



FIELD RECORDS

APRIL 1990

by Richard A. Forster

April was mostly wet and cloudy, averaging 1.1 degrees below normal in spite of record-breaking heat on April 27 and 28. These two days were the first consecutive 90-degree days in April in 118 years of record keeping. Temperatures plunged in the afternoon of April 28, and the high temperature for April 29 was 47 degrees. Precipitation was nearly six inches, more than two inches above normal. Snow fell on only one day, April 7. Only 52 percent of possible sunshine was seen. Southwesterly winds conducive to migration were scarce. However, there were three periods when winds averaged from the southwest for three consecutive days: April 9-11, April 19-21, and April 25-27. The weather pattern for the month had a strong influence on migration.

LOONS THROUGH CRANES

By and large the waterbird situation was very quiet, and the general paucity of reports reflects this. Loons, grebes, and most sea ducks were sparsely reported. The few notable reports were mostly holdovers from previous months, but the small flock of Harlequin Ducks at North Scituate was apparently augmented by migrants. Early April found good numbers of Red-necked Grebes, particularly in Hull where a **Western Grebe** returned for a brief stay for the second consecutive year and almost on the same day as previously. Observers canoeing along the Sudbury River April 16 reported 11 Pied-billed Grebes calling. This is an impressive number for a species that is now considered scarce and declining. The good number of gannets on Cape Cod was fairly typical for early April. Herons were reported in low numbers with the exception of a flight of Glossy Ibises in Salem on April 28, comprising three flocks. Freshwater ducks averaged a below normal migration, especially Northern Shoveler, which has declined in recent years as a spring (and fall) migrant, being only reliably recorded in numbers at Monomoy. Hooded Mergansers were so unremarkable that no reports were received!

Routine coverage by hawkwatchers at several locations produced modest counts on favorable days, especially in Ashburnham and at Plum Island, where kestrels were prominent on April 16. At North Truro on April 28 Sharp-shinned and Broad-winged hawks were the feature along with Red-breasted Nuthatches! A **Black Vulture** at Bolton Flats on April 14 provided further evidence of an increase in this species not too far to our south. An **American Swallow-tailed Kite** added spice at Martha's Vineyard on April 27, and what was certainly the same individual was observed the following day at Nantucket. A **Sandhill Crane** was seen flying in Provincetown on April 12, appeared in Wellfleet the following day, and shortly thereafter took up residence on the airport runway in Provincetown where it spent the rest of the month.

SHOREBIRDS THROUGH SHRIKES

Shorebird migration was slow. Typical April migrants of this group filtered through in small numbers through midmonth. Large aggregations of snipe were few, and Pectoral Sandpipers were almost unrecorded. The gem during this period was a well-described Stilt Sandpiper in a flooded field in Ipswich. With the coming of the heat wave, both migrant and resident shorebirds surged in numbers with the count of Greater Yellowlegs in Newburyport Harbor tripling overnight on April 29.

Larids continued the slow trend for the month. Very few Bonaparte's Gulls were in evidence at Newburyport Harbor, so the presence of at least two Little Gulls is mildly surprising. A second **Mew Gull** joined the wintering individual at Raccoon Island in Quincy concurrent with the presence of 350 Ring-billed Gulls in Middleboro. A flooded field in Acton hosted an Iceland Gull and a Lesser Black-backed Gull amongst their more numerous brethren on April 15. An unseasonable and inexplicable Forster's Tern appeared on April 16 in Concord, where it was well seen by a handful of observers and photographed.

Yellow-bellied Sapsucker, an unpredictable and mysterious migrant, was almost unreported during its typical migration period. Several flycatcher species arrived during the heat wave, highlighted by a handsome

Scissor-tailed Flycatcher in Manchester. Swallow numbers were low, with the scarcer species becoming more widespread in small numbers at the end of the month. Fish Crows dispersed from their winter stronghold and were widely reported including reports from several unusual locations. Golden-crowned Kinglets responded to whatever moves them and were most prevalent in the middle of the month with few being part of the flood of migrants later on. On the other hand, Ruby-crowned Kinglets, often common in mid-April, were present in low numbers until the wave and even then in numbers well below normal. Cedar Waxwings were particularly numerous and widespread in April, a time when they are typically scarce—between the breakup of winter flocks and the arrival of normal late May migrants.

VIREOS THROUGH FINCHES

Perhaps the highlight of the month was the explosion of landbirds during the heat wave. What was most rewarding was that the movement was widespread rather than concentrated in a few favored areas. Of the three species of vireos, eighteen (!) species of warblers, and assorted others, none was really unexpected although the presence of Orange-crowned, Prothonotary, and Hooded warblers, and Summer Tanager did add some excitement. Among the seedeaters things were much the same. Fox Sparrow, whose migration is about as fathomable as that of the sapsucker, was poorly represented. Savannah Sparrows, often numerous in flocks in mid-April, were down. Only one migrant Vesper Sparrow was noted, the others representing holdovers from winter. The Grasshopper Sparrow in the unlikely location of Petersham was most likely a bird that spent the winter. Juncos, like Golden-crowned Kinglets, moved through in the early portion of the month. Purple Finches showed a resurgence during the month, Pine Siskins were widespread in small numbers and suspected of breeding at several locations, and the few Evening Grosbeaks that ventured south this winter were filtering north from midmonth on.

