

FIELD RECORDS

OCTOBER 1989



by Richard A. Forster, George W. Gove, and Robert H. Stymeist

October 1989 was filled with many dry sunny days with temperatures averaging on the mild side. The high mark was 76 degrees on October 27 and 30. The lowest temperature was 38 degrees on October 10 and 18. Rainfall totaled 5.61 inches, 2.25 inches above normal and the most in October since 1962. October 1989 ranked as the fourteenth wettest in 119 years. Rain fell on eight days in a row from October 14 to 21; the most in any twenty-four hours was 1.21 inches on October 17-18. It was a rather sunny month in spite of this gloomy interlude. At the Blue Hill Observatory in Milton, sunshine was well in excess of normal at 66 percent or six points more than normal. Fog was a frequent visitor occurring on as many as ten days in row, October 11-20. Thunder was heard on two days. The fastest wind came on October 19 at 40 mph northeasterly.

R.H.S.

LOONS THROUGH HERONS

A three-day spell of north and northeasterly winds coupled with abnormally high tides at midmonth resulted in some excellent counts in this group. Red-throated Loons and especially Common Loons were well represented. Only a single Northern Fulmar was seen at Stellwagen Bank, and notable among the few shearwater reports were a Greater and a Sooty seen from land at Plum Island. Typically the storm produced the expected Leach's Storm-Petrels, although in better than usual numbers. At coastal vantages the storm produced good numbers of Northern Gannets that persisted to the end of the month. Double-crested Cormorants staged a migratory movement on October 13. The high tide on October 15 forced better than average numbers of American Bitterns to the edges of flooded coastal marshes. As usual most heron species lingered into October in diminishing numbers. Most noteworthy were two Little Blue Herons, a Tricolored Heron at West Falmouth, and a scattering of Green-backed Herons. The Cattle Egret at South Monomoy provides one of the few records for that location.

R.A.F.

DATE	LOCATION	NUMBER	OBSERVERS	OCTOBER 1989
Red-throated Loon				
10, 27; 22	P.I.	4, 6; 15	W. Drew#; G. d'Entremont	
14, 17	Marshfield, P.I.-Newbypt	7, 22	D. Clapp, M. Lynch#	
19	Dennis, Barnstable (S.N.)	37 in a hour, 12	B. Nikula, R. Abrams	
18, 21	Rockport, W. Newbury (Cherry Hill Res.)	2, 1	T. Aversa, R. Heil	
29	Plymouth-Stellwagen Bank	22	BBC (G. d'Entremont)	
Common Loon				
1; 10, 27	Wachusett Res.; P.I.	3; 8, 5	D. Donovan; W. Drew#	
16, 17	Stellwagen Bank, Newbypt-P.I.	20, 160 migr	P. Trimble, S. Perkins#	
18, 19	Rockport, Barnstable (S.N.)	225 in 3.5 hours,	72 T. Aversa, R. Abrams	
20; 22, 29	Braintree; Lakeville	6; 4, 6	K. Ryan; W. Petersen	
29	Plymouth-Stellwagen Bank	23	BBC (G. d'Entremont)	
Pied-billed Grebe				
8, 21, 22	Lakeville	5, 6, 8	K. Ryan, D. Davis, W. Petersen	
15, 22, 29	Arlington	4, 2, 5	L. Taylor#	
13, 22	Braintree, Randolph	4, 3	K. Ryan, R. Titus	
1-24	Reports of 1 or 2 (total 17) from 10 locations.			
Horned Grebe				
7, 27	P.I.	1, 3	R. Forster, W. Drew#	
14, 15	Braintree, Waltham (Cambr. Res.)	1, 2	D. Brown#, S. Perkins	
16, 24	Hull	5, 20	P. Thayer	
22, 24	Randolph, Wachusett Res.	1, 1	R. Titus, D. Donovan	
22, 29	Lakeville	5, 10	SSBC (W. Petersen), W. Petersen	

DATE	LOCATION	NUMBER	OBSERVERS	OCTOBER 1989
Northern Fulmar 29	Stellwagen Bank	1	BBC (D. Small)	
Greater Shearwater 17, 29	P.I., Stellwagen Bank	1, 1	M. Lynch#, BBC (S. Perkins)	
Sooty Shearwater 17, 21	P.I., Rockport	1, 1	S. Perkins, H. Wiggin#	
Manx Shearwater 19, 29	Dennis (Corp. B.), Stellwagen	2, 1	B. Nikula, BBC (S. Perkins)	
Leach's Storm-Petrel 19	Barnstable (S.N.)	17	R. Abrams	
storm-petrel species 19	Barnstable (S.N.), Dennis (Corp. B.)	6, 1	R. Abrams, B. Nikula	
Northern Gannet 3, 24	Brant Rock, Salisbury	7, 6	R. Abrams, M. Lynch#	
16, 29	Stellwagen Bank	120, 2500	P. Trimble, BBC (G. d'Entremont)	
17, 18	P.I., Rockport	500, 575 in 2 hours	S. Perkins, T. Aversa	
18, 19	Barnstable (S.N.)	3500+, 1040	R. Abrams	
Great Cormorant 14, 15	Gloucester, Wachusett Res.	25+, 1	W. Petersen, D. Donovan	
22, 29	Lakeville, Plymouth	2, 11	W. Petersen, BBC (G. d'Entremont)	
Double-crested Cormorant 1, 5	Newbypt area, Boston Harbor	2000+, 2000	BBC (R. McHale), P. Thayer	
13	Squantum, Canton	5800, 1000 (7 flocks)	D. Brown, K. Ryan	
13	Boston to Merrimack R. by boat	6000+	S. Perkins	
13	Peabody	1550+ in 3 hours	R. Heil	
15, 21	Ipswich, Sharon	1600+, 150	J. Berry, R. Titus	
American Bittern 1-23, 24, 28	P.I.	1, 2, 3	v. o., R. Heil, E. Taylor	
15	Newbypt-P.I., Ipswich	7, 5 or 6	R. Forster, J. Berry	
17, 28	Newbypt, S. Monomoy	2, 1	M. Lynch#, B. Nikula	
Reports of individual birds from 7 locations.				
Great Blue Heron 1	Newbypt area, Rowley	44, 15+	BBC (R. McHale), J. Berry	
1	Eastham, Wellfleet	105, 11	G. d'Entremont#	
7, 14	P.I., Westport-S. Dart.	15, 83	BBC (J. Center), R. Stymeist	
15, 28	Ipswich, S. Monomoy	15+, 40	J. Berry, B. Nikula	
Reports of 32 birds from 10 locations.				
Great Egret thr	Arlington Reservoir	1	L. Taylor#	
1	Newbypt, Rowley	22, 6-8	BBC (R. McHale), J. Berry	
1, 4	W. Falmouth, Norfolk	2, 2	P. Trimble, B. Cassie	
9, 14	Ipswich, Westport	15+, 27	G. d'Entremont#, R. Stymeist	
22-28	P.I.	2	v. o.	
Snowy Egret 1-24	S. Dart. (Allens Pd)	14 max 10/5	LCES (J. Hill)	
1, 10	P.I.	56, 37	BBC (R. McHale), W. Drew#	
1	Rowley, Ipswich	15+, 4	J. Berry	
1	W. Falmouth, Eastham	5, 15	P. Trimble, G. d'Entremont	
11, 16	Nantucket, Hull	2, 5	L. Taylor, P. Thayer	
21, 22	Plymouth, P.I.	1, 15	D. Davis, BBC (J. Nove)	
Little Blue Heron 1; 1, 3	Nantucket; Ipswich	1; 1 imm	BBC (D. Davis); J. Berry, R. Forster	
Tricolored Heron 1	W. Falmouth	1	P. Trimble	
Cattle Egret 1	Ipswich	1 imm	J. Berry	
28	Barnstable, S. Monomoy	1, 1	P. Trimble, B. Nikula	
Green-backed Heron 1, 3	P.I., MNWS	2, 1	D. Chickering, I. Lynch	
6-28	Arlington Reservoir	1 or 2	J. Heywood + v. o.	
10, 14	Newton, Braintree	1, 1	R. Forster, D. Brown#	
21-30	W. Newton	1	T. Kuklinski	
Black-crowned Night-Heron 1, 3	Nantucket, Newbury	12, 7	BBC (D. Davis), R. Forster	
9, 22	Cambridge (F.P.), E. Boston	2, 8	R. Stymeist, T. Aversa	
10-15	Squantum	42 max 10/10	R. Abrams + v. o.	
15, 22; 25	Ipswich; P.I.	3 or 4, 1; 4	J. Berry; T. Aversa	

WATERFOWL

A modest flight of Snow Geese occurred during light rain and fog on October 14 and 15. Three blue phase Snow Geese were present at South Monomoy, and a "Richardson's" Canada Goose was present in Concord. An impressive count of Wood Ducks was made in Norfolk at an evening roost. Otherwise dabbling ducks presented no surprises with the possible exception of a Eurasian Wigeon in Braintree. The storm saw hordes of scoters pass coastal vantages, and later in the month good numbers of scoters, Red-breasted Mergansers, and an early and out-of-place Harlequin Duck were at S. Monomoy. Cherry Hill Reservoir in West Newbury is now vying with Lakeville as the Ring-necked Duck stronghold. Ruddy Ducks were very widely reported in good numbers. R.A.F.

