

JUNE - JULY - AUGUST
1940

BIRD CALENDAR

of the

Cleveland Bird Club

36th year

No.3



Founded by Francis H. Herrick in 1905 for the
recording of Bird Activities

Edited by John W. Aldrich, The Cleveland Museum
of Natural History
October - 1940

CLEVELAND, OHIO



REGION INCLUDED

The northern tier of Ohio counties from the Marblehead Peninsula east to the Pennsylvania line including: Ottawa (eastern), Erie, Lorain (northern), Cuyahoga, Summit (northern), Lake, Geauga, Portage (northern) and Ashtabula Counties. This is the region normally traversed by Cleveland region observers in the course of their field work.

CONTRIBUTORS

John W. Aldrich
 Albert Bohn
 Vera Carrothers
 B. L. Clisby
 R. E. Clisby
 Joseph Corbe
 G. H. Deutschlander
 Rollin C. Dike
 C. T. Downer
 Charles H. Knight

Edward MacArthur
 J. O. McQuown
 Margarette E. Morse
 Ruth Newcomer
 Donald L. Newman
 Margaret Sherwin
 Marion Skaggs
 Merit B. Skaggs
 M. B. Walters
 Arthur B. Williams

Mr. and Mrs. Skaggs working together were way out in the lead during the past season in number of species recorded, listing 105. Joseph Corbe was second with 61, and J. O. McQuown third with 54. From the standpoint of activity in the field Charles Knight was first with 14 trips, Albert Bohn second with 11, and Joseph Corbe third with 9.

The paucity of records for marsh birds such as herons and ducks indicates a distinct lack of work by our observers in marsh habitats during the summer.

SUMMARY OF WEATHER CONDITIONS
 Taken from Cleveland Weather Bureau Reports

Month	Mean temp.	Normal temp.	Total precip.	Normal precip.	% of possible sunshine	Normal sunshine	* Relative humidity
June	69.0°	67.1°	3.68"	3.12"	69%	67%	71.0
July	73.8	71.4	.96	3.45	79	70	68.2
August	71.6	70.0	3.82	2.77	66	66	71.5
Departure from normal	+5.9		-.88		+11		

* Based on an average of 4 daily readings taken at 1:30 A.M., 7:30 A. M., 1:30 P. M. and 7:30 P.M.

These data would not seem to support the common opinion that we had an unusually cold summer. On the contrary there was an excess of almost 6° in temperature along with an excess of sunshine and a deficiency of rainfall. We did, however, have two unusually cold snaps, one during the latter part of June and the other during the third and fourth weeks of August. During both of these periods there were actually frosts in some sections of the Cleveland region although the Cleveland weather station reported no temperatures below 53°.

SPECIES OCCURRENCE

Starred (*) species nest in the central northern and northeastern Ohio area covered by the Bird Calendar.

- *Pied-billed Grebe - Aug. 18 (2).
- *Great Blue Heron - June 29 (1), July 29 (2), 31 (6), Aug. 18 (10).
- American Egret - 3 seen July 31 and 2 August 18 at Claridon Reservoir by the Skaggs.
- *Green Heron - (Many summer records).
- *American Bittern - July 31 (4), Aug. 19 (2).
- Blue Goose - The single individual that appeared on Mrs. Sherwin's pond on May 25 remained throughout June.
- *Mallard - July 31 (6), Aug. 18 (4).
- *Black Duck - June 21 (1), July 31 (10), Aug. 18 (6).
- Baldpate - June 5 (3), Aug. 10 (3), 14 (10)
- *Blue-winged Teal - July 31 (4), Aug. 18 (6).
- *Turkey Vulture - July 7 (3), 31 (3), Aug. 18 (2).
- *Sharp-shinned Hawk - June 29 (1).
- *Cooper Hawk - 1 pair nested in 30 acre wet beech-maple forest (Carrothers & Morse); another in 37 acre second growth woodland (MacArthur).
- *Red-tailed Hawk - 1 pair nested in 39 acre beech-maple-hemlock forest (Walters and Williams.)
- *Red-shouldered Hawk - 1 pair nested in 14 acre beech-maple woods on till plain (Clisbys); 1 in 30 acre wet beech-maple forest on plateau (Carrothers & Morse); 1 in 40 acre flood-plain forest (Deutschlander).
- *Broad-winged Hawk - Aug. 23 (1).
- Osprey - Aug. 12 (1).
- *Sparrow Hawk - (Many summer records).
- *Ruffed Grouse - June 15 (1).
- *Bob-White - (Many summer records.)
- *Ring-necked Pheasant - (Many summer records.)
- *Virginia Rail - Aug. 16 (1).
- *Florida Gallinule - July 31 (3), Aug. 18 (6).
- *Coot - July 31 (8), Aug. 18 (6).
- Semipalmated Plover - July 25 (3), Aug. 14 (2), 16 (3), 18 (4).
- *Killdeer - (Many summer records).
- Ruddy Turnstone - Aug. 13 (1).
- *Woodcock - 1 pair nested in 39 acre beech-maple-hemlock forest (Williams & Walters); 1 in 37 acre second growth woodland (MacArthur); 1 in 37 acres of mixed brushy and open fields (Dike).
- Wilson Snipe - July 31 (8)
- Hudsonian Curlew - 2 seen at Fairport Harbor, July 16, by Raymond Hill and the Skaggs.

