

SPECIMENS EXAMINED (FALL AND WINTER).—15: MASSACHUSETTS (Somerville, 1*); COLORADO (Fort Lyon, 1); TEXAS (Cameron County, 1); COSTA RICA (Volcan Turrialba, 1); ECUADOR (Paramba, 1; Baños, 1); PERÚ (Yurimaguas, Loreto, 1); BOLIVIA (Cercado, Santa Cruz, 3; Buena Vista, Santa Cruz, 1); PARAGUAY (Horqueta, 2; Chaco, 1); ARGENTINA (Tucumán, 1).

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Chicago
Illinois

THE STATUS OF BARROW'S GOLDEN-EYE IN THE EASTERN UNITED STATES

BY DR. EDWIN M. HASBROUCK

NUMEROUS writers in the last few years have suggested that the Barrow's Golden-eye (*Glaucionetta islandica*) "may be more common in eastern North America than generally supposed." In my studies of North American waterfowl I found this statement so frequently while a search of the literature failed to produce any concrete evidence on the subject, that it seemed advisable to investigate the matter and, if possible, ascertain something of the eastern status of this duck.

The great similarity of this species to the common American Golden-eye (*Glaucionetta americana*) may tend to hide the true status of the Barrow's. As Bent aptly states: "Outside of the Continental Divide in the northern states it is nowhere in this country an abundant species at any season. It is so rare throughout most of its American range that few ornithologists have seen it in life."

In addition to a careful search of the literature, over two hundred letters were sent to as many ornithologists throughout the eastern United States and Canada requesting information on the occurrence of this duck in each locality. These letters were sent out under the auspices of the United States National Museum, authorized by Dr. Alexander Wetmore and signed by Dr. Herbert Friedmann, Curator of Birds. Over a hundred replies were received, most of which contained valuable information; a few persons who replied (about twenty) knew practically nothing of the species.

In designating the area to be covered, an arbitrary western limit was set at Duluth, and only those records occurring at and east of

* This specimen is labeled as having been taken August 16, but it is in fresh, absolutely unworn breeding plumage, so that it is not a normal bird.

that city have been considered. Greenland and Iceland have been included. West of Duluth the center of abundance of the species appears to be the Rocky Mountain region of Montana west to British Columbia, in which latter region it is fairly abundant and a regular breeder.

The earliest eastern record is that of a specimen in the Dartmouth College museum taken about 1860, and from that date on, the records number 176, comprising over two thousand birds. The exact number is impossible to ascertain as many observers reporting sight records were unable to give a definite number for various reasons, such as "too rough water for an accurate count." Some gave such replies as, "five and others," showing that while at least five were present, others were also there but uncountable for some such reason as that mentioned. Again, some records are undoubtedly repetitions of the same duck seen on different days.

Altogether, however, the records of occurrences are many, and the presumption that the species is "more common in the eastern United States than commonly supposed" seems to be well founded.

These records are distributed over the following states, Canadian provinces, Greenland, and Iceland. For convenience in tabulating, I have adopted the method of giving the definite number as stated by the observer, followed by a '+' where more were indicated that for various reasons could not be counted; thus, 5+.

UNITED STATES

MAINE: 58 records, ranging from Oct. 24 to April 12.

NEW HAMPSHIRE: 4 records, only one with data.

VERMONT: 6 definite records, three of them '+' records ranging from fall of 1917 to Feb. 3, 1923.

MASSACHUSETTS: 244 records with fourteen '+' records, ranging from Nov. 5 to April 25.

RHODE ISLAND: 18 records and one '+' record, ranging from Dec. 26 to April 8.

CONNECTICUT: 12 records and one '+' record, ranging from Nov. 14 to March 21.

NEW YORK: 74 records, ranging from Nov. 23 to March 28.

NEW JERSEY: 2 records, ranging from Dec. 25 (Christmas census) to Feb. 5.

PENNSYLVANIA: 1 record, November.

MARYLAND: 2 records, about Dec. 20.

DISTRICT OF COLUMBIA: 1 record, Nov. 22.

NORTH CAROLINA: 3 records, February.

OHIO: 9 records, ranging from March 1 to April 5.

INDIANA: 4 records, ranging from Dec. 14 to March 10.

ILLINOIS: 2 records, Dec. and Jan. 2.