All in all, April was a classic example of migration being controlled by weather. On the whole, a rather dreary month produced a rather dreary and unremarkable migration. When the temperatures soared and the skies brightened, so did the prospects of birders. By the end of the month, even the most jaded birder (this writer?) was eagerly anticipating the follow-up movement in May. R.A.F.

DATE	LOCATION	NUMBER	OBSERVERS	APRIL 1990
Red-throated Loon				
7, 13	Cape Cod, Nantasket	3, 1	J. Brown, M. Lynch#	
Common Loon				
thr	Ipswich (Crane B.)	2-8	v. o.	
thr	P.I.	13 max 4/1, 9 on	4/10 v. o.	
7	Wachusett Res.	1	M. Lynch#	
Pied-billed Grebe				
1, 2	W. Newbury (Cherry Hill), Westboro	2, 1	BBC (D. + D. Oliver), E. Taylor	
7, 8	Boylston, E. Quabbin	1, 1	M. Lynch#	
8; 8, 19	Randolph (Great Pd); P.I.	1; 1, 1	G. d'Entremont; BBC (S. Moore), W. Drew#	
16	Sudbury River (Wayland to Sudbury)	11 all calling	S. Perkins#	
14, 30	Wakefield, Townsend	2, 1	P. + F. Vale, fide W. Petersen	
Horned Grebe				
1	Quincy, P.I.	37, 7	R. Titus#, BBC (D. + D. Oliver)	
1, 7	Lakeville, Wachusett Res.	1, 1	SSBC (W. Petersen), M. Lynch#	
8	P.I., Winthrop	20, 6	BBC (S. Moore), P. + F. Vale	
13, 21	Hull-N. Scituate, Mashpee	35, 1	M. Lynch#, P. Trimble	
Red-necked Grebe				
8	Winthrop, P.I.	30, 6	P. + F. Vale, BBC (S. Moore)	
9, 14	Hull	220, 49	R. Forster, R. Titus#	
14	P.I.	2	M. Lynch#	
Western Grebe				
8-13	Hull	1	T. Cameron + v. o.	
Northern Gannet				
1, 3, 4	P.I.	17, 6, 20	BBC (D. + D. Oliver), T. Aversa, R. Forster	
6-8	Cape Cod	500+	J. Brown	
14	Marblehead	2	J. Brown	
20, 21	Chatham, Mashpee	5, 1	I. Lynch, P. Trimble	
Great Cormorant				
1-15	Lakeville	5-6	W. Petersen + v. o.	
5, 28	Cohasset, P.I.	60, 1	E. Taylor, M. Lynch#	
29	N. Scituate	29	R. Titus#	
Double-crested Cormorant				
7, 9	Wachusett Res., E. Middleboro	1, 30	M. Lynch#, K. Anderson	
13, 21	Nantasket, Mashpee	97, 40	M. Lynch#, P. Trimble	
24, 27	Acton, E. Middleboro	37, 30	R. Forster, K. Anderson	
28, 29	Lakeville, Newbury-P.I.	81, 100+	BBC (D. Davis), BBC (D. Chickering)	

