

# Field Records

## March 1983



by George W. Gove, Robert H. Stymeist, Lee E. Taylor

The month of March was warm, wet and windy. The temperature averaged  $40.6^{\circ}$ ,  $2.2^{\circ}$  above normal; this was the warmest March since 1979. The high mark was  $61^{\circ}$  on the fourteenth and twenty-eighth. The low was a chilly  $22^{\circ}$  on the twenty-fifth, unusually late in the month. Precipitation totaled 9.72 inches, 5.59 inches over the average and the most in March since 1953, thirty years ago. This was the fifth wettest March in 166 years and the twenty-eighth wettest month in nearly 2000 months! Measurable rain fell seven days in a row, March 7-13, just falling short of the eight day record for March 1884. Precipitation for the year to date is 19.75 inches, the most since 1958; 1983 ranks as the wettest in 166 years. Monthly rain totals were even greater in some suburbs, eleven inches to the north and thirteen to fourteen inches to the south of Boston in the Hingham-Pembroke area. Snow was nearly absent; the total was but 0.2 inch and that quickly melted. This was 7.5 inches less than average and the least in March since 1979. This record ties for eighth place for the least amount of snow in 93 years. Thunderstorms occurred on four days, a record for March. The average is less than one day. The storm on the twenty-eighth hit harder just to the south, leaving the ground practically covered by small hail in some suburbs. Fog was rather frequent during the month.

R.H.S.

### LOONS THROUGH WATERFOWL

There was a buildup of Red-necked Grebe at Corporation Beach, Dennis during this month. This concentration has occurred now for several years at this location. The Western Grebe has continued in the Third Cliff area of Scituate since last November, apparently feeling no need to associate with other Western Grebes at this point.

The first herons of spring were reported following southeast winds of March 17 and a warming period of three to four days of near  $60^{\circ}$  weather. Cattle Egrets were noted only from the islands of Martha's Vineyard and Nantucket.

Three Tundra Swans continued on the Vineyard, but only three Snow Geese were seen all month. The population of Brant along the eastern Massachusetts shore is encouraging considering their endangered status several years ago. The Wood Ducks returned to their breeding areas by the end of the month. Blue-winged Teal and increasing numbers of Green-winged Teal, Northern Pintail and Gadwall were also reported by March 20. A Eurasian Wigeon was noted at East Orleans, and Harlequin Ducks were reported from Rockport, Marshfield and as many as sixteen from the Vineyard. The Tufted Duck continued at Acoaxet through March 13; and then this bird or another appeared in Chatham on March 27 where it remained through the end of the month. A Barrow's Goldeneye was unusual at Great Meadows in Concord.

R.H.S.

<u>SPECIES/DATE</u>	<u>LOCATION</u>	<u>NUMBER</u>	<u>OBSERVERS</u>
Red-throated Loon: 19-20	Nantucket	10	BBC(C.Jackson)
Common Loon: 19-20,27	Nantucket, P.I.	50, 20	BBC(C.Jackson),SSBC
Pied-billed Grebe: 6	Westport	1	G.Gove
Horned Grebe: 6,27	Quincy, W.Falmouth	11, 48	L.Robinson,D.Arvidson
Red-necked Grebe: 6, 24;27	Dennis (Corporation Beach)	42, 62; 130 <sup>+</sup>	B.Nikulā;D.Arvidson
6	Westport, Brant Rock	2, 2	C.Floyd,W.Petersen
<u>Western Grebe:</u> thr.	Scituate	1 (from Nov. 82)	v.o.