MICHIGAN: 12 records, ranging from Oct. 23 to April 1.

WISCONSIN: 5 records, ranging from Dec. to April 4.

MINNESOTA: 5 records, and two '+' records.

IOWA: 4 records; one on Oct. 11; three without data.

DOMINION OF CANADA

ONTARIO: 8 records, and one '+' record, ranging from Oct. 9 to April 4.

QUEBEC: 41 records, six '+' records, and one record of a flock of about 1500 ranging from Nov. 10 to May 15.

NEW BRUNSWICK: 12 records ranging from Dec. 15 to May 11.

NOVA SCOTIA: 9 records, two '+' records, ranging from Nov. 25 to April 4.

PRINCE EDWARD ISLAND: 2 records, spring of 1904.

LABRADOR

Twenty records ranging from Aug. 30 to spring; five are '+' records.

GREENLAND

Two records, no data.

ICELAND

Nine records ranging from March 6 to July 2.



TEXT-FIGURE 1. Map showing occurrences of Barrow's Golden-eye in eastern North America.

Thus it will be seen that there are, all told, something over two thousand records ranging from Oct. 11 to April 20. This is exclusive of Greenland and Iceland which, combined, give a total of 31 records.

GREENLAND				
Locality	No.	Date	Reference and authority	Remarks
No data	2	.....	Specimens, Am. Mus. Nat. Hist.	
ICELAND				
North Iceland	1	July 2, 1909	Specimen, Chicago Nat. Hist. Mus.	
Myvattn	1	March 23	Specimen, Chicago Nat. Hist. Mus.	
Laxardal	1	May 23, 1935	Specimen, Chicago Nat. Hist. Mus.	
Laxardal	1	June, 1935	Specimen, Chicago Nat. Hist. Mus.	
Laxardal	1	March 10, 1936	Specimen, Chicago Nat. Hist. Mus.	
Laxardal	1	April 29, 1939	Specimen, "Peet" Coll., University Mich.	
Laxardal	1	May 16, 1939	Specimen, "Peet" Coll., University Mich.	
Lake Myrmalu	1	March 6, 1911	Specimen, Royal Ontario Mus. Zool., Toronto.	
Lake Myrmalu	1	March 8, 1911	Specimen, Royal Ontario Mus. Zool., Toronto.	
QUEBEC				
Bonaventure Island	3	Nov. 10, 1939	Harrison F. Lewis.	Sight; by letter
Point de Monte	+	1881	Merriam. Bull. Nutt. Orn. Cl., 7: 240, 1882. Common resident, breeding.	Sight
Godbout River	+	1881	Merriam. Bull. Nutt. Orn. Cl., 7: 240, 1882. N. A. Comeau showed skins of both sexes taken here.	Specimens
Mont Louis, Gaspé Peninsula	+	April 20, 1924	John B. Demille, Auk, 43: 514, 1926.	Sight
Pilgrim Isls., Kamouraska Co.	2	Dec. 22, 1939	Specimens, Royal Ontario Mus. Zool., Toronto.	
La Baie des Rochers, Saguenay Province	1	Nov. 1942	Dr. Déry.	Specimen; by letter
Lower St. Lawrence	+	About October	J. Arthur Mathewson. Reports a flock of about 1500 seen some years ago by his father S. J. Mathewson and himself. Some are present every winter.	Sight; by letter
Montreal, Ladine	1	Spring 1939	S. J. Mathewson.	Sight; by letter
Bonne Esperance, Saguenay Province	1	Feb. 20, 1896	Specimen, Nat. Mus. Canada (A. L. Rand).	By letter
Percé	4	Feb. 1915	Specimen, Nat. Mus. Canada (A. L. Rand).	By letter
Rimouski	9	.....	Specimen, Nat. Mus. Canada (A. L. Rand).	By letter
Bonaventure Island	1	Feb. 16, 1916	Specimen, University Mus., Michigan.	
Piastre Bay	1	June 1909	Specimen, Mus. Comp. Zool.	
Metis	+	.....	Harrison F. Lewis. Occurs regularly on the St. Lawrence, vicinity of Metis.	Sight; by letter
St. Lawrence River	1	.....	Specimen, Acad. Nat. Sci. Phila.	By letter; very old specimen
Sorel	1	Fall 1942	S. J. Mathewson.	Specimen; by letter
.....	3	.....	S. J. Mathewson.	Specimen; by letter

