



FIELD RECORDS

APRIL 1989

by George W. Gove and Robert H. Stymeist

April 1989 was a bit on the cool side; the temperature averaged 45.9 degrees, 2.8 degrees below normal. No individual temperature records were broken, though the month's high of 66 degrees on April 27 tied with 1873 and 1888 for the lowest April maximum of record. The temperature of 31 degrees on April 23 was the third latest freeze in fifty-four years of official records at Logan Airport. Precipitation totaled 3.58 inches; the most in any twenty-four hours was 1.36 inches on April 15-16. Fog was more frequent than usual, and no thunder was heard. Southwest winds were recorded on April 3, 7, and 29. R.H.S.

LOONS THROUGH DUCKS

The April 2 Massachusetts Audubon Society/Take A Second Look (MAS/TASL) waterfowl census in Boston Harbor (East Point in Nahant to the Weir River in Hingham) included counts of 169 Horned Grebes, 57 Red-necked Grebes, 14 Snowy Egrets, 70 Black-crowned Night-Herons, 1987 Brants, 1241 American Black Ducks, 2946 Common Eiders, 565 Common Goldeneyes, 2227 Buffleheads, and 1890 Red-breasted Mergansers. In Hull, 200 Red-necked Grebes were noted on April 3; these numbers declined as the month progressed. A **Western Grebe** was seen in Hull for four days.

At the Westboro Great Blue Heron rookery, 23 active nests were noted. Tricolored Herons were seen in Scituate. In Ipswich 126 Glossy Ibises were seen feeding in a field on April 18. Later the same day, 120 were observed flying over Essex, and even later 55 were seen roosting on an island off Manchester. An immature **White Ibis** was seen in Weymouth; this bird had brown in the feathers and therefore was not one of the adult White Ibises seen during March in the Middleboro-Halifax area.

A adult "Blue" Snow Goose was seen with other Snow Geese in Sudbury, and "Eurasian" Green-winged Teals were noted in three locations with one continuing throughout the month in West Harwich. Three Harlequin Ducks noted in Scituate were holdovers from winter, as was a male seen in Winthrop. G.W.G.

DATE	LOCATION	NUMBER	OBSERVERS	APRIL 1989
Common Loon				
thr	Ipswich	1-16	D. Rimmer	
2, 18	Newburyport, P.I.	6, 10	BBC (S. Bolton), T. Aversa	
9, 25-30	Lakeville, Stoneham	1, 1 br pl	W. Petersen, T. Aversa	
Pied-billed Grebe				
1	Westboro, Quabbin (G41)	3, 1	E. Taylor, M. Lynch#	
4, 8	W. Newbury, Lexington	2, 2	T. Aversa, J. Heywood#	
16	Concord (Nine Acre Corner)	2	M. Hall	
Reports of individuals from 8 locations.				
Horned Grebe				
2, 9	Boston Harbor, N. Scituate	169, 30	MAS/TASL, G. d'Entremont	
11, 24	Hull-Scituate, Winthrop	51, 1 br pl	R. Forster, T. Aversa	
Red-necked Grebe				
2; 3, 27	Boston Harbor; Hull	57; 200, 15	MAS/TASL; P. Thayer	
11	Hull-Scituate	243	R. Forster	
Western Grebe				
9-12	Hull	1	T. + J. Cameron + v. o.	
Northern Gannet				
9, 11	Provincetown, Hull	75, 1	B. Nikula, P. Thayer	
Great Cormorant				
2, 9	Boston Harbor, N. Scituate	36, 35	MAS/TASL, G. d'Entremont	
2; 2, 9	Whitman; Lakeville	1; 2, 3	W. Petersen	
11	N. Scituate	53	T. Aversa	
Double-crested Cormorant				
2	Boston Harbor	62	MAS/TASL	
18, 23	P.I., Canton	150, 151	R. Stymeist#	

DATE	LOCATION	NUMBER	OBSERVERS	APRIL 1989
Double-crested Cormorant (continued)				
27	W. Bridgewater	75	K. Anderson	
American Bittern				
2-30, 8	P.I., Athol	1 or 2, 1	J. Center + v.o., E. Taylor	
29	Bolton	2 calling	R. Stymeist#	
Reports of individuals from 5 locations.				
Great Blue Heron				
2, 5	Boston Harbor, E. Boston	6, 30	MAS/TASL, D. Swanson	
9, 14	Newton, Westboro	3, 23 nests	O. Komar, S. Selesky	
19	PRNWR, Westport	6, 6	W. Drew#, R. Stymeist#	
30	Taunton	5 ad	B. Sorrie#	
Reports of individuals from 7 locations.				
Great Egret				
2, 5	Ipswich, E. Boston	1, 1	J. Berry, D. Swanson	
14, 18	Westport, Essex	6, 4	R. Stymeist#	
18-28	Middleboro	1	R. + B. Ekstrom + v. o.	
19, 27	S. Dart. (Allens Pd)	8, 7	LCES (J. Hill)	
Snowy Egret				
2, 2-23	Boston Harbor, Essex	14, 17 max 4/18	MAS/TASL, R. Stymeist# + v. o.	
3, 14	Hull	2, 12	P. Thayer	
18, 19-30	P.I., Ipswich	7, 3-5	R. Stymeist#, D. Rimmer	
Little Blue Heron				
7	Wayland	1 imm	R. Walton	
9, 22	P.I., Essex	1 ad, 2 ad	G. Gove#	
24, 27	E. Boston, S. Dart. (Allens Pd)	1, 1	T. Aversa, LCES (J. Hill)	
Tricolored Heron				
8-23	N. Scituate	1 ad	J. Flaherty + v. o.	
9-20	Scituate (Third Cliff)	1 or 2	S. Shapiro + v. o.	
Cattle Egret				
18-30	Ipswich	19 max 4/29	G. Gove# + v. o.	
5; 23, 24	Fitchburg; Chatham	1; 1, 1 dead	P. Debonis; B. Nikula#	
Green-backed Heron				
10, 26	Randolph, Wayland	1, 1	S. Higginbotham, R. Forster	
29	Mt. A.	1	v. o.	
Black-crowned Night-Heron				
2, 19	Boston Harbor, PRNWR	70, 60	MAS/TASL, W. Drew#	
17, 30	P.I., Brookline	2, 6	J. Brown, R. Stymeist#	
Glossy Ibis				
11, 16	P.I., Essex	7, 39	M. Argue#, W. Petersen	
18	Ipswich	126	R. Stymeist#	
24, 28	E. Boston, Essex	14, 22	T. Aversa, D. Rimmer	
White Ibis				
17	Weymouth (Grape I.)	1 imm	D. Breen (fide D. Clapp)	
Mute Swan				
thr	Hanson, P.I.	2 nests, 2-5	W. Petersen, v. o.	
14-30	Ipswich	2	D. Rimmer	
Snow Goose				
2-30	Newburyport-P.I.	13 max 4/17	R. Heil + v. o.	
4, 5	Ipswich, Sudbury	55, 67	D. Rimmer, R. Forster	
18	Rutland	125	B. Sorrie#	
"Blue" Snow Goose				
5	Sudbury	1 ad	R. Forster	
Brant				
thr	Ipswich	15-110	D. Rimmer	
2, 12	Boston Harbor, Eastham	1987, 380	MAS/TASL, T. Aversa	
7, 29	Quincy	780, 575	E. Taylor	
22-30	Newburyport	225 max 4/30	v. o.	
Canada Goose				
thr	P.I., Ipswich	300 max, 400 max	v. o.	
Wood Duck				
1, 2	New Braintree, Bolton	23, 15	M. Lynch#	
11, 29	IRWS, Natick	6, 3	J. Brown, E. Taylor	
Green-winged Teal				
thr	Middleboro	250 max 4/8	W. Petersen	
thr	Newburyport-P.I.	270 max 4/4	W. Drew# + v. o.	
"Eurasian" Green-winged Teal				
thr	W. Harwich	1 m	v. o.	
9, 17	Provincetown, Ipswich	1 m, 1 m	B. Nikula, R. Heil	
American Black Duck				
2	Boston Harbor	1241	MAS/TASL	