DATE	LOCATION	NUMBER	OBSERVERS	OCTOBER 1989
Mute Swan				
7, 9, 27	P.I.	5, 2, 4	I. Lynch, J. Berry, W. Drew#	
21	Plymouth	43	BBC (D. Davis)	
22	Ipswich, Arlington (Spy Pd)	6 ad, 1	J. Berry, L. Taylor	
Snow Goose				
1, 7	P.I.	1, 6	BBC (R. McHale), BBC (J. Center)	
5, 12	S. Dart. (Allens Pd)	1, 6	LCES (J. Hill)	
8, 10	S. Monomoy, P.I.	43, 195 in 2 flocks	P. Trull#, W. Drew#	
14	Manchester, Marshfield	200+, 500	D. Rimmer, S. Yurgulan	
15	Acton, Cambr., Belmont	2, 18, 21	R. Forster, D. Arvidson#, S. Perkins#	
15	P.I.; Gloucester, Ipswich	150; 25, 75	R. Forster#; J. Nove#	
19	Brookline, P.I.	40, 300+	H. Wiggin, D. Rimmer	
21	Wachusett Res.	9	D. Donovan	
22-24, 27-29	P.I.	165, 46-12	v. o.	
Snow Goose (blue phase)				
8-28	S. Monomoy	3 imm	B. Nikula	
Brant				
1	P.I., Eastham	1, 3	BBC (R. McHale), G. d'Entremont#	
13, 20	Quincy	4, 120	K. Ryan	
15, 19	Gloucester, Barnstable	10, 17	BBC (J. Nove), R. Abrams	
29	Plymouth	200	BBC (G. d'Entremont)	
Canada Goose				
1	Newbypt area	500+	BBC (R. McHale)	
10, 19, 27	P.I.	460, 500+, 375	W. Drew#, D. Rimmer, W. Drew#	
14, 15	Hamilton, Middleboro	110, 70	J. Berry, I. Giriunas	
15, 22	Ipswich	200+, 300+	J. Berry	
21	Sharon	350	R. Titus	
Canada Goose ("Richardson's Goose")				
22	Concord (Nine Acre Corner)	1	S. Perkins#	
Wood Duck				
1, 4	Bolton, Norfolk	3, 807	M. Lynch#, B. Cassie#	
9, 14	Wellfleet, P.I.	14+, 5	B. Nikula, M. Lynch#	
8, 21	Quabbin (G40), (G41)	2, 1	M. Lynch#	
22	GMNWR	4	R. Titus	
Green-winged Teal				
thr	P.I.	600+ max 10/28	M. Lynch# + v. o.	
7, 22	Ipswich (Clark's Pd)	13, 12	I. Giriunas, J. Berry	
8	S. Monomoy, Wachusett Res.	250, 2	B. Nikula, D. Donovan	
22, 28	Arlington Res.	83, 42	L. Taylor#	
American Black Duck				
thr	S. Dart. (Allens Pd)	379 max 10/24	LCES (J. Hill)	
thr	Newbypt-P.I.	1230 max 10/24	R. Heil + v. o.	
7, 22	Ipswich	23, 130	I. Giriunas, J. Berry	
14, 15	Westport area, Nashawena	320+, 450	R. Stymeist#, P. Trimble	
21, 28	Plymouth, S. Monomoy	220, 120	BBC (D. Davis), B. Nikula	
Northern Pintail				
thr	P.I.	29 max 10/27	W. Drew#	
3, 7, 9	Ipswich (Clark's Pd)	75, 37, 25	R. Forster, I. Giriunas, G. d'Entremont	
22, 28; 28	Arlington Res.; S. Monomoy	3, 5; 60	L. Taylor; B. Nikula	
Blue-winged Teal				
1, 3	Nantucket, Ipswich (Clark's Pd)	19, 3	BBC (D. Davis), R. Forster	
6, 22	Easton, P.I.	7, 1	K. Ryan, BBC (J. Nove)	
Northern Shoveler				
thr, 7	P.I., Ipswich (Clark's Pd)	12 max 10/27, 17	W. Drew#, I. Giriunas	
11; 8, 22, 29	Quincy; S. Monomoy	1; 25, 50, 70	K. Ryan; B. Nikula	
Gadwall				
1	P.I.	45	BBC (R. McHale)	
3, 22; 28	Ipswich (Clark's Pd); S. Monomoy	60, 83; 30	R. Forster, J. Berry; B. Nikula	

DATE	LOCATION	NUMBER	OBSERVERS	OCTOBER 1989
Eurasian Wigeon 13, 14-31	Braintree (2 locations)	1 m	K. Ryan, G. d'Entremont#	
American Wigeon				
thr	Ipswich	330 max 10/22	J. Berry#	
thr	Cambridge (F.P.)	13 max 10/22	D. Flood	
1	P.I., Nahant	36, 3	BBC (R. McHale), R. Forster	
8, 28	S. Monomoy	50, 30	B. Nikula	
10	Waltham (Cambridge Res.)	26	R. Forster	
13, 14	Braintree (Great Pd)	19, 30	K. Ryan, D. Brown#	
15, 22, 28; 23	Arlington Res.; Easton	26, 68, 5; 3	L. Taylor#; K. Ryan	
Canvasback				
14	Braintree (Great Pd)	4	G. d'Entremont	
15, 18, 22	Cambridge (F.P.)	16, 25, 27	D. Flood	
28, 29	S. Monomoy, Lakeville	8, 22	B. Nikula, W. Petersen	
Ring-necked Duck				
thr	W. Newbury (Cherry Hill Res.)	1250+ max 10/28	BBC (S. Bolton)	
thr	Cambridge (F.P.)	110 max 10/15	D. Flood	
8, 14	S. Monomoy	25, 100	B. Nikula	
14, 15	Braintree (Great Pd), Arlington Res.	75, 15	G. d'Entremont#, L. Taylor	
22; 22, 29	Ipswich; Lakeville	35; 100, 600	J. Berry; W. Petersen	
Greater Scaup				
9, 15, 29	W. Newbury	35, 50, 100	D. Chickering	
9, 21	P.I., W. Newbury	1, 30+	J. Berry	
20	Barnstable (S.N.), Manomet	22, 40	R. Abrams	
Lesser Scaup				
1, 7	Ipswich (Clark's Pd)	5, 2	BBC (R. McHale), I. Giriunas	
8, 20	Cambridge (F.P.), Manomet	2, 1	R. Stymeist, R. Abrams	
21-24, 22	W. Newbury, Braintree	12+, 20	R. Heil, R. Titus	
22, 29	Lakeville	25, 200+	W. Petersen	
scaup species				
28	S. Monomoy	100	B. Nikula	
Common Eider				
1, 13	P.I., Rockport	100+, 300	BBC (R. McHale), S. Perkins	
18, 19	Rockport, Barnstable (S.N.)	92, 446 in 3 hours	T. Aversa, R. Abrams	
Harlequin Duck				
29	S. Monomoy	1	D. Houghton	
Oldsquaw				
17, 19	P.I., Barnstable (S.N.)	11, 270 in 3 hours	S. Perkins, R. Abrams	
18	Rockport, Barnstable	53, 15	T. Aversa, K. Ryan	
Black Scoter				
10	P.I.	70	W. Drew#	
16, 19	Stellwagen, Barnstable (S.N.)	60, 560 in 3 hours	P. Trimble, R. Abrams	
Surf Scoter				
1, 4	Nahant, P.I.	50, 40	R. Forster, W. Drew#	
17, 28	P.I.	120+, 200	M. Lynch#, BBC (S. Bolton)	
19	Barnstable (S.N.)	1265 in 3 hours	R. Abrams	
22, 29	Lakeville	4, 3	W. Petersen	
White-winged Scoter				
1	Nahant, P.I.	1500+, 300+	R. Forster, BBC (R. McHale)	
13, 17, 24	P.I.	1000+, 1700+, 1300+	S. Perkins, M. Lynch#, R. Heil	
16	Stellwagen Bank, Marlboro	250, 1	P. Trimble, R. Graefe	
19	Barnstable (S.N.)	1695 in 3 hours	R. Abrams	
22, 24	Lakeville, Wachusett Res.	1, 2	W. Petersen, D. Donovan	
23-29	S. Monomoy	15,000+	D. Houghton	
scoter species				
16, 21	Hull	2000, 4000	P. Thayer	
19, 24	Barnstable, P.I.	10920, 3500+	R. Abrams, R. Heil	
Common Goldeneye				
17, 22	P.I., Stoneham	1, 1	M. Lynch#, T. Aversa	
Bufflehead				
8; 14, 28	Lynn; Salisbury, P.I.	2; 3, 4	R. Stymeist; M. Lynch#	
16, 24	Hull	22, 40	P. Thayer	
15-29; 22, 29	W. Newbury; Lakeville	1-4; 2, 60	D. Chickering; W. Petersen	
Hooded Merganser				
1; 3, 7	Ipswich; P.I.	1; 3	BBC (R. McHale); R. Forster, BBC (J. Center)	
8-31	Stoneham	30 max 10/22	T. Aversa	
13, 22	Barnstable, Arlington Res.	4, 3	K. Ryan, L. Taylor#	
Common Merganser				
22	Lakeville	3	SSBC (W. Petersen)	
24, 28	Wachusett Reservoir	16, 4	D. Donovan	

Red-breasted Merganser

8-31	P.I.	97 max 10/27	M. Lynch#
12-31	S. Dart. (Allens Pd)	23 max 10/31	LCEŠ (J. Hill)
14, 19	Hull	150, 300	P. Thayer
18, 19	Rockport, Barnstable (S.N.)	175, 994	T. Aversa, R. Abrams
23	S. Monomoy	8000+	D. Houghton

Ruddy Duck

4-31	W. Newbury (Cherry Hill Res.)	70+ max 10/21	J. Berry + v. o.
6-31	Arlington Reservoir	52 max 10/28	L. Taylor# + v. o.
8-31	Cambridge (F.P.)	41 max 10/15	D. Flood
11; 22, 27	Randolph; Braintree, Canton	82; 110, 20	K. Ryan; R. Titus
8, 14, 28	S. Monomoy	80, 135, 210	B. Nikula
9, 10	Lincoln (Sandy Pd), Cambr. Res.	31, 29	S. Perkins, R. Forster
14	Framingham, Southboro	100, 40	E. Taylor
25, 29	Lakeville	35, 2	BBC (D. Davis), W. Petersen
26, 27, 30	Marlboro	4, 4, 1	R. Graefe

DIURNAL RAPTORS

Turkey Vulture is now an expected sight in the October sky. This year there was a strong pattern of movement late in the month. Northern Harriers were most prevalent in the Newburyport-Plum Island area. The only apparent movement of Sharp-shinned Hawks was in Ashburnham, but Cooper's Hawks were widely reported and in numbers almost triple those of October 1988. There was a scattering of Rough-legged Hawks with one in Marshfield being a bit on the early side. Merlins were prevalent and reported in slightly better than average numbers. On the other hand, Peregrine Falcon staged perhaps the most impressive flight in recent memory. The top count was 10+ with 6 in sight at one time. The total number of Peregrines is impossible to ascertain. Reports from Nantucket or Martha's Vineyard where Peregrines are routinely recorded are missing.

