leave nest.

Field Notes (continued)

(Pileated Woodpecker Nesting Behavior)

June 1 – 1:50 P.M. – young female located in tall slender maple about 35 feet from ground. Discovered by drumming on dead branch, simulating old bird. The young answered this by calling.

Arthur B. Williams

Juncos Nesting at Gates Mills – It has been known for several years that the Slate-colored Junco now nests regularly on Little Mountain, which lies partly in Lake, partly in Geauga County. When B. P. Bole, Jr. was making his intensive studies of the fauna and flora of Little Mountain from 1935 to 1939, he listed from 6 to 10 nesting pairs of Juncos there each year. These were reported in the Calendar for the years given. The writer saw some of these nests and made a series of pictures of several, but no nest has been reported in recent times away from the mountain.

In 1941 the writer reported seeing Juncos in juvenile plumage in the North Chagrin beech-maple woods on July 20 and July 27. Mrs. Margaret Sherwin also reported seeing adult Juncos almost daily at the Halle farm near Kirtland, during summer of 1941, in a wooded ravine. She banded adults and a juvenile there on August 7 of that year.

Mrs. C. F. Uhl, who lives on the east side of the Chagrin Valley at Gates Mills, reports that for the past 6 years she has seen adult Juncos there during the summertime. This summer she discovered a Junco's nest containing 4 young birds, in a cleft of an ivy-covered stump on her lawn at the edge of a deep ravine. The writer and Earl Godfrey visited this nest on May 27. The 4 young birds were so advanced in development that they left immediately when the nest was closely approached. Then it appeared that there was a single unhatched egg remaining. This egg and the nest were collected for the Museum of Natural History. The parent birds were greatly excited by the flight of the young from the nest, and put on a great show of simulating injury to draw us away from the spot.

The probability seems strong that about the cool deep ravines of the Chagrin Valley, where the hemlocks still contribute a northern aspect to the forest, the Slate-colored Junco may be regularly nesting in some numbers.

Arthur B. Williams

Gadwalls in the Back Lot – "Toward the rear of my land at North Olmsted there is a low area which has been under nine to ten inches of water since the snow melted. When I returned home shortly before noon on March 3, my wife reported seeing a duck on our 'lake'. Shortly after dinner, as I walked back, I was rather surprised to find four ducks busily feeding. I returned to the house immediately for my binoculars in order to identify the species. The females looked rather like Mallards, but the males were quite different. It took me several tries before I finally realized I was looking at Gadwalls. Then I approached them cautiously to within 200 feet and studied them for another half hour. They seemed quite undisturbed and continued to feed busily. Airplanes overhead did not frighten them, to my surprise. Later in the afternoon someone in the distance shot, and although the sound was not very loud, this scared the ducks straight into the air, and after gaining some height, they flew off in a northwesterly direction."

Albert T. Haag

Field Notes (continued)

The Kirtland Bird Club's Field Day at Pymatuning – “From 4:30 A.M. to 11:30 P.M. on May 13, 1945, about twenty members and friends of the Kirtland Bird Club searched the Pymatuning Reservoir area in quest of as large a list of birds as possible. Most of the day it rained, but when the lists were all in they showed a combined total of 109 different species. My personal list of 102 species was as follows:

Pied-billed Grebe, 1; Great Blue Heron, 7; Green Heron, 2; American Bittern, 2; Least Bittern, 2; Mallard, 8; Black Duck, 3; Gadwall, 8; Baldpate, 6; Blue-winged Teal, 6; Wood Duck, 1; Turkey Vulture, 7; Red-shouldered Hawk, 2; Marsh Hawk, 1; Ruffed Grouse (drumming), 1; Bobwhite, 2; Pheasant, 3; Virginia Rail, 2; Sora, 2; Florida Gallinule, 8; Killdeer, 4; American Woodcock (heard), 1; Wilson Snipe, 1; Spotted Sandpiper, 10; Solitary Sandpiper, 2; Greater Yellowlegs, 1; White-rumped Sandpiper, 1; Least Sandpiper, 5; Common Tern, 6; Caspian Tern, 2; Black Tern, 20.

Mourning Dove, 12; Black-billed Cuckoo, 1; Chimney Swift, 10; Ruby-throated Hummingbird, 1; Flicker, 3; Hairy Woodpecker, 1; Downy Woodpecker, 2; Kingbird, 3; Crested Flycatcher, 1; Phoebe, 3; Prairie Horned Lark, 2.

Swallows: Tree, 10; Bank, 30; Rough-winged, 25; Barn, 25; Cliff, 3; Purple Martin, 60.

Crow, 15; Chickadee, 2; Tufted Titmouse, 2; White-breasted Nuthatch, 1; House Wren, 10; Prairie Marsh Wren, 4; Catbird, 8; Brown Thrasher, 2.

Robin, 150; Wood Thrush, 8; Veery, 4; Bluebird, 4.

Blue-gray Gnatcatcher, 2; Ruby-crowned Kinglet, 2; Starling, 40.

Vireos: Yellow-throated, 2; Red-eyed, 2; Warbling, 2.

Warblers: Black and White, 1; Blue-winged, 8; Yellow, 35; Magnolia, 1; Black-throated Green, 2; Cerulean, 3; Prairie, 1; Ovenbird, 4; Grinnell Waterthrush, 10; Northern Yellowthroat, 5; Yellow-breasted Chat, 1; Canada, 1; Redstart, 6.

English Sparrow, 30; Bobolink, 28; Meadowlark, 8; Redwing, 40; Orchard Oriole, 2; Baltimore Oriole, 10; Bronzed Grackle, 12; Cowbird, 10; Scarlet Tanager, 1.

Cardinal, 8; Rose-breasted Grosbeak, 3; Goldfinch, 24; Towhee, 5.

Sparrows: Savannah, 4; Henslow, 2; Vesper, 3; Chipping, 4; Field, 10; White-crowned, 20; White-throated, 12; Swamp, 8 and Song, 22.”

Merit B. Skaggs