DATE	LOCATION	NUMBER	OBSERVERS	APRIL 1990
American Bittern				
1	Bolton, P.I.	1, 1	M. Lynch#, BBC (D. + D. Oliver)	
22, 24	Wayland (Wash Brook), Bridgewater	2 or 3, 1	S. Perkins#, D. Briggs	
28, 29	Canton (F.M.), P.I.	2, 1	P. O'Neill, BBC (D. Chickering)	
Great Blue Heron				
4, 7	Ipswich, Westboro	11, 25 on nests	R. Forster, M. Lynch#	
8, 15	P.I., Hardwick	17, 15	BBC (S. Moore), M. Lynch#	
20	Sudbury	4 active nests	W. Petersen	
8-30	Reports of 1-4 (total 14) from 5 locations.			
Great Egret				
7, 9	Ipswich, S. Dartmouth	1, 2	I. Lynch, M. Boucher	
11, 12, 15	Hull, Hingham, Marshfield	1, 3, 1	R. Titus#, K. Ryan, K. Anderson	
24, 28	S. Dartmouth, Westport	9, 4	LCES (J. Hill), W. Petersen	
28	Ipswich, Essex	3, 3	J. Berry, M. Argue#	
28	IRWS	1	P. + F. Vale	
Snowy Egret				
11	Quincy	4	K. Ryan	
13, 15	Hull-Scituate, Duxbury	8, 3	M. Lynch#, K. Anderson	
19, 21	P.I., Mashpee	5, 5	W. Drew#, P. Trimble	
5-28	Reports of single birds from 6 locations.			
Little Blue Heron				
14	Gloucester	1	C. Leahy	
Cattle Egret				
5, 10-30	Ipswich	1, 2	L. North + v. o.	
Green-backed Heron				
24, 28, 29	Mt. A.	1, 1, 2	v. o.	
28	Westport, P.I.	5, 2	W. Petersen, A. B. Delorey	
28	Reports of single birds from 3 locations.			
Black-crowned Night-Heron				
4, 11	Boston (Muddy River)	5, 10	R. Stymeist#, T. Aversa	
14, 28	Wakefield, Ipswich	5, 2	P. + F. Vale, J. Berry	
Glossy Ibis				
5	Hamilton	2	D. Rimmer	
10	Essex, Mattapoisett	70, 24	T. Aversa, M. Boucher	
12, 13	Newbury, Scituate	5, 4	D. Rimmer, M. Lynch#	
13, 15	Squantum	9, 18	K. Ryan, D. Clapp	
14, 22	Ipswich, Newbury	29, 30	J. Berry, J. Edick	
25, 28	Mattapoisett, Salem	30, 120+	B. Blodget, P. Willis	
Mute Swan				
thr	Ipswich	2 nesting pair	J. Berry	
9	Rowley	nesting pair	J. Berry	
13, 21	Scituate, Mashpee	15, 20	M. Lynch#, P. Trimble	
Snow Goose				
1-8	Newbypt (Woodbridge I.)	42 max 4/1	G. Gove + v. o.	
19-28	P.I.	2	W. Drew# + v. o.	
Brant				
thr	Ipswich (Crane B.)	12-75	D. Rimmer	
thr	Newburyport	75+ max 4/28	M. Lynch# + v. o.	
8, 13	Salisbury, Scituate	77, 51	D. Chickering, M. Lynch#	
Canada Goose				
1, 7	Bolton Flats, Wachusett Res.	147, 366	M. Lynch#	
5, 19, 24	P.I.	245, 320, 315	W. Drew#	
8, 24	W. Newbury, Newbury	400, 261	R. Titus#, R. Forster	
28	Ipswich	300+	J. Berry#	
Wood Duck				
2, 7	Lakeville, E. Middleboro	16, 8	M. Boucher, K. Anderson	
7, 8	Wakefield, New Braintree	5, 14	P. + F. Vale, M. Lynch#	
16	Sudbury River (Wayland to Sudbury)	25	S. Perkins#	
27, 29	GMNWR, IRWS	8-10, 12+	J. Berry	
Reports of 1-4 birds (total 16) from 8 locations.				
Green-winged Teal				
thr	P.I.	225 max 4/5	W. Drew# + v. o.	
1, 8	Middleboro	100, 20	SSBC (W. Petersen), G. d'Entremont	
5-24	S. Dart. (Allens Pd)	40 max 4/13	LCES (J. Hill)	
8, 15	New Braintree	48, 40	M. Lynch#	
10, 11	Concord (Nine Acre Corner)	24, 78	R. Forster	
14	Bridgewater, ONWR	20, 20	W. Petersen#, M. Lynch#	
16	Sudbury River (Wayland to Sudbury)	75	S. Perkins#	
22	Wayland (Wash Brook)	225	R. Walton#	
25	S. Monomoy	25	D. Houghton	