R.A.F.

Turkey Vulture

9, 14	Norfolk, Blue Hills	3, 8	K. Ryan, G. d'Entremont
21	Barre, Hardwick	28, 6	M. Lynch#
21	Newbury, Bridgewater-Halifax	3, 5	R. Heil, BBC (D. Davis)
22, 23	Boxford-W. Newbury, Stoneham	4, 4	I. Giriunas, T. Aversa
24	P.I.	2	R. Heil

Reports of 1 or 2 individuals (total 17) from 14 locations.

Osprey

1, 3	Ashburnham, Wachusett Mt.	21, 7	EMHW
14	Salisbury, S. Dartmouth	5, 3	M. Lynch#, R. Stymeist
15	Dorchester (Neponset R.)	7	S. + R. Donovan
21, 22	GMNWR	4, 4	R. Stymeist, R. Titus

Reports of 1 or 2 individuals (total 28) from 23 locations.

Bald Eagle

8, 9	Quabbin (G40), Yarmouthport	1, 1	M. Lynch#, R. Scott
11	Ashburnham	1	EMHW
14, 22	Quabbin, P.I.	2, 1 imm	E. Taylor, v. o.
24	Lynn, DWWS	1, 1	J. Quigley, D. Ludlow

Northern Harrier

thr	S. Dart. (Allens Pd)	1 or 2	LCEŠ (J. Hill)
1	Rowley	2 or 3	J. Berry
1, 14, 22	P.I.	16, 13, 12	R. McHale, I. Giriunas, J. Nove
1, 6, 21	Ashburnham	5, 2, 2	EMHW
8, 14, 28	S. Monomoy	5+, 5+, 6+	B. Nikula
15	Middleboro	6	M. Lynch#
24	Newbury, P.I.-Newbypt	3, 23	R. Heil

Sharp-shinned Hawk

1-22	Ashburnham	163 total	EMHW
3, 8	Wachusett Mt., Quabbin (G40)	5, 9	K. Ryan, M. Lynch#
29	Stellwagen Bank (10 mi off P'town)	1	BBC (G. d'Entremont)
1-22	Reports of 1-3 individuals (total 20) from 13 locations.		

Cooper's Hawk

6, 8, 9	Ashburnham	1, 3, 2	EMHW
13	Peabody	2 ad	R. Heil
6-30	Reports of single birds from 14 locations.		

Northern Goshawk

1	Ashburnham	1	EMHW
9, 29	E. Middleboro, Wachusett Mt.	1, 1	K. Anderson, D. Donovan

DATE	LOCATION	NUMBER	OBSERVERS	OCTOBER 1989
Red-shouldered Hawk				
thr	E. Middleboro	2	K. Anderson	
6, 22	Ashburnham	2, 1	EMHW	
Broad-winged Hawk				
1, 3	Ashburnham, Wachusett Mt.	12, 3	EMHW	
Red-tailed Hawk				
1-22	Ashburnham	58 total	EMHW	
8, 16	Quabbin (G40), N. Middleboro	4, 4	M. Lynch#, K. Holmes	
	Reports of 1 or 2 individuals (total 8) from 6 locations.			
Rough-legged Hawk				
9	DWWS	1 lt	T. + J. Cameron	
21; 21, 24	Milton; P.I.	1 lt; 1, 1 lt	N. Smith; G. Gove#, R. Heil	
American Kestrel				
1-22	Ashburnham	32 total	EMHW	
3, 21	Wachusett Mt., Bridgewater-Halifax	9, 4	EMHW (K. Ryan), BBC (D. Davis)	
	Reports of 1-3 individuals (total 8) from 4 locations.			
Merlin				
8-11	Nantucket	7	L. Taylor#	
21, 22	Plymouth, P.I.	2, 3	BBC (D. Davis), BBC (J. Nove)	
3-22	Reports of single birds from 17 locations (6 inland).			
Peregrine Falcon				
6	Nomans Land	10+	T. French	
3, 8	Wachusett Mt., Acton	1 ad, 1 ad	EMHW (K. Ryan), R. Forster	
7, 15, 23	N. Monomoy	5+, 3+, 3+	P. Trull + B. Nikula	
8, 14, 28	S. Monomoy	2+, 4+, 4+	B. Nikula	
7, 22, 24	P.I.	3, 3, 4	R. Forster, D. Lange, R. Heil	
4-28 (8 dates)	P.I.	14 total	v. o.	
21, 22	Concord (Nine Acre), Middleboro	1, 1	R. Walton, W. Petersen	
1-22	Reports of 1 or 2 individuals (total 21) from 19 coastal locations.			

PHEASANTS THROUGH WOODPECKERS

A **Yellow Rail** was seen in Dorchester in the Neponset River marshes, and convincing details of the sighting were provided. The bird was seen twice in flight, and the white wing patches and color of the bird were noted as was the small bill size. Common Moorhens, a relatively rare bird these days, were seen in Scituate and in Marshfield. An adult **Sandhill Crane** continued in Ipswich from mid-September. It was at the same location as a Sandhill Crane last year, leading to speculation that it may be the same bird.

A field off Scotland Road in Newbury was attractive to many shorebirds this October, and the aggregation included some species that are not usually seen there. There were up to 12 Lesser Golden-Plovers, and a maximum of 255 Killdeer was noted. A Whimbrel was observed there one day; up to 46 Hudsonian Godwits were counted on several days; and up to 120 Pectoral Sandpipers were also present in this field as was a Buff-breasted Sandpiper. Also noteworthy were 40 Hudsonian Godwits observed in Middleboro/Halifax on October 29.

Elsewhere, 20 Lesser Golden-Plovers were noted on Nantucket, and a late Piping Plover was seen at North Monomoy on October 15. Oystercatchers were present at North Monomoy throughout the month, and up to three Willets of the western race were in Chatham at month's end, where there were up to 150 Red Knots. Western Sandpipers were seen at five locations, and a late Baird's Sandpiper was observed at Plum Island on October 24. A juvenile **Sharp-tailed Sandpiper** was reported in Newbury in the fields across from the Plum Island Airport. This is the third sighting of this species in the state. A report of a **Curlew Sandpiper** at Plum Island at the Hellcat impoundment included details, and a **Silt Sandpiper** was present there as late as October 24.

During the stormy period of October 14 through 21, a number of pelagic birds were seen from Sandy Neck in Barnstable and included Pomarine, Parasitic, and many unidentified jaegers, a Lesser Black-backed Gull, and Common and Forster's terns. A **Franklin's Gull** was reported in Lynn (see details on page 33), where a Little Gull was also noted. Three Iceland Gulls were reported, and Lesser Black-backed Gulls were seen at Nahant and on Stellwagen Bank, where up to 700 kittiwakes were also estimated. The Lesser Black-backed Gull seen at Stellwagen Bank on the BBC pelagic trip was at the time only four-five months old. Lesser Black-backed Gulls this young have rarely, if ever, been reported in Massachusetts. Did this individual fly across the North Atlantic, or is this European species now breeding somewhere in North America?

Caspian Terns were noted at two locations. Black Skimmers were present as late as October 22 in Salisbury, and 3 Razorbills were seen on the BBC pelagic trip to Stellwagen Bank.

Short-eared Owls were noted at midmonth from three locations, and a late Ruby-throated Hummingbird

was noted on October 5 in Squantum. Yellow-bellied Sapsuckers were well reported through the first three weeks of the month. G.W.G.