<u>SPECIES/DATE</u>	<u>LOCATION</u>	<u>NUMBER</u>	<u>OBSERVERS</u>
Northern Gannet: 19-20,20	Nantucket, P'town	40, 300 <sup>+</sup>	BBC,B.Nikula <sup>#</sup>
Great Cormorant: 3,14 29	Nauset, Penikese I. Orleans-Eastham	75, 125 <sup>+</sup> 150 <sup>+</sup>	J.Redfern#,B.Nikula# B.Nikula
Double-crested Cormorant: 9-31,26	Somerville, M.V.	max. 15 3/24, 15	J.Berry, R.Stymeist#
American Bittern: 6,20	Eastham, E.Orleans	1, 1	M.Lynch#,B.Nikula#
Great Blue Heron: 5	Westport	7	G.Gove
Snowy Egret: 22	Squantum, Yarmouth	1, 2	R.Abrams, J.Aylward
Little Blue Heron: 17-20	E.Orleans	1 ad.	R.Cook+ v.o.
Cattle Egret: c. 20-25,20	M.V., Nantucket	2, 2	fide V.Laux,R.Vermilye#
Black-crowned Night-Heron: 19-20	Nantucket	15	BBC(C.Jackson)
Glossy Ibis: 27	W.Bridgewater	4	D.Emerson
Tundra Swan: 4	M.V.	3	V.Laux
Mute Swan: 6	Westport	82	G.Gove#
Snow Goose: 13-20,26	P.I., Seekonk	2, 1	W.Petersen#+v.o.,D.Emerson
Brant: thr. thr. 12,26	Squantum-Quincy area Newburyport Harbor Plymouth, Barnstable Harbor	max. 1000 <sup>+</sup> 3/31 max. 400 <sup>+</sup> 3/27 400 <sup>+</sup> , 1000 <sup>+</sup>	v.o. v.o. SSBC, J. Aylward
Wood Duck: 11,13 20 27	SRV, Ipswich Topsfield, Easton GMNWR, SRV	2, 2 2, 4 7, 10	R.Walton,J.Berry I.Giriunas,K.Ryan G.Gove#,R.Walton
Green-winged Teal: 5,6 6,8 20,30	W.Bridgewater, Centerville Marshfield, SRV P.I., Wayland	2, 20 3, 2 15-20, 16	W.Petersen#,B.Nikula# D.Clapp#,R.Walton L.Jodrey#,R.Forster
American Black Duck: 12 17,20	Boston Harbor, Newburypt. Wayland, W.Bridgewater	694, 600 31, 150	TASL,BBC R.Forster,K.Ryan
Northern Pintail: 5,7 20	Westport, W.Bridgewater W.Bridgewater, P.I.	24, 30 20, 100	G.Gove,K.Ryan K.Ryan,W.Petersen
Blue-winged Teal: 20,27	P.I., Wayland	3-4, 5	L.Jodrey,R.Forster
Northern Shoveler: 21	P.I.	2 m.	C+N.Hubbard
Gadwall: 14,20,30	Penikese I.,P.I.,Wayland	6, 8, 3	B.Nikula#,W.Petersen#,R.Forster
Eurasian Wigeon: 1-5	E.Orleans	1	A.Williams+v.o.
American Wigeon: 19-20,25	Nantucket, W.Bridgewater	100, 4	BBC,K.Ryan
Canvasback: 4,5 26,29	Cambridge, Westport W.Newbury, Marshfield	1, 200 8, 2	F.Bouchard,G.Gove F.Bouchard#,D.Clapp
Redhead: 5,19-20 26	Westport, Nantucket M.V.	1, 125 5	G.Gove,BBC(Jackson) G.Gove#
Ring-necked Duck: 1,5 13,18 20,26,27 27	SRV, Lakeville Carver, SRV W. Newbury GMNWR, Concord	1, 4 90 <sup>+</sup> , 16 14, 7, 1 8, 23	R.Walton,SSBC D.Briggs#,R.Walton L.Jodrey+v.o. G.Gove#,E.Nielson#
Tufted Duck: 1-13,27-31	Westport, Chatham	1, 1	v.o.,A.Tait+v.o.