DATE	LOCATION	NUMBER	OBSERVERS	APRIL 1990
American Black Duck				
thr	P.I.	165 max 4/5	W. Drew# + v. o.	
5-24	S. Dart. (Allens Pd)	153 max 4/13	LCES (J. Hill)	
8	Randolph, New Braintree	85, 89	G. d'Entremont, M. Lynch#	
25	S. Monomoy	150	D. Houghton	
Mallard				
1, 8	Bolton Flats, New Braintree	69, 40	M. Lynch#	
Northern Pintail				
thr	P.I.	9 max 4/5	W. Drew#	
1, 11	Bolton Flats, Concord (Nine Acre Corner)	2, 8	M. Lynch#, R. Forster	
25	S. Monomoy	15	D. Houghton	
Blue-winged Teal				
1, 4, 22	P.I.	1, 2, 13	BBC (D. + D. Oliver), R. Forster, BBC (J. Center)	
4, 11	Topsfield, Wakefield	1, 2	R. Forster, P. + F. Vale	
16	Sudbury River (Wayland to Sudbury)	15	S. Perkins#	
22, 28	Wayland (Wash Brook), Ipswich	15, 2	S. Perkins#, J. Berry#	
Northern Shoveler				
10, 11-17, 25	P.I., Swampscott, S. Monomoy	1, 1 m, 15	T. Aversa, L. Sager, D. Houghton	
Gadwall				
thr	P.I.	79 max 4/5	W. Drew# + v. o.	
16	Sudbury River (Wayland to Sudbury)	2	S. Perkins#	
13, 25	DWWS, S. Monomoy	3, 100	M. Lynch#, D. Houghton	
28, 29	Ipswich, Holden	50, 1	J. Berry#, B. Blodget	
Eurasian Wigeon (from winter)				
8	Chatham	1 m	J. Brown	
American Wigeon				
1	Wakefield, Belmont	3, 6	P. + F. Vale, E. Taylor	
2, 7	Marlboro, Wachusett Res.	4, 12	E. Taylor, M. Lynch#	
8	P.I., Chatham	4, 6	BBC (S. Moore), J. Brown	
11	Concord (Nine Acre Corner)	6	R. Forster	
14	Cambridge (F.P.)	9	BBC (J. Holman)	
22, 28	Middleboro, S. Dartmouth	2, 1	W. Petersen#	
Canvasback				
1	W. Newbury (Cherry Hill Res.)	1	BBC (D. + D. Oliver)	
Ring-necked Duck				
thr	Wakefield	6-20	P. + F. Vale	
1	Halifax, W. Newbury	10, 35	K. Anderson, BBC (D. + D. Oliver)	
4	Westboro, Sudbury	12, 20	E. Taylor, T. Aversa	
7, 8	Wachusett Res., Andover	248, 10	M. Lynch#, S. Selesky	
22, 24	S. Hanson, W. Newbury	70, 27	W. Petersen#, R. Forster	
Greater Scaup				
7, 8	Wachusett Res., Randolph	46, 35	M. Lynch#, G. d'Entremont	
8, 14	Newburyport	60, 75+	BBC (S. Moore), M. Lynch#	
Lesser Scaup				
1, 14, 22	Lakeville	2, 30+, 12	W. Petersen	
4, 7	Newbypt, Wachusett Res.	3, 4	R. Forster, M. Lynch#	
28	Acoaxet	4	W. Petersen	
King Eider				
1	Quincy (Nut I.)	1 ad m	R. Titus	
Harlequin Duck				
8, 14	Winthrop, N. Scituate	1, 5	P. + F. Vale, R. Titus#	
Oldsquaw				
thr	Newburyport	800+ max 4/28	M. Lynch#	
Black Scoter				
1, 21	P.I., Mashpee	2, 20	BBC (D. + D. Oliver), P. Trimble	
Surf Scoter				
13	Nantasket-Minot	18	M. Lynch#	
White-winged Scoter				
1, 8	P.I.	83, 1000	BBC (D. + D. Oliver), BBC (S. Moore)	
Common Goldeneye				
1-22	Newburyport	400 max 4/4	R. Forster + v.o.	
1	Lynnfield	37	P. + F. Vale	
Barrow's Goldeneye				
1, 14	Newburyport	2, 1 f	BBC (D. + D. Oliver), D. Chickering	
Bufflehead				
thr	Wakefield	20 max	P. + F. Vale	
5-24	S. Dart. (Allens Pd)	44 max 4/13	LCES (J. Hill)	
1, 14	Newburyport	95, 200+	BBC (D. + D. Oliver), M. Lynch#	
8, 13	Randolph, Nantasket-Minot	30, 150+	G. d'Entremont, M. Lynch#	
20, 21	Wenham, Mashpee	16, 750	J. Brown, P. Trimble	