DATE	LOCATION	NUMBER	OBSERVERS	OCTOBER 1989
Ring-necked Pheasant				
9, 22	Ipswich, Newbury	1, 3 f	G. d'Entremont	
15	Halifax	5	M. Lynch#	
Ruffed Grouse				
8; 13, 28	Quabbin (G40); Clinton	2; 3, 2	M. Lynch#; D. Donovan	
Wild Turkey				
14, 17	Petersham, E. Middleboro	4, 1	E. Taylor, J. Brisette#	
22	Quabbin (G40)	20	M. Lynch#	
Northern Bobwhite				
1	Chatham, Eastham	1, 12	G. d'Entremont#, B. Cornwell	
29	Eastham, Truro	6, 12	R. Stymeist#	
Clapper Rail				
20, 21	Eastham, Scituate	1, 1	T. Aversa, D. Brown	
Yellow Rail (details submitted)				
15	Dorchester	1	S. + R. Donovan + R. Lomar	
Virginia Rail				
7; 15, 20	P. I.; Stoncham, Eastham	1; 2, 1	BBC (J. Center); T. Aversa	
14, 15	Peabody, Dorchester	5, 1	R. Heil, S. + R. Donovan#	
Sora				
16, 20	Eastham	2, 1	K. Ryan#, T. Aversa	
Common Moorhen				
6, 16	Scituate, DWWS	1, 1	D. Ludlow#	
American Coot				
11, 20; 21	Braintree; Lakeville	2, 6; 12	K. Ryan; BBC (D. Davis)	
24, 25	Ipswich, W. Newbury	3, 5	J. Brown, T. Aversa	
28, 30	S. Monomoy, Marlboro	25, 1	B. Nikula, R. Graefe	
Sandhill Crane				
1-7	Ipswich	1 ad	v. o.	
Black-bellied Plover				
thr	S. Dart. (Allens Pd)	35 max 10/12	LCES (J. Hill)	
thr	Hull, Ipswich	27 max 10/26, 5-48	P. Thayer, D. Rimmer	
1, 1-29	Newburyport, P.I.	1000, 25 max	BBC (R. McHale), D. Chickering	
10, 29	N. Monomoy	1000, 600	B. Nikula	
22	Newbury	160	G. d'Entremont	
Lesser Golden-Plover				
1-14, 14-25	P. I., Newbury	4 max, 12 max	v. o.	
1, 5	Nantucket, Ipswich	20, 2	BBC (D. Davis), R. Forster	
24, 30	Salisbury, Halifax	9, 1	R. Heil, K. Anderson	
Semipalmated Plover				
1-24, 13	Ipswich, Quincy	30 max 10/4, 4	J. Brown, K. Ryan	
10, 29	N. Monomoy	80, 35	B. Nikula	
18, 24	P.I.	3, 15	T. Aversa, R. Heil	
Piping Plover				
15	N. Monomoy	1	B. Nikula	
Killdeer				
thr	Newbury	255 max 10/15	R. Heil + v. o.	
1, 4; 9	Hamilton; Arlington	25, 76; 14	J. Brown; R. Stymeist#	
15, 22	Middleboro, Otis AFB	60, 24	I. Giriunas, P. Trimble	
23	Easton	33	K. Ryan	
American Oystercatcher				
8, 11	Nantucket	4, 3	L. Taylor#	
15, 29	N. Monomoy	35, 22	B. Nikula	
Greater Yellowlegs				
thr	P.I.	130 max 10/4	W. Drew# + v. o.	
1-24	S. Dart. (Allens Pd)	27 max 10/5	LCES (J. Hill)	
6, 7	Squantum, Ipswich	86, 35	R. Abrams, I. Giriunas#	
22	Newburyport, E. Boston	165, 75	G. d'Entremont, T. Aversa	
Lesser Yellowlegs				
thr	P.I.	10 max 10/4	W. Drew# + v. o.	
1, 8	WBWS, Rowley	3, 10	G. d'Entremont, I. Giriunas#	
15, 22	Nashawena, E. Boston	1, 1	P. Trimble, T. Aversa	
Solitary Sandpiper				
1	Ipswich, Truro	2, 1	J. Berry, G. d'Entremont#	
Willet				
1, 7	Nantucket, Squantum	4, 1	BBC (D. Davis), T. Cameron#	
15	E. Orleans	1	A. + E. Williams	

DATE	LOCATION	NUMBER	OBSERVERS	OCTOBER 1989
Willet (western race) 22-29	Chatham	3 max	B. Nikula	
Spotted Sandpiper 4, 13 15	N. Scituate, Lynn Clinton	1, 1 1	R. Titus, R. Heil D. Donovan	
Whimbrel 1 5-8, 15 24	Eastham, Chatham P. I., Nashawena Newbury	1, 1 1 or 2, 1 1 (dark rump)	G. d'Entremont# H. Wiggin# + v.o., P. Trimble R. Heil	
Hudsonian Godwit 1-24 21-25 22-31, 29	P. I.-Newburyport Newbury Ipswich, Middleboro	11 max 10/9 46 max 35, 40 juv	D. Chickering + v. o. v. o. J. Berry#, W. Petersen	
Ruddy Turnstone 13, 20; 17 29	Quincy; Winthrop Plymouth	2, 1; 15 2	K. Ryan; T. Aversa BBC (G. d'Entremont)	
Red Knot 1, 10 10, 29	Rowley, P.I. N. Monomoy	2-3, 32 150, 10	J. Berry, T. Aversa B. Nikula	
Sanderling thr 1, 18 10, 11 10, 29	Ipswich Swampscott, Barnstable S. Dart. (Allens Pd) N. Monomoy	25-175 300, 500 125, 310 800, 700	D. Rimmer R. Forster, R. Abrams T. Aversa B. Nikula	
Semipalmated Sandpiper 4-25 20, 22	P.I. Quincy, S. Monomoy	115 max 10/22 9, 100	BBC (J. Nove) + v. o. K. Ryan, B. Nikula	
Western Sandpiper 1, 9 10, 22 14, 21; 20	Nahant, Ipswich N. Monomoy P.I.; Quincy	1, 1 5, 3 1, 1; 2	R. Forster, D. Brown# B. Nikula G. Gove, R. Abrams; K. Ryan	
Least Sandpiper 3, 5; 15 25, 29	N. Scituate; Middleboro P. I., Newburyport	1 ad, 3; 3 1, 2	R. Abrams; I. Giriunas T. Aversa, R. Titus	
White-rumped Sandpiper 8, 9-29 8, 22 21, 22	Rowley, P.I. S. Monomoy, N. Monomoy Newbury, Halifax	4, 45 max 10/25 12, 6 80, 50	I. Giriunas, T. Aversa + v. o. B. Nikula S. Perkins, SSBC (W. Petersen)	
Baird's Sandpiper 24	P.I.	1 juv	R. Heil	
Pectoral Sandpiper 3-22, 8 5-15, 9 8, 15 15, 21 15-25	Ipswich, Easton P. I., Arlington S. Monomoy, N. Monomoy Middleboro, Halifax Newbury	7 max 10/3, 19 25 max 10/10, 6 35, 20 72, 89 120 max 10/21	R. Forster + v.o., K. Ryan T. Aversa + v.o., R. Stymeist# B. Nikula I. Giriunas, BBC (D. Davis) R. Heil + v. o.	
Sharp-tailed Sandpiper 15	Newbury	1 juv	F. McMenemy#	
Purple Sandpiper 1, 29	Nantucket, N. Monomoy	1, 1	BBC (D. Davis), B. Nikula	
Dunlin thr 10, 22; 22	Newburyport-P.I. N. Monomoy; Ipswich (details submitted)	1800 max 10/24 800, 2000; 470	R. Heil + v. o. B. Nikula; J. Berry	
Curlew Sandpiper 7	P.I.	1	A. + B. Delorey	
Stilt Sandpiper 4, 5, 24	P.I.	1, 1, 1 juv	W. Drew#, R. Forster, R. Heil	
Buff-breasted Sandpiper 8-21	Newbury	1	D. Chickering + v. o.	
Short-billed Dowitcher thr	Newburyport-P.I.	4 max 10/8	I. Giriunas + v. o.	
Long-billed Dowitcher thr 1, 10	Newburyport-P.I. Chatham, Ipswich	41 max 10/24 1, 1	R. Heil + v. o. G. d'Entremont#, D. Brown#	
Common Snipe 3, 7 15	Ipswich, Easton Dorchester, Halifax	22, 5 22, 40	R. Forster, K. Ryan S. + R. Donovan, M. Lynch#	