DATE	LOCATION	NUMBER	OBSERVERS	APRIL 1989
American Black Duck (continued)				
4, 19	PRNWR	100, 410	W. Drew#	
Mallard				
1, 2	New Braintree, Boston Harbor	84, 119	M. Lynch#, MAS/TASL	
Northern Pintail				
4, 19	PRNWR	20, 2	W. Drew#	
15, 18	Ipswich	8, 8	R. Stymeist#	
Blue-winged Teal				
thr	P.I.	30 max 4/22	v. o.	
28, 30	Topsfield, Halifax	13, 6	T. Aversa, W. Petersen	
Northern Shoveler				
2	Winthrop	1	MAS/TASL	
6, 17	Dartmouth, Middleboro	2 m, 2	J. Hill, W. Petersen	
9-29	P.I.	7 max 4/23	D. Chickering + v. o.	
Gadwall				
2-30	P.I.	16 max 4/19	W. Drew# + v. o.	
22	Ipswich	14	R. Stymeist#	
American Wigeon				
1, 5	New Braintree, Arlington	2, 13	M. Lynch#, T. Aversa	
22, 23	Mt.A., Topsfield	pr, pr	v. o., T. Prince	
Canvasback				
2, 10	Lakeville, Randolph	25, 4	W. Petersen, S. Higginbotham	
Redhead				
10	Randolph	2	S. Higginbotham	
Ring-necked Duck				
1, 2	Westboro, W. Newbury	40, 80	E. Taylor, BBC (S. Bolton)	
2, 23; 2	S. Hanson; Lakeville	25, 2; 50	W. Petersen	
9, 25	W. Newbury, Lynnfield	200, 2	R. Forster, T. Aversa	
Greater Scaup				
2, 9	Boston Harbor, Lakeville	497, 150	MAS/TASL, W. Petersen	
9, 22	Newburyport	110, 2	M. Lynch#	
Lesser Scaup				
2, 9; 24	Lakeville; W. Newbury	10, 8; 2	W. Petersen; R. Forster	
Common Eider				
2	Boston Harbor	2946	MAS/TASL	
Harlequin Duck				
9, 25	N. Scituate	3, 3	J. Flaherty, R. Abrams	
24	Winthrop	1 m	T. Aversa	
Oldsquaw				
9-23	Newburyport	800 max 4/9	M. Lynch# + v. o.	
Black Scoter				
2	Boston Harbor	1	MAS/TASL	
Surf Scoter				
2, 15	Boston Harbor, N. Monomoy	11, 75	MAS/TASL, B. Nikula#	
24	Hull	10	P. Thayer	
White-winged Scoter				
2	Boston Harbor	67	MAS/TASL	
22, 29	P.I., N. Scituate	700, 75	M. Lynch#, G. d'Entremont	
Common Goldeneye				
2	Boston Harbor	565	MAS/TASL	
9, 23	Newburyport	175, 2	M. Lynch#	
Barrow's Goldeneye				
9	Newburyport	1 m	M. Lynch#	
Bufflehead				
2	Boston Harbor	2227	MAS/TASL	
11, 19, 27	S. Dart. (Allens Pd)	33, 30, 17	LCES (J. Hill)	
29	E. Orleans	10	A. Williams	
Hooded Merganser				
1, 2	Quabbin (G41, G37)	2, 24	M. Lynch#	
2, 9	Halifax, Petersham	9, 10	W. Petersen, M. Lynch#	
Common Merganser				
thr	Stoneham	32 max 4/2	T. Aversa	
2; 5, 23	Squantum; Arlington	145; 34, 7	MAS/TASL; T. Aversa	
9, 17	Danvers, W. Newbury	14, 14	J. Brown	
Red-breasted Merganser				
thr	Ipswich	10-160	D. Rimmer	
2, 9	Boston Harbor, P'town	1890, 1500	MAS/TASL, B. Nikula	
12	N. Truro	1700	T. Aversa	

DATE	LOCATION	NUMBER	OBSERVERS	APRIL 1989
Ruddy Duck thr 2, 10	Arlington W. Newbury, Randolph	28 max 4/2 6, 40	T. Aversa + v. o. BBC (S. Bolton), S. Higginbotham	

VULTURES THROUGH ALCIDS

Turkey Vultures were seen at many locations with one flock of 29 birds in Barre. A pair of Cooper's Hawks was found nesting in Middleboro—an exciting event for the nest finder. Broad-winged Hawks put in a good appearance on April 29, especially on Cape Cod.

Piping Plovers seem to be holding their own on North Monomoy, where a maximum of 35 was counted. More surprising was a count of 24 at Crane Beach in Ipswich. American Oystercatchers returned to North Monomoy in their usual numbers. This was a good year for Common Snipes with a maximum of 300 in Middleboro and 150 in Newbury.