<u>SPECIES/DATE</u>	<u>LOCATION</u>	<u>NUMBER</u>	<u>OBSERVERS</u>
Greater Scaup:			
12	Boston Harbor	2474	TASL
20,26	Newburyport Harbor	80 <sup>+</sup> , 200 <sup>+</sup>	J. Berry
Lesser Scaup:			
5	Lakeville	1	SSBC
Common Eider:			
12	Boston Harbor	1200	TASL
Harlequin Duck:			
4,12,20	M.V., Rockport, Brant Rock	16, 5, 1	V. Laux, J. Berry, S. Higginbotham
Oldsquaw:			
27	Newburyport	150	SSBC
Black Scoter:			
19-20	Nantucket	150	BBC
Surf Scoter:			
19-20	Nantucket	300	BBC
White-winged Scoter:			
19-20	Nantucket	2000	BBC
Common Goldeneye:			
12	Newbypt, Boston Harbor	230, 304	BBC, TASL
19-20,31	Nantucket, SRV	200, 35	BBC, R. Walton
Barrow's Goldeneye:			
thr.	Newburyport	max. 7 (4m, 3f)	3/26 v.o.
28-31	GMNWR	1 m.	R. Walton+v.o.
Bufflehead:			
12	Boston Harbor	627	TASL
19-20,27	Nantucket, Newburyport	200, 50	BBC, SSBC
Hooded Merganser:			
1,2	Belmont, Cambridge	2, 2	L. Robinson, A. Foy
1-6,13	Lakeville, Falmouth	3, 4	D. Briggs+v.o., D. Davis#
Common Merganser:			
1	Belmont, SRV, Lakeville	35, 6, 10	L. Robinson, R. Walton, D. Briggs
5	Winchester, Dedham	25, 15	R. Clayton, E. Cutler
6,13	Marshfield, Norwood	16, 87	D. Clapp, E. Cutler
13,18	Falmouth, SRV	25, 61	D. Briggs#, R. Walton
Red-breasted Merganser:			
12	Boston Harbor	428	TASL
19-20	Nantucket	1000	BBC
Ruddy Duck:			
5	Lakeville	1	D. Briggs

#### HAWKS THROUGH WOODPECKERS

Turkey Vultures moved into and through the state this month being first reported on March 4. Up to five subadult Bald Eagles continued on the ponds in Lakeville where a subadult Golden Eagle was also seen for a week. Six Northern Goshawks from as many locations were reported, and Red-shouldered Hawks were migrating on schedule.

The first Piping Plover was noted on March 26; the earliest date for this species in the last ten years is March 16. The first migrant Killdeer were seen on the fifth. Their general arrival time is the third week of March, but it is difficult to deduce from the records migration dates for this species and others like Greater Yellowlegs as they are frequent winterers. Lesser Yellowlegs, on the other hand, are clearly migrants; there are no reports of this species in January or February in the BOEM records going back to 1973. The earliest date in the records is March 12 and this year's early date is the fourteenth. Bailey notes in Birds of Massachusetts, an early date a month later than this. Dunlin were migrating as were Common Snipe and American Woodcock.

The Lesser Black-backed Gull continued to frequent the Cambridge Reservoir in Lincoln-Waltham, and a first winter Glaucous Gull was also seen there. A Thick-billed Murre was noted in Provincetown where seventy Black Guillemots were counted on March 20. This may be an unprecedented high number; Bailey gives a high count of forty-two seen at sea off Rockport.

A red-phase Eastern Screech-Owl spent the daylight hours roosting in a Wood Duck box in Westport where he was very visible. Another red-phase bird was noted in Ipswich. Seven Great Horned Owls were counted on an owl-prowl in the Bridgewater-Middleboro area on the fifth and the Barred Owl continued in Cambridge as did a Yellow-bellied Sapsucker at Mt. Auburn. G.W.G.

