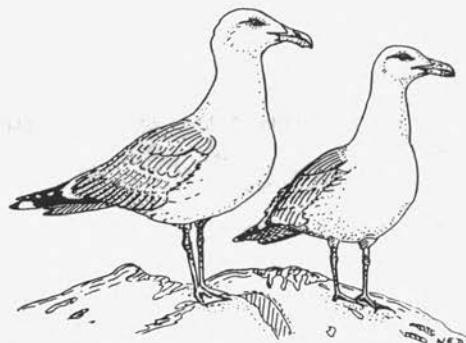


## BIRD SIGHTINGS

APRIL 1992

## SUMMARY



by Glenn d'Entremont, Marjorie W. Rines, and Robert H. Stymeist

April 1992 was a very poor migration month, with only three days of southwest winds: the 9th, 14th, and 21st. It was cold and dry, with more sunshine than usual. Foliage was delayed due to the cold weather and the long periods of easterly winds, especially the last half of the month, when fog was frequent and east or northeast winds were noted nearly every day from April 16-28. The temperature averaged 46.4 degrees, 2.3 degrees below normal, making this the second cold month in a row. The high mark was 76 degrees on April 23, the low was 31 degrees on April 13 and 14. Rainfall totaled 2.34 inches, 1.39 inches less than average. A total of 1.0 inch of snow fell, bringing the total for the season to 22.0 inches, 18.2 inches less than normal.

R. H. S.

### LOONS THROUGH RAPTORS

Over 2,200 Red-throated Loons were officially counted in Nantucket on the 29th, twice any previous state high count. The observers noted that the total number present may have been closer to 4,000 birds on April 19, when they first reported rafts all along the south shore of Nantucket. The Arctic/Pacific Loon, first noted January 3 at Race Point in Provincetown, was last seen on April 24. Five Pied-billed Grebes were tallied on Plum Island on April 14, and in Boston, at Forest Hills Cemetery, a pair of Pied-billed Grebes were calling near a small reed island on the pond within 15 feet of shore. Off Hull as many as 277 Red-necked Grebes were counted early in the month, with many in breeding plumage. Following a strong easterly wind on April 11, over 2,000 Northern Gannets were noted off Provincetown.

Great Blue Herons, rare breeders in Plymouth County, established a new colony in Lakeville, where 4 nests were observed. A Tricolored Heron was found at Fort Hill in Eastham where it remained for eight days. In Essex County 107 Glossy Ibis were tallied in the Ipswich area on April 26.

Three adult Tundra Swans were observed flying over Norfolk on April 1, and Snow Geese were also moving early in the month. A Tufted Duck was found on White Island Pond in Plymouth on April 19, where it remained through April 26. It was a much better spring for Northern Shoveler reports, with 14 individuals noted compared with just 4 last April.

Ospreys were fairly well established in the Westport area early in the month: 125 individuals were tallied there on April 5. Hurricane Bob and the 1991 Halloween storm did a lot of damage to the nesting platforms on the east branch of the Westport River. Many of the birds were perched on the ground next to the damaged nests. On the west branch all the nests were occupied except one that was tipped due to the storm. Good numbers of accipiters were reported from a wide area, and Northern Goshawks were found nesting in a few areas. The total of 568 Broad-winged Hawks at Wachusett Mountain April 23 was almost twice the previously reported high for Broadwings in eastern Massachusetts in the spring. The previous high was 299 birds at Wachusett on April 23, 1988. Many Merlins were seen on Plum Island. On the 26th, a Merlin flew under a car in hot pursuit of a Mourning Dove. The birders in the car could "feel" the birds flopping around, and then the dove escaped, chased by the Merlin. The flight of 244 American Kestrels at Plum Island on April 23 was the third highest American Kestrel count ever reported in Massachusetts. The Peregrine Falcons were again nesting on the Custom House in Boston, establishing the sixth year of nesting in the city. R. H. S.

#### Red-throated Loon

thr, 8	P'town, Orleans	15 max 4/12, 9	G. d'Entremont + v. o., T. Aversa
12, 14	Westport, Eastham	25, 148	R. Abrams, K. Jones
26, 29	P.I., Nantucket	9, 2200	M. Lynch, B. Perkins

#### Common Loon

thr, 4	P'town, P.I.	80 max 4/18, 12	K. Jones + v. o., BBC (G. Gove)
12, 19	Cape Cod Bay, Danvers	154, 5	M. Gooley, J. Brown
25, 26	Clinton, Lakeville	6, 2	M. Lynch, W. Petersen