DATE	LOCATION	NUMBER	OBSERVERS	OCTOBER 1989
American Woodcock				
1	P. I., Eastham	1, 1	BBC (R. McHale), L. Taylor#	
15	Squantum	1	G. d'Entremont	
Red-necked Phalarope				
16	Stellwagen Bank	6	P. Trimble	
Red Phalarope				
31	S. Dart. (Allens Pd)	1	LCES (J. Hill)	
phalarope species				
18	Barnstable (S.N.)	30	R. Abrams	
Pomarine Jaeger				
18, 19	Barnstable (S.N.)	6, 5	R. Abrams	
29	Stellwagen Bank	3 or 4	BBC (S. Perkins)	
Parasitic Jaeger				
10, 19	N. Monomoy, Barnstable (S.N.)	1, 6	B. Nikula, R. Abrams	
jaeger species				
19, 20	Barnstable (S.N.)	10, 7	R. Abrams	
29	Stellwagen	1	BBC (S. Perkins)	
Laughing Gull				
6, 15	Lynn, Squantum	20, 26	J. Quigley, G. d'Entremont	
29	Plymouth	1	BBC (G. d'Entremont)	
Franklin's Gull (details submitted)				
6	Lynn	1 (1W)	J. Quigley	
Little Gull				
29, 30	Lynn	1 (1W)	J. Quigley	
Common Black-headed Gull				
5, 7; 14	Newburyport; Annisquam	1 ad; 1 ad	R. Forster; W. Petersen	
Bonaparte's Gull				
5, 17	Newburyport, Quincy	400, 250	R. Forster, K. Ryan	
22, 25	Ipswich, Boston Harbor	35, 30-40	J. Berry, P. Thayer	
29	Lynn, Plymouth	300, 45	J. Quigley, BBC (G. d'Entremont)	
Ring-billed Gull				
thr	S. Dart. (Allens Pd)	209 max 10/5	LCES (J. Hill)	
4, 15	Lynn, Squantum	275, 200	J. Quigley, G. d'Entremont	
21	Plymouth	280	BBC (D. Davis)	
Iceland Gull				
21, 29	Rockport, Stellwagen	2, 1 (1W)	H. Wiggin#, BBC (G. d'Entremont)	
Lesser Black-backed Gull				
1, 18, 20	Nahant; Barnstable (S.N.)	1 ad; 1 ad, 1	R. Forster; R. Abrams, T. Aversa	
29	Stellwagen Bank	1 (1W)	BBC (S. Perkins)	
Black-legged Kittiwake				
13, 18	Stellwagen, Rockport (A.P.)	4, 32	S. Perkins#, T. Aversa	
29	Stellwagen Bank	700	BBC (G. d'Entremont)	
Caspian Tern				
6, 10	Sandwich, Eastham	1, 3	P. Trimble, fide B. Nikula	
large tern species				
27	Marshfield	1	M. Walter + R. Abrams	
Common Tern				
19, 20	Barnstable (S.N.), Sagamore	45, 20	R. Abrams	
29	Plymouth	25	BBC (G. d'Entremont)	
Forster's Tern				
13, 15	Quincy, Squantum	1, 6	K. Ryan, G. d'Entremont	
14, 15	S. Dartmouth, P.I.	1, 1	R. Stymeist#, H. Wiggin#	
19, 27	Barnstable (S.N.), Marshfield	2, 22	R. Abrams#	
Black Skimmer				
1, 22	Chatham, Salisbury	2, 2	G. d'Entremont#, I. Giriunas#	
Razorbill				
29	Stellwagen	3	BBC (H. D'Entremont)	
Mourning Dove				
9	Belmont	70	R. Stymeist#	
Black-billed Cuckoo				
1	Wellfleet, Nantucket	1, 1	L. Taylor#, BBC (D. Davis)	
8	Truro	1	G. Gove	
Yellow-billed Cuckoo				
22	Provincetown	1	E. Nielsen#	
Eastern Screech-Owl				
1-10, 8-13	Ipswich, Quincy	1, 1	J. Berry, D. Morimoto	
Great Horned Owl				
16	N. Middleboro	5	K. Holmes	
Reports of 9 individuals from 5 locations.				

DATE	LOCATION	NUMBER	OBSERVERS	OCTOBER 1989
Barred Owl				
24	Easton	1	K. Ryan	
Long-eared Owl				
9, 28	Hamilton, S. Monomoy	1, 2	J. Berry, B. Nikula	
Short-eared Owl				
14; 14, 15	Quincy; P.I.	2; 2, 2	K. Ryan; BBC (I. Giriunas), R. Heil	
Ruby-throated Hummingbird				
6	Squantum	1	R. Abrams	
Belted Kingfisher				
1	Newburyport area, Nantucket	6, 6	BBC (R. McHale), BBC (D. Davis)	
1	Provincetown-Wellfleet, Rowley	7, 4-5	R. Stymeist#, J. Berry#	
5, 8	Clinton, P.I.	4, 3	D. Donovan, D. Chickering	
9	Ipswich	5	G. d'Entremont	
Yellow-bellied Sapsucker				
1-15	P.I.	1-2	v. o.	
8-10, 15	Nantucket, Gloucester	2, 5	C. Taylor#, BBC (J. Nove)	
1-22	Reports of individuals from 16 locations.			
Hairy Woodpecker				
	Reports of 1-3 from 7 locations.			
Northern Flicker				
thr, 1	P.I., Newburyport area	9 max 10/22, 30	D. Chickering, BBC (R. McHale)	

FLYCATCHERS THROUGH SHRIKES

A *Say's Phoebe* was discovered on South Monomoy on October 14 where it was photographed. The bird was actively catching insects throughout the forty-five minute period observation. The unseasonably warm weather resulted in a good number of flying insects being present.

A well-described Yellow-bellied Flycatcher was reported by two observers on the rather late date of October 21-22 at Plum Island. Only one Western Kingbird was noted during the month. A *Myiarchus* flycatcher was reported in West Yarmouth on the late date of October 22.

A *Gray Jay* was found at the Dana Common area of Quabbin Reservation on October 29 and 30; another or the same bird was reported on the Prescott Peninsula at Quabbin earlier in the week. There was a good flight of Red-breasted Nuthatches with reports received from just about everywhere. Golden-crowned Kinglets were also well reported especially on the first weekend of the month.

At least 115 Eastern Bluebirds were reported during the month, an increase of 71 individuals over October 1988. It was a good month for *Catharus* thrushes with 4 Gray-cheeked, 12 Swainson's, and a very good flight of Hermit thrushes. In October 1988, only one Gray-cheeked, 5 Swainson's, and 51 Hermit thrushes were reported.

There was a good flight of American Pipits with flocks of over 100 individuals reported from two locations. Two Bohemian Waxwings, unusual for October, were reported from Plum Island and Wellfleet. The first Northern Shrike of the season was reported from South Monomoy on October 28. R.H.S.

Eastern Wood-Pewee				
7, 9	Squantum, Nantucket	1, 1	R. Abrams, L. Taylor#	
Yellow-bellied Flycatcher (well described)				
21-22	P.I. (Hellcat)	1	R. Heil, D. Lange	
<i>Empidonax</i> species				
7	Squantum	1	R. Abrams	
Eastern Phoebe				
6, 9, 22; 6	Belmont; Squantum	5, 11, 4; 12	R. Stymeist#, R. Abrams	
7, 8; 9	P.I., SRV; Cambridge (F.P.)	9, 7; 6	R. Forster; R. Stymeist	
10, 14	Milton, Newbypt	5, 8	R. Abrams, BBC (I. Giriunas)	
14, 22	S. Dartmouth, P.I.	15, 4	R. Stymeist#, BBC (J. Nove)	
22, 23	W. Yarmouth, Cambridge (F.P.)	3, 1	P. Trimble, D. Flood	
	Many reports of 1 or 2 individuals from 10/1-21.			
<i>Say's Phoebe</i> (details submitted)				
14	S. Monomoy	1 ph	B. Nikula	
<i>Myiarchus</i> species (no details submitted)				
22	W. Yarmouth	1	P. Trimble	
Eastern Kingbird				
1	Truro (High Head)	1	J. Heywood#	
Horned Lark				
1, 28	Barnstable (S.N.), Salisbury	40, 100	P. Trimble, E. Taylor	
Tree Swallow				
8, 14	S. Monomoy	10,000+, 5000	B. Nikula#	
14, 20	Middleboro, Scusset	500, 2000	G. d'Entremont#, R. Abrams	
22, 28	W. Bridgewater, Truro	200+, 28	K. Ryan, R. Stymeist#	

DATE	LOCATION	NUMBER	OBSERVERS	OCTOBER 1989
Bank Swallow				
1	Truro, Barnstable (S.N.)	2, 6	R. Stymeist#, P. Trimble	
14	Middleboro	2	G. d'Entremont#	
Gray Jay				
29-30	Quabbin (Dana Common area)	1	J. Johnstone + v. o.	
American Crow				
21	Bridgewater area, Belmont	550, 125	BBC (D. Davis), L. Taylor	
Fish Crow				
27, 29	Sharon, Canton	6, 4	R. Titus	
Common Raven				
8, 22	Quabbin (G40)	2, 2	M. Lynch#	
Black-capped Chickadee				
8, 22	Quabbin (G40)	76, 39	M. Lynch#	
Red-breasted Nuthatch				
Reports of a good flight with numbers reported from many locations.				
White-breasted Nuthatch				
8	Quabbin (G40)	19	M. Lynch#	
Brown Creeper				
2	Cambridge (Kendall Square)	4	F. Bouchard	
Carolina Wren				
thr	Ipswich, Milton	1, 1	J. Berry, J. Cameron#	
14, 15	S. Dartmouth, Gloucester	6, 3	R. Stymeist#, BBC (J. Nove)	
16-30, 22	Acton, Quabbin (G40)	1, 2	R. Forster, M. Lynch#	
28, 29	Bridgewater, Stoughton	2, 6	K. Ryan, R. Titus	
Many reports of 1 or 2 individuals from areas south of Boston.				
House Wren				
15	Ipswich, Cambridge (F.P.)	1, 1	J. Berry, E. Mog#	
Winter Wren				
6, 8	Squantum, Cambridge (F.P.)	1, 1	R. Abrams, R. Stymeist	
8, 22; 8-10	Quabbin (G40); Nantucket	8, 1; 2	M. Lynch#; L. Taylor#	
9; 13	Wellfleet, Stoneham; MNWS	2, 1; 2	B. Nikula, T. Aversa; I. Lynch	
14; 15, 19	Newbypt area; Wachusett Res.	1; 1	BBC (I. Giriunas); D. Donovan	
16, 24; 17	Quincy; Salem	1; 1	D. Morimoto; I. Lynch	
22	Boston H. (Georges I.)	1	P. Thayer	
Marsh Wren				
15, 22	Newbypt, GMNWR	12, 3	R. Forster, R. Titus	
Golden-crowned Kinglet				
1, 8	P.I.	75+, 25+	BBC (R. McHale), D. Morimoto	
8-11	Nantucket	"hundreds"	L. Taylor#	
Many reports of 10-20 individuals.				
Ruby-crowned Kinglet				
1	Truro, Nahant	26, 3	L. Taylor#, R. Forster	
6, 8	Squantum, SRV	25, 24	R. Abrams, R. Forster	
8, 22	Quabbin (G40)	53, 23	M. Lynch#	
Blue-gray Gnatcatcher				
8, 21	Cambridge (F.P.), N. Scituate	1, 1	R. Stymeist, G. d'Entremont#	
Eastern Bluebird				
8, 22	Quabbin (G40)	41, 15	M. Lynch#	
9, 14	Wachusett Res., DWWS	6, 4	D. Donovan, D. Clapp	
14	Plymouth, Peabody	4, 6	D. Morimoto, R. Heil	
21, 22	Quabbin (G41), Belmont	10, 2	M. Lynch#, N. Dana	
23, 26	Dighton, Sharon	25, 5	D. Rhodes, R. Titus	
31	Easton, Medfield	8, 4	K. Ryan, T. Aversa	
Gray-checked Thrush				
4, 6	Stoneham, Squantum	1 dead, 1	T. Aversa, R. Abrams	
7, 14	MNWS, Marshfield	1, 1	I. Giriunas#, D. Clapp	
Swainson's Thrush				
1	Nahant, Nantucket	1, 3	R. Forster, BBC (D. Davis)	
7	MNWS, Rowley	2, 1	I. Giriunas#	
10, 15	Weston, P.I.	1, 1	D. Morimoto, D. Chickering	
15, 22	Mt. A., P.I.	1, 1	R. Stymeist#, D. Chickering	
Hermit Thrush				
1; 7	MNWS, Nahant; P.I.	6, 1; 10	R. Forster	
8, 22; 14	Quabbin (G40); S. Monomoy	9, 4; 3	M. Lynch#; B. Nikula	
14	S. Dartmouth, P.I.	18, 5	R. Stymeist#, BBC (I. Giriunas)	
15	Belmont, Gloucester	9, 7	S. Perkins#, BBC (J. Nove)	
15	Squantum, Wachusett Res.	2, 6	G. d'Entremont, D. Donovan	
16	Chatham, Stoneham	10, 10	K. Ryan, T. Aversa	
Many reports of 1-3 individuals.				