Little and Common Black-headed gulls were present in Newburyport, and Common Black-headed Gulls were also noted in Boston Harbor. A Lesser Black-backed Gull remained at Nine Acre Corner in Concord for at least the first week of April. Three Caspian Terns were noted at three locations this month, and Common Terns appeared on April 27 with 40 pair present at Bird Island in Buzzards Bay. Black Guillemots in breeding plumage were noted at Marblehead on April 18. G.W.G.

Turkey Vulture

2-22	Mt. Watic	15 max 4/21	EMHW
1, 2	Hardwick, Quabbin (G37)	3, 4	M. Lynch#
9	Barre, Westminster	29, 7	M. Lynch#, R. Stymeist#
9, 15	Provincetown, Princeton	6, 7	B. Nikula, S. Selesky
23	Milton	6	R. Stymeist#

Reports of from 1-5 birds from 22 locations.

Osprey

thr	S. Dart. (Allens Pd)	4 or 5	LCES (J. Hill)
2	Lakeville, Nantucket	pr at nest, 1 at nest	W. Petersen, M. Litchfield
17	Wachusett Mt.	23	EMHW
19	Westport	62	R. Stymeist#

Reports of from 1-3 birds from 10 locations.

Bald Eagle

1, 2	Quabbin (G41), (G37)	1 ad + 5 imm, 1 imm	M. Lynch#
2, 9	Lakeville	1 ad + 1 imm, 1 ad	W. Petersen
26	S. Carver	1 imm	A. Mason

Northern Harrier

1-29	P.I.	8 max 4/24	R. Forster + v. o.
14-28, 28	Ipswich, Mt. A.	1, 1	D. Rimmer, BBC (K. Griffis)
21-28	Reports of individuals from 4 locations.		

Sharp-shinned Hawk

2, 23	Middleboro, N. Scituate	3, 5 in 45 min	W. Petersen
17; 21, 29	Wachusett Mt.; Mt. Watic	37; 51, 163	EMHW
20, 29	Hull, E. Boston	12, 40	P. Thayer, S. Zende
29	P.I.	57	EMHW

Reports of individuals from 10 locations.

Cooper's Hawk

9, 29	Middleboro	1 ad, pr nesting	W. Petersen
9, 29	Westminster, N. Truro	1, 1	R. Stymeist#, B. Nikula

Reports of individuals from 10 locations.

Northern Goshawk

thr, 3	Boxford, Hingham	pr nesting, 1 f	J. Berry#, R. Fox
8, 30	Hanover, Belmont	1, 1 imm	W. Petersen, J. Heywood#

Red-shouldered Hawk

thr	E. Middleboro	pr nesting	K. Anderson
2, 8	Middleboro, Easton	4, 2	W. Petersen, K. Ryan
9, 15	Westminster, Boxford	2, 2	R. Stymeist#, J. Heywood#

Reports of individuals from 10 locations.

Broad-winged Hawk

15, 17	Quabbin (G40), Princeton	1, 3	M. Lynch#, R. Stymeist#
20, 29	Sudbury, Mt. A.	8, 3	R. Stymeist#, J. Gordon#
29	E. Boston, N. Truro	20, 60	S. Zende, W. Swift#
17-29	Reports of 1-3 birds from 12 locations.		

Red-tailed Hawk

thr	Ipswich	2 or 3	D. Rimmer
2, 23	Otis AFB, Falmouth	2, 2	P. Trimble

Rough-legged Hawk

9, 29	GMNWR, E. Boston	1, 1	BBC (D. + D. Oliver), S. Zende
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DATE	LOCATION	NUMBER	OBSERVERS	APRIL 1989
American Kestrel thr 2; 2, 23 22, 23; 27; 28, 29	Marlboro, Ipswich N. Middleboro Boston Harbor; Otis AFB P.I.	1 or 2, 1-4 pr 6; 3, 8 33, 24; 250; 20, 22	R. Graefe, D. Rimmer K. Holmes MAS/TASL; P. Trimble EMHW; J. Clifford; EMHW	
Merlin 2, 5 15, 18 24, 27 25, 29	Boston Harbor, Sudbury P.I. P.I. Essex, N. Truro	1, 1 1, 1 1, 7 1, 1	MAS/TASL, R. Forster M. Argue#, T. Aversa R. Forster, J. Clifford T. Aversa, B. Nikula	
Peregrine Falcon thr 2, 27 16, 23	Boston (Customs House) P.I. E. Boston, Ipswich	2 1, 3 1, 1 ad	v. o. J. Center, J. Clifford N. Smith, M. Lynch#	
Ring-necked Pheasant 2, 17-30 19	IRWS, Quincy S. Dart. (Allens Pd)	1, 2 4	H. Wiggin#, G. d'Entremont LCES (J. Hill)	
Ruffed Grouse 11, 15	Ipswich, Boxford	1, 3 drumming	J. Berry, R. Stymeist#	
Wild Turkey 2, 15 22	Barre, Quabbin (G40) Boxford	16, 1 1	M. Lynch# J. Berry#	
Northern Bobwhite 2, 22 5, 12 23, 24	Waltham, Middleboro DWWS, Eastham Halifax, Centerville	5, 5 12, 15 8, 16	L. Taylor#, G. d'Entremont T. Aversa W. Petersen, P. Trimble	
King Rail 27, 28	Rockland	1	fide W. Petersen	
Virginia Rail 17, 29 27, 28 29	Hamilton, IRWS Needham, Wayland Whitman	1, 2 1, 3 or 4 2	R. Heil D. Case, R. Forster W. Petersen	
Sora 21, 29	GMNWR, DWWS	1, 1	D. Morimoto, G. d'Entremont	
Common Moorhen 30	N. Scituate	1 dead	T. + J. Cameron	
American Coot 5, 11 12	Arlington, Scituate Plymouth	2, 1 100	T. Aversa T. Aversa	
Black-bellied Plover thr 15, 26 22-29	Ipswich N. Monomoy Newburyport	1-3 50, 100 6-10	D. Rimmer B. Nikula H. Wiggin + v. o.	
Lesser Golden-Plover 15, 21	N. Monomoy, Ipswich	1, 1	B. Nikula#, T. Leverich	
Piping Plover thr 2-24 2 11, 27	Ipswich (Crane Beach) N. Monomoy Nantucket, P.I. S. Dart. (Allens Pd)	4-24 35 max 4/15 3, 1 1, 6	D. Rimmer B. Nikula M. Litchfield, BBC (S. Bolton) LCES (J. Hill)	
Killdeer 1, 2 2, 4 5, 8	New Braintree, Bolton Otis AFB, Concord Arlington, Athol	10, 15 14, 21 8, 6	M. Lynch# P. Trimble, W. Petersen T. Aversa, M. Lynch#	
American Oystercatcher 2, 15 2, 20 19, 27	N. Monomoy Nantucket, M.V. S. Dart. (Allens Pd), Fairhaven	11, 28 3, 6 3, 2	B. Nikula M. Litchfield, D. Rimmer LCES (J. Hill), B. Blodgett	
Greater Yellowlegs 2-29 19, 27; 28	Newburyport S. Dart. (Allens Pd); Chatham	190 max 4/25 30, 7; 48	T. Aversa + v. o. LCES (J. Hill); B. Nikula	
Lesser Yellowlegs 9-29 23, 29	Newburyport Bridgewater	15 max 4/23 1, 3	R. Stymeist# + v. o. W. Petersen	
Willet 24, 27 30	P. I., S. Dart. (Allens Pd) Chatham	1, 3 49	R. Forster, LCES (J. Hill) B. Nikula	
Spotted Sandpiper 17, 29	Arlington, Newburyport	1, 1	T. Aversa, H. Wiggin#	