DATE	LOCATION	NUMBER	OBSERVERS	APRIL 1990
Common Merganser				
thr	Stoneham	44 max 4/2	T. Aversa	
1, 4	Lynnfield, Framingham	37, 21	P. + F. Vale, E. Taylor	
2, 11	Marlboro	25	R. Graefe	
7, 8	Wachusett Res., Randolph	65, 20	M. Lynch#, G. d'Entremont	
1-22	Reports of 1-20 (total 113) from	15 locations.		
Red-breasted Merganser				
5-24	S. Dart. (Allens Pd)	82 max 4/17	LCES (J. Hill)	
8, 13	Chatham, Nantasket-Minot	400, 265	J. Brown, M. Lynch#	
19, 21	W. Boylston, Mashpee	2, 160	B. Blodgett, P. Trimble	
25	Monomoy	5000	D. Houghton	
Ruddy Duck				
1-24, 8-25	Arlington Res., W. Newbury	4 max 4/3, 1 or 2	T. Aversa + v. o., v. o.	
8	Braintree (Great Pd)	1	G. d'Entremont	
Black Vulture (details submitted)				
14	Bolton Flats	1	E. Salmela	
Turkey Vulture				
8	Quabbin (G40-43), Milton (Blue Hills)	18, 10	M. Lynch#, R. Titus#	
14	Ashburnham, Barre	11, 10	BBC (R. Stymeist), M. Lynch#	
15	Petersham	10	M. Lynch#	
22, 23	N. Dartmouth, Bourne	12, 6	M. Boucher, K. Machado	
27	Dover	5	E. Taylor	
Reports of 1-3 (total 31) from 17 locations.				
Osprey				
thr	S. Dart. (Allens Pd)	8 max	LCES (J. Hill)	
14, 16, 20, 22, 28	Ashburnham	11, 33, 26, 18, 6	EMHW	
4, 7	Newbypt, Wachusett Res.	1, 1	R. Forster, M. Lynch#	
11	Westboro, DWWS	1, pr on nest	E. Taylor, D. Ludlow	
21, 22	Mashpee, Wachusett	6, 6	P. Trimble, EMHW	
16, 27; 28	P.I.; N. Truro	5, 1; 4	EMHW	
American Swallow-tailed Kite				
27	M. V. (Chappaquidick)	1	K. Leuscher	
28	Nantucket	1	P. Dunwiddie	
Bald Eagle				
8	Quabbin (G40-43)	11 (5 ad)	M. Lynch#	
17, 24	Ashburnham	1, 1	EMHW	
Northern Harrier				
1, 13	Newbypt-P.I., DWWS	4, 3	BBC (D. + D. Oliver), M. Lynch#	
8, 22	Middleboro	6, 4	G. d'Entremont, W. Petersen	
Reports of 1-2 (total 16) from 10 locations.				
Sharp-shinned Hawk				
4, 8	Sharon, Quabbin (G40-43)	1, 2	K. Ryan, M. Lynch#	
14, 16, 20, 22, 28	Ashburnham	10, 12, 13, 13, 17	EMHW	
27, 28; 28	P.I.; N. Truro	39, 28; 85	EMHW; T. Carrolan	
7-28	Reports of single birds from 7 locations.			
Cooper's Hawk				
2, 8	Easton, Middleboro	1, 1 imm	K. Ryan, G. d'Entremont	
16, 18	Ashburnham, Sharon	1, 1 ad m	EMHW, R. Titus	
20; 22	P.I.; Middleboro, Halifax	1; 1, 1	EMHW; W. Petersen	
28, 29	N. Truro, Hanson	1, 1	EMHW, W. Petersen	
Northern Goshawk				
thr	Boxford (C.P.)	pair nesting	J. Berry, J. MacDougall	
8, 14	E. Quabbin, Sudbury (Round Hill)	1, 1 imm	M. Lynch#, S. Perkins#	
22	IRWS	1	P. + F. Vale	
Red-shouldered Hawk				
thr	Boxford (C.P.)	pair nesting	J. Berry, J. MacDougall	
thr	E. Middleboro	pair nesting	K. Anderson	
1, 5	Middleboro, Stoughton	2, 1	W. Petersen, R. Titus	
19-30, 22	Wellesley, Middleboro	1, 4	R. Forster, W. Petersen	
25, 30	Essex, N. Dartmouth	1, 1	H. Wiggin, K. Machado	
Broad-winged Hawk				
14, 16, 20, 22, 28	Ashburnham	1, 12, 103, 112, 155	EMHW	
22, 27; 27	Wachusett; Little Wachusett	18, 5; 5	EMHW	
21-29, 28	Westford, Mashpee	1, 2	S. Selesky, P. Trimble	
28	N. Truro	60	T. Carrolan	
28, 29	IRWS, Newbury	2, 1	P. + F. Vale	
Red-tailed Hawk				
thr, 7	Wakefield, Ipswich	1 or 2, 5	P. + F. Vale, J. Berry	
8, 22	Middleboro, Dover	4, 6	G. d'Entremont, E. Taylor	
14, 16, 20, 22, 28	Ashburnham	7, 3, 1, 5, 1	EMHW	