- *Upland Plover - June 29 (2), July 28 (5)
- *Spotted Sandpiper - (Many summer records.)
- Solitary Sandpiper - July 28 (2), Aug. 26 (1).
- Lesser Yellowlegs - July 13 (1), 16 (2), 25 (1), 31 (3), Aug. 14 (3), 16 (2), 18 (3).
- Pectoral Sandpiper - July 25 (3), Aug. 18 (4).
- Baird Sandpiper - 1 seen at Fairport Harbor Aug. 16, by Vera Carrothers and Marian Skaggs.
- Least Sandpiper - July 13 (3), 16 (2), Aug. 14 (4), 16 (40).
- Dowitcher - Aug. 18 (1).
- Stilt Sandpiper - 6 seen Aug. 18 at Pymatuning Reservoir by the Skaggs.
- Semipalmated Sandpiper - July 25 (3), 31 (2), Aug. 14 (2), 16 (40), 18 (6).
- Western Sandpiper - 2 seen July 16 at Fairport Harbor by the Skaggs.
- Sanderling - July 16 (4), 25 (6), Aug. 14 (6), 16 (35).
- Herring Gull - July 16 (3), Aug. 14 (50), 16 (50), 17 (2), 20 (5), 25 (7), 26 (8).
- Ring-billed Gull - Aug. 14 (200), 16 (50), 17 (1), 18 (4), 25 (14).
- Bonaparte Gull - July 31 (2), Aug. 17 (8), 20 (5), 25 (19), 26 (500).
- *Common Tern - (Many summer records).
- Caspian Tern - July 13 (2), Aug. 20 (1).
- *Black Tern - Aug. 18 (4).
- *Mourning Dove - (Many summer records).
- *Yellow-billed Cuckoo - 1 pair nested in 65 acre beech-maple forest (Williams and Walters).
- *Black-billed Cuckoo - 2 pairs nested in 25 acre thorn-apple scrub community (Newcomer);
1 in 40 acre flood plain forest (Deutschlander).
- *Horned Owl - 1 pair nested in 14 acre beech-maple woods on the till plain (Clisbys).
- *Barred Owl - 1 pair nested in 65 acre beech maple forest at North Chagrin (Williams & Walters); 1 in a 30 acre wet beech-maple forest near Gates Mills (Carrothers and Morse).
- *Whip-poor-Will - 1 nested in 37 acre second growth woodland (MacArthur).
- *Nighthawk - (Many summer records).
- *Chimney Swift - (Many summer records).
- *Ruby-throated Hummingbird - (Many summer records).
- *Kingfisher - (Many summer records).
- *Flicker - 1 pair nested in 25 acre wooded ravine (Corbe); 1 in 14 acre beech maple woods on till plain (Clisbys); 1 in 6 acre brushy field, partly swamp (Clisbys).
- *Pileated Woodpecker - June 2 91), 6 (2), 9 (1), 13 (2), July 4 (1), 17 (2).
- *Red-headed Woodpecker - 3 pairs nested in 14 acre beech-maple woods on the till plain (Clisbys).
- *Hairy Woodpecker - 3 pairs nested in 65 acre beech-maple forest (Williams & Walters); 2 in 30 acre beech maple (Carrothers & Morse); 1 in 37 acre second growth woods (MacArthur); 1 in 40 acre flood plain forest (Deutschlander).
- *Downy Woodpecker - 1 pair nested in 25 acre wooded ravine (Corbe); 2 in 40 acre flood plain forest (Deutschlander); 1 in 39 acre beech-maple-hemlock forest at Holden Arboretum (Williams & Walters); 2 in 14 acre beech-maple woods on till plain (Clisbys); 4 in wet beech-maple near Gates Mills (Carrothers & Morse); 5 in beech-maple forest at North Chagrin (Williams and Walters).
- *Kingbird - (Many summer records).