<u>SPECIES/DATE</u>	<u>LOCATION</u>	<u>NUMBER</u>	<u>OBSERVERS</u>
<b>Turkey Vulture:</b>			
4,6	Westport, Hopkinton	2, 1	G.Bertrand#, M.Lynch#
14,20	Milton, Princeton	3, 4	D.Brown, T.Lipsky
23-27	3 locations	4 individuals	v.o.
<b>Bald Eagle:</b>			
thr.	Lakeville	4-5 imm.	K.Holmes+v.o.
6	Plymouth	1	T.Lloyd-Evans
20	P.I., Marshfield	1 imm., 1 imm.	L.Jodrey#, J.Flaherty
<b>Northern Harrier:</b>			
5-6, 12-26	Marshfield, Newburyport	3, max.2 (3/20)	SSBC, v.o.
19-20	Nantucket	10	BBC
<b>Sharp-shinned Hawk:</b>			
5	Acoaxet, Westport	1, 2	SSBC, G.Gove
20, 23	W.Newbury, Sudbury	1, 1	G.Gove#, K.Ryan
<b>Northern Goshawk:</b>			
7, 8	MBO, Lincoln	1, 1	M.Payne, F.Richardson
13, 20	Boxford, Milton (FM)	1, 1	W.Drummond#, R.Abrams
27, 29	E.Middleboro, Scituate	1, 1	K.Anderson, T.Reilly
<b>Red-shouldered Hawk:</b>			
1, 10	Easton, Norwell	1, 1	K.Ryan
14, 15	Orleans, Norwell	1, 4	G.Manach, D.Clapp
20	Princeton, Newburyport	8, 2	T.Lipsky, P.Roberts#
20-27, 22	Boxford, Milton	pair, 1	v.o., G.Wilson
<b>Red-tailed Hawk:</b>			
5, 6	Weston, Lexington	2, 4	L.Robinson, L.Taylor#
19-20	Nantucket	5	BBC
20	Newburyport, Milton (FM)	8, 4	P.Roberts#, R.Abrams
23-25	Sudbury	4	K.Ryan
<b>Rough-legged Hawk:</b>			
5, 12	Bridgewater, Newburyport	1, 2	SSBC, BBC
13, 20	E.Orleans, Marshfield	1 (dark), 1	B.Nikula#, D.Clapp
27	P.I., Salisbury	1, 1	SSBC
<b>Golden Eagle:</b>			
5-13	Lakeville	1 subadult	W.Petersen#+v.o.
<b>American Kestrel:</b>			
13, 20	Squantum, Newburyport area	2, 4	BBC, P.Roberts#
20, 24	W.Newbury, Medford	2, pair courting	L.Jodrey#, G.Gove
<b>Peregrine Falcon:</b>			
20	Mt.Wachusett	1	T.Lipsky
<b>Ruffed Grouse:</b>			
12, 14	Newburyport, Milton	2, 2	BBC, D.Brown
3-31	E.Middleboro	1-2	K.Anderson
<b>Virginia Rail:</b>			
18, 26	Gloucester, Ipswich	1, 1	C.Leahy, J.Berry
<b>American Coot:</b>			
3, 12	Cambridge, Plymouth	1, 3	F.Bouchard, SSBC
19, 20	Nantucket	10	BBC
<b>Piping Plover:</b>			
26	Nantucket	1	BBC
<b>Killdeer:</b>			
5	Dedham, Westport	1, 1	E.Cutler, H.Wiggin
14, 20	Bridgewater, Newburyport	10, 10	K.Ryan, W.Petersen#
18, 27	SRV, W.Newbury	6, 4	R.Walton, J.Berry
6-31	10 locations	22	v.o.
<b>Greater Yellowlegs:</b>			
6, 30	Centerville, Eastham	4, 4	B.Nikula#
18-31	Yarmouth	1	J.Aylward
<b>Lesser Yellowlegs:</b>			
14, 19-21	W.Newbury, Nantucket	1, 1	BBC
30	Eastham	1	B.Nikula#
<b>Sanderling:</b>			
19, 20	Nantucket	7	BBC
<b>Purple Sandpiper:</b>			
4, 5	Acoaxet, Scituate	100, 50	D.Briggs#
12	Winthrop, Nahant	90, 20	TASL
19, 20	Nantucket	10	BBC
<b>Dunlin:</b>			
5.6	Scituate, Westport	60, 370	SSBC, G.Gove