QUEBEC— <i>cont.</i>				
<i>Locality</i>	<i>No.</i>	<i>Date</i>	<i>Reference and authority</i>	<i>Remarks</i>
Bonaventure Island	1	Feb., 1918	W. Duvall, Specimen Nat. Mus. Canada.	By letter
Bonaventure Island	1	Feb. 20, 1918	W. Duvall, Specimen Nat. Mus. Canada.	By letter
Bonaventure Island	6	Feb., 1916	W. Duvall, Specimen Nat. Mus. Canada.	By letter
Bonaventure Island	2	Feb., 1916	Specimen, Chicago Nat. Hist. Mus.	
Lower St. Lawrence	1	May 15, 1917	Specimen, Carnegie Mus.	
Bay St. Claire Anticosti	+	Jan. 3, 1902	Joseph Schmitt, Monograph de l'Isle d'Anticosti: 295, 1904.	Sight
Missisquoi on Lake Champlain	1	.....	M. Chamberlain, Catalogue Canadian Birds: 24, 1887.	Specimen; nest and eggs taken
NOVA SCOTIA				
Digby Basin, Digby Co.	+	1919	R. W. Tufts (Unpublished notes).	By letter; sight
Little River Harbor	1	Dec. 31, 1920	R. W. Tufts (Unpublished notes).	By letter; sight
Gaspereaux River	2	Jan. 2, 1933	R. W. Tufts (Unpublished notes).	By letter; sight
Gaspereaux River	1	Jan. 14, 1933	R. W. Tufts (Unpublished notes).	By letter; sight
Little Duck Island, Grand Manan Archipelago	1	Nov. 25, 1921	Proc. and Trans. Nova Scotia Inst. Sci., 19: 326, 1937-1938 (1939).	Specimen
"Nova Scotia"	+	Spring	Proc. and Trans. Nova Scotia Inst. Sci., 8: 149, 1888. Taken occasionally.	
Halifax, Steele's Pond, Point Pleasant	1	April 4, 1885	Donald K. Crowdes, Specimen, Provincial Mus. Nova Scotia.	Specimen; by letter
.....	1	.....	J. P. Gilpin, Proc. and Trans. Nova Scotia Inst. Sci., 1878. Specimen, Provincial Mus. Nova Scotia.	Specimen; by letter
ONTARIO				
Hamilton	3	1886	McIlwraith, Birds of Ontario: 81; 1885.	Specimens
Prescott Co.	1	Oct. 9, 1900	Specimen, Mus. Comp. Zool.	
Fisherman's Is., Toronto	1	April 4, 1909	J. M. Spiers.	Sight; by letter
Fisherman's Is., Toronto	1	March 26, 1911	J. M. Spiers.	Sight; by letter
Toronto	1	April 18, 1885	Ernest E. T. Seton, Auk, 2: 336, 1885.	Specimens
Lucknow	+	Winter	Dr. Garner, Birds of Ontario: 81, 1885. Reports them occasionally along shore of Lake Huron.	
PRINCE EDWARD ISLAND				
St. Peter's Bay	2	Spring, 1904	McSwain, Proc. and Trans. Nova Scotia Inst. Sci., 11: 573, 1908.	Specimens
LABRADOR				
Davis Inlet	+	1886	Austin, Birds of Newfoundland Labrador: 45, 1932.	Specimens by Turner
Killinek	1	Aug. 30, 1906	Austin, Birds of Newfoundland Labrador: 45, 1932.	Specimen
Killinek	+	About 1900	Austin, Birds of Newfoundland Labrador: 45, 1932.	Sight