DATE	LOCATION	NUMBER	OBSERVERS	APRIL 1989
Upland Sandpiper				
18, 23	Newburyport, Ipswich	1, 1	K. Young#, M. Lynch#	
23, 28; 23	Otis AFB; E. Boston	2, 3; 1	P. Trimble; N. Smith	
25, 26	Essex, Concord	3, 1	T. Aversa, R. Walton	
29	Middleboro, Halifax	6, 2	T. + J. Cameron, W. Petersen	
Sanderling				
thr	Ipswich	3-14	D. Rimmer	
15, 26	N. Monomoy	300, 300	B. Nikula	
Pectoral Sandpiper				
29	Bridgewater	7	W. Petersen	
Purple Sandpiper				
11, 22	N. Scituate, P.I.	1, 2	T. Aversa, M. Lynch#	
Dunlin				
thr	Ipswich	11-45	D. Rimmer	
9-25	Newburyport	37 max 4/25	T. Aversa + v. o.	
15, 26	N. Monomoy	400, 200	B. Nikula	
Ruff				
22-25	Newburyport	1	fide R. Stymeist	
Short-billed Dowitcher				
29	Newburyport	1	D. Chickering	
Common Snipe				
1-17	Middleboro	300 max 4/17	W. Petersen	
2	Newbury	150	S. Perkins	
15, 18	Ipswich, Newburyport	45, 55	R. Stymeist#	
17	Essex, Newbury	75, 55	R. Heil, J. Brown	
American Woodcock				
thr	Ipswich	2-4	D. Rimmer	
2, 8	Bolton, Bridgewater	10, 4	M. Lynch#, W. Petersen	
21	P.I.	1	R. Stymeist#	
Laughing Gull				
1, 2	Newburyport, Winthrop	1, 1	H. Wiggin#, MAS/TASL	
19	New Bedford	28	R. Stymeist#	
Little Gull				
16-30	Newburyport	1-3, 3 ad br pl 4/22	v. o.	
Common Black-headed Gull				
9-23	Newburyport	3 or 4 (3 ad)	v. o.	
2-28	Boston Harbor	1 or 2	v. o.	
Bonaparte's Gull				
9, 23	Newburyport	20, 38	M. Lynch#	
Ring-billed Gull				
2	Arlington	135	L. Taylor#	
22, 24	Squantum, Lynn	250, 275	G. d'Entremont, J. Quigley	
Iceland Gull				
2, 19	N. Truro, Chatham	1, 1	B. Nikula	
9	Newburyport	1	M. Lynch#	
Lesser Black-backed Gull				
1-8	Concord (Nine Acre Corner)	1	R. Forster + v. o.	
Black-legged Kittiwake				
16	Rockport	60	W. Petersen	
Caspian Tern				
15	Carver	1	fide W. Petersen	
25, 27	Scituate, Plymouth	1, 1	R. Abrams, B. Howell	
Common Tern				
27	S. Dart. (Allens Pd), Marion	2, 40 pr	LCES (J. Hill), B. Blodget	
Dovekie				
24	Orleans	1 dead	E. Williams	
Black Guillemot				
18	Marblehead	3 br pl	R. Heil	

OWLS THROUGH GNATCATCHERS

A Common Barn-Owl was found roosting in an abandoned building on Deer Island during the final Boston Harbor Census of the season. A late Snowy Owl was still present at Logan airport on April 16, and another was at Race Point in Provincetown on April 20. On April 22, a Long-eared Owl was found in Hellcat Swamp where it remained all day for everyone to see and admire. The first Whip-poor-wills were back at Myles Standish State Forest on April 27.

Swallows arrived on schedule, and Purple Martins were investigating their boxes at Plum Island by the end of the month. About 600 American Crows were counted at the Framingham-Natick roost on April 21,

down from the 3000+ counted there before the nesting season. Three Fish Crow nests were found at Mount Auburn Cemetery in Watertown, and Common Ravens were located at various spots in the Quabbin area.

Winter Wrens were well reported during the month. Ruby-crowned and Golden-crowned kinglets peaked on April 18, after a southeast wind. Large numbers were seen at Mount Auburn Cemetery and Marblehead Neck Wildlife Sanctuary.

R.H.S.