<u>SPECIES/DATE</u>	<u>LOCATION</u>	<u>NUMBER</u>	<u>OBSERVERS</u>
Common Snipe:			
13;17,20	Squantum;Marshfield	1; 4, 2	BBC;D.Clapp
20;23,24	W.Newbury; Woburn	7; 1	W.Petersen;G.Gove
27	Concord	4	G.Gove
American Woodcock:			
5,7	Bridgewater, Marshfield	2, 1	W.Petersen,D.Clapp
13,14	Concord, Canton	2, 2	BBC, G.d'Entremont
20	Weston, Ipswich	2, 1 displaying	L.Robinson,J.Berry
7-31	9 locations	9	v.o.
Little Gull:			
19,20	Newburyport	4 ad.	BBC
20	P'town	1 imm.	B.Nikula#
Bonaparte's Gull:			
19,20;26	Nantucket; Newburyport	48; 10	BBC
Ring-billed Gull:			
12	Bridgewater	400	K.Anderson#
20,26	Salisbury-Newburyport	50, 100	J.Berry
19-27	Newburyport	200	BBC,SSBC
Iceland Gull:			
7;19,20	P.I.;Nantucket	20; 10	F.Bouchard;BBC
thr.	Newburyport area	max. 30	v.o.
Lesser Black-backed Gull:			
16,27	Waltham-Cambridge Res.	1	R.Stymeist#,G.Gove#
Glaucous Gull:			
12,20	Winthrop,P'town	1, 1	TASL,B.Nikula#
19,20;27	Nantucket;Waltham	1; 1(1W)	BBC,E.Nielsen#
thr.	Newburyport area	max. 2	v.o.
Black-legged Kittiwake:			
19,20	Nantucket	10	BBC
Thick-billed Murre:			
6	P'town	1	M.Lynch+S.Carroll
Razorbill:			
19,20;20	Nantucket; P'town	17; 3	BBC;B.Nikula#
Black Guillemot:			
5,12	Cape Ann, Rockport	3, 1	BBC,J.Berry
20,27	P'town	70, 6	B.Nikula,D.Arvidson
Mourning Dove:			
29	S.Sudbury	1 on nest	K.Ryan
Eastern Screech-Owl:			
5,5-31	Bridgewater, Westport	2, 1	SSBC, R.Stymeist#
6,13	Shrewsbury, Cambridge	1, 1	M.Lynch#,BBC
12,14-15	Rockport, Ipswich	1 1 red	J.Berry
14,15	E.Middleboro, Belmont	1, 2	P.Donahue,S.Sanders
Great Horned Owl:			
1-3,5	Wollaston,Bridgewater-Middleboro	1, 7	D.Savich,W.Petersen#
14,21.	Milton,Hamilton	1, 1	D.Brown,J.Berry
25	E.Middleboro	2	K.Anderson
13,18	Cambridge, Canton (FM)	1, 1	BBC,L.Chelkauskas
Snowy Owl:			
thr.	Newburyport area	1-2	v.o.
3,5	Quincy, Westport	1, 1	J.Young,G.Gove#
1-6(from Dec.)	Worcester	1	v.o.
22	Saugus	1	J.Berry
Barred Owl:			
thr.	Cambridge-Harvard Yard	1	v.o.
5,15,25	Middleboro area	1, 1, 1	SSBC(W.Petersen),D.Elkin,K.Anderson
1,14	Townsend, Milton	1, 1	D.Brailey,D.Brown
Short-eared Owl:			
20	Salisbury, P.I., Truro	1, 1, 1	v.o.,P.Roberts#,G.Adami
27	P.I.	1	SSBC
Northern Saw-whet Owl:			
15,16	E.Middleboro, Plymouth	1, 1	P.Donahue,L.Briggs
Belted Kingfisher:			
thr.,1	Lakeville,SRV	1, 2	D.Briggs,R.Walton
5,21	Westport, Nantucket	2, 1	G.Gove,E.Andrews
Red-headed Woodpecker:			
26	M.V.	3	G.Gove#
Yellow-bellied Sapsucker:			
thr.	Mt.Auburn	1	v.o.