DATE	LOCATION	NUMBER	OBSERVERS	APRIL 1992
Arctic/Pacific Loon (from January)				
1-24	Provincetown (R.P.)	1 or 2	v. o.	
Pied-billed Grebe				
4, 11	Bolton, Hanson	1, 1	H. Merriman, W. Petersen	
14, 15	P.I., Wayland	5, 1	W. Drew, S. Arena	
15, 16	Plympton, Lincoln	1, 1	K. Anderson, C. Leahy	
18, 25	Milton, Clinton	1, 2	G. d'Entremont, M. Lynch	
25, 25-30	Holden, Boston	1, pr calling	M. Lynch, R. Stymeist + v. o.	
Horned Grebe				
4	P.I., Hull	4, 42	BBC (G. Gove), R. Abrams	
5, 19	S. Dartmouth, Marblehead	5, 2	M. Boucher, J. Brown	
25; 26	Boylston; Winthrop, Revere	2; 2, 3	R. Bradbury; R. Stymeist	
Red-necked Grebe				
4	Hull, Gloucester	277, 26	R. Abrams, S. Arena	
4, 8	P.I., P'town (R.P.)	2, 6	BBC (G. Gove), K. Jones	
14, 19	Winthrop, Cambridge (F.P.)	36, 1	T. Aversa, S. Perkins	
20, 25	Whitinsville, Plymouth	1, 5	R. Bradbury, G. d'Entremont	
Northern Gannet				
thr, 8	P.I., 3-21 miles off Hull	12 max, 150	v. o., R. Abrams	
12	Provincetown, Cape Cod Bay	2,000+, 16	T. Raymond, M. Gooley	
25	Plymouth	2+	G. d'Entremont	
Great Cormorant				
3, 4	Lakeville, Gloucester	12, 9	R. Abrams, S. Arena	
5, 12	Newburyport, Outer Cape Cod	2 imm, 19	J. Berry, BBC (R. Stymeist)	
12, 25	Provincetown, Plymouth	25, 11	G. d'Entremont	
Double-crested Cormorant				
4, 18	Newburyport	1, 155	BBC (G. Gove), BBC (S. Moore)	
26	Newburyport	2500	BBC (S. Charette)	
7, 14, 25	Clinton	1, 3, 241	R. Bradbury, H. Merriman, M. Lynch	
12, 21	Outer Cape Cod, Mashpee	25, 20	BBC (R. Stymeist), P. Trimble	
25, 26	S. Boston, Mystic Lakes	375, 60	M. Hay, L. Taylor	
American Bittern				
2-23, 14	Nantucket, Bolton	1, 1	E. Andrews, R. Bradbury	
18-20	P.I./Newburyport	4 max 4/18	BBC (S. Moore) + v. o.	
28	E. Middleboro	1	K. Anderson	
Great Blue Heron				
thr	P.I., Mt. A.	4 or 5, 1 or 2	v. o.	
1, 19	Norfolk, Worcester	34 nests, 6	B. Cassie, M. Lynch	
26, 30	Lakeville, Westboro	4 nests, 18	W. Petersen, E. Taylor	
Great Egret				
2, 5	GMNWR, Westport	1, 8	S. Perkins, R. Stymeist	
18, 20	Newburyport/P.I., Rowley	21, 2	BBC (S. Moore), J. Brown	
20	Ipswich/Essex	7	S. Perkins	
Snowy Egret				
4, 19	Hull, Quincy	5, 10	R. Abrams, E. Taylor	
20	P.I., Rowley	9, 12	W. Drew, J. Brown	
20, 21	Ipswich/Essex, Mashpee	20, 3	S. Perkins, P. Trimble	
Little Blue Heron				
8, 25; 20	Squantum; Essex	1, 1; 3	K. Ryan, G. d'Entremont; S. Sweet	
25, 26	Dorchester, Westport	1, 1	G. d'Entremont, M. Boucher	
Tricolored Heron				
5-12	Eastham (F.H.)	1	S. Perkins + v. o.	
Cattle Egret				
22, 26	Ipswich	2, 7	T. Young, M. Lynch	
23	Wenham	2	C. Leahy	
Green-backed Heron				
11, 28	S. Dartmouth, Boston	1, 1	T. Raymond, K. Hudson	
30	Lakeville	1	K. Holmes	
Black-crowned Night-Heron				
20, 21	E. Boston, Mashpee	37, 2	L. Rogers, P. Trimble	
18, 26	P.I.	1, 5	M. Argue, M. Lynch	
22, 30	Ipswich, S. Dartmouth	2, 1	T. Young, M. Boucher	
Glossy Ibis				
8-30, 12	Squantum, Middleboro	26 max, 4	D. Brown + v. o., T. Cameron	
14-30, 16	E. Boston, Revere	20 max, 8-10	L. Rogers + v. o., J. Berry	
22-23, 24	Southboro, Concord (N.A.C.)	2, 1	D. Greenberg, S. Perkins	
16-30	Essex/Ipswich	107 max 4/26	M. Lynch + v. o.	
Mute Swan				
5	Westport, New Bedford	72, 22	R. Stymeist	
Tundra Swan				
1	Norfolk	3	B. Cassie	

DATE	LOCATION	NUMBER	OBSERVERS	APRIL 1992
Snow Goose 1, 4 4, 5 20, 21	Sudbury, Middleboro Newburyport/P.I., Salisbury Ipswich, N. Monomoy	230, 85 202, 360 1, 1	S. Perkins, A. Hirschkop BBC (G. Gove), P. Roberts J. Hoye, B. Nikula	
Brant 11, 18 18, 19 19, 26	Squantum, P.I./Newburyport Duxbury, Plymouth Quincy, E. Boston (B.I.)	500, 115 350, 100 300, 160	G. d'Entremont, BBC (S. Moore) W. Petersen, K. Anderson E. Taylor, R. Stymeist	
Canada Goose thr	P.I.	220 max 4/6	W. Drew	
Wood Duck thr 8, 9-10 11, 12 12 12, 18	E. Middleboro, GMNWR W. Bridgewater, Mt. A. Petersham, Bolton Sudbury, N. Dartmouth Wayland, Millis	10 max, 35 max 22, 1-4 5, 50 14, 2 pr 12, 5	K. Anderson, S. Perkins G. d'Entremont, v. o. BBC (M. Lynch), M. Lynch S. Perkins, M. Boucher BBC (S. Arena), P. Iarrobino	
Green-winged Teal thr thr, 1 1-24, 12 12, 27 21, 26	W. Bridgewater, Wayland P.I., W. Roxbury Arlington Res., Bolton Sudbury, W. Harwich Middleboro, E. Boston	75 max, 40 max 72 max 4/14, 35 24 max 4/18, 60+ 180, 40+ 200, 28	W. Petersen, S. Perkins W. Drew, T. Aversa M. Rines, M. Lynch S. Perkins, B. Nikula T. Aversa, R. Stymeist	
American Black Duck thr, 5	P.I., Westport	260 max 4/6, 375	W. Drew, R. Stymeist	
Northern Pintail 8, 12 14	W. Bridgewater, Bolton P.I., GMNWR	7, 2 20, 1	G. d'Entremont, M. Lynch W. Drew, S. Perkins	
Blue-winged Teal 5-26, 8 7-14, 18 18, 18-20 19, 19-28 20, 22	P.I./Newbyp't, W. Bridgewater GMNWR, Middleboro Ipswich, Arlington Res. Essex, S. Dartmouth Bolton, Truro	10 max, 6 1 or 2, 10 6, pr 2, 4-6 2, pr	v. o., G. d'Entremont S. Perkins, W. Petersen J. Brown, M. Rines M. Rines, K. Holmes + v. o. R. Bradbury, T. Aversa	
Northern Shoveler 1, 3-20 12 14, 20 20-26, 26	Norfolk, Arlington Res. S. Dartmouth, Westport E. Boston, P.I. Bolton, ONWR	pr, 1 f 1 m, pr 1 m, 2 3 max 4/26, 2	B. Cassie, M. Rines + v. o. M. Boucher, T. Cameron T. Aversa, W. Petersen M. Lynch + v. o., M. Lynch	
Gadwall thr, 7-21 9, 11 12	P.I., Boston Norfolk, Wayland S. Dartmouth	46 max 4/6, 2 pr, 3 13	W. Drew, K. Hudson B. Cassie, S. Perkins M. Boucher	
Eurasian Wigeon 20, 21-26	Newburyport, Hyannis	1 m, 1 m	E. Nielsen, R. Pease	
American Wigeon 1-20, 1-24 8, 10 12 18, 19	P.I., Arlington Res. W. Bridgewater, Wakefield Eastham, Sudbury Middleboro, Wareham	44 max, 44 max 2, 7 2, 2 3, 4	W. Drew, v. o. G. d'Entremont, P. + F. Vale G. d'Entremont, S. Perkins W. Petersen, K. Anderson	
Canvasback 3, 4	Lakeville, Randolph	45, 7	R. Abrams, G. d'Entremont	
Tufted Duck 19-26	Plymouth	1	S. + L. Arena + v. o.	
Ring-necked Duck 1-27 1-24, 2-14 1-26, 3 11, 25 12, 18 23, 25	Marlboro (Ft. Meadow) Arlington Res., GMNWR W. Newbury, Lakeville S. Hanson, Petersham Clinton, Ipswich (IRWS) Milton, Plymouth	28 max 4/7 12 max, 36 max 50 max, 10 80, 61 95, 10 2, 2 m	R. Graefé M. Rines, S. Perkins v. o., R. Abrams W. Petersen, M. Lynch R. Bradbury, J. Brown R. Abrams, G. d'Entremont	
Greater Scaup 1, 3 4, 5 12, 25	Clinton, Lakeville Randolph, Newburyport Orleans, GMNWR	4, 245 23, 50+ 25, 5	R. Bradbury, R. Abrams G. d'Entremont, J. Berry BBC (R. Stymeist), BBC (S. Hepburn)	
Lesser Scaup 3, 4 10-20, 17 19, 25	Lakeville, W. Newbury GMNWR, Lynn Plymouth, Clinton	3 m, 3 6 max, 6 20, 2	R. Abrams, M. Argue S. Perkins, I. Lynch S. Arena, M. Lynch	
Common Eider 4 12 26	Gloucester, P.I. Outer Cape, Cape Cod Bay Squantum	45, 90 220, 300 15	S. Arena, BBC (G. Gove) BBC (R. Stymeist), M. Gooley G. d'Entremont	