DATE	LOCATION	NUMBER	OBSERVERS	APRIL 1989
Common Barn-Owl 2	Winthrop (Deer I.)	1	MAS/TASL	
Eastern Screech-Owl 8, 20-30 23-30	Arlington, Mt. A. Brookline	2, 1 1	L. Taylor#, C. Jackson + v. o. B. Rielly#	
Great Horned Owl thr, 5 8 12, 15 25	Ipswich, E. Middleboro Bridgewater, Middleboro Hanover, Quabbin (G41) Braintree	2, 1 4, 2 1, 1 1	J. Berry, K. Anderson W. Petersen R. Fox, M. Lynch# G. d'Entremont	
Snowy Owl 16, 20	Boston (Logan), P'town	1, 1	N. Smith, K. Jones#	
Barred Owl 1, 8 15, 30 6, 15	E. Middleboro Middleboro Easton, Boxford	1, 1 1, 1 2, 1	W. Petersen + v. o. D. Briggs K. Ryan, J. Heywood	
Long-eared Owl 22	P.I. (Hellcat)	1	W. Rasku + v. o.	
Short-eared Owl 2, 8 9, 26	Winthrop, Middleboro Minot, N. Monomoy	1, 1 1, 1	MAS/TASL, W. Petersen J. Flaherty, B. Nikula	
Northern Saw-whet 2	Nantucket (Shimmo)	2	M. Litchfield	
Whip-poor-will 27	Plymouth (Myles Standish)	2	G. d'Entremont#	
Chimney Swift 26, 29; 26 27 28	IRWS; Watertown Lawrence Milton, Wellesley	1, 6; 1 1 2, 3	R. Heil; K. Griffis V. Yurkunas B. Abrams, R. Forster	
Belted Kingfisher thr Reports of 1-3 individuals from many locations.	Mt. A.	pr nesting	A. Bennett + v. o.	
Red-bellied Woodpecker 29	Topsfield (B. Palmer)	1	BBC (J. Berry)	
Yellow-bellied Sapsucker 9, 10-22 17, 18 18 23, 25 29	Westminster, Quincy Quabbin (G40), Mt. A. MNWS, Newbury S. Dartmouth, P.I. E. Orleans, MNWS	1, 2 1, 1 8, 1 1, 1 1, 1	P. Westrom#, D. Brown# M. Lynch#, R. Stymeist# R. Heil, D. Chickering SSBC (K. Anderson), T. Aversa A. + E. Williams, R. Heil	
Downy Woodpecker 9	Braintree (Pond Meadow)	7	G. d'Entremont	
Hairy Woodpecker 15	Boxford (State Forest)	4	R. Stymeist#	
Northern Flicker 18 18, 22	P.I. Mt. A.	40 28, 40	J. Heywood# R. Stymeist, J. Clancy	
Pileated Woodpecker thr 2, 21 9, 15 26, 29	Milton, Westford Quabbin (G37), Petersham IRWS, Boxford Wayland, Topsfield	1, 2 1, 1 2, 2 1, 2	T. + J. Cameron, S. + D. Selesky M. Lynch# J. Brown, R. Stymeist# M. Hall, BBC (J. Berry)	
Eastern Phoebe 1, 15, 17 2; 15, 17 8, 9 14, 18; 14 15, 27 Other reports of 1-6 individuals from many locations.	Quabbin (G41) Quabbin (G37); (G40) Athol, P.I. Mt. A.; Needham Boxford, Westminster	12, 3, 9 9; 6, 5 14, 11 6, 7; 4 16, 27	M. Lynch# M. Lynch# E. Taylor, M. Lynch# C. Jackson#; D. Case R. Stymeist#, J. Heywood#	
Eastern Kingbird 29	MNWS	1	J. Smith	

DATE	LOCATION	NUMBER	OBSERVERS	APRIL 1989
Horned Lark				
1, 2	Quabbin (G37), Ipswich	34, 9	M. Lynch#, J. Berry	
2; 2, 23	Bridgewater; Otis AFB	50; 6, 34	W. Petersen; P. Trimble	
Purple Martin				
19	S. Dart. (Allens Pd)	1	LCES (J. Hill)	
23, 29	P.I.	3, 6	D. Chickering + v. o.	
24	Ipswich	2	R. Forster	
28, 29	IRWS, Hanson	1, 4	R. Heil, W. Petersen	
Tree Swallow				
1, 5, 10	Wayland (Hearde Pd)	30, 70, 300	R. Forster	
1; 2, 22	Westboro; P.I.	100; 4, 100+	E. Taylor; D. Chickering + v. o.	
2, 7	Quabbin (G37), (G41)	29, 70+	M. Lynch#	
5, 23; 8	Ipswich; GMNWR	1, 200+; 125+	J. Berry; R. Stymeist#	
9, 15	S. Hanson, Carver	250+, 60+	W. Petersen, D. Briggs#	
22, 28	Lynnfield, IRWS	450+, 270+	R. Stymeist#, R. Heil	
8-30	Reports from a wide area.			
N. Rough-winged Swallow				
9, 10	S. Hanson, Hull	2, 1	W. Petersen, P. Thayer	
15; 15, 22	Stoneham; Lynnfield	2; 2, 8	T. Aversa; R. Stymeist#	
21, 22	Old Furnace, Mt. A.	2, 2	M. Lynch#, R. Peterson#	
23, 30; 23	Ipswich; Waltham	4, 4; 2	J. Berry; R. Stymeist#	
29	Whitman, Woburn	1, 2	W. Petersen#, M. Hall	
Bank Swallow				
19, 21	Wayland, New Braintree	3, 2	R. Forster, M. Lynch#	
28, 29	IRWS, P.I.	15, 2	R. Heil, H. Wiggin#	
Cliff Swallow				
7, 19	Wayland, Wayland (Hearde Pd)	1, 1	R. Forster	
22, 28	W. Newbury, IRWS	1, 1	G. Gove#, R. Heil	
Barn Swallow				
9	W. Newbury, Westminster	1, 1	R. Forster, R. Stymeist	
9, 17	Concord, P.I.	1, 1	R. Stymeist, R. Heil	
18; 19, 23	Hyannis; Wayland	2; 4, 30	P. Trimble; R. Forster	
22, 28	Lynnfield, IRWS	22, 23	R. Stymeist#, R. Heil	
20-30	Reports of 1-4 individuals from many areas.			
American Crow				
21	Framingham-Natick	600 (roost)	E. Taylor	
Fish Crow				
thr	Mt. A.	6-8 (3 nests 4/30)	R. Stymeist + v. o.	
1, 2, 12	W. Newton	1, 1, 1	T. Kuklinski	
9	Waltham	2	R. Stymeist	
11-30, 17	Hanson, Middleboro	2, 1	W. Petersen, D. Briggs	
27	Boston (Franklin Park)	2	T. Aversa	
Common Raven				
1, 15	Quabbin (G41), (G40)	2, 2	M. Lynch#	
15, 21	Barre, Petersham	1, 1	M. Lynch#	
Black-capped Chickadee				
thr	Quabbin (G41)	54 max 4/1	M. Lynch#	
2	Quabbin (G37)	39	M. Lynch#	
21	Petersham	32	M. Lynch#	
Red-breasted Nuthatch				
thr	Quabbin (G41)	12 max 4/1	M. Lynch#	
2	Quabbin (G37)	6	M. Lynch#	
2, 8	IRWS, Boxford	2, 1	H. Wiggin#, G. d'Entremont	
17, 21	Quabbin (G40), Petersham	6, 3	M. Lynch#	
White-breasted Nuthatch				
1, 2	Quabbin (G41), (G37)	5, 7	M. Lynch#	
Brown Creeper				
thr	Boxford, Quabbin (G41)	4-6, 2-6	R. Stymeist + v. o., M. Lynch#	
Carolina Wren				
thr	Ipswich, E. Orleans	1, 1	J. Berry, E. Williams	
2	Randolph	1	G. d'Entremont	
6, 14	Easton	1, 2	K. Ryan	
12-30	Needham	1	D. Case	
19	S. Dart., Westport	15, 8	R. Stymeist, J. Heywood	
30	Brookline	3	BBC (R. Stymeist)	
House Wren				
30	Brookline	1	BBC (R. Stymeist)	
Winter Wren				
thr	Boxford (C.P.)	3 singing m	v. o.	
2, 17	Quabbin (G37), (G40)	2, 2	M. Lynch#	