- *Crested Flycatcher - 1 pair nested in 25 acre wooded ravine (Corbe); 1 in 40 acre flood plain forest (Deutschlander); 2 in 39 acre beech-maple-hemlock forest (Williams & Walters); 2 in 14 acre beech-maple woods on till plain (Clisbys); 2 in 65 acre beech-maple forest (Williams & Walters).
- *Phoebe - 1 pair nested in 25 acre wooded ravine (Corbe); another in 65 acre beech-maple forest (Williams & Walters.)
- *Acadian Flycatcher - 2 pairs nested in 14 acre beech-maple woods (Clisbys); 3 pairs in 30 acre wet beech maple forest (Carrothers & Morse); 6 pairs in 39 acre beech-maple-hemlock forest (Williams & Walters); 7 pairs in 65 acre beech-maple (Williams & Walters).
- *Alder Flycatcher - 1 pair nested in 1½ acre swamp shrub community on the till plain (Clisbys).
- *Least Flycatcher - 1 pair nested in 37 acre second growth woodland at Johnson Sanctuary (MacArthur).
- *Wood Pewee - 1 pair nested in tree in 37 acre mixed brushy and open field (Dike); 2 in 37 acre second growth woodlot (MacArthur); 2 pairs in 25 acre wooded ravine (Corbe); 1 pair in 40 acre flood plain forest (Deutschlander); 3 pairs in 14 acre beech-maple woods on till plain (Clisbys); 5 pairs in 39 acre beech-maple-hemlock forest (Williams and Walters); 5 pairs in 65 acre beech-maple forest (Williams & Walters); 6 pairs in 30 acre wet beech maple forest (Carrothers & Morse).
- *Horned Lark - July 29 (2), 31 (2).
- *Tree Swallow - About 3 pairs nested in bird boxes around ponds at the Holden Arboretum.
- *Bank Swallow - (Many summer records).
- *Rough-winged Swallow - 1 pair nested in 25 acre wooded ravine (Corbe).
- *Barn Swallow - (Many summer records).
- *Cliff Swallow - June 29 (1).
- *Purple Martin - (Many summer records).
- *Blue Jay - 1 pair nested in 6 acre brushy field, partly swamp (Clisbys); 2 pairs in 39 acre beech-maple-hemlock forest (Williams & Walters).
- *Crow - 2 pairs nested in 40 acre flood plain forest (Deutschlander).
- *Black-capped Chickadee - 1 pair nested in 37 acre second growth woodland (MacArthur); 1 pair in 40 acre flood plain forest (Deutschlander); 2 pairs in 25 acre wooded ravine (Corbe); 2 pairs in 65 acre beech-maple (Williams & Walters); 3 pairs in 39 acre beech-maple-hemlock (Williams and Walters); 6 pairs in 30 acre wet beech-maple (Carrothers & Morse).
- *Tufted Titmouse - 1 pair nested in 37 acre second growth woodland (MacArthur); 1 pair in 40 acre flood plain forest (Deutschlander); 1 pair in 25 acre wooded ravine (Corbe); 2 pairs in 39 acre beech-maple-hemlock (Williams and Walters); 3 pairs in 30 acre wet beech-maple (Carrothers & Morse); 4 pairs in 14 acre beech-maple woods on till plain (Clisbys); 6 pairs in 65 acre beech maple forest on plateau (Williams & Walters).
- *White-breasted Nuthatch - 1 pair nested in 40 acre flood plain forest (Deutschlander); 1 pair in 25 acre wooded ravine (Corbe); 2 pairs in 39 acre beech-maple-hemlock (Williams and Walters); 2 pairs in 14 acre beech-maple woods on till plain (Clisbys); 2 pairs in 30 acre wet beech-maple (Carrothers & Morse); 3 pairs in 65 acre beech-maple forest (Williams & Walters).
- *House Wren - 1 pair nested in 37 acre mixed brushy and open field (Dike); 1 pair in 40 acre flood plain forest (Deutschlander).
- *Long-billed Marsh Wren - July 31 (4).