DATE	LOCATION	NUMBER	OBSERVERS	APRIL 1992
Oldsquaw thr, 12	Newburyport, Cape Cod Bay	500 max 4/4, 140 v. o., M. Gooley		
Black Scoter 3, 8 12, 25	Hull, Orleans Provincetown, Plymouth	14, 65 20, 10	M. Rines, T. Aversa BBC (R. Stymeist), G. d'Entremont	
Surf Scoter 12, 25 26	Provincetown, Plymouth Revere	20, 50 300+	BBC (R. Stymeist), G. d'Entremont R. Stymeist	
White-winged Scoter 4, 26 12	P.I. P'town, Cape Cod Bay	9, 11 5, 850+	M. Lynch BBC (R. Stymeist), M. Gooley	
Common Goldeneye 4, 26 4, 11 18-19	Newburyport Gloucester, Petersham Squantum	250+, 4 30, 19 1 imm	M. Lynch, BBC (S. Charette) S. Arena, BBC (M. Lynch) G. d'Entremont	
Bufflehead thr, 10 12, 15	P.I., Wakefield Clinton, Plympton	18 max 4/6, 48 8, 5	W. Drew, P. + F. Vale R. Bradbury, K. Anderson	
Hooded Merganser 4 7, 9-25 14, 19 21, 23	Randolph, Middleboro Boston, Mt. A. Arlington Res., Petersham Middleboro, Bolton	1, 1 4, 8 max 2 f, 7 3 f, 1 f	G. d'Entremont K. Hudson, S. Perkins + v. o. T. Aversa, M. Lynch T. Aversa, H. Merriman	
Common Merganser thr 4, 10 18, 19 20, 25	W. Newbury, GMNWR Randolph, Sherborn Norton, New Braintree Bolton, Rutland	40 max, 62 max 35, 20 16, 14 8, 25	J. Berry + v. o., S. Perkins + v. o. G. d'Entremont, E. Taylor J. Kricher, M. Lynch M. Hall, M. Lynch	
Red-breasted Merganser 3, 5 12 14	Hull, Westport River Cape Code Bay, P'town P.I.	85, 330 1500+, 750 169	M. Rines, R. Stymeist M. Gooley, BBC (R. Stymeist) W. Drew	
Ruddy Duck 8-18, 12 14-28, 14	Milton, Wellesley Arlington Res., Milton	1, 1 3 max, 2	P. Fitzgerald + v. o., C. Quinlan T. Aversa + v. o., G. d'Entremont	
Turkey Vulture thr, 3 5 11, 14 14, 15	Randolph, Nantucket S. Dartmouth, Lynnfield Barre, Boston Plymouth, Halifax	26 max 4/10, 1 6, 7 23, 4 6, 3	N. Smith, E. Andrews M. Boucher, P. + F. Vale M. Lynch, K. Hudson P. Trimble, K. Anderson	
Osprey thr 3, 5 5, 19 21, 23	Nantucket, P.I. Lakeville, Westport Barnstable, Wareham Mashpee, Millis	1 or 2, 1 2, 126 3, 2 6, 2	E. Andrews, v. o. R. Abrams, R. Stymeist H. Ferguson, K. Anderson P. Trimble, P. Iarobino	
Reports of 8 individuals from 7 locations.				
Bald Eagle 4, 26 6, 19	Newburyport, E. Boston (B.I.) P.I., West Newbury	1 imm, 1 imm 1, 1	S. Arena, R. Stymeist EMHW	
Northern Harrier 2 4, 7 11 12, 14 18, 25, 29	Auburn Halifax, W. Roxbury Sudbury Provincetown, P.I. DWWS, Wayland, Canton	1 m 4, 2 1 m 3, 7 1 m + 1 f, 1, 1 m	M. Murphy K. Anderson, T. Aversa V. Laux BBC (R. Stymeist), W. Drew W. Petersen, S. Perkins, T. Aversa	
Sharp-shinned Hawk 22, 26 23	Provincetown, Boxford Wachusett Mt., Worcester, P.I.	8, 3 11, 11, 12	T. Aversa, R. Stymeist EMHW	
Reports of individuals from 15 locations.				
Cooper's Hawk 5, 23	Boxford, Wachusett Mt.	3, 2	J. Berry, EMHW	
Reports of individuals from 12 locations.				
Northern Goshawk thr thr, 6 18, 25	Holliston, Boxford Middleboro, Foxboro P'town, GMNWR	pr on nest, 1 pr on nest, 1 1 imm, 1	T. Aversa, v. o. K. Anderson, B. Cassie B. Nikula, BBC (S. Hepburn)	
Red-shouldered Hawk thr thr 4, 5 12 24, 26	Sherborn Boxford, E. Middleboro Bolton, Easton S. Dartmouth, Harvard Petersham, Lakeville	3 including pr on nest 1, 2 or 3 1, 1 pr, 1 1, 2	E. Taylor v. o., K. Anderson R. Bradbury, K. Ryan M. Boucher, M. Lynch M. Lynch, W. Petersen	