LABRADOR—*cont.*

<i>Locality</i>	<i>No.</i>	<i>Date</i>	<i>Reference and authority</i>	<i>Remarks</i>
Killinek	6	1906	Austin, Birds of Newfoundland Labrador: 45, 1932. Hantzh and Turner say plentiful along coast.	Sight
Nakeak	1	Spring, 1883	Specimen U. S. Nat. Mus.	
"Labrador"	1	Jan., 1909	Specimen in Mus. Comp. Zoöl.	
Blanc Sablon	1	Nov. 3, 1930	Specimen in Mus. Univ. Michigan.	
Red Bay	1	Sept. 9, 1924	Specimen in Mus. Univ. Michigan.	
Hegashga River	1	Spring, 1895	Specimen in Am. Mus. Nat. Hist.	
"Labrador"	1	Feb. 10, 1881	Specimen in Am. Mus. Nat. Hist.	
Piashte Bai	2	Jan., 1908	Townsend and Bent, Auk, 27: 10, 1910, record it a regular winter visitant.	
Koksoak River	+	.....	Bent, U. S. Nat. Mus., Bull. 130; 30, 1925.	
Netashquan	+	.....	American Field, 34: 79, 1890. Prof. Winfrid A. Stearns.	
Esquimaux River	+	.....	American Field, 34: 79, 1890. Prof. Winfrid A. Stearns.	
Coast of Labrador	+	.....	Bent, U. S. Nat. Mus., Bull. 130; 30, 1925, states from Turner's unpublished notes that they are quite common along entire coast of Labrador, and that large numbers came into a certain cove for shelter during a storm.	

NEW BRUNSWICK

Oak Bay	1	Feb. 13, 1890	Specimen Chicago Nat. Hist. Mus.	
Near St. John on Kennebecsis River	2	May 11, 1941	Howard L. Mendell and John Pearce of Fish and Wild Life Service.	Sight: by letter
Miscoon Is.	1	Dec. 15, 1915	A. L. Rand. Specimen, Nat. Mus. Canada.	By letter
Miscoon Is.	1	Jan. 18, 1918	A. L. Rand. Specimen, Nat. Mus. Canada.	By letter
Mispeck	1	March 26, 1883	Specimen, Am. Mus. Nat. Hist.	
"New Brunswick"	+	.....	M. Chamberlain, Bull. Nat. Hist. Soc. New Brunswick, 1: 23-26, 1882. "Not uncommon."	
Oak Bay	1	.....	Specimen, U. S. Nat. Mus.	
St. John Co.	1	March 26, 1883	Specimen, Mus. Comp. Zoöl.	
Oak Bay	1	Dec., 1889	Specimen, Mus. Comp. Zoöl.	
St. John's River Valley	2	Spring, 1941	John Pearce.	Specimens; by letter

MAINE

Bar Harbor	1	April 10, 1885	Specimen, Am. Mus. Nat. Hist.	
Bar Harbor	1	April 10, 1888	Specimen, Am. Mus. Nat. Hist.	
Milford	1	May 10, 1882	Specimen, Am. Mus. Nat. Hist.	
Brunswick	2	Nov. 12, 1923	Alfred O. Gross.	Specimen; by letter
Blue Hill, Hancock Co.	1	April 12, 1939	Howard L. Mendell.	Sight; by letter
Penobscot River	2	Oct. 24, 1940	Howard L. Mendell.	Specimen; by letter
Buckport, Hancock Co.	1	.....	Specimen, Royal Ont. Mus. Zool., Toronto.	By letter
Bangor	1	March 13, 1884	Specimen Peabody Mus., New Haven, Conn.	
Scarboro	2	Dec. 30, 1911	Norton, Auk, 30: 575, 1913.	Specimen
Scarboro	2	Jan. 11, 1912	Norton, Auk, 30: 575, 1913.	Specimen
Scarboro	1	March 26, 1912	Norton, Auk, 30: 575, 1913.	Specimen