- *Catbird - 1 pair nested in 25 acre wooded ravine (Corbe); 1 pair in 37 acre second growth woodland (MacArthur); 2 pairs in 6 acre brushy land, partly swampy (Clisbys); 2 pairs in 37 acre mixed brushy and open field (Dike); 2 pairs in 40 acre flood plain forest (Deutschlander).
- *Brown Thrasher - 1 pair nested in 6 acre brushy land partly swampy (Clisbys).
- *Robin - 1 pair nested in mixed brushy and open fields (Dike); 1 pair in 25 acre thorn-apple scrub (Newcomer); 5 pairs in 25 acre wooded ravine (Corbe).
- *Wood Thrush - 1 pair nested in 39 acre beech-maple woods (Clisbys); 5 pairs in 39 acre beech-maple-hemlock forest (Williams & Walters); 6 pairs in 37 acre second growth woodland (MacArthur); 8 pairs in 30 acre wet beech maple forest (Carrothers & Morse); 12 pairs in 65 acre beech-maple forest (Williams & Walters).
- Olive-backed Thrush - June 2 (1).
- *Veery - 4 pairs nested in 30 acre wet beech maple forest (Carrothers & Morse).
- *Bluebird - 1 pair nested in 6 acre brushy land, partly swampy (Clisbys).
- *Blue-gray Gnatcatcher - 1 pair nested in 14 acre beech-maple woods on till plain (Clisbys);
- *Cedar Waxwing - 1 pair nested in 40 acre flood-plain forest (Deutschlander).
- *Starling - (Many summer records).
- *Yellow-throated Vireo - 1 pair nested in 14 acre beech maple woods on till plain (Clisbys); 2 pairs in 30 acre wet beech-maple forest (Carrothers & Morse); 2 pairs in 65 acre beech-maple forest (Williams & Walters); 3 pairs in 39 acre beech-maple-hemlock forest (Williams & Walters).
- *Red-eyed vireo - 2 pairs nested in 37 acre mixed open and brush fields with a few trees (Dike); 2 pairs in 14 acre beech-maple woods (Clisbys); 7 pairs in 40 acre flood plain forest (Deutschlander); 7 pairs in 37 acre second growth woodland (MacArthur); 10 pairs in 39 acre beech-maple-hemlock forest (Williams & Walters); 11 pairs in 30 acre wet beech maple forest (Carrothers & Morse); 12 pairs in 25 acre wooded ravine (Corbe); 18 pairs in 65 acre beech-maple forest (Williams & Walters).
- *Philadelphia Vireo - June 2 (1).
- *Warbling Vireo - (Many summer records).
- Black and White Warbler - Aug. 25 (2).
- *Blue-winged Warbler - 2 pairs nested in 37 acre second growth woodland (MacArthur); 2 pairs in 25 acre thorn-apple scrub (Newcomer); 1 pair in 6 acre brushy land, partly swampy (Clisbys).
- Nashville Warbler - June 2 (1), July 29 (1), Aug. 8 (1).
- *Yellow Warbler - 3 nested in 6 acre brushy land, partly swampy (Clisbys).
- Magnolia Warbler - June 2 (2).
- *Black-throated Green Warbler - 1 pair nested in 39 acre beech-maple-hemlock forest (Walters and Williams.)
- *Cerulean Warbler - 1 pair in 40 acre flood plain forest (Deutschlander); 1 pair in 65 acre beech-maple forest (Williams & Walters); 2 pairs in 30 acre beech-maple forest (Carrothers and Morse); 3 pairs in 39 acre beech-maple-hemlock forest (Williams & Walters); 1 pair in 14 acre beech-maple woods on till plain (Clisbys).
- Blackburnian Warbler - June 2 (2), July 7 (1 seen at Whipps Ledges, Hinckley Reservation by J. O. McQuown).
- Black-poll Warbler - June 2 (2), Aug. 31 (2).
- *Ovenbird - 1 pair nested in 37 acre mixed brushy and open field with a few trees (Dike); 1 pair in 25 acre wooded ravine (Corbe); 2 pairs in 14 acre beech-maple woods (Clisbys); 5 pairs in 40 acre flood plain forest (Deutschlander); 11 pairs in 39 acre beech-maple-hemlock forest (Williams and Walters); 11 pairs in 30 acre wet beech maple (Carrothers & Morse); 12 pairs in 37 acre second growth woodland (MacArthur); 17 pairs in 65 acre beech-maple forest (Williams & Walters).