DATE	LOCATION	NUMBER	OBSERVERS	APRIL 1992
Broad-winged Hawk				
15; 19, 24	Milton; Petersham	1; 1	N. Smith; M. Lynch	
23	Lincoln, Wachusett Mt.	1, 568	W. Petersen, EMHW	
26, 27; 28, 29	Boxford; Worcester	1; 1	J. Brown; M. Lynch	
28, 30	Lakeville, Wakefield	2, 1	K. Holmes, P. + F. Vale	
Red-tailed Hawk				
thr	Sherborn, Framingham; Mt. A.	5, 2; 1 or 2	E. Taylor; v. o.	
6, 12	E. Middleboro, Wayland	pr, 6	K. Anderson, BBC (S. Arena)	
12; 25	Bolton, Harvard; Boston	2, 5; 3	M. Lynch; BBC (R. Stymeist)	
American Kestrel				
thr	Millis, Boston	8 max 4/26, 1 or 2	P. Iarrobino, K. Hudson	
8, 10, 23	P.I.	17, 21, 244	EMHW	
12	Wakefield, Harvard	3, 5	P. + F. Vale, M. Lynch	
12, 16	Glooucester, E. Middleboro	7, 10	J. Hoye, K. Anderson	
19, 22	New Braintree, Falmouth	9, 4	M. Lynch, P. Trimble	
23, 26	P.I., Hatchville	43 in 1 hour, 6	J. Hoye, P. Trimble	
Merlin				
thr, 7	Boston, Wayland	1, 1	K. Hudson, S. Perkins	
4, 23, 29	P.I.	4, 11, 3	H. Wiggin, EMHW, W. Drew	
9, 15, 28	Mt. Auburn	1	v. o.	
14, 25	S. Boston, Lincoln	1 f, 1	K. Ryan, S. Perkins	
25	Middleboro	1	D. Briggs	
Peregrine Falcon				
thr, 8, 21	Boston; N. Monomoy	2; 1	v. o.; B. Nikula	
13, 22	P'town (R.P.), Chatham	1, 1	K. Jones	
25, 30	GMNWR, S. Monomoy	1, 1 or 2	BBC (S. Hepburn), B. Nikula	

#### GALLIFORMES THROUGH CORVIDS

A Wild Turkey was seen flying over Route 128 in Waltham, a surprise for two lucky observers. Turkeys seem to be doing well in Essex County with good numbers noted from Boxford.

A Common Moorhen was found in Middleboro, the only record for the month. A Sandhill Crane was noted from Rowley, and another bird was found in Middleboro.

Five Lesser Golden-Plovers were present in Newburyport from April 4-19, and others were found in West Bridgewater and Squantum. Over 30 American Oystercatchers were tallied on North Monomoy, and 3 birds were found at Logan Airport in Boston Harbor, the most northerly spot for breeding in Massachusetts.

Upland Sandpiper reports continue to decrease, but the encouraging news is that they seem to be doing well at Logan Airport. A Long-billed Dowitcher was well described and heard calling in Newburyport on April 18. Good numbers of Common Snipe were present, with concentrations in Concord, Bolton, and Newbury. A pelagic trip in Cape Cod Bay on the 14th yielded four Red Phalaropes.

One or two Little Gulls and 1 or 2 Common Black-headed Gulls were found in Newburyport Harbor, and 300 Bonaparte's Gulls were still present in Lynn as late as April 26. Lesser Black-backed Gulls were noted in North Truro and Middleboro. Caspian Terns were noted late in the month in three coastal locations.

Provincetown played host to good numbers of alcids until midmonth. Over 500 Razorbills were there on the 12th, along with 6 each of Common and Thick-billed murres.

Mount Auburn Cemetery birders unable to find passerines enjoyed two Eastern Screech-Owls and two Great Horned Owls. At Logan Airport, six Snowy Owls were present on April 1, and one was still there at month's end. Short-eared Owls were noted from six locations, and Long-eared Owls were found in Lexington and in Dorchester.

An early Whip-poor-will was found at Fort Hill in Eastham, and another was found at Nantucket on the 29th. Interestingly, no Whip-poor-wills were found at Myles Standish State Forest despite attempts to find them.

The first passerine movement was noted after the 26th when the first Chimney Swifts, Ruby-throated Hummingbirds, and Eastern Kingbirds were reported. As many as 50 Fish Crows were counted early in the month in Middleboro, and five pair were seen nest-building at Mount Auburn. Common Ravens were noted from Boxford and Centerville.

R. H. S.

Ruffed Grouse				
4, 15	Milton, Boxford	2, 4	G. d'Entremont, T. Aversa	
29	Canton (F.M.)	6	T. Aversa	
Reports of single birds from 5 locations.				
Wild Turkey				
4, 11	Sterling, Petersham	4, 3	H. Merriman, BBC (M. Lynch)	
12, 13-18	Boxford, Carlisle	10, 2 or 3	J. Berry, K. Harte	
23, 26	Waltham, Sherborn	1, 1	J. Kricher#, E. Taylor	
Virginia Rail				
thr	Wayland, W. Roxbury	1 or 2, 3 max	J. Hoye + v. o., T. Aversa	