DATE	LOCATION	NUMBER	OBSERVERS	APRIL 1990
Rough-legged Hawk				
1-28	Middleboro	1	K. Anderson + v. o.	
22	Wachusett	2	EMHW	
American Kestrel				
thr	DWWS	42 max 4/11	perched and feeding	D. Ludlow
10	Salisbury, P.I.	9, 12	T. Aversa	
14, 16, 20, 22, 28	Ashburnham	8, 2, 13, 5, 6	EMHW	
16, 18, 20, 27, 28	P.I.	113, 33, 15, 28, 5	EMHW	
28	N. Truro	22	EMHW	
Merlin				
10, 11	Waltham, N. Dartmouth	1, 1	J. Young, K. Machado	
12, 13	Ipswich (Crane B.)	1, 1	D. Rimmer	
14; 16, 20	P.I.	1; 2, 1	H. Wiggin; EMHW	
21, 28	P.I.	1, 1	D. Chickering, A. + B. Delorey	
28	MNWS, N. Truro	1, 1	M. Lynch#, EMHW	
Peregrine Falcon				
thr, 6	Boston, Sharon	pair, 1	fide T. French, R. Titus	
25, 28	S. Monomoy, Nantucket	1, 1	D. Houghton, E. Andrews	
Ring-necked Pheasant				
28	Ipswich	12	J. Berry#	
Wild Turkey				
10	Boxford (C.P.)	1	T. Aversa	
Northern Bobwhite				
21, 22	Belmont	1	L. Taylor	
26, 28	Plymouth (M. Standish S.F.), Otis AFB	2, 4	G. d'Entremont, P. Trimble	
Virginia Rail				
19; 22, 26	Hamilton; Belmont	3; 1	J. Brown; L. Taylor	
22, 23	Wayland (Wash Brook), GMNWR	1, 2	S. Perkins#, K. Ryan	
28, 29	Ipswich, IRWS	1, 3	J. Berry, J. Berry + J. MacDougall	
Sora				
22, 23	Wayland (Wash Brook), GMNWR	5, 1	S. Perkins#, K. Ryan	
American Coot				
22	Wayland (Wash Brook)	1	S. Perkins#	
Sandhill Crane				
12, 13, late April	P'town, Wellfleet, P'town airport	1	fide K. Jones	
Black-bellied Plover				
2, 3	N. Monomoy, Newburyport	30, 1	B. Nikula, T. Aversa	
13	S. Dart. (Allens Pd)	2	LCES (J. Hill)	
Semipalmated Plover				
28	Acoaxet	1	W. Petersen#	
Piping Plover				
thr	Ipswich (Crane B.)	2-18	D. Rimmer	
9, 17	S. Dartmouth, N. Monomoy	6, 25	M. Boucher, D. Houghton	
29	P.I.	1	D. Chickering	
Killdeer				
1, 19	Bolton Flats, P.I.	51+, 8	M. Lynch#, W. Drew#	
American Oystercatcher				
2	N. Monomoy	8+	D. Houghton	
Greater Yellowlegs				
1-4	Newburyport-P.I.	3	v. o.	
13	DWWS, S. Dart. (Allens Pd)	2, 4	M. Lynch#, LCES (J. Hill)	
14, 24, 29	Newburyport	29, 125, 500	M. Lynch#, R. Forster, P. + F. Vale	
29	S. Chatham	36	B. Nikula	
Lesser Yellowlegs				
4	Newburyport, Essex	1, 3	R. Forster	
16, 24, 28	Newburyport	30, 2, 12	P. + F. Vale, R. Forster, M. Lynch#	
22	Middleboro	1	W. Petersen	
Solitary Sandpiper				
29, 30	Petersham, Easton	1, 2	M. Lynch#, K. Ryan	
Willet				
24, 28	Newbypt, P.I.	1, 2	R. Forster, M. Lynch#	
29	S. Chatham	2	B. Nikula	
Spotted Sandpiper				
29, 30	Topsfield, Marlboro	3, 1	I. Lynch, R. Graefe	
Upland Sandpiper				
24, 28	DWWS	1, 2	D. Ludlow#	
28-29	Newburyport	3	S. Perkins# + v.o.	
28	Otis AFB, Middleboro	5, 2	P. Trimble, BBC (D. Davis)	
Sanderling				
thr	Ipswich (Crane B.)	1-5	D. Rimmer	

DATE	LOCATION	NUMBER	OBSERVERS	APRIL 1990
Least Sandpiper				
28	Acoaxet, Middleboro	15, 10	W. Petersen	
28, 30	Newbypt, Easton	33, 2	M. Lynch#, K. Ryan	
Pectoral Sandpiper				
1	Middleboro	3	W. Petersen	
Purple Sandpiper				
3, 15	P.I., Brant Rock	5, 40	T. Aversa, K. Anderson	
Dunlin				
2, 3	N. Monomoy, Ipswich	200, 15	B. Nikula, D. Rimmer	
13, 17	S. Dart. (Allens Pd)	51, 91	LCES (J. Hill)	
28	Newburyport	120	M. Lynch#	
Stilt Sandpiper (details submitted)				
13	Ipswich (Northgate)	1	R. Bieda, A. Richards	
Short-billed Dowitcher				
24, 28	Newburyport	2, 6	R. Forster, M. Lynch#	
24	S. Dart. (Allens Pd)	1	LCES (J. Hill)	
dowitcher species				
10, 21	Newburyport	1, 2	T. Aversa, P. + F. Vale	
Common Snipe				
1, 4	Bolton Flats, Essex	52, 33	M. Lynch#, R. Forster	
6, 28	Ipswich	55+, 8	J. Berry	
16, 24	Concord (Nine Acre Corner), Newbypt	40, 12	S. Perkins#, M. Lynch#	
American Woodcock				
5, 8	Reading, Belmont	3, 3	D. Williams, BBC (S. Sanders)	
19, 24	Wenham, Plymouth	2, 8	J. Brown, G. d'Entremont	
Red Phalarope				
21	Mashpee (South Cape B.)	1	P. Trimble	
Laughing Gull				
6	Cape Cod	3	J. Brown	
Little Gull				
4, 14	Newburyport	2 ad W, 1	R. Forster, M. Lynch#	
Common Black-headed Gull				
10, 24	Newburyport	1 ad, 1 (1S)	T. Aversa, R. Forster	
28	Revere	2 (1S)	J. Quigley	
Bonaparte's Gull				
1; 14, 28	Newburyport	8; 40+, 25+	BBC (D. + D. Oliver); M. Lynch#	
Mew Gull (details submitted)				
1	Quincy (Raccoon I.)	2 ad	R. Titus	
Ring-billed Gull				
1, 29	Bridgewater, Revere	350, 100	SSBC (W. Petersen), J. Quigley	
Iceland Gull				
14, 15	Newbypt, Acton	1 (1W), 1(1W)	M. Lynch#, R. Forster#	
Lesser Black-backed Gull				
15	Acton	1 (1W-1S)	R. Forster	
Glaucous Gull				
19, 28	Brewster, Revere	1, 1	P. Trimble, J. Quigley	
Caspian Tern				
26	DWWS	1	D. Ludlow, M. Emmons	
Forster's Tern				
16	Concord (Nine Acre Corner)	1	R. Forster, C. Seeckts, S. Perkins#	
Razorbill				
25	S. Monomoy	1	D. Houghton	
Eastern Screech-Owl				
thr	Westford	1 (red)	S. Selesky	
Great Horned Owl				
1, 7	Ipswich, Westboro (SUASCO)	pair, 1 on nest	J. Berry, M. Lynch#	
8-15	Milton	1 or 2	G. d'Entremont	
11, 26	Boston (Franklin Park)	1	T. Aversa	
15, 22	Essex, Boxford	ad w/ 2 yg, pr w/ 1 yg	J. Berry	
Snowy Owl				
1	Newbypt, P.I.	1, 1	BBC (D. + D. Oliver)	
Barred Owl				
14	Lincoln, Boxford	1, 1	R. Stymeist, D. Cosgren	
Long-eared Owl				
26	Plymouth (M. Standish S.F.)	1	G. d'Entremont, R. Campbell	
Short-eared Owl				
2, 4	N. Monomoy, Newbury	1, 1	B. Nikula, R. Forster	
6, 8-9	Middleboro	2, 1	D. Kimberlin, G. d'Entremont#	
24	S. Dart. (Allens Pd)	1	LCES (J. Hill)	