DATE	LOCATION	NUMBER	OBSERVERS	APRIL 1989
Winter Wren (continued)				
2	Princeton (Wachusett Mt.)	1	J. Gordon#	
8	Milton	1 or 2	G. d'Entremont	
9	N. Scituate, Braintree	1, 1	G. d'Entremont	
10, 17	Quincy, Westminister	1, 1	D. Morimoto, R. Stymeist#	
17, 18	Hamilton, MNWS	2, 4	R. Heil	
20, 22	Sudbury, Petersham	1, 3	R. Forster, M. Lynch#	
22	Melrose	1	C. Jackson	
23	Milton, P.I.	1, 1	R. Stymeist#, D. Chickering	
28, 29	Weston, P'town	1, 1	D. Morimoto, B. Nikula	
Golden-crowned Kinglet				
1, 7, 15	Quabbin (G41)	5, 1, 4	M. Lynch#	
5; 9, 22	Ipswich; P.I.	5; 30, 2	J. Berry; M. Lynch#	
14, 18	Mt. A.	25, 35	C. Jackson, R. Stymeist	
17, 18	Hamilton, MNWS	15, 80	R. Heil	
Ruby-crowned Kinglet				
2	Concord, IRWS	1, 2	R. Forster, L. Taylor#	
5, 8	Bridgewater, Melrose	1, 1	K. Holmes, C. Jackson	
9-30	P.I.	28 max 4/29	D. Chickering + v. o.	
9-30	Mt. A.	65+ max 4/18	R. Stymeist + v. o.	
18, 21	MNWS, Petersham	50, 36	R. Heil, M. Lynch#	
22, 28, 29	Provincetown	8, 15, 60	B. Nikula	
25, 28	Milton, IRWS	35, 22	R. Stymeist#, R. Heil	
Blue-gray Gnatcatcher				
9, 12	Braintree, Needham	1, 1	G. d'Entremont, D. Case	
14, 26	Mt. A., IRWS	1, 4	C. Jackson, R. Heil	
28, 29; 29	P'town; Waltham	1, 2+; 1	B. Nikula#; L. Taylor	
30	Milton, Brookline	1, 1	P. O'Neill, R. Stymeist	

THRUSHES THROUGH WARBLERS

Bluebirds were well reported; over 60 individuals were seen across eastern Massachusetts, compared with 25 birds in April 1988. These sightings follow good numbers noted in March 1989 and give us hope for a successful breeding year in the state. On April 18, over 70 Hermit Thrushes were tallied at Marblehead Neck Wildlife Sanctuary—23 individuals were in view at one time. A well-described Loggerhead Shrike was reported from Athol on April 6.

Very discouraging was the observation of a European Starling evicting a Northern Flicker from a tree hole at Quabbin. Most starlings at Quabbin are seen flying over, and nesting there has been rare.

Early spring migrants included a White-eyed Vireo and a Black-and-white Warbler after a southwest wind on April 8 and a Northern Parula, a Northern Waterthrush, and a Hooded Warbler after a southeast wind on April 18. A total of eleven species of warblers was reported this April, two less than in April 1988, but more than the seven seen in April 1987. R.H.S.

Eastern Bluebird

thr	Westminister (High Ridge)	14 max 4/17	R. Stymeist# + v. o.
thr	E. Middleboro, Quabbin (G41)	3+ pr, pr	K. Anderson, M. Lynch#
1, 3	Peabody, Saugus	2, 2	R. Heil, F. Duffy
7, 8; 8	Easton, Raynham; Athol	1, 2; 8	K. Ryan; M. Lynch#
9, 10	Topsfield, Acton	1, 2	J. Brown, S. Whitcomb
12, 15	Sudbury, Milton	1, 1	R. Forster, E. Taylor
16, 17	Waltham, Quabbin (G40)	2, 8	R. Stymeist#, M. Lynch#
18, 20	Rutland, Danvers	1, 1	B. Sorrie, J. Brown
20, 23	Mansfield, Falmouth	1, 2	K. Ryan, P. Trimble
27, 28	Braintree, IRWS	2, 2	M. Brown, R. Heil
Hermit Thrush			
2, 9	E. Middleboro, W. Newbury	1, 1	K. Anderson#, R. Forster
12, 15	Eastham, Boxford	2, 5	T. Aversa, R. Stymeist#
15, 17	Quabbin (G40), (G41)	5, 5	M. Lynch#
18	Mt. A., MNWS	9, 70	A. Bennett#, R. Heil
22	Wachusett Reservoir	5	S. Selesky
23	Falmouth; Milton, Waltham	3; 9, 7	P. Trimble; R. Stymeist#
18-30	Reports of 1 or 2 individuals from many areas.		
American Robin			
1	Hardwick-New Braintree	800+	M. Lynch#
2, 23	Otis AFB	95, 120	P. Trimble
8, 16	Athol, P.I.	70+, 56	M. Lynch#, S. Moore