DATE	LOCATION	NUMBER	OBSERVERS	APRIL 1992
Virginia Rail (continued)				
4, 16	Ipswich, Bolton Flats	1, 1	J. Berry, J. Hoye	
19, 23	Salem, Milford	1, 1	J. Brown, T. Aversa	
Common Moorhen				
26	Middleboro	1	R. Abrams	
American Coot				
7-14, 11-26	GMNWR, Milford	1, 1	S. Perkins, R. Bradbury	
17, 18	Lynn, S. Hanson	1, 1	I. Lynch, W. Petersen	
25	Plymouth	20	G. d'Entremont	
Sandhill Crane				
17-18, 30	Rowley, Middleboro	1, 1	D. Chickering + v. o., W. Evill	
Black-bellied Plover				
12	Chatham, Westport	6, 10	BBC (R. Stymeist), R. Abrams	
20	Newburyport	2	S. Perkins	
Lesser Golden-Plover				
4-19, 8	Newburyport	5 max 4/19	v. o.	
8	W. Bridgewater	3	G. d'Entremont	
18	Squamum	1	D. Brown	
Piping Plover				
4-20, 5	P.I., S. Dartmouth	1 or 2, 5	v. o., M. Boucher	
5	Barnstable, Westport	5, 1	H. Ferguson, M. Rines	
14, 21	Dartmouth, N. Monomoy	4, 6	W. Kerr, B. Nikula	
Killdeer				
4	Newburyport/P.I., Halifax	20, 20	BBC (G. Gove), K. Anderson	
12, 21	Bolton, Falmouth	26, 2 nests	M. Lynch, P. Trimble	
American Oystercatcher				
10, 12	N. Monomoy, Chatham	30+, 2	B. Nikula, BBC (R. Stymeist)	
15, 26	Boston (Logan), Eastham	3, 6	N. Smith, K. Jones	
Greater Yellowlegs				
1, 4	S. Dartmouth, Hull	2, 1	M. Boucher, R. Abrams	
4, 26	Newburyport/P.I.	3, 200+	BBC (G. Gove), BBC (S. Charette)	
5, 18	Quincy, Eastham (F.H.)	1, 20	R. Abrams, G. Gove	
21, 24	Middleboro, Lancaster	24, 5	T. Aversa, R. Bradbury	
26, 28	Squamum, Halifax	56, 30	G. d'Entremont, K. Anderson	
Lesser Yellowlegs				
12	S. Dartmouth	2	M. Boucher	
21	Squamum	1	R. Abrams	
21, 26	Newburyport	1, 3	M. Rines, BBC (S. Charette)	
Willet				
24, 26	Eastham, Newburyport	1, 1	K. Jones, M. Lynch	
30	Chatham, S. Dartmouth	6, 2	B. Nikula, K. Holmes	
Spotted Sandpiper				
23, 26	Wayland, Newburyport	1, 1	G. Gove, M. Lynch	
28	E. Middleboro	1	K. Anderson	
Upland Sandpiper				
13, 15	Nantucket, Boston (Logan)	1, 2	K. Beattie, N. Smith	
21, 24	Halifax, Falmouth	2, 7	K. Anderson, P. Trimble	
Sanderling				
26	Lynn	140	R. Stymeist	
Least Sandpiper				
4, 27	Newbury, S. Dartmouth	2, 1	H. Wiggin, M. Boucher	
Pectoral Sandpiper				
4-26	Newburyport	18 max 4/18	v. o.	
4, 12	Bolton, Halifax	1, 12	R. Bradbury, K. Anderson	
11, 18	Middleboro	5, 14	W. Petersen	
Purple Sandpiper				
20, 26	P.I.	2, 8	J. Brown, BBC (S. Charette)	
Dunlin				
4-26	Newburyport	80 max 4/26	v. o.	
12	Westport	125	R. Abrams	
19, 22	GMNWR, S. Dartmouth	3, 12	D. Hart, K. Holmes	
Short-billed Dowitcher				
18, 26	Newburyport	1, 3	BBC (S. Moore), M. Lynch	
Long-billed Dowitcher				
18	Newburyport	1 br pl	H. Wiggin	
Common Snipe				
4, 5	Bolton, S. Dartmouth	50+, 9	R. Bradbury, M. Boucher	
12, 19	Truro, New Braintree	15, 15	G. d'Entremont, M. Lynch	
20, 21	Newbury, Middleboro	70, 76	S. Arena, T. Aversa	
21-25, 26	Concord, Topsfield	60, 9	S. Perkins, R. Stymeist	

DATE	LOCATION	NUMBER	OBSERVERS	APRIL 1992
American Woodcock 9, 12 21, 28	IRWS, Princeton Plymouth (Myles Standish SF)	2, 2 12, 9	J. Brown, R. Bradbury G. d'Entremont	
Red Phalarope 12	Cape Cod Bay	4 W pl	M. Gooley	
Laughing Gull 7, 8 12, 19	S. Wellfleet, Orleans S. Dartmouth, Nantucket	6, 12 1, 2	K. Jones, T. Aversa M. Boucher, E. Andrews	
Little Gull 20-26	Newburyport	1 or 2	S. Perkins + v. o.	
Common Black-headed Gull 4, 21	Newburyport	2, 1	BBC (G. Gove), M. Rines	
Bonaparte's Gull thr, 8 18, 26	Newburyport, off Scituate Squantum, Lynn	75 max 4/26, 3 1 imm, 300+	v. o., R. Abrams G. d'Entremont, R. Stymeist	
Iceland Gull thr 2, 10 11, 23 29	P'town/Truro, Newburyport Norfolk, Boston Harbor Middleboro, Quincy New Bedford	11 max 4/13, 1 or 2 1 1W, 1 3W 1 imm, 1 1W 1	K. Jones, v. o. B. Cassie, R. Abrams W. Petersen, G. d'Entremont D. Zimberlin	
Lesser Black-backed Gull 11, 18	Middleboro, N. Truro	1 ad, 1 1S	W. Petersen, K. Jones	
Glaucous Gull 8, 10 12, 15 26	Boston Harbor, off Nahant Provincetown, Newburyport Nantucket	1 ad, 1 ad 1, 1 1	R. Abrams BBC (R. Stymeist), M. Argue E. Andrews	
Black-legged Kittiwake 12	Cape Cod Bay	6	M. Gooley	
Caspian Tern 23 24, 25	Plymouth, Provincetown Squantum	1, 1 4, 1	R. Holmes, K. Jones M. Rines, E. Cutler	
Common Murre 12	P'town (R.P.), Cape Cod Bay	6, 2	BBC (R. Stymeist), M. Gooley	
Thick-billed Murre 7, 12 8, 12	P'town (R.P.) Boston Harbor, Cape Cod Bay	6, 1 1, 1	R. Abrams, G. d'Entremont R. Abrams, M. Gooley	
Razorbill 12	Provincetown, Cape Cod Bay	500, 55	T. Raymond, M. Gooley	
Black Guillemot 4, 8 9	Gloucester, off Scituate Provincetown (R.P.)	16, 6 1	W. Petersen, R. Abrams K. Jones	
Eastern Screech-Owl thr, 8	Mt. A., Easton	1 or 2, 1	v. o., K. Ryan	
Great Horned Owl thr thr 5, 18	Eastham, Mt. A. Salisbury, Falmouth Randolph, Brookline	pr + 1 yg, 2 n + 2 yg, 1 ad + 1 yg 2, 2	T. Aversa, v. o. T. Goodridge, P. Trimble G. d'Entremont, R. Stymeist	
Snowy Owl 1, 24 1, 30; 8 10, 21	Nantucket (2 locations) Boston (Logan); P'town Quincy, P.I.	1, 1 6, 2; 1 1, 1	E. Andrews N. Smith; K. Jones J. Donahue, M. Rines	
Barred Owl thr, 19 22, 26	Boxford, Petersham Easton, Lakeville	1 or 2, 1 1, 1	v. o., M. Lynch K. Ryan, W. Petersen	
Long-eared Owl 7, 15	Dorchester, Lexington	1 injured, 1	fide T. French, N. Floyd	
Short-eared Owl 5, 15 18 19, 20 29	W. Roxbury, P.I. Boston (Logan), Middleboro Essex, E. Boston (B.I.) P.I.	1, 1 1, 1 1, 1 1	E. Salmela, T. Aversa N. Smith, W. Petersen J. Soucy, L. Rogers W. Drew	
Northern Saw-whet Owl 1, 28	W. Roxbury, Plymouth	1, 1	T. Aversa, G. d'Entremont	
Whip-poor-will 19, 29	Eastham (F.H.), Nantucket	1 f, 1	K. Jones, R. Morcom	
Chimney Swift 26, 27 21-30	Milford, Easton Reports of individuals from 8 locations.	26, 12	R. Bradbury, K. Ryan	
Ruby-throated Hummingbird 26	Mt. A.	1	v. o.	