DATE	LOCATION	NUMBER	OBSERVERS	APRIL 1990
Northern Saw-whet thr, 21-30	Owl Hamilton, Sudbury	1, 1	J. Berry, V. Dietrich	
Whip-poor-will 22, 26 28	S. Dartmouth, Plymouth Brewster	1, 1 1	T. Raymond, G. d'Entremont B. Nikula	
Chimney Swift 24, 25 28	Sandwich, Milford Acton, Newbypt	3, 3 2, 2	P. Trimble, B. Blodget R. Forster, M. Lynch#	
Red-headed Woodpecker 24	Ipswich	1 ad	R. Forster	
Red-bellied Woodpecker 1, 27	Lakeville, Sudbury (Nobscot)	1 m, 1 m	SSBC (W. Petersen), R. Forster	
Yellow-bellied Sapsucker 23 27	Salem, Middleboro Wachusett Mt.	2, 1 3	I. Lynch, D. Briggs G. Gove, J. Gordon	
Hairy Woodpecker 4, 24 28	Brookline, Easton Wollaston	pair, pair pair	B. Rielly#, K. Ryan G. d'Entremont	
Northern Flicker 11, 14 21 28	Boston (Franklin Park), P.I. P.I., Mashpee Squantum, Wollaston, Braintree	12, 11 6, 6 4, 3, 5	T. Aversa, M. Lynch# D. Chickering, P. Trimble G. d'Entremont	
Pileated Woodpecker thr 8, 13 18, 22	Westford, Boxford Quabbin (G40), Essex Ipswich (B. Palmer S.P.), IRWS	pair at nest, 1 or 2 1, 2 1, 2	S. Selesky, v. o. M. Lynch#, T. Raymond J. Brown, I. Lynch	
Least Flycatcher 28	Wollaston, Mt. A.	1, 1	G. d'Entremont, v. o.	
Eastern Phoebe 1, 4 10, 11 14, 16 28	Mt. A., Westford P.I., Boston (Franklin Park) High Ridge, P.I. Ipswich	8, 6 6, 6 26, 7 7	R. Stymeist, S. Selesky T. Aversa BBC (R. Stymeist), P. + F. Vale J. Berry#	
Great Crested Flycatcher 28 28	Winchester (Middlesex Fells) N. Dartmouth	1 1, 1	P. Roberts M. Boucher, K. Machado	
Eastern Kingbird 28 29	DWWS, Lakeville Holden, Mt. A.	1, 1 1, 1	T. Raymond#, BBC (D. Davis) B. Blodget, M. Lynch#	
Scissor-tailed Flycatcher 28-29	Manchester	1	S. Hedman + v. o.	
Horned Lark thr 1 21, 29	Ipswich (Crane B.) Salisbury, P.I. Mashpee, P.I.	2-4 8, 3 6, 6	D. Rimmer D. Chickering, BBC (D. + D. Oliver) P. Trimble, BBC (D. Chickering)	
Purple Martin 17, 22, 24 21-30	Middleboro P.I.	2, 8, 12 8 max 4/22	v. o. BBC (J. Center) + v. o.	
Tree Swallow 2; 2, 8 7, 12 13, 16 19	Lakeville; Westboro (SUASCO) Weston, IRWS GMNWR, P.I. W. Boylston	150+; 100, 300 350, 450 250, 1000 100+	M. Boucher; E. Taylor R. Stymeist, J. Brown W. Petersen, P. + F. Vale B. Blodget	
N. Rough-winged Swallow 6, 19 20; 20, 21 22 29	Ipswich, Wellesley Wayland; Wakefield Middleboro, Holden, Old Furnace Ipswich, Hyannis	1, 2 1; 2, 6 1, 2, 4 6, 6	J. Berry, R. Forster R. Forster; P. + F. Vale W. Petersen#, B. Blodget, M. Lynch# J. Brown, P. Trimble	
Bank Swallow 22, 29 29	New Braintree, Ipswich S. Dartmouth	1, 1 1	M. Lynch#, J. Berry M. Boucher	
Barn Swallow 13, 14 16, 21, 24 18; 22, 24 25 on	GMNWR, High Ridge P.I., Stoughton, S. Dartmouth General arrival.	2, 1 1, 3, 20+ 1, 3; 5	W. Petersen, BBC (R. Stymeist) P. + F. Vale, J. Young, R. Forster R. Titus; M. Boucher, LCES (J. Hill)	
Fish Crow thr, 1 7-28	Mt. A., Braintree Reports of 1 or 2 from the following locations: Weston, Sharon, Middleboro, Hanson, Wayland, Waltham, W. Newton, Topsfield (IRWS), Gloucester, Mashpee (1 on 4/28).	4-6, 3	R. Stymeist + v. o., R. Titus	