DATE	LOCATION	NUMBER	OBSERVERS	OCTOBER 1989
Wood Thrush				
8-11; 9, 22	Nantucket; P.I.	2; 1, 1	L. Taylor#; D. Chickering	
15, 22	Salisbury, Ipswich	2, 1 dead	D. Chickering, J. Berry	
American Robin				
8, 22	Quabbin (G40)	266, 489	M. Lynch#	
14, 15	Peabody, Newbypt	500+, 250	R. Heil, H. Wiggin#	
15, 19	Wachusett Res., Holliston	101, 300	D. Donovan, E. Taylor	
22, 23	W. Newbury, W. Bridgewater	155, 300+	I. Giriunas, K. Ryan	
30, 31	Easton, Cambridge (F.P.)	173, 150+	K. Ryan, D. Flood	
Gray Catbird				
1	Newbypt area, Bolton Flats	46, 28	BBC (R. McHale), M. Lynch#	
8	Rowley, Quabbin (G40)	3, 7	I. Giriunas, M. Lynch#	
Brown Thrasher				
1; 1, 7	MNWS; P.I.	1; 2, 1	R. Forster; D. Chickering	
2, 16	Quincy, Chatham	1, 1	K. Ryan	
American Pipit				
1, 8	Newbypt, Quabbin (G40)	65, 60+	BBC (R. McHale), M. Lynch#	
8, 11	S. Monomoy, Ipswich	25, 125+	B. Nikula, J. Berry	
15	Middleboro, Nashawena	120+, 45	M. Lynch#, P. Trimble	
21	Braintree, Sharon	35, 34	M. Lynch#, R. Titus	
Many reports of single birds and small flocks from a wide area.				
Bohemian Waxwing				
24, 26	P.I., WBWS	1, 1	J. Murray, D. Ludlow	
Cedar Waxwing				
6, 15	Wellesley, Wachusett Res.	15, 42	R. Forster, D. Donovan	
15, 22	Gloucester, Peabody	15, 15	BBC (J. Nove), I. Giriunas	
Northern Shrike				
28	S. Monomoy	1	B. Nikula	

VIREOS THROUGH FINCHES

A total of twenty-five species of warblers was seen during the month, four more than in October 1988. On October 1, sixteen warbler species were tallied on outer Cape Cod where just ten species were recorded October 1, 1988. Warbling and Philadelphia vireos were also noted on October 1. At least 15 Orange-crowned Warblers were reported during the month compared with just 4 last October. The weekend of October 14-15 was exceptional for Yellow-rumped Warblers with over 1900 reported from just four locations.

Blue Grosbeaks were found as usual at the Truro "chicken farm" spot and also at Chatham and Belmont. It was a great fall for Dickcissels with at least 19 individuals reported (13 on the weekend of October 14-15). Sparrows also were well reported during the month. There were at least 9 Clay-colored Sparrows observed compared with only 2 last year. There were 4 Lark Sparrows, and Vesper Sparrows were noted at twelve spots. Flights of Lincoln's and White-crowned sparrows were good.

A roost of about 150 Rusty Blackbirds was noted in Wayland, and a roost of mostly Common Grackles was found at the Mystic Marsh in Methuen, where over 137,000 birds were estimated at the end of the month.

Winter finch reports were encouraging with 3 Pine Grosbeaks, both species of crossbills, a major flight of Pine Siskins, a redpoll, and a few Evening Grosbeaks reported. Over 120 Purple Fiches were noted migrating over Peabody on October 14 during a three-hour period.

R.H.S.

Solitary Vireo				
1, 8-10	P'town-Wellfleet, Nantucket	7, 7	R. Stymeist#, L. Taylor#	
9	Stoneham, Arlington	4, 3	T. Aversa, R. Stymeist#	
15	Gloucester, Hanson	1, 1	BBC (J. Nove), W. Petersen	
21	N. Scituate, Stoneham	1, 1	G. d'Entremont#, T. Aversa	
Yellow-throated Vireo (details submitted)				
16	S. Dartmouth	1	M. Boucher	
Warbling Vireo				
1	Chatham	1	R. Campbell	
Philadelphia Vireo				
1	Bolton Flats	2	M. Lynch#	
Red-eyed Vireo				
1	Newbypt area, MNWS	5, 4	BBC (R. McHale), R. Forster	
8, 9	Acton, Belmont	1, 2	R. Forster, R. Stymeist	
15, 20	Stoneham, Eastham	1, 1	T. Aversa	
Tennessee Warbler				
1	Truro	1	R. Stymeist#	

DATE	LOCATION	NUMBER	OBSERVERS	OCTOBER 1989
Orange-crowned Warbler				
1; 5, 7	Nantucket; Salisbury, P.I.	1; 1, 1	BBC (D. Davis); R. Forster	
13	Squantum, DWWS, Scituate	1, 1, 1	D. Brown, D. Ludlow, D. Clapp#	
15	Truro, Ipswich, Middleboro	2, 3 or 4, 1	G. Gove#, J. Berry, M. Lynch#	
16, 21	Eastham, N. Scituate	1, 1	K. Ryan, G. d'Entremont#	
Nashville Warbler				
1	Nahant, Truro	1, 6	R. Forster, R. Stymeist#	
5, 6	P.I., Squantum	1, 1	R. Forster, R. Abrams	
9, 13	Cambridge (F.P.), Peabody	1, 1	R. Stymeist, R. Heil	
15, 17	Belmont, Bolton Flats	1, 1	S. Perkins#, T. Aversa	
Northern Parula				
1, 7; 9	Wellfleet, Nahant; P.I.	1, 1; 1	R. Stymeist#; J. Berry	
Yellow Warbler				
1	Truro	2	G. d'Entremont#	
Chestnut-sided Warbler				
1	Truro	2	J. Heywood#	
Magnolia Warbler				
1	P.I.	1	D. Chickering	
Cape May Warbler				
1	Nantucket	1	BBC (D. Davis)	
Black-throated Blue Warbler				
1	MNWS, Nantucket	2, 2	R. Forster, BBC (D. Davis)	
1	Chatham	1	G. d'Entremont#	
7	P.I., Squantum	1, 1	R. Forster, T. Cameron#	
10, 12	Nantucket, Stoneham	2, 1	L. Taylor#, T. Aversa	
15, 27	Gloucester, Newbury	1, 1	BBC (J. Nove), D. Rimmer	
Yellow-rumped Warbler				
1, 15	Wachusett Res.	12, 139	D. Donovan	
6, 7	Squantum, P.I.	75, 170	R. Abrams, R. Forster	
8, 22	Quabbin (G40)	41, 97	M. Lynch#	
14	S. Dart. (Gooseberry Neck), Monomoy	230, 800+	R. Stymeist#, B. Nikula	
14	Peabody, Newbypt	700+, 150	R. Heil, BBC (I. Giriunas)	
Many reports of 50+ individuals after 10/10.				
Black-throated Green Warbler				
8	Cambridge (F.P.), P.I.	1, 1	R. Stymeist, D. Morimoto	
21	N. Scituate (Glades)	1	G. d'Entremont#	
Blackburnian Warbler				
1	Nantucket	1	BBC (D. Davis)	
Pine Warbler				
3, 8	P.I., Quabbin (G40)	1, 6	R. Forster, M. Lynch#	
9, 14	Wenham, Plymouth	1, 5	D. Brown#, D. Morimoto	
22, 30	P.I., Easton	1, 1	D. Chickering, K. Ryan	
Prairie Warbler				
1	Truro, Nantucket	3, 1	R. Stymeist#, BBC (D. Davis)	
1	Nahant	2	R. Forster	
Palm Warbler				
8, 14; 8	S. Monomoy; Rowley	25, 25; 4	B. Nikula; I. Giriunas	
12, 14	Sharon, DWWS	6, 18	R. Titus, D. Clapp	
14, 15	Peabody, Middleboro	16, 20+	R. Heil, M. Lynch#	
21, 22	Belmont, Quabbin (G40)	5, 10	L. Taylor, M. Lynch#	
Bay-breasted Warbler				
5; 8, 10	P.I.; Nantucket	1; 1	R. Forster; L. Taylor#	
Blackpoll Warbler				
1	Truro-Wellfleet, Bolton Flats	11, 7	R. Stymeist#, M. Lynch#	
14, 16	Salisbury, Concord	2, 1	M. Lynch#, R. Forster	
21, 22	N. Scituate, Cambridge	1, 1	G. d'Entremont#, J. Heywood#	
Black-and-white Warbler				
1, 8	Truro, Stoneham	4, 1	R. Stymeist#, T. Aversa	
American Redstart				
1	Truro-Wellfleet	6	R. Stymeist#	
6, 9	W. Newton, P.I.	1, 2	T. Kuklinski, J. Berry	
15, 21	Squantum, N. Scituate	1, 1	G. d'Entremont#	
Ovenbird				
1, 14	Truro, Marshfield	1, 1	J. Heywood, D. Clapp	
Northern Waterthrush				
1	MNWS, Wellfleet	1, 1	R. Forster, R. Stymeist#	
Connecticut Warbler				
1	Truro, Bolton Flats	1, 1	R. Stymeist#, M. Lynch#	
<i>Oporonis</i> species				
14, 22	S. Dartmouth, Forestdale	1, 1	J. Heywood, P. Trimble	