DATE	LOCATION	NUMBER	OBSERVERS	APRIL 1992
Belted Kingfisher thr, 4 24, 28	Mt. A., Sherborn New Braintree, E. Middleboro	2, 4 pr at n, 2 pr	v. o., E. Taylor M. Lynch, K. Anderson	
Red-bellied Woodpecker thr, 1-16 10-30, 25 16-30 26-28, 29	Medford, Boston (F.Pk) S. Dartmouth, Boston Braintree Nantucket, Worcester	1 f, pr 1, pr 1 m 1 m, 1 m	M. Rines, T. Aversa K. Holmes, BBC (R. Stymeist) G. d'Entremont + v. o. E. Andrews, M. Lynch	
Yellow-bellied Sapsucker 8, 10 12 14-21	Lincoln, Boston (F.Pk) Provincetown, Saugus Reports of 1 or 2 individuals from 7 locations.	1 m, 1 m 2, 1 m	S. Holbrook, T. Aversa B. Nikula, P. + F. Vale	
Hairy Woodpecker thr 2, 12	Mt. A., Boxford Worcester (BMB), Wayland	1, 3 2, 4	v. o., J. Brown M. Lynch, BBC (S. Arena)	
Pileated Woodpecker thr, 4 12, 19 22, 27	Boxford, Milton Bolton Flats, Petersham Lincoln (DFWS), Topsfield	1 or 2, 2 pr, 1 1, 1	v. o., G. d'Entremont M. Lynch W. Petersen, K. Disney	
Eastern Phoebe thr 6, 12 11, 12 14, 18 18 19 thr	Mt. A. Waltham Petersham, Wayland Bolton Flats, Brookline Arlington, P.I./Newburyport Boxford, New Braintree Reports of 57 individuals from 24 locations.	16 max 4/8 6, 11 6, 9 10, 27 8, 22 6, 19	J. Heywood + v. o. L. Taylor BBC (M. Lynch), BBC (S. Arena) H. Merriman, R. Stymeist M. Rines, BBC (S. Moore) G. d'Entremont, M. Lynch	
Eastern Kingbird 25, 28 29	Nantucket, S. Dartmouth Provincetown	1, 1 1	J. Stroup, K. Holmes K. Jones	
Horned Lark 12 21, 26	Provincetown, Wellfleet Falmouth, P.I.	6, 3 8, 2	BBC (R. Stymeist) P. Trimble, M. Lynch	
Purple Martin 9, 18 18, 19	Provincetown, P.I. Halifax, Salem	1 m, 10 3, 2	K. Jones, BBC (S. Moore) W. Petersen, J. Brown	
Tree Swallow 1, 17 2, 14 3, 4 5 10, 17 19, 25	Wayland GMNWR Arlington Res., Boston N. Middleboro, Nantucket Wakefield, Concord New Braintree, Clinton	36, 175 80, 500+ 15, 1 3, 10 3, 500 40+, 350+	S. Arena S. Perkins M. Rines, K. Hudson K. Holmes, J. Husted P. + F. Vale, S. Perkins M. Lynch	
Northern Rough-winged Swallow 8, 17 24 24 28, 29	Milton, Concord Hardwick, Milton S. Dartmouth, Arlington Boston, Ipswich	4, 2 2, 25 2, 4 2, 4	P. Fitzgerald, S. Perkins M. Lynch, R. Abrams K. Holmes, M. Rines K. Hudson, J. Berry	
Bank Swallow 10 12 14, 18 23 24	off Hull Middleboro, Sudbury GMNWR, Clinton Millis New Braintree	2 1, 2 1, 1 11 nests 3	R. Abrams R. Abrams, S. Perkins S. Perkins, R. Bradbury P. Iarobino M. Lynch	
Cliff Swallow 4	GMNWR	1	J. Center	
Barn Swallow 4, 7 10 11, 14 14, 16 16-30	GMNWR, Falmouth Provincetown, Fairhaven S. Hanson, Wayland Bolton Flats, Rowley General arrival.	2, 1 3, 2 1, 2 1, 1	J. Center, W. Mills M. Rines, M. Boucher W. Petersen, S. Arena H. Merriman, J. Brown	
Fish Crow thr thr, 19 10, 23 25	Middleboro, Mt. A. Millis, Essex S. Dartmouth, Norton GMNWR	50 max 4/4, 5 pr 7 max 4/27, 1 2, 1 1	G. d'Entremont + v. o., v. o. P. Iarobino, M. Rines K. Holmes, J. Kricher BBC (S. Hepburn)	
Common Raven 5, 19 23 24	Boxford, Petersham Centerville Wachusett Mt.	1, 1 1 1	J. Brown, M. Lynch R. Pease G. Gove	

### PARIDS THROUGH FINCHES

Up to six Winter Wrens were reported from Boxford, and four in Provincetown were most certainly migrants. A large mixed flock of kinglets was at Provincetown on April 26. A healthy number of gnatcatchers were at Boxford, while Eastern Bluebirds were widely reported from all sections except Cape Cod. Hermit Thrushes were well reported, but only one Wood Thrush was noted. Six hundred robins were in New Braintree on April 19, while Brown Thrashers arrived around April 25. Four American Pipits were reported, and moderate flocks of Cedar Waxwings were seen. A Loggerhead Shrike was photographed at Bolton Flats on April 6.

Migration seemed delayed in eastern Massachusetts. The only vireo species reported was the Solitary Vireo. Twelve species of warblers were reported, compared with thirteen and eighteen in 1991 and 1990, respectively. One warbler was the Yellow-breasted Chat, a wintering bird that left by midmonth. Early reports included a Blue-winged Warbler at GMNWR on April 20 and a Worm-eating Warbler at West Roxbury on April 29. Other warblers arrived in lower than normal numbers.

Two Summer Tanager reports were received, one from Yarmouthport and the other at Nantucket. Rufous-sided Towhees arrived during the last week. A single American Tree Sparrow found on April 26 was late. Field Sparrow numbers increased impressively throughout the month at Broad Meadow Brook Wildlife Sanctuary, with 16 reported by month's end. The West Roxbury Lark Sparrow was last reported on April 4. A count of 150 Savannah Sparrows was recorded in Middleboro. A Grasshopper Sparrow in Newton on April 30 was about two weeks early. One Dark-eyed "Oregon" Junco was seen in Wenham on April 21.

A male Yellow-headed Blackbird was present in Marion most of the month. Encouraging reports included a high of 34 Purple Finches present on April 3 in Boxford. Eight Red Crossbills briefly appeared in the Newburyport area.