- *Louisiana Water-thrush - 1 pair nested in 14 acre beech-maple woods on till plain (Clisbys); 4 pairs in 65 acre beech-maple forest on plateau (Williams & Walters); 5 pairs in 39 acre beech-maple-hemlock forest (Williams & Walters).
- Mourning Warbler - June 2 (1), Aug. 25 (9), 26 (1).
- *Yellowthroat - 1 nested in 37 acre second growth woodland (MacArthur); 2 in 40 acre flood plain forest (Deutschlander); 2 in 37 acre mixed open and brush field (Dike); 2 in 6 acre brushy land partly swampy (Clisbys); 4 in 25 acre thorn-apple scrub (Newcomer).
- *Yellow-breasted Chat - 1 nested in 37 acre mixed brushy and open fields at Johnson Sanctuary (Dike); 2 in 6 acre brushy land partly swampy (Clisbys).
- *Hooded Warbler - 4 pairs in 30 acre wet beech-maple (Carrothers & Morse); 6 pairs in 39 acre beech-maple-hemlock forest (Williams & Walters); 13 pairs in 65 acre beech-maple forest on plateau (Williams & Walters);
- Wilson Warbler - June 2 (2), Aug. 31 (2).
- Canada Warbler - June 2 (1), Aug. 2 (1), 25 (1).
- *Redstart - 1 pair nested in 40 acre flood plain forest (Deutschlander); 1 pair in 25 acre wooded ravine (Corbe); 1 pair in 14 acre beech-maple woods (Clisbys); 4 pairs in 37 acre second growth woodland (MacArthur); 5 pairs in 39 acre beech-maple-hemlock forest (Williams & Walters); 7 pairs in 65 acre beech-maple (Williams & Walters); 12 pairs in 30 acre wet beech-maple (Carrothers & Morse).
- *English Sparrow - 1 pair nested in 37 acre mixed brushy and open field (Dike).
- *Bobolink - June 12 (1), 29 (8), July 29 (2).
- *Meadowlark - (Many summer records).
- *Red-winged Blackbird - 4 pairs nested in 1½ acre swamp shrub community (Clisbys).
- *Orchard Oriole - 1 pair observed at Mentor on the Lake, August 4, by Donald Newman.
- *Baltimore Oriole - (Many summer records).
- *Bronzed Grackle - (Many summer records).
- *Cowbird - present during breeding season in mixed open and scrubby field, second growth woodland, wooded ravine, flood plain forest, and beech-maple forest.
- *Scarlet Tanager - 1 pair nested in 25 acre wooded ravine (Corbe); 1 pair in 14 acre beech-maple forest (Clisbys); 2 pairs in 30 acre beech-maple forest (Carrothers and Morse); 3 pairs in 65 acre beech-maple (Williams and Walters); 3 pairs in 39 acre beech-maple-hemlock (Williams & Williams).
- *Cardinal - 1 pair nested in 40 acre flood plain forest (Deutschlander); 1 pair in 37 acre mixed brushy and open field (Dike); 2 pairs in the 37 acre second growth woodland MacArthur; 2 pairs in 39 acre beech-maple-hemlock forest (Williams & Walters); 2 pairs in 25 acre wooded ravine (Corbe); 4 pairs in 65 acre beech-maple forest (Williams & Walters); 4 pairs in 30 acre wet beech-maple forest (Carrothers & Morse); 6 pairs in 14 acre beech-maple woods on till plain (Clisbys).
- *Rose-breasted Grosbeak - 1 pair nested in 39 acre beech-maple-hemlock forest (Williams & Walters); 3 pairs in 65 acre beech-maple forest (Williams and Walter).
- *Indigo Bunting - 1 pair nested in 37 acre mixed brushy and open field (Dike); 1 pair in 25 acre wooded ravine (Corbe); 1 pair in 37 acre mixed brushy and open field (Dike); 2 pairs in 37 acre second growth woodland (MacArthur); 2 pairs in 14 acre beech-maple woods on till plain (Clisbys); 3 pairs in 40 acre flood forest Deutschlander).

*Goldfinch - (Many summer records).

*Towhee - 1 pair nested in 39 acre beech-maple-hemlock forest (Williams & Walters); 2 pairs in 37 acre mixed brushy and open field (Dike); 3 pairs in 30 acre beech-maple forest (Carrothers & Morse); 3 pairs in 25 acre thorn-apple scrub (Newcomer); 4 pairs in 37 acre second growth woodland (MacArthur); 6 pairs in 14 acre beech-maple woodland on till plain (Clisbys).

*Savannah Sparrow - June 29 (2).

*Grasshopper Sparrow - (Many summer records).

*Henslow Sparrow - (Many summer records).

*Vesper Sparrow - 1 pair nested in 4½ acre brush field (Clisbys).

*Chipping Sparrow - (Many summer records).

*Field Sparrow - 4 pairs nested in 4½ acre brush field (Clisbys); 13 pairs in 37 acre mixed brushy and open field (Dike); 14 pairs in 25 acre thorn-apple scrub field (Newcomer).

Fox Sparrow - 1 seen June 2 at Novelty, Geauga County by Ruth Newcomer.

*Swamp Sparrow - July 29 (10), 31 (2).

*Song Sparrow - 1 pair nested in 25 acre wooded ravine (Corbe); 3 pairs in 37 acre mixed brushy and open field (Dike); 3 pairs in 25 acre thorn-apple scrub (Newcomer); 4 pairs in 6 acre brushy land, partly swampy (Clisbys); 8 pairs in 40 acre flood plain forest (Deutschlander).