DATE	LOCATION	NUMBER	OBSERVERS	OCTOBER 1989
Common Yellowthroat				
1, 7	Bolton Flats, Squantum	11, 6	M. Lynch#, R. Abrams#	
17	P.I., Bolton Flats	3, 10	M. Lynch#, T. Aversa	
22, 23	Quabbin (G40), Stoneham	1, 1	M. Lynch#, T. Aversa	
Wilson's Warbler				
1	Truro	3	R. Stymeist#	
Yellow-breasted Chat				
6, 9	Squantum, Cambridge	1, 1	R. Abrams, J. Heywood	
13, 15	Squantum, Truro	1, 1	D. Brown, G. Gove#	
17, 20	P.I., Eastham	1, 1	M. Lynch#, T. Aversa	
Scarlet Tanager				
1, 8, 10	Truro, Wayland, P.I.	1, 1, 1	R. Stymeist#, R. Forster, T. Aversa	
Northern Cardinal				
28	S. Monomoy (unusual)	1	B. Nikula	
Rose-breasted Grosbeak				
1	Truro, Stoughton	3, 1	R. Stymeist#, R. Titus	
1, 8	Bolton Flats, Worcester	1, 1 dead	M. Lynch#	
Blue Grosbeak				
1-22	Truro (Corn Hill)	1 or 2	v. o.	
1, 14	Chatham, Belmont	1, 1	G. d'Entremont#, S. Perkins#	
Indigo Bunting				
1, 9, 9	Truro, Belmont, Rowley	6, 3, 2	R. Stymeist#, I. Giriunas	
11; 14	Scituate; Middleboro, Peabody	2; 2, 2	D. Clapp; G. d'Entremont#, R. Heil	
22	Lexington, Wayland	1, 1	L. Taylor, S. Perkins#	
22, 29	Forestdale	2, 1	P. Trimble	
Dickcissel				
1-22	Truro (Corn Hill)	1 or 2+	v. o.	
5, 21, 22	P.I.	1, 1, 1	R. Forster, R. Heil, BBC (J. Nove)	
6, 9	Framingham, Mt. A.	1, 1	R. Forster, R. Stymeist#	
14-21, 14	Belmont, Peabody	1, 3	S. Perkins# + v. o., R. Heil	
15	Weston, Middleboro	2, 1	S. Perkins#, M. Lynch#	
15	Dorchester, Nashawena	3, 1	S. + R. Donovan, P. Trimble	
15, 15-16	Halifax, Squantum	1, 1	J. Gordon#, G. d'Entremont#	
22	Wayland	1	R. Walton#	
Rufous-sided Towhee				
1, 5; 8	Wachusett Res.; Quabbin (G40)	5, 1; 8	D. Donovan; M. Lynch#	
14, 22	Plymouth, Peabody	12, 2	D. Morimoto, I. Giriunas	
24, 25	E. Middleboro, Brookline	1, 1	K. Anderson, H. Wiggin	
American Tree Sparrow				
14, 15	P.I., Wachusett Res.	1, 1	G. Gove#, D. Donovan	
22	Belmont, Peabody	1, 2	R. Stymeist#, D. F. Oliver#	
22	P.I., Boston H. (Georges I.)	4, 3	BBC (J. Nove), P. Thayer	
Chipping Sparrow				
1, 8	Wachusett Res.	15, 20	D. Donovan	
17, 22	P.I., W. Newbury	23, 6	M. Lynch#, I. Giriunas	
Clay-colored Sparrow				
1-15, 7-13	Truro, Squantum	1 or 2, 1	G. d'Entremont + v. o., R. Abrams + v. o.	
7	Peabody	1	J. Hoye	
10	Wayland, Scituate	1, 1	R. Walton, R. Abrams	
15	Middleboro, P.I.	1, 1	I. Giriunas, R. Forster	
21, 22	Rockport, P.I.	1, 1	H. Wiggin, G. d'Entremont#	
Field Sparrow				
12, 14	Sharon, S. Dart. (Gooseberry Neck)	10, 14	R. Titus, R. Stymeist#	
14	Peabody, Newbypt area	22, 9	R. Heil, BBC (I. Giriunas)	
Many reports of 1-4 individuals.				
Vesper Sparrow				
1, 8	Bolton Flats, Newbypt	1, 1	M. Lynch#, I. Giriunas#	
14	Peabody, Salisbury	3, 1	R. Heil, M. Lynch#	
15, 17	Truro, P.I.	2, 2	J. Gordon#, M. Lynch#	
21, 22	Belmont, Newton	2, 1	L. Taylor, M. Murphy	
22	Eastham, Forestdale	3, 4	E. Nielsen#, P. Trimble	
22	Concord, Wayland	1, 1	S. Perkins#, R. Walton#	
Lark Sparrow				
7, 13	P.I., Squantum	1, 1	v. o., D. Brown	
14, 29	Salisbury, Forestdale	1, 1	M. Lynch#, P. Trimble	
Savannah Sparrow				
6	Sharon, Squantum	40, 55	R. Titus, R. Abrams	
9, 13	Ipswich, Squantum	35, 230	G. d'Entremont#, D. Brown	
14, 15	Peabody, Middleboro	110, 250+	R. Heil, M. Lynch#	
17, 22	P.I., Halifax	60+, 50	M. Lynch#, SSBC (W. Petersen)	

DATE	LOCATION	NUMBER	OBSERVERS	OCTOBER 1989
"Ipswich" Savannah Sparrow 7, 28; 15	P.I.; Nashawena	1, 1; 1	R. Forster, S. Bolton#; P. Trimble	
Grasshopper Sparrow 4, 8	Sharon, Newbypt	1, 1	R. Titus, M. Argue#	
13, 15	Concord, Truro	1, 2	R. Walton, C. Floyd#	
15, 21	Middleboro, N. Scituate	1, 1	M. Lynch#, G. d'Entremont	
Sharp-tailed Sparrow 1	Newbypt, Nantucket	13, 6	BBC (R. McHale), BBC (D. Davis)	
13, 14	Squantum, Salisbury	12, 35	D. Brown, M. Lynch#	
15	Newbypt, Ipswich	65, 15+	R. Forster, J. Berry	
15, 21	Dorchester, Newton	7, 1 (inland form)	S. + R. Donovan, O. Komar	
Seaside Sparrow 1, 13	Newbypt, Squantum	6, 4	BBC (R. McHale), D. Brown	
Fox Sparrow 16, 24	Acton, Holliston	1, 1	R. Forster, T. Aversa	
26	Cambridge (F.P.)	1	D. Flood	
Song Sparrow 1, 8	Bolton Flats, Quabbin (G40)	156, 59	M. Lynch#	
14	Peabody, Salisbury	75+, 65	R. Heil, M. Lynch#	
14	S. Dartmouth, Newbypt	125, 44	R. Stymeist#, BBC (I. Giriunas)	
15	Middleboro-Halifax	150+	M. Lynch#	
Lincoln's Sparrow 1, 6	Bolton Flats, Belmont	8, 2	M. Lynch#, L. Taylor	
7, 8	Stoneham, SRV	3, 16	T. Aversa, R. Forster	
8	Cambridge, Quabbin (G40)	5, 3	R. Stymeist#, M. Lynch#	
9, 15; 13	Belmont; Squantum	6, 4; 9	R. Stymeist#; D. Brown	
8-22	Reports of single birds from 15 locations.			
Swamp Sparrow 1, 9	Bolton Flats, Belmont	111, 50+	M. Lynch#, R. Stymeist#	
15, 22	Middleboro, GMNWR	80+, 30	M. Lynch#, R. Titus	
	Reports of 5-20 individuals from many areas.			
White-throated Sparrow 1; 1, 8	Bolton Flats; Wachusett Res.	36; 8, 22	M. Lynch#; D. Donovan	
8, 22; 13	Quabbin (G40); Wenham	58, 39; 15	M. Lynch#; J. Brown	
14, 15	Newbypt, Gloucester	25, 65	BBC (I. Giriunas), BBC (J. Nove)	
	Many reports of 5-10 individuals from a wide area.			
White-crowned Sparrow 1-17	Bolton Flats	13 max 10/17	T. Aversa + v. o.	
6-21	Belmont	19 max 10/15	J. Heywood# + v. o.	
7-13	Squantum	22 max 10/13	D. Brown + v. o.	
14-22	P.I.	25+ max 10/15	M. Argue# + v. o.	
14	Newbypt, S. Dartmouth	21, 11	I. Giriunas#, R. Stymeist#	
14	Salisbury	19	M. Lynch#	
15	Middleboro, Ipswich	30+, 12+	M. Lynch#, J. Berry	
15, 22	Gloucester, Sharon	21, 8	BBC (J. Nove), R. Titus	
	A very good flight. Reports of 1-10 individuals from 12 other locations.			
Dark-eyed Junco 1-29	P.I.	25 max 10/15	D. Chickering + v. o.	
8, 22	Quabbin (G40)	14, 48	M. Lynch#	
14	S. Monomoy, Peabody	80, 175+	B. Nikula, R. Heil	
15	Gloucester	60	BBC (J. Nove)	
Lapland Longspur 7, 8	P.I., Quabbin (G40)	20, 4	R. Forster, M. Lynch#	
13, 14	Peabody, S. Dartmouth	1, 2	R. Heil, J. Heywood#	
14, 15	Salisbury, Nashawena	7, 5	M. Lynch#, P. Trimble	
15	P.I., Middleboro	8, 6	R. Heil, M. Lynch#	
22, 24	Lakeville, P.I.	1, 14	W. Petersen#, R. Heil	
Snow Bunting 18, 19-31	Barnstable (S.N.), Ipswich (Crane B.)	1, 50-200+	R. Abrams, D. Rimmer	
21-31, 24	P.I., Easton	245 max 10/24, 1	R. Heil + v. o., K. Ryan	
28, 30	Hull	40, 115	P. Thayer	
28, 29	S. Monomoy, N. Monomoy	200+, 200+	B. Nikula	
29	Plymouth B., Wachusett Mt.	40+, 2	BBC (G. d'Entremont), D. Donovan	
Bobolink 6, 10; 8, 14	Sharon; S. Monomoy	2, 1; 1, 1	R. Titus; B. Nikula	
22, 29	P.I., Forestdale	1, 1	BBC (J. Nove), P. Trimble	
Red-winged Blackbird 1, 8	Nantucket, Rowley	53, 1150	BBC (D. Davis), I. Giriunas	
15, 21	Middleboro, Newbury	40, 600+	M. Lynch#, R. Heil	