G. d'E.

Tufted Titmouse				
12, 28	Boxford, Worcester (BMB)	25+, 19	J. Berry, M. Lynch#	
Red-breasted Nuthatch				
thr, 5	Mt. A., Ipswich	4 max, 1	v.o., J. Berry	
12, 21	Brookline, Boxford	1 f, 1	H. Wiggin, J. Brown#	
23, 26	P'town, Lakeville	1, 1	P. Trimble, W. Petersen	
White-breasted Nuthatch				
12	Boxford State Forest	20	J. Berry	
Brown Creeper				
thr	Boxford, Milton	7 max, 4 max	v. o., G. d'Entremont	
Reports of 10 individuals from 6 locations.				
Carolina Wren				
Reports of 18 individuals from 11 locations.				
House Wren				
16-18, 26	Salem, Holliston	1, 1	I. Lynch#, J. Hoye	
27, 29	Mt. A., Worcester (BMB)	1, 2	v. o., M. Lynch#	
Winter Wren				
thr, 8	Boxford, Mt. A.	6 max, 2	v. o.	
19, 23	Worcester, Sharon	1, 2 m	M. Lynch#, B. Cassie	
24, 26	Wachusett Mt., P'town	4, 4	J. Gordon#, B. Nikula#	
Marsh Wren				
29	Milton (Fowl Meadow)	1	T. Aversa	
Golden-crowned Kinglet				
11; 12, 26	Petersham; P'town	28; 20, 75+	BBC (M. Lynch); B. Nikula#	
19, 26	Waltham, P.I.	31, 10	L. Taylor, M. Lynch#	
Ruby-crowned Kinglet				
13-30, 24	Mt. A., Milton	50 max 4/24, 15	v. o., R. Abrams	
26, 28	Provincetown, Boxford	75+, 53	B. Nikula#, T. Aversa	
Blue-gray Gnatcatcher				
23	Holliston, P'town	2, 2	T. Aversa, P. Trimble	
25, 28	Mt. A., Boxford	2, 9	P. Trimble, T. Aversa	
26, 29	Waltham	3, 3	L. Taylor	
Eastern Bluebird				
thr, 14-30	Millis, Worcester (BMB)	5 max, 7 max	P. Iarobino, M. Lynch#	
12, 20	ONWR, Sherborn	3, 6	M. Lynch#, E. Taylor	
Reports of one pair and single birds from several locations.				
Hermit Thrush				
9-30, 19	Mt. A., Petersham	10 max 4/12, 7	v. o., M. Lynch#	
25	Boston, Plymouth	4, 5	BBC (R. Stymeist), G. d'Entremont#	
Reports of 22 individuals from 14 locations.				
Wood Thrush				
24	Wayland	1	S. Arena	

DATE	LOCATION	NUMBER	OBSERVERS	APRIL 1992
American Robin 4, 12; 19 11, 12, 12	E. Middleboro; New Braintree Petersham, Bolton, Harvard	150, 150; 600+ 30, 50, 60	K. Anderson; M. Lynch# M. Lynch#	
Gray Catbird 12, 18 23, 26	P.I., Brookline Milton, Milford	1, 1 1, 1	T. Young, R. Stymeist# R. Abrams, R. Bradbury	
Brown Thrasher 28; 28, 29 23-30	Plymouth (MSSF); BMB Reports of one or two individuals (10 total) from 8 locations.	3; 10, 3	G. d'Entremont; M. Lynch#	
American Pipit 4, 20 21, 26	P.I., Ipswich Newbury, P.I.	1, 1 1, 1	BBC (G. Gove), S. Perkins# K. Disney#, M. Lynch#	
Cedar Waxwing 6, 17-23 19, 23	Middleboro, Hopkinton New Braintree, Milton	100, 45 max 40+, 200	FCBC (M. Murphy), G. Gove M. Lynch#, R. Abrams	
shrike species 7	Boston (Fens)	1	K. Hudson	
Loggerhead Shrike 6	Bolton Flats	1 ph	C. Quinlan	
Solitary Vireo 21-30, 24 28	Mt. A., Milton Clinton, Worcester (BMB)	3, 4 1, 2	v. o., R. Abrams H. Merriman, M. Lynch#	
Blue-winged Warbler 20	GMNWR	1	A. Bennett	
Northern Parula 23	Milton	1	R. Abrams	
Yellow Warbler 26, 27 29	Milford, Easton Milton (Fowl Meadow)	2, 3 2 m	R. Bradbury, K. Ryan T. Aversa	
Yellow-rumped Warbler thr, 12 25	Wayland, P'town Holden, GMNWR	45 max 4/24, 50 17, 33	S. Arena, B. Nikula# M. Lynch#, BBC (S. Hepburn)	
Black-throated Green Warbler 26, 28 28, 29	Boston (F.Pk), Clinton Worcester (BMB), Dover	1, 1 1, 3	J. Young, H. Merriman M. Lynch#, P. Hallowell	
Pine Warbler 19, 21 23, 24	Plymouth, Mashpee P'town, Otis Air Force Base	15, 8 16, 20	S. Arena, P. Trimble P. Trimble, P. Trimble	
Palmar Warbler 10-30, 10-30 12, 28 23, 26, 29	Boston (F.Pk), Mt. A. Sudbury, Boxford Waltham	12 max, 10 max 10, 17 7, 14, 15	T. Aversa, v.o. S. Perkins#, T. Aversa L. Taylor	
Black-and-white Warbler 23 23, 30	Mt. A., Milton, P'town Cambridge, E. Middleboro	3, 2, 2 2, 2	v. o., R. Abrams, P. Trimble M. Boucher, K. Anderson	
Worm-eating Warbler 29	West Roxbury	1	T. Aversa	
Northern Waterthrush 21, 23 26, 28	Dover, Holliston Northbridge, E. Middleboro	1, 5 1, 2 m	P. Hallowell, T. Aversa R. Bradbury, K. Anderson	
Louisiana Waterthrush 15-30, 18 20, 29	Boxford, Braintree Bolton Flats, Worcester (BMB)	3 max, 1 1, 1	v. o., G. d'Entremont# M. Hall, M. Lynch#	
Yellow-breasted Chat 1-16	East Gloucester	1 m	J. Mann	
Summer Tanager 26-28, 25	Yarmouthport, Nantucket	1, 1	J. Weld + v. o., fide E. Andrews	
Rose-breasted Grosbeak 28, 29	Worcester (BMB)	1, 1	M. Lynch#	
Indigo Bunting 26-30	Woods Hole	1	P. Trimble	
Rufous-sided Towhee 2, 8 28, 29	S. Dartmouth, Squantum Plymouth (MSSF), Worcester (BMB)	1, 1 f 12, 9	K. Holmes, K. Ryan G. d'Entremont#, M. Lynch#	
Reports of one to three individuals (17 total) from 13 locations.				
American Tree Sparrow 7, 19 20, 26	West Roxbury, Hardwick Bolton Flats, Dorchester	18, 30+ 10, 1	T. Aversa, M. Lynch# M. Hall, G. d'Entremont	
Chipping Sparrow 16-30, 19 27, 30	Mt. A., Nantucket Rochester, Otis Air Force Base	10 max, 15-20 10, 20	v. o., E. Andrews# M. Boucher, P. Trimble	