BREEDING BIRD POPULATION - CLEVELAND REGION
1940

The following are the results of the fourth annual breeding bird population surveys carried on jointly by the Cleveland Bird Club and Cleveland Museum of Natural History under the direction of Dr. Arthur B. Williams.

Open fields mixed with thorn scrub - 37 acres.

Location: Johnson Bird Sanctuary, Middleburgh Heights, Cuyahoga County.

Census by: Rollin C. Dike.

Breeding population: 33 pairs (89 per 100 acres).

Woodcock	1 pair	Yellow-breasted Chat	1 pair
Wood Pewee	1 pair	Cowbird (present)	-
House Wren	1 pair	Cardinal	1 pair
Catbird	2 pair	Indigo Bunting	1 pair
Robin	1 pair	Towhee	2 pair
Red-eyed Vireo	2 pair	English Sparrow	1 pair
Ovenbird	1 pair	Field Sparrow	13 pair
Yellowthroat	2 pair	Song Sparrow	3 pair

Thorn-apple scrub - 25 acres.

Location: Novelty, Geauga County.

Census by: Ruth Newcomer.

Breeding population: 39 pairs (116 per 100 acres).

Black-billed cuckoo	2 pairs	Towhee	3 pairs
Robin	1 pair	Field Sparrow	14 pairs
Blue-winged Warbler	2 pairs	Song Sparrow	3 pairs
Yellowthroat	4 pairs		

Brushy fields, partly swampy - 6 acres.

Location: Wellington, Lorain County.

Census by: R. E. and B. L. Clisby.

Breeding population: 31 pairs (517 per 100 acres).

Flicker	2 pairs	Yellowthroat	2 pairs
Alder Flycatcher	1 pairs	Yellow-breasted Chat	2 pairs
Blue Jay	1 pairs	Red-winged Blackbird	4 pairs
Catbird	2 pairs	Cowbird	2 pairs
Brown Thrasher	1 pairs	Vesper Sparrow	1 pair
Bluebird	1 pairs	Field Sparrow	4 pairs
Blue-winged Warbler	1 pairs	Song Sparrow	4 pairs
Yellow Warbler	3 pairs		

Flood plain forest - 40 acres.

Location: Rocky River Reservation, Cuyahoga County.

Census by: G. H. Deutschlander.

Breeding population: 44 pairs (110 per 100 acres).

Red-shouldered Hawk	1 pair	Cedar Waxwing	1 pair
Black-billed Cuckoo	1 pair	Red-eyed Vireo	7 pair
Hairy Woodpecker	1 pair	Cerulean Warbler	1 pair
Downy Woodpecker	2 pair	Ovenbird	5 pair
Crested Flycatcher	1 pair	Yellowthroat	2 pair
Wood Pewee	1 pair	Redstart	1 pair
Crow	2 pair	Cowbird (present)	-
Chickadee	1 pair	Cardinal	1 pair
Tufted Titmouse	1 pair	Indigo Bunting	3 pair
White-breasted Nuthatch	1 pair	Goldfinch (present)	-
House Wren	1 pair	Song Sparrow	8 pair
Catbird	2 pair		

Second growth mixed deciduous woodland - 37 acres.

Location: Johnson Bird Sanctuary, Middleburgh Heights, Cuyahoga County.

Census by: Edward MacArthur.

Breeding population: 5 pairs (135 per 100 acres).

Cooper Hawk	1 pair	Red-eyed Vireo	7 pairs
Woodcock	1 pair	Blue-winged Warbler	2 pairs
Whip-poor-Will	1 pair	Ovenbird	12 pairs
Hairy Woodpecker	1 pair	Yellowthroat	1 pairs
Least Flycatcher	1 pair	Redstart	4 pairs
Wood Pewee	2 pair	Cowbird (present)	-
Chickadee	1 pair	Cardinal	2 pairs
Tufted Titmouse	1 pair	Indigo Bunting	2 pairs
Catbird	1 pair	Towhee	4 pairs
Wood Thrush	6 pairs		-

Second growth woodland ravine with stream at bottom - 25.5 acres.

Location: East branch of Euclid Creek, Cuyahoga County.

Census by: Joseph Corbe.

Breeding population: 38 pairs (149 per 100 acres).

Flicker	1 pair	Rough-winged Swallow	1 pair
Downy Woodpecker	1 pair	Chickadee	2 pair
Crested Flycatcher	1 pair	Tufted Titmouse	1 pair
Phoebe	1 pair	White-breasted Nuthatch	1 pair
Wood Pewee	2 pair		

Second growth woodland ravine (cont.)