DATE	LOCATION	NUMBER	OBSERVERS	APRIL 1989
Gray Catbird				
19	S. Dartmouth	2	R. Stymeist#	
28	IRWS, Wayland	2, 1	R. Heil, R. Forster	
Brown Thrasher				
18, 19	MNWS, S. Dartmouth	2, 1	R. Heil, R. Stymeist#	
26, 29	Waltham, P.I.	2, 1	L. Taylor, D. Chickering	
Water Pipit				
4, 28	Halifax, Topsfield	1, 1	R. Forster#, T. Aversa	
Cedar Waxwing				
8-9	Ipswich	25-30	J. Berry#	
Loggerhead Shrike				
6	Athol	1	S. Price + v. o.	
European Starling				
15	Quabbin (G40)	1 at nest hole	M. Lynch#	
White-eyed Vireo				
9	Acoaxet	1	H. D'Entremont	
Solitary Vireo				
19, 21	Quabbin (G40), Petersham	2, 3	T. Aversa, M. Lynch#	
22	Mt. A., Boxford	1, 2	J. Sisson, J. Berry#	
29, 30	P'town, Brookline	3, 9	B. Nikula, BBC (R. Stymeist)	
Northern Parula				
19	Mt. A.	1	C. Jackson	
Yellow Warbler				
28	S. Dartmouth	1	J. Hill	
Yellow-rumped Warbler				
thr	Ipswich (Crane Beach)	3-14	D. Rimmer	
2	Middleboro	1	SSBC (W. Petersen)	
9, 29; 15	P'town; Quabbin (G40)	30, 50; 1	B. Nikula; M. Lynch#	
18	Mt. A., Middleboro	5, 4	R. Stymeist, K. Holmes	
18, 26	Wayland (Heards Pd)	12, 80	R. Forster	
18-30	Reports from a wide area.			
Black-throated Green Warbler				
28, 29	IRWS, Boxford	1, 1	R. Heil, K. Griffiths#	
Pine Warbler				
thr, 2	E. Middleboro, Falmouth	2 or 3, 2	K. Anderson, P. Trimble	
7	Pembroke, Framingham	4, 1	W. Thomas, R. Forster	
7, 8	Lincoln, Easton	1, 3	L. Balcanoff, K. Ryan	
10	Sandwich, Ipswich	4, 1	K. Anderson, D. Rimmer	
14, 15	N. Middleboro, Boxford	3, 2	K. Holmes, J. Heywood#	
19	Fall River (Watuppa)	27	R. Stymeist#	
23	Falmouth (Crane Wildlife Mgmt. Area)	20	P. Trimble	
15-30	Reports of 1-5 individuals from a wide area.			
Palm Warbler				
9; 15, 17	Westminster; Quabbin (G40)	2; 1, 3	R. Stymeist#; M. Lynch#	
18	Mt. A., IRWS, S. Boston	1, 23, 4	A. Bennett, T. Aversa, M. Hall	
21, 22	Petersham, Boxford	10, 9	M. Lynch#, J. Berry#	
26, 29	Wayland, P'town	23, 15	R. Walton, B. Nikula#	
22-30	Many other reports of 1 or 2 individuals.			
Black-and-white Warbler				
9, 22	P.I., Easton	1, 2	J. Hepburn#, K. Ryan	
28	Wayland, Wellesley	1, 1	R. Forster	
29	Waltham, IRWS	2, 3	L. Taylor, R. Heil	
29, 30	Boston, Middleboro	2, 1	T. Aversa, W. Petersen	
Northern Waterthrush				
19, 28	Fall River, IRWS	1, 1	R. Stymeist#, R. Heil	
29, 29-30	Woburn, Mt. A.	1, 1	R. Stymeist#, M. Hall	
29-30	Brookline (Halls Pd)	2	R. Stymeist#	
Louisiana Waterthrush				
9-30	Boxford (C.P.)	2+	v. o.	
14-15, 15-17	Quincy, Quabbin (G41)	1, 1	G. d'Entremont, M. Lynch#	
18, 21	MNWS, Petersham	2, 1	R. Heil, M. Lynch#	
Common Yellowthroat				
7, 30	Saugus, Middleboro	1, 1	C. Jackson, W. Petersen	
Hooded Warbler				
22-25	Mt. A.	1 f	v. o.	

BUNTINGS THROUGH FINCHES

Interesting spring feeder birds included a male Indigo Bunting in Manchester and a Northern Oriole in Wenham. Unusual for spring was a report of a male Lark Bunting in Orleans. American Tree Sparrows lingered through April 24, and Fox Sparrows were found in seven locations.

Purple Finches returned after their absence this past winter and were noted at fourteen locations. Only one Pine Siskin was reported. Evening Grosbeaks were seen at several locations in Worcester County. R.H.S.

DATE	LOCATION	NUMBER	OBSERVERS	APRIL 1989
Indigo Bunting 9-10	Manchester	1 m	Mrs. Cutler	
Lark Bunting 28-30	Orleans	1 m	L. Brown, E. J. Fisk	
Rufous-sided Towhee 17, 18	S. Hanson, Middleboro	1, 1	W. Petersen, D. Briggs	
19	Fall River, S. Dartmouth	10, 8	J. Heywood#, R. Stymeist#	
23, 27	Waltham, Quincy	3, 3	R. Stymeist#, G. d'Entremont	
29, 30	Acton, P.I.	1, 3	R. Forster, G. d'Entremont#	
American Tree Sparrow 9	Topsfield, Westminster	1, 4	J. Brown, P. Westrom#	
13	Newton, Wellesley	6, 1	O. Komar, R. Forster	
21, 24	Quincy, Lexington	1, 1	G. d'Entremont, C. Floyd	
Chipping Sparrow 4, 9	Brookline, Westminster	1, 3	H. Wiggin, R. Stymeist#	
21, 22	Old Furnace, Weston	1, 3	M. Lynch#, D. Morimoto	
Field Sparrow 7, 8	Holden, Athol	1, 1	M. Lynch#	
11, 13	Canton (F.M.), Brookline	1, 1	T. Aversa, H. Wiggin#	
23	Otis AFB	4	P. Trimble	
Vesper Sparrow 10, 17	Westminster (2 locations)	1, 1	R. Stymeist#	
21, 22	Newburyport, Easton	1, 2	T. Leverich#, K. Ryan	
Savannah Sparrow 1, 29; 2, 20	Newton; Bolton Flats	1, 13; 8, 34	O. Komar#; M. Lynch#	
22, 24	Middleboro, Mt. A.	25, 8	G. d'Entremont, A. Bennett	
Fox Sparrow 1, 2	Quabbin (G41), (G37)	6, 1	M. Lynch#	
2, 5	P.I., Cambridge (F.P.)	5, 1	S. Perkins, T. Aversa	
7; 18, 22	Pembroke; Mt. A.	1; 1, 1	W. Thomas; R. Stymeist#	
20	ONWR	1	M. Lynch#	
Song Sparrow thr	Ipswich (Crane Beach)	1-34	D. Rimmer	
9	P.I.	54	M. Lynch#	
Swamp Sparrow 4, 5	Needham, Cambridge	2, 1	D. Case, T. Aversa	
18, 20	GMNWR, Bolton Flats	6, 6	R. Forster, M. Lynch#	
White-throated Sparrow 29	Milton, P'town	15, 50+	E. Taylor, B. Nikula	
Dark-eyed Junco 1, 7, 17	Quabbin (G41)	27, 22, 12	M. Lynch#	
Lapland Longspur 1, 23	Middleboro, Otis AFB	15, 2	W. Petersen, P. Trimble	
Snow Bunting 3, 22	Ipswich (Crane B.), Ipswich	10, 1	D. Rimmer, G. Gove	
23	S. Dartmouth	1	SSBC (K. Anderson)	
Red-winged Blackbird 2, 8, 22	Bolton Flats, Athol, P.I.	75+, 60+, 25+	M. Lynch#	
Eastern Meadowlark 1; 2, 17	New Braintree; Marlboro	3; 5, 7	M. Lynch#; R. Graefe	
7, 8	DWWS, Athol	14, 5	D. Clapp, M. Lynch#	
23, 30	W. Newbury, Taunton	4, 5	M. Lynch#, B. Sorrie#	
Yellow-headed Blackbird 29	P.I.	1 f	E. Salmela	
Rusty Blackbird 1, 2	Middleboro, IRWS	3, 17	W. Petersen, L. Taylor#	
7, 9	Stoneham, Wenham	3, 2-4	T. Aversa, J. Berry	
10, 17	Westminster (High Ridge)	17, 7	R. Stymeist#	
14, 29	Wayland, P'town	25, 4	R. Forster, B. Nikula	
Brown-headed Cowbird 1, 8	New Braintree, Athol	30+, 20+	M. Lynch#	