DATE	LOCATION	NUMBER	OBSERVERS	APRIL 1992
Field Sparrow thr, 4 12, 24	Worcester (BMB), Millis Wellfleet, Wayland	16 max 4/29, 2 6, 5	M. Lynch#, P. Iarrobino BBC (R. Stymeist), S. Arena	
Vesper Sparrow 4, 12 14-20, 24	Rowley, Wellfleet Wayland, New Braintree	1, 3 1, 1	H. Wiggin#, BBC (R. Stymeist) S. Arena, M. Lynch#	
Lark Sparrow 1-4	West Roxbury (Gethsemane Cemetery)	1	v. o.	
Savannah Sparrow thr, 18 24, 26	West Roxbury, Middleboro Wayland, Bolton Flats	54 max 4/29, 150 75, 40	T. Aversa, W. Petersen S. Arena, K. Griffis	
"Ipswich" Savannah Sparrow 8	Orleans (Nauset)	1	T. Aversa	
Grasshopper Sparrow 30	Newton	1	J. Hepburn#	
Fox Sparrow 1-19	Reports of 1-4 individuals (30 total) from 18 locations.			
Song Sparrow 8	Squantum	50-60	K. Ryan	
Swamp Sparrow 6, 12 28, 29	Millis, Wayland Worcester (BMB), GMNWR	2, 5 4, 6	P. Iarrobino, BBC (S. Arena) M. Lynch#, BBC (S. Hepburn)	
White-throated Sparrow thr	Mt. A.	20 max 4/29	v. o.	
Dark-eyed Junco 8, 9 11, 19	Squantum, Brookline Petersham	75, 25 48, 50+	K. Ryan, H. Wiggin BBC (M. Lynch), M. Lynch#	
Dark-eyed "Oregon" Junco 21	Wenham	1	N. Nash	
Lapland Longspur 19	Bolton	1 f	M. Rines	
Bobolink 30	Bolton	3	R. Bradbury	
Red-winged Blackbird 12, 19	Bolton Flats, New Braintree	400+, 150+	M. Lynch#, M. Lynch#	
Eastern Meadowlark 4, 5 11, 18	Nantucket, S. Dart. (Allens Pd) Bolton, Essex	1, 2 1, 10	E. Andrews#, M. Boucher# R. Bradbury, T. Young	
Rusty Blackbird 4, 10 13-28 13, 19	Wayland, Wakefield Westwood Millis, Boxford (C.P.)	25, 10 10-15 3, 3	S. Perkins#, P. + F. Vale E. Nielsen# P. Iarrobino, G.d'Entremont#	
Yellow-headed Blackbird 1-24	Marion	1 ad m	J. Farnham + v. o.	
Common Grackle thr, 19	Framingham, New Braintree	300 (roost), 200+	E. Taylor, M. Lynch#	
Brown-headed Cowbird 11, 19	Petersham, New Braintree	25+, 40+	BBC (M. Lynch), M. Lynch#	
Purple Finch thr, 11 12, 19	Boxford, Petersham Bolton Flats, Wayland	34 max 4/3, 8 12, 12	v. o., BBC (M. Lynch) M. Lynch#, S. Perkins#	
Red Crossbill 18	Plum Island	8	BBC (S. Moore)	
Pine Siskin thr, 11	Boxford, Petersham	9 max, 15+	v. o., BBC (M. Lynch)	
Evening Grosbeak 11, 19	Petersham, Boxford (C.P.)	11, 2	BBC (M. Lynch), G. d'Entremont	

## LIST OF ABBREVIATIONS

ad	adult	I.	Island
alt	alternate	L.	Ledge
b	banded	M.V.	Martha's Vineyard
br	breeding	Mt.A.	Mount Auburn Cemetery, Cambridge
dk	dark (phase)	N.A.C.	Nine Acre Corner, Concord
f	female	Nant.	Nantucket
fl	fledged	Newbypt	Newburyport
imm	immature	P.I.	Plum Island
ind	individuals	Pd	Pond
juv	juvenile	P'town	Provincetown
loc	location	Quab.	Quabbin
lt	light (phase)	Res.	Reservoir
m	male	R.P.	Race Point, Provincetown
max	maximum	S. Dart.	South Dartmouth
mi	mile	S.F.	State Forest
migr	migrating	S.N.	Sandy Neck, Barnstable
n	nesting	S.P.	State Park
ph	photographed	Stellw.	Stellwagen Bank
pl	plumage	Worc.	Worcester
pr	pair	BBC	Brookline Bird Club
S	summer (1S = first summer)	BMB	Broad Meadow Brook, Worcester
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	DLSP	Demarest Lloyd State Park
#	additional observers	DWWS	Daniel Webster Wildlife Sanctuary
A.A.	Arnold Arboretum	EMHW	Eastern Massachusetts Hawk Watch
A.P.	Andrews Point, Rockport	FCBC	Felix Cutler Bird Club
B.	Beach	GMNWR	Great Meadows National Wildlife Refuge
B.I.	Belle Isle, E. Boston	IRWS	Ipswich River Wildlife Sanctuary
B.R.	Bass Rocks, Gloucester	LCES	Lloyd Center for Environmental Studies
Buzz.	Buzzards Bay	MARC	Massachusetts Avian Records Committee
C.	Canyon	MAS	Massachusetts Audubon Society
Cambr.	Cambridge	MBO	Manomet Bird Observatory
C.B.	Crane Beach, Ipswich	MDFW	MA Division of Fisheries and Wildlife
Corp. B.	Corporation Beach, Dennis	MNWS	Marblehead Neck Wildlife Sanctuary
C.P.	Crooked Pond, Boxford	MSSF	Myles Standish State Forest
E.P.	Eastern Point, Gloucester	NBC	Needham Bird Club
F.E.	First Encounter Beach, Eastham	NEHW	New England Hawk Watch
F.H.	Fort Hill, Eastham	ONWR	Oxbow National Wildlife Refuge
F.M.	Fowl Meadow	PRNWR	Parker River National Wildlife Refuge
F.P.	Fresh Pond, Cambridge	SRV	Sudbury River Valley
F.Pk	Franklin Park, Boston	SSBC	South Shore Bird Club
F.S.F.	Federation State Forest	TASL	Take A Second Look Harbor Census
G40	Gate 40, Quabbin	USFWS	US Fish and Wildlife Service
G45	Gate 45, Quabbin	WBWS	Wellfleet Bay Wildlife Sanctuary
H.	Harbor	WMWS	Wachusett Meadow Wildlife Sanctuary