Catbird	1 pair	Cowbird	2 pairs
Robin	5 pair	Scarlet Tanager	1 pairs
Red-eyed Vireo	12 pair	Cardinal	2 pairs
Ovenbird	1 pair	Indigo Bunting	1 pairs
Redstart	1 pair	Song Sparrow	1 pairs

Young beech-maple-hemlock forest - 39 acres.

Location: Holden Arboretum, Kirtland Township, Lake County.

Census by: Arthur B. Williams and M. B. Walters.

Breeding population: 83 pairs (213 per 100 acres).

Red-tailed hawk	1 pair	Red-eyed Vireo	10 pairs
Woodcock	1 pair	Black-throated Green Warbler	1 pairs
Downy Woodpecker	1 pair	Cerulean Warbler	3 pairs
Crested Flycatcher	2 pair	Ovenbird	11 pairs
Acadian Flycatcher	6 pair	Louisiana Water thrush	5 pairs
Wood Pewee	5 pair	Hooded Warbler	6 pairs
Blue Jay	2 pair	Redstart	5 pairs
Chickadee	3 pair	Scarlet Tanager	3 pairs
Tufted Titmouse	2 pair	Cardinal	2 pairs
White-breasted Nuthatch	2 pair	Rose-breasted Grosbeak	1 pairs
Wood Thrush	5 pair	Indigo Bunting	2 pairs
Yellow-throated Vireo	2 pair	Towhee	1 pairs

Wet beech-maple forest - 30 acres.

Location: Mayfield Heights, Cuyahoga County.

Census by: Margarette E. Morse and Vera Carrothers.

Breeding population: 94 pairs (313 per 100 acres).

Cooper Hawk	1 pair	Veery	4 pairs
Red-shouldered Hawk	1 pair	Yellow-throated Vireo	2 pairs
Barred Owl	1 pair	Red-eyed Vireo	11 pairs
Hairy Woodpecker	2 pair	Cerulean Warbler	2 pairs
Downy Woodpecker	4 pair	Ovenbird	11 pairs
Crested Flycatcher	2 pair	Hooded Warbler	4 pairs
Acadian Flycatcher	3 pair	Redstart	12 pairs
Wood Pewee	6 pair	Cowbird (present)	-
Chickadee	6 pair	Scarlet Tanager	2 pairs
Tufted Titmouse	3 pair	Cardinal	4 pairs
White-breasted Nuthatch	2 pair	Red-eyed Towhee	3 pairs
Wood Thrush	8 pair		

Climax beech-maple forest (Appalachian Plateau) - 65 acres.

Location: North Chagrin Reservation, Township, Cuyahoga County.

Census by: Arthur B. Williams and M. B. Walters.

Breeding population: 120 pairs (185 per 100 acres).

Yellow-billed Cuckoo	1 pair	Chickadee	2 pairs
Barred Owl	1 pair	Tufted Titmouse	6 pairs
Hairy Woodpecker	3 pair	White-breasted Nuthatch	3 pairs
Downy Woodpecker	5 pair	Wood Thrush	12 pairs
Crested Flycatcher	2 pair	Yellow-throated Vireo	2 pairs
Phoebe	1 pair	Red-eyed Vireo	18 pairs
Acadian Flycatcher	7 pair	Cerulean Warbler	1 pairs
Wood Pewee	5 pair	Ovenbird	17 pairs

Climax beech-maple forest (Appalachian Plateau) - (cont.)

Louisiana Waterthrush	4 pairs	Scarlet Tanager	3 pairs
Hooded Warbler	13 pairs	Cardinal	4 pairs
Redstart	7 pairs	Rose-breasted Grosbeak	3 pairs
Cowbird (present)	-		

Climax beech-maple forest (Till Plain) - 14 acres.

Location: Wellington, Lorain County.

Census by: R. E. and B. L. Clisby.

Breeding population: 46 pairs (329 per 100 acres).

Red-shouldered Hawk	1 pair	Blue-gray Gnatcatcher	1 pair
Horned Owl	1 pair	Yellow-throated Vireo	1 pair
Flicker	1 pair	Red-eyed Vireo	2 pair
Red-headed Woodpecker	3 pair	Cerulean Warbler	1 pair
Downy Woodpecker	2 pair	Ovenbird	2 pair
Crested Flycatcher	2 pair	Louisiana Waterthrush	1 pair
Acadian Flycatcher	2 pair	Redstart	1 pair
Wood Pewee	3 pair	Scarlet Tanager	1 pair
Tufted Titmouse	4 pair	Indigo Bunting	2 pair
White-breasted Nuthatch	2 pair	Cardinal	6 pair
Wood Thrush	1 pair	Towhee	6 pair

It is interesting to note the more southern (Carolinean) nature of the bird population of the till plain forest in Lorain County as compared with that of the plateau area as shown by more cardinals and the presence of the gnatcatcher in the former physiographic province. Of interest also is the lack of chickadees in the till plain area.