MAINE—cont.				
<i>Locality</i>	<i>No.</i>	<i>Date</i>	<i>Reference and authority</i>	<i>Remarks</i>
Scarboro	1	March 28, 1912	Norton, Auk, 30: 575, 1913.	Specimen
Bar Harbor	2	41st Christmas Census	Aud. Mag., 43: 76, 1941.	Sight
Bar Harbor	25	39th Christmas Census	Bird Lore, 41: 4, 1939.	Sight
Calais	1	.....	Specimen, U. S. Nat. Mus.	
Milltown	2	March, 1883	Specimens, Mus. Comp. Zoöl.	
Buckport	1	April, 1896	Specimens, Mus. Comp. Zoöl.	
Buckport	3	Feb. 1, 1894	Specimens, Mus. Comp. Zoöl.	
Buckport	1	March 3, 1890	Specimen, Chicago Mus. Nat. Hist.	
Fort Point	1	Jan. 15, 1892	Specimen, Mus. Comp. Zoöl.	
Fort Point	1	March 7, 1892	Specimen, Mus. Comp. Zoöl.	
Isle-au-Haut	1	Jan. 10, 1883	Specimen, Mus. Comp. Zoöl.	
Penobscot Co.	1	Dec. 14, 1911	Specimen, Chicago Mus. Nat. Hist.	
Penobscot Co.	1	1895	Specimen, Chicago Mus. Nat. Hist.	
Bar Harbor	1	March, 1888	Specimen, Chicago Mus. Nat. Hist.	
Calais	1	About 1860	Specimen, Dartmouth College Mus.	
NEW HAMPSHIRE				
Dover	1	.....	R. L. Weaver, copied from notes by Charles F. Goodhue, 'Fifty years among the Birds of New Hampshire.'	Specimen; by letter
Portsmouth, "Little Bay"	1	1909	G. M. Allen (through letter from R. L. Weaver).	Sight; by letter
Pittsburg	2	Jan., 1940	Ralph M. Carpenter.	Sight; by letter
VERMONT				
Wells River	4	Winter of 1919-1920	W. P. Smith, Auk, 38: 467, 1921.	Sight
Wells River	1	Feb. 3-23, 1920	R. L. Weaver and W. P. Smith.	Sight; by letter
Lunenburg	1	.....	Specimen Fairbanks Mus. Nat. Hist., St. Johnsbury.	W. P. Smith
Lake Cham- plain	+	Fall, 1917	D. E. Kent and G. L. Kirk. Several seen in the hands of hunters.	Specimens: by letter
Newbury	+	Winter of 1918-1919	Aaron C. Bagg, Auk, 40: 265, 1923. Several seen at junction of Wells and Connecticut rivers.	Sight
Bridgeport	+	Nov. 17, 1917	R. L. Weaver on authority of Bagg and Elliot. A number of birds seen.	Sight; by letter
MASSACHUSETTS				
Quincy	1	Jan. 27, 1940	Wendell Taber.	Sight; by letter
Greenwich	1	Feb. 28, 1910	Bagg and Elliot, Birds of the Connecti- cut Valley in Massachusetts: 90, 1937. Specimen, Mus. Bost. Soc. Nat. Hist.	
Agawan, "Cola Shasta"	1	April 3, 1923	In Notes of Alice M. Bowers by Elliot in 1935.	Specimen
Agawan, Conn. River	1	Nov. 5, 1935	Bagg and Elliot, Birds of the Connecti- cut Valley in Massachusetts: 91, 1937.	Sight
Beverly	6	Jan. 12, 1939	F. Gilbert Emilio.	Sight; by letter
Beverly	2	Jan. 8, 1939	F. Gilbert Emilio.	Sight; by letter
Beverly	1+	Dec. 26, 1938	F. Gilbert Emilio.	Sight; by letter
Cape Ann	2	Jan. 23, 1934	F. Gilbert Emilio.	Sight; by letter

MASSACHUSETTS—cont.