DATE	LOCATION	NUMBER	OBSERVERS	APRIL 1990
Common Raven				
8, 14	Ashburnham	1, 4	J. Gordon#, BBC (R. Stymeist)	
Boreal Chickadee	(from Nov.)			
1-19	W. Boylston	1	v. o.	
Tufted Titmouse				
14	Boxford	10	BBC (D. Cosgren)	
Red-breasted Nuthatch				
8	Quabbin (G40-43), N. Dart.	7, 10	M. Lynch#, M. Boucher	
14, 22	Ashburnham, Petersham	12, 10	BBC (R. Stymeist), M. Lynch#	
26, 29	Mt. A.	4, 4	BBC (F. Bouchard), BBC (D. + D. Oliver)	
28	N. Truro	40	T. Carrolan	
White-breasted Nuthatch				
14, 22	Boxford, Westford	8, 10	BBC (D. Cosgren), S. Selesky	
Brown Creeper				
1	Boxford, Byfield	4, 3	J. Berry, BBC (D. + D. Oliver)	
8, 14	Quabbin (G40-43), Ipswich	16, 2	M. Lynch#, J. Berry	
22	Holden, Westford	3, nest building	B. Blodget, S. Selesky	
Carolina Wren				
thr	Ipswich	1	J. Berry	
thr	Easton (from winter)	pair (f on nest 4/15, pair feeding yg 4/30)	K. Ryan	
13, 28	DWWS, Westport-Dartmouth	2, 21	M. Lynch#, W. Petersen#	
House Wren				
24, 29	Easton, W. Newbury	1, 2	K. Ryan, P. + F. Vale	
27-29	Reports of single birds from 7 locations.			
Winter Wren				
thr	Boxford	5 max 4/22	J. Berry + v. o.	
8	Quabbin (G40-43), Milton	2, 1	M. Lynch#, G. d'Entremont	
19	Westminster	1	B. Blodget	
22	Middleboro, Petersham	1, 3	W. Petersen#, M. Lynch#	
28	Canton (F.M.)	2	P. O'Neill	
Marsh Wren				
22, 28	Middleboro, P.I.	1, 1	W. Petersen#, M. Lynch#	
Golden-crowned Kinglet				
2, 8	N. Dartmouth	2, 8	M. Boucher	
7, 16, 17	Mt. A.	13, 10, 11	R. Stymeist + v. o.	
8, 15	Quabbin (G40-43), (G41)	25, 12	M. Lynch#	
10, 11	P.I., Boston (Franklin Park)	4, 16	T. Aversa	
14	High Ridge, W. Boylston	25+, 8	BBC (R. Stymeist), B. Blodget	
14	Boxford, Hamilton	5, 4	BBC (D. Cosgren), J. Berry	
21, 28	Mashpee	2, 4	P. Trimble	
20-29	Reports of 1-4 (total 16) from 7 locations.			
Ruby-crowned Kinglet				
7, 10	Westboro (SUASCO), P.I.	1, 2	M. Lynch#, T. Aversa	
14	High Ridge, P.I.	1, 1	BBC (R. Stymeist), D