FIELD NOTES

Least Flycatcher Breeding in Cleveland Region. - The occurrence of the least flycatcher at the Johnson Sanctuary as a nesting species is interesting to note. It can be assumed with reasonable certainty that the bird nested at the Sanctuary, in Middleburgh Heights, Cuyahoga County, because the male was seen and heard on repeated occasions, in exactly the same territory throughout the breeding season. The certain identity of the bird was of course established by the emphatic che-bec notes which are emitted at rather long intervals.

The habitat chosen by the flycatcher is, I believe, rather typical for this species. The notes of the male always came from approximately the center of the mixed deciduous woodland, and near the confluency of two small streams, which carried water throughout the breeding season. The under story of this section of the woods, consists of a number of sapling sugar maples, with a mingling of maple-leaved viburnums. This corresponds to the type of habitat in which I have found least flycatchers in other localities. The inclusion of a stream in their habitat seems to be rather typical. - EDWARD MACARTHUR.

Breeding Population of Great Horned Owls in Ashtabula County.- During the month of March 1940, a search for nests of the Great Horned Owl was made in an area just southwest of Ashtabula, Ashtabula County, Ohio. The area covered is roughly a parallelogram covering 34 square miles and bounded by a line drawn between Ashtabula and Saybrook on the north; Saybrook, Austinburg and Eagleville on the west, Eagleville and Jefferson on the south and Jefferson and Ashtabula on the east.

In co-operation with farm boys of the vicinity all reports of owls in this area were investigated together with 4 days of intensive search at weekly intervals. Four occupied nests of the Great Horned Owl were found among the many nests of hawks and owls seen. A fifth pair of these birds was observed rebuilding an old nest. On three subsequent trips it was found that the birds had abandoned the rebuilding and disappeared from that forested area. A sixth pair was flushed from a forest area just south of Austinburg on three observation days. A diligent search was made for the nest with negative results.

Considering only the 4 occupied nests as a basis for breeding populations estimates on the 34 square mile area covered we find .1176 nests per square mile or 12 nests per 100 square miles. Since Ashtabula County contains 723 square miles and the county as a whole has almost the same terrain and habitat throughout it would indicate that there are approximately 87 pairs of nesting Great Horned Owls in Ashtabula county.- FRANK W. BRAUND.

Unusual Behavior for Pileated Woodpeckers.- On July 17, three Pileated Woodpeckers made themselves very evident in the sweet cherry trees next to the house (at Waite Hill, Willoughby). For a week they kept us in great excitement with their strident calls as they flew from one cherry tree to another - and even engaged in battle on the lawn. Several handsome black and white feathers were retrieved as souvenirs of this fray.- MARGARET H. SHERWIN.

An Item of Technique in Bird Watching.- May 19, 1940 was a warm, sultry day, one of those days that makes you want to take life easy and avoid much walking.* Accordingly, Mrs. Skaggs and I strolled around Shaker Lake, stopping from time to time to look for migrating warblers. We saw several birds in one tree and sat down on a bank to watch them for a little while. Soon, the birds were coming closer to us, apparently forgetting that we were there. A Magnolia Warbler and a female Blackburnian came down to feed in the lower branches, only 6 or 8 feet above us and so close that our field glasses were useless. Then, as they moved away, we saw a small gray bird with no bright colors moving toward us in a slow, deliberate manner. A Warbling Vireo - we thought, but keeping our eyes on it we soon saw that the breast was a dull sulphur yellow in color! Yes it was without a doubt the seldom seen Philadelphia Vireo. We sat silently and the bird came so close to Mrs. Skaggs that she could have touched it. It was quite a thrill, for we often have to identify the members of the warbler and vireo tribes from only a fleeting glance.

* One might suspect the Skaggs of getting old if it were not for the cold facts presented on p. 1 - Ed.

So once again it was brought home to us that if one remains in a favorable spot long enough and is quiet, he is almost certain to get intimate views of some of Nature's Folk. Try it for yourself the next time you are out-of-doors. Perhaps your trips have been Bird Runs instead of Bird Walks!.- MERIT B. SKAGGS.

NOTICE

Bird students of the Cleveland region as well as ornithologists throughout the world note with regret the death of Dr. Francis H. Herrick, well known authority on bird behavior, particularly that of the Bald Eagle, and founder of our Bird Calendar.