<u>SPECIES/DATE</u>	<u>LOCATION</u>	<u>NUMBER</u>	<u>OBSERVERS</u>
Northern Flicker:			
13,17	Squantum, Belmont	1, 1	BBC,L.Robinson
19-20,21	Nantucket,Salisbury	23, 1	BBC,C+N.Hubbard
Pileated Woodpecker:			
2,14	Beverly, Milton	1, 1	R.Thissell,D.Brown

FLYCATCHERS THROUGH EVENING GROSBEAKS

All March reports in the rarity and early migrant categories came from Cape Cod and the Islands. A single Purple Martin at Chatham in the second week was notably early. The Jackdaw on Nantucket since November last year lived up to that species' reputation for being sedentary by remaining another month. The third week of March saw a remarkable two reports of Prothonotary Warbler, from Chatham and Martha's Vineyard. Either the turn to cold weather on March 23 or its encounter with a cat left the Vineyard individual a permanent resident of the island.

Both Fox and Song sparrows were reported migrating in good numbers during the last week of the month. Purple Finches, which had been notably abundant since December, remained in numbers through the middle of March. L.E.T.

Eastern Phoebe:			
12,21	Lexington, P.I.	1, 1	A.Williams,J.Kellogg
24-31	4 locations	8	v.o.
Horned Lark:			
6,20-26	Marshfield,P.I./Salisbury	9, 15 max.	D.Clapp,v.o.
Purple Martin:			
11,22	Chatham, M.V.	1, 1m	P.Bailey,V.Laux
Tree Swallow:			
20,21	Truro, SRV	1, 1	G.Adami,R.Walton
24,27	Wareham, GMNWR	1, 5	R.Turner,G.Gove#
Barn Swallow:			
22	M.V.	1	V.Laux
Fish Crow:			
13,20	Mt.A.,E.Middleboro	1, 4	BBC,K.Anderson
27	GMNWR	1	E.Nielsen#
Jackdaw:			
from Nov.1982-3/20	Nantucket	1	BBC(C.Jackson)
Red-breasted Nuthatch:			
.3	Cambridge(FP)	1	F.Bouchard
Brown Creeper:			
12-15	3 locations	4	v.o.
Carolina Wren:			
6,12-31	Lakeville, Middleboro	2, 2	W.Petersen,D.Elkin
Golden-crowned Kinglet:			
6-26	6 locations	14	v.o.
Ruby-crowned Kinglet:			
24	Woburn	1	G.Gove
Eastern Bluebird:			
16,20	Duxbury,Hopkinton	1, 1	C.Fowler,H.Russell
21,30	Tyngsboro,E.Middleboro	pr., 1	F.Bouchard,K.Anderson
Hermit Thrush:			
6	Andover	1	E.Strawn#
American Robin:			
9,15-19	Wellesley, 7 locations	200 <sup>+</sup> , 1-50	L.Robinson,v.o.
30	Lincoln (2 fields)	185	R.Forster
Gray Catbird:			
5	Lakeville	1	W.Petersen#
Brown Thrasher:			
5	Acoaxet	1 (dead)	H.Wiggin#
Cedar Waxwing:			
1,3-22	Middleboro, 10 locations	31, 40 max.	D.Briggs,v.o.
11,27	Bedford, Wayland	100+, 40	F.Friend,R.Forster
Northern Shrike:			
2	Wayland	1 m. singing	R.Walton
Shrike species:			
28	Milton(FM)	1	M.Murphy#
Yellow-rumped Warbler:			
19	Wayland, Nantucket	4, 10	E.Morrier,BBC
Prothonotary Warbler:			
22,22-23	Chatham, M.V.	1, 1	W.Bailey, fide V.Laux