DATE	LOCATION	NUMBER	OBSERVERS	OCTOBER 1989
Eastern Meadowlark				
1, 3	Ipswich, Marlboro	1, 1	J. Berry, R. Graefe	
8	Easton, Sharon	5, 6	K. Ryan, R. Titus	
14, 15	DWWS, Truro	11, 12+	D. Clapp, B. Nikula	
Rusty Blackbird				
1, 9	Chatham, Belmont	2, 3	G. d'Entremont#, R. Stymeist#	
12, 31	Wayland	157, 150	R. Forster	
15	Truro, Nashawena	3, 1	G. Gove#, P. Trimble	
Common Grackle				
8, 9	N. Middleboro, Ipswich	5000+, 150	K. Holmes, I. Giriunas	
26	Methuen	137,000+ roost	J. Hogan	
Brown-headed Cowbird				
3, 6	Rowley, Easton	65, 120+	R. Forster, K. Ryan	
23, 28; 24	Bridgewater; Peabody	350+, 500+; 200	K. Ryan; R. Heil	
Northern Oriole				
1	Truro, Nahant	3, 3	R. Stymeist#, R. Forster	
7, 28, 29	Squantum, IRWS, Saugus	1, 1, 1	T. Cameron#, R. Heil, C. Jackson	
Pine Grosbeak				
22, 28	P.I.	2, 1	G. d'Entremont# + v. o., BBC (S. Bolton)	
Purple Finch				
1	Bolton Flats, Reading	9, 1	M. Lynch#, I. Giriunas#	
7, 8	P.I., SRV	9, 42	R. Forster	
9	Watertown, Belmont	2, 8	R. Stymeist#, J. Heywood#	
14	Peabody, Acton	120, 20	R. Heil, R. Forster	
Red Crossbill				
29	Quabbin (G40)	4	J. Johnstone	
White-winged Crossbill				
22	Quabbin (G40)	1	M. Lynch#	
Common Redpoll				
24	P.I.	1	R. Heil	
Pine Siskin				
1, 5, 8	MNWS, P.I., SRV	1, 1, 6	R. Forster	
8, 22; 13, 14	Quabbin (G40); Peabody	27, 38; 3, 175+	M. Lynch#; R. Heil	
14	Salisbury, Belmont	14, 2	M. Lynch#, S. Perkins	
14, 28; 21	S. Monomoy; Belmont	8, 8+; 9	B. Nikula; L. Taylor	
24, 27; 25	P.I.; Topsfield	50, 20; 5	J. Murray; J. Brown	
26, 28	Lincoln, IRWS	3, 12	W. Petersen, R. Heil	
American Goldfinch				
6	Squantum	75	R. Abrams	
Evening Grosbeak				
1, 24-28	Stoughton, P.I.	1, 1-3	R. Titus, R. Heil + v. o.	
25; 27	Chatham; Lincoln	1; 1, 1	B. Nikula; S. Perkins, L. Seeckts	
29	Hanover	2	R. Titus	
House Sparrow				
28	S. Monomoy (unusual)	1	B. Nikula	

CORRIGENDUM TO JULY 1989 FIELD RECORDS (VOL. 17, NO. 6)

American Kestrel (page 325)				
4, 15	Salem, DWWS	6, 3	J. Brown, E. Taylor	
should read				
4, 15	Salem, DWWS	6, 3	I. Lynch, E. Taylor	

CORRIGENDUM TO AUGUST 1989 FIELD RECORDS (VOL. 17, NO. 6)

Lark Sparrow (page 340)				
26-27	Weston	1	L. Robinson + v. o.	
should read				
26-27	Weston	1	v. o.	

BIRD OBSERVER FIELD RECORDS

Bird Observer monthly field records represent observations from the ten counties of eastern Massachusetts (Essex, Middlesex, Worcester, Suffolk, Norfolk, Plymouth, Bristol, Barnstable, Duke, and Nantucket). Although space does not permit the inclusion of all sightings submitted, the compilers attempt to present sufficient data to document early and late dates for migratory species, maximum counts for migrants, and high or low numbers for the more common species and to note species outside of their normal ranges.

Please send eastern Massachusetts field records of any given month, no later than the 8th of the subsequent month, to Robert H. Stymeist, 98 Boylston Street, Watertown, MA 02172. The basic information that should be submitted is species name, date and place of observation, an accurate count or careful estimate, sex (if determinable), immature or adult plumage, vocalizations (if any), and observers. Species should be arranged in the current A.O.U. (American Ornithologists' Union) checklist order. Reports of species that can be difficult to identify should include details of the diagnostic characteristics observed or heard that led to the identification.

All field records received by *Bird Observer* are archived at the Massachusetts Audubon Society.

LIST OF ABBREVIATIONS

ad	adult	F.P.	Fresh Pond, Cambridge
b	banded	F.S.F.	Federation State Forest
br	breeding	G37 or 40	Gate 37 or 40, Quabbin
dk	dark (phase)	H.	Harbor
f	female	I.	Island
imm	immature	M.V.	Martha's Vineyard
ind	individuals	Mt.A.	Mount Auburn Cemetery, Cambridge
juv	juvenile	Nant.	Nantucket
loc	location	Newbypt	Newburyport
lt	light (phase)	P.I.	Plum Island
m	male	Pd	Pond
max	maximum	P'town	Provincetown
mi	mile	Quab.	Quabbin
migr	migrating	Res.	Reservoir
n	nesting	R.P.	Race Point, Provincetown
ph	photographed	S. Dart.	South Dartmouth
pl	plumage	S.N.	Sandy Neck, Barnstable
pr	pair	Stellw.	Stellwagen (Bank)
S	summer (1S = first summer)	BBC	Brookline Bird Club
thr	throughout	BOEM	Bird Observer of Eastern Massachusetts
v.o.	various observers	CBC	Christmas Bird Count
W	winter (2W = second winter)	CCBC	Cape Cod Bird Club
w/	with	DFWS	Drumlin Farm Wildlife Sanctuary
yg	young	DWWS	Daniel Webster Wildlife Sanctuary
#	additional observers	EMHW	Eastern Massachusetts Hawk Watch
A.A.	Arnold Arboretum	FCBC	Felix Cutler Bird Club
A.P.	Andrews Point, Rockport	GMNWR	Great Meadows National Wildlife Refuge
B.	Beach	IRWS	Ipswich River Wildlife Sanctuary
B.I.	Belle Isle, E. Boston	LCES	Lloyd Center for Environmental Studies
B.R.	Bass Rocks, Gloucester	MAS	Massachusetts Audubon Society
Buzz.	Buzzards Bay	MBO	Manomet Bird Observatory
C.	cape as in Cape Cod	MNWS	Marblehead Neck Wildlife Sanctuary
Cambr.	Cambridge	NEHW	New England Hawk Watch
Corp. B.	Corporation Beach, Dennis	ONWR	Oxbow National Wildlife Refuge
C.P.	Crooked Pond, Boxford	PRNWR	Parker River National Wildlife Refuge
E.P.	Eastern Point, Gloucester	SRV	Sudbury River Valley
F.E.	First Encounter Beach, Eastham	SSBC	South Shore Bird Club
F.H.	Fort Hill, Eastham	WBWS	Wellfleet Bay Wildlife Sanctuary
F.M.	Fowl Meadow	WMWS	Wachusett Meadow Wildlife Sanctuary