Locality	No.	Date	Reference and authority	Remarks
Lynn	195	Nov. 25, 1926– April 25, 1928	F. Gilbert Emilio. Positive individuals.	Sight; by letter
Lynn	14+	Nov. 25, 1926– April 25, 1928	F. Gilbert Emilio. Where they were uncountable.	Sight; by letter
Nahant	3	Christmas Cen-	Crosby, Griscom, Emilio and Preston,	Sight
Lynn	6	sus of Dec.	Bird Lore, 30: 30, 1928.	
Marblehead		24, 1928		
Nahant,	1	March, 1878	Townsend, Mem. Nutt. Orn. Club, 3:	Specimen
Essex Co.			139, 1905.	
Cape Cod	1	1872	Specimen, Mus. Comp. Zoöl.	
Boston Market	1	Feb. 11, 1880	Specimen, Mus. Comp. Zoöl.	
Boston Market	1	Feb. 18, 1881	Specimen, Mus. Comp. Zoöl.	
Newburyport	1	Dec. 3, 1942	Stanley C. Ball, New England Bird Life,	Specimen
			6: 12, 1942.	
Cape Cod	1	Dec. 7, 1871	Howe, Birds of Massachusetts: 55, 1901.	Specimen
Boston Market	2+	Winter of	Howe, Birds of Massachusetts: 55, 1901.	Specimens
		1871–1872	Two males and a number of females.	
Cape Cod	1	39th Christmas	Bird Lore, 41: 40, 1939.	Sight
		Census		
Cambridge	1	39th Christmas	Bird Lore, 41: 5, 1939.	Sight
		Census		
Cambridge	2	35th Christmas	Bird Lore, 37: 35, 1935.	Sight
		Census		
Essex Co.	1	30th Christmas	Bird Lore, 32: 23, 1930.	Sight
		Census		
Lynn	3	Jan. 26, 1919	Townsend, Mem. Nutt. Orn. Club, 3:	Sight
			39, 1905.	
Newburyport	1	Mar. 24, 1925	Wendell Taber.	Sight; by letter
Harbor				
Newburyport	1	April 15, 1940	Wendell Taber.	Sight; by letter
Harbor				
Essex Co.	1	Jan. 19, 1941	Wendell Taber.	Sight; by letter
Rockport	1	Jan. 25, 1941	Wendell Taber.	Sight; by letter
Rockport	1	Feb. 22, 1942	Wendell Taber.	Sight; by letter
			RHODE ISLAND	
Sakonnet Point	3+	.....	Harold N. Gibbs.	3 specimens; others seen
Kingston	1	Dec. 26, 1940	Audubon Magazine, 43: 8, 1941.	Sight
Providence	1	Dec., 1941	Audubon Magazine, 43: 81, 1941.	Sight
Providence	1	Dec., 1880	Specimen Mus. Comp. Zoöl.	Sight
Narragansett	1	Feb. 6, 1940	Edward L. Coman.	Sight
Narragansett	1	Dec. 21, 1940	Coman and Kraus.	Sight
Narragansett	1	Feb. 22, 1941	Coman and Kraus.	Sight
Narragansett	1	Jan. 3, 1942	Coman and Kraus.	Sight
Narragansett	1	March 5, 1939	Harold N. Gibbs.	Sight
Narragansett	1	March 24, 1939	Harold N. Gibbs.	Sight
Narragansett	1	April 8, 1939	Kraus and Gibbs.	Sight
Bristol Harbor	3	Jan. 14, 1940	Harold N. Gibbs.	Sight; by letter
Narragansett	1	Dec. 19, 1940	Kraus and Gibbs.	Sight; by letter
Narragansett	1	Jan., 1941	Kraus and Gibbs.	Sight; by letter
			CONNECTICUT	
Meriden	4	1919–1920	Wendell P. Smith, Auk, 38: 467, 1921.	Sight
So. Windsor	2	Nov. 19, 1939	M. L. Hoffman, Auk, 57: 244, 1940.	Sight