DATE	LOCATION	NUMBER	OBSERVERS	APRIL 1989
Northern Oriole 20-30	Wenham	1	B. Barnard	
Purple Finch 2, 15, 17	Quabbin (G37), (G41), (G40)	1, 1, 2	M. Lynch#	
1, 8	E. Middleboro, Hanson	2, 1	K. Anderson, W. Petersen	
9; 10, 17	Wenham; Westminster	1; 3, 5	J. Berry; R. Stymeist#	
11, 15	Canton (F.M.), Boxford	1, 2	T. Aversa, J. Heywood#	
18	Mt. A., Rutland (2 locations)	1, 2	R. Stymeist#, B. Sorrie	
21, 25	Petersham, P.I.	2, 5	M. Lynch#	
House Finch 15	Quabbin (G40)	pr	M. Lynch#	
Pine Siskin 11	Brookline	1	H. Wiggim	
Evening Grosbeak 1, 7, 15, 17	Quabbin (G41)	2, 1, 8, 11	M. Lynch#	
2, 8	Quabbin (G37), Athol	4, 10	M. Lynch#	
10; 15, 17	Westminster; Quabbin (G40)	27; 4, 2	R. Stymeist#; M. Lynch#	
21	Petersham, Middleboro	1, 1	M. Lynch#, D. Briggs	

CORRIGENDUM TO DEC./JAN./FEB. FIELD RECORDS (VOL. 17, NO. 3)

Tufted Duck (page 142) 12/17-2/28	Sandwich area	1 m	CBC (E. Nielsen#) + v. o.
should read 12/17-2/28	Sandwich area	1 m	CBC (B. Sorrie, E. Nielsen#) + v. o.

Calling all birders

MASSACHUSETTS BIRDERS' MEETING

Sponsored by the Massachusetts Audubon Society
in conjunction with
the Allen Bird Club of Springfield and
the Hampshire Bird Club of Amherst

SATURDAY NOVEMBER 18, 1989

8:30 A.M. - 4:00 P.M.

at the Laughing Brook Wildlife Sanctuary
in Hampden, MA

Please join us for a
day of bird-related information,
discussion, and camaraderie.
A buffet lunch will be provided.

To register, send a check in the amount of \$15 payable to
Massachusetts Audubon Society, c/o Conservation Department,
South Great Road, Lincoln, MA 01773.

For further information, call 617-259-9500, ext. 7401 or ext. 7407.



Eastern Massachusetts Hawk Watch

The fall 1989 hawk migration should give birders in the state excellent opportunities to see significant numbers of hawks in good variety. The Eastern Massachusetts Hawk Watch (EMHW) will attempt to monitor portions of this flight.

The EMHW will maintain a consecutive-day watch on the summit of Wachusett Mountain in Princeton from September 1 through October 9, continuing on all weekends through November 26 if the number of volunteer observers permits. Help is especially critical for weekdays at Wachusett from September 18 through October 9, the period when accipiters and some of the larger buteos are best seen.

The EMHW will also conduct coordinated hawkwatches on the weekends of September 9-10, 16-17, 23-24, and October 28-29. Volunteers are needed to report the level of hawk migration activity from any site on any of the coordinated weekend dates. Select a site near your home or contact the EMHW coordinator for recommendations as to the best sites available for coverage.

You don't have to be an expert to participate and report. Reporting the number of hawks seen—not identifying every one of them—is the critical requirement. If you would like, the EMHW coordinator can team you with a more experienced hawkwatcher at any of a number of sites across the eastern half of the state, from Cape Cod to the Connecticut River.

Volunteers are needed for all dates. We also appreciate any hawkwatch reports for any other dates or sites in eastern Massachusetts or Rhode Island, with special emphasis on the second and third weeks of September.

If you would like to participate or require more information, please contact:

Paul Roberts, 254 Arlington Street, Medford, MA 02155.

Telephone: 617-483-4263 (after 8:00 P.M.).

If you would like more information on hawkwatching in eastern Massachusetts, including a copy of the Fall 1988 Eastern Hawk Watch Report, please write to Paul Roberts at the address above and include \$1.50 to help defray costs. The information packet includes two fliers: "Why People Watch Hawks" and "Where to Watch Hawks in Eastern Massachusetts."

Additional materials are also available from Paul at the address above. These include a six-page silhouette guide to the hawks of the northeast (\$1.70), a sixteen-page silhouette guide to the hawks of North America (\$2.65), and a sixteen-page *Beginner's Guide to Hawkwatching* (\$1.25). All prices include postage; checks should be made payable to the Eastern Massachusetts Hawk Watch.