<u>SPECIES/DATE</u>	<u>LOCATION</u>	<u>NUMBER</u>	<u>OBSERVERS</u>
American Tree Sparrow:			
1,5-28	Belmont, 4 locations	6, 8 max.	L.Robinson,v.o.
Fox Sparrow:			
21-26	4 locations	5 total	v.o.
27	Boxford, SRV	3, 7	J.Berry#,R.Walton
Song Sparrow:			
28,31	Belmont,SRV	20, 24	L.Robinson,R.Walton
Snow Bunting:			
4,20-21	Acoaxet, Salisbury	7, 12 max.	K.Holmes,v.o.
Red-winged Blackbird:			
5,6	Westport,Pembroke	150, 3000	v.o.,H.Harrington
7,12	W.Bridgewater,Newburyport	300, 60	K.Ryan,BBC
Eastern Meadowlark:			
19-20,21	Nantucket,Newburyport	4, 1	BBC,C.Hubbard#
Yellow-headed Blackbird:			
6	Eastham	1 f. (excellent description)	C.+ K.Barton
Rusty Blackbird:			
15,20	Lincoln, Newburyport	3, 30	R.Forster,P.Roberts#
26,27	M.V.,W.Roxbury	6, 6	G.Gove#,J.Paputseanos
Common Crackle:			
4	Middleboro, Acoaxet	3, 3	D.Briggs#
6,28	Pembroke,Middleboro	3000, 5000	W.Harrington,D.Briggs
Brown-headed Cowbird:			
13,16	Lexington, Belmont	2, 1	BBC,L.Robinson
Purple Finch:			
5,5-12	Wayland,SRV	125, 65	L.Robinson,R.Walton#
25,27	Lexington,Boxford	7, 6	A.Williams#,J.Berry#
Evening Grosbeak:			
thr.	Middleboro, Lakeville	60-130, 60-70	D.Briggs#,K.Holmes
19,23	W.Newbury,Sudbury	8, 10	BBC,K.Ryan

#### LIST OF ABBREVIATIONS

ad.	adult	F.M.	Fowl Meadow, Milton
alt.	alternate (plumage)	gr.	greater as in Gr.Boston area
b.	banded	I.	Island
br.	breeding	M.V.	Martha's Vineyard
dk.	dark (phase)	Mt.A.	Mt. Auburn Cemetery, Cambridge
f.	female	Nant.	Nantucket
fl.	fledge	Newbypt	Newburyport
imm.	immature	ONWR	Oxbow National Wildlife Refuge
ind.	individuals	P.I.	Plum Island
loc.	locations	P'town	Provincetown
lt.	light (phase)	R.P.	Race Point, Provincetown
m.	male	S.N.	Sandy Neck, Barnstable
max.	maximum	Stellw.	Stellwagen (Bank)
migr.	migrating	ABC	Allen Bird Club
ph.	photographed	BBC	Brookline Bird Club
pl.	plumage	BOEM	Bird Observer of Eastern Massachusetts
pr.	pair	CBC	Christmas Bird Count
thr.	throughout	DFWS	Drumlin Farm Wildlife Sanctuary
v.o.	various observers	FBC	Forbush Bird Club
W	winter (2W = second winter)	GBBBC	Greater Boston Breeding Bird Census
w/	with	GMNWR	Great Meadows National Wildlife Refuge
yg.	young	IRWS	Ipswich River Wildlife Sanctuary
#	additional observers	MAS	Massachusetts Audubon Society
A.A.	Arnold Arboretum	MBO	Manomet Bird Observatory
A.P.	Andrews Point, Rockport	MNWS	Marblehead Neck Wildlife Sanctuary
Buzz.	Buzzards (Bay)	NBBC	Newburyport Breeding Bird Census
C.Cod	Cape Cod	SSBC	South Shore Bird Club
E.P.	Eastern Point, Gloucester	TASL	Take a Second Look (BOEM project)
F.E.	First Encounter Beach, Eastham	WBWS	Wellfleet Bay Wildlife Sanctuary
F.H.	Fort Hill, Eastham	WMWS	Wachusett Meadows Wildlife Sanctuary

**This is the place.**

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