CONNECTICUT—*cont.*

<i>Locality</i>	<i>No.</i>	<i>Date</i>	<i>Reference and authority</i>	<i>Remarks</i>
Long Island Sound	1	Nov. 14, 1867	Merriam, Birds of Connecticut: 126, 1877.	Specimen
East Haven	2	Dec. 25, 1883	Sage, Bishop and Bliss, Birds of Connecticut; 36, 1913.	Specimens
Westport	2	Mar. 21, 1937	Aretas A. Saunders.	Sight; by letter
Long Island Sound	1	Nov. 14, 1867	Sage, Bishop and Bliss, Birds of Connecticut: 36, 1913. Specimen, Peabody Mus.	
Noank	+	.....	Ralph E. Danforth (Finds a few).	Letter
NEW YORK				
Ogdenburg	40	Prior to 1898	D. G. Elliot, Wildfowl of North America: 181, 1898, Says he found it at times quite common on the St. Lawrence River. (Eaton says about 40 taken.)	Specimens
Orient, L. I.	9	Jan. 5, 1909	Roy Latham.	Sight; by letter
Orient, L. I.	1	Feb. 11, 1926	Roy Latham.	Sight; by letter
Orient, L. I.	1	Feb. 16, 1918	Roy Latham.	Sight; by letter
Orient, L. I.	3	March 3, 1918	Roy Latham.	Sight; by letter
Brockport	1	March 28, 1888	Specimen, Am. Mus. Nat. Hist.	
Long Island	1	.....	Dutcher, Auk, 10: 270, 1893.	Specimen
Green Island	1	Jan. 21, 1887	Eaton, Birds of New York: 211, 1910.	Specimen
Sodus Bay	1	Nov. 1904	Eaton, Birds of New York: 211, 1910.	Specimen
Long Island	1	Nov. 1904	Eaton, Birds of New York: 211, 1910.	Specimen
St. Lawrence River	1	About 1898	Specimen, U. S. Nat. Mus.	
Niagara River	1	Feb. 22, 1899	Specimen, Mus. Comp. Zool.	
Burkport	1	Nov. 23, 1911	Harold D. Mitchell.	Specimen; by letter
Long Island	1	.....	LeRoy Wilcox, Specimen Long Island Historical Soc.	
Montauk, L. I.	8	Feb. 1, 1937 to Jan. 23, 1939	Pangburn and Helmuth, (Cruickshank, Birds around New York City: 111, 1942).	Sight
Raritan Bay	1	Jan. 5, 1915	Cruickshank, Birds around New York City: 111, 1942.	Sight (Urner)
Raritan Bay	1	Feb. 5, 1939	Cruickshank, Birds around New York City: 111, 1942.	Sight (Brown, Edwards and Wolforth)
Smithtown, Long Island	1	March 18-25, 1940	J. J. Elliott.	Sight; by letter
Long Pond, Monroe Co.	1	March 11, 1934	Wm. L. G. Edson.	Sight; by letter
NEW JERSEY				
Sandy Hook Bay	1	Feb. 5, 1939	Wolforth, Auk, 56: 329, 1939.	Sight
Cape May	1	35th Christmas Census	Bird Lore, 37: 45, 1935.	Sight
PENNSYLVANIA				
Conneaut Lake	1	Nov., 1924	Annals Carnegie Mus., 18: 76, 1928.	Specimen

MARYLAND				
<i>Locality</i>	<i>No.</i>	<i>Date</i>	<i>Reference and authority</i>	<i>Remarks</i>
Bush Point, mouth of Bush River	1	About Dec. 20, 1922	James Bond (Shot by A. J. Dando).	Specimen; by letter
DISTRICT OF COLUMBIA				
Washington	1	Nov. 22, 1889	C. Herbert, Auk, 8: 112, 1891.	Specimen
NORTH CAROLINA				
New Berne	1	1892	C. S. Brimley, Auk, 10: 241, 1893.	Specimen
Buncomb Co.	1	Feb. 1893	C. S. Brimley, Auk, 10: 241, 1893.	Specimen
"North Carolina"	1	Feb. 7, 1895	Specimen, Chicago Nat. Hist. Mus.	
OHIO				
Lorain Co.	1	.....	Lynds Jones, Birds of Ohio: 44, 1903.	Specimen
"Southern Ohio"	1	March 1, 1925	Conrad Roth, Bird Lore, 29: 8, 1927.	Specimen
Sandusky Bay	1	.....	E. L. Mosely, Birds of Ohio, 609, 1903.	Sight
Bay Village	1	May 7-9, 1940	Bird Calender Cleveland Bird Club, 36th year, 4: 2, 1940.	Sight
Cleveland	3	March 21, 1941	Bird Calender Cleveland Bird Club, 37th year, 2: 4, 1940.	Sight
Lorain	1	March 30, 1892	L. M. McCormick, Auk, 9: 397, 1892.	Specimen
Lorain	1	April 5, 1892	Wilson Bull: 117, 1909. Specimen, Oberlin College Mus.	
INDIANA				
Lower Wabash River, Gib- son Co.	1	1874	Butler, Birds of Indiana: 622, 1898.	Specimen
Camden, Car- roll Co.	1	March 10, 1885	Butler, Birds of Indiana: 622, 1898.	Specimen
Chicago	2	Dec. 14, 1896	Butler, Birds of Indiana: 622, 1898.	Specimens
ILLINOIS				
Mt. Carmel	1	Dec., 1874	E. W. Nelson, Bull. Nat. Orn. Cl., 2: 41, 1876.	Specimen
Fox Lake	1	Jan. 2, 1889	Butler, Birds of Indiana: 622, 1898.	Specimen
MICHIGAN				
Marquette	1	Oct. 23, 1942	S. Morris Pell (Seen in a gunner's bag).	Specimen; by letter
Hillsdale	1+	1892	A. J. Cook, Bull. Michigan State Agr. College, 94: 27, 1893 (Taken from a flock on a lake).	Specimen
Ottowa Co.	1	March 22, 1907	Barrows, Michigan Bird Life: 99, 1912.	Specimen
Edgerton	1	1877	Barrows, Michigan Bird Life: 99, 1912.	Specimen
Detroit	2	Dec., 1936	Bird Lore, 38: 71, 1936. 36th Christ- mas Census.	Sight
Detroit	4	Dec., 1926	Bird Lore, 28: 38, 1926. 26th Christ- mas Census.	Sight
Wayne Co.	1	About April 1, 1905	Occ. Papers Mus. Zool., University Michigan, 379: 7, 1938 (Van Tyne).	Specimen
Black Lake	1	March 22, 1907	Occ. Papers Mus. Zool., University Michigan, 379: 7, 1938 (Van Tyne).	Specimen
WISCONSIN				
Green Bay	1	Dec., 1939	Bird Lore, 41: 40, 1930. 39th Christ- mas Census.	Sight
Beloit	1	April 4, 1899	Specimen Am. Mus. Nat. Hist.	

WISCONSIN— <i>cont.</i>				
Locality	No.	Date	Reference and authority	Remarks
Milwaukee Harbor	2	Feb. 9, 1922	O. J. Gromme. Two swam in; shot the male but lost him, secured the other. (Taken from field notes.)	Specimens; by letter
Lahe Koshkonong	1	Nov. 14, 1896	Barrows, Michigan Bird Life: 99, 1912.	
MINNESOTA				
Big Woods	1	1877	Roberts, Notes on Birds of Minnesota, in Geol. and Nat. Hist. Survey Minnesota: 65, 1892 (Hatch).	Specimen
Big Woods	1	1881	Roberts, Notes on Birds of Minnesota, in Geol. and Nat. Hist. Survey Minnesota: 65, 1892 (Hatch).	Specimen
Near Iowa state line	1	1891	Roberts, Notes on Birds of Minnesota, in Geol. and Nat. Hist. Survey Minnesota: 65, 1892 (Hatch).	Specimen
.....	1	.....	Roberts, Notes on Birds of Minnesota, in Geol. and Nat. Hist. Survey Minnesota: 65, 1892 (Hatch). (Dr. Hvoslef has a female.)	Specimen
Lake-of-the-woods	+	April, 1912	Roberts, Birds of Minnesota: 269, 1932. (T. Surber notes several flocks.)	Sight
Le Clair Point	1	April 10, 1912	Birds of Minnesota: 269, 1932. (Reported by Dr. Roberts.)	Specimen
Grand Marais	+	Nov. 30, 1928	Birds of Minnesota: 269, 1932. (Reported by Dr. W. P. Abbott.)	Sight
IOWA				
Independence	1	Oct. 11, 1892	R. W. Anderson, Proc. Davenport Acad. Sci. 11: 177, 1907.	Specimen
Pottawattamie	.....	.....	R. W. Anderson, Proc. Davenport Acad. Sci. 11: 177, 1907.	Sight
Linn	.....	.....	R. W. Anderson, Proc. Davenport Acad. Sci. 11: 177, 1907.	Sight
Keokuk	R. W. Anderson, Proc. Davenport Acad. Sci. 11: 177, 1907.	Sight

U. S. National Museum
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NOTES ON BREEDING LAPLAND LONGSPURS AT CHURCHILL, MANITOBA

BY LAWRENCE I. GRINNELL

Plates 23-25

DURING a stay at Churchill, Manitoba, from June 2 to July 23, 1940, for the purpose of studying and photographing birds, the writer had opportunity to observe the reproductive habits of Lapland Longspurs (*Calcarius lapponicus lapponicus*). He is greatly indebted to Dr. Ralph S. Palmer for his assistance and advice during this study, and for the photographs reproduced herewith, and to Henry Dietrich of Cornell University, Carl Heinrich of the U. S. Department of Agriculture, and Dr. Walter C. Muenscher of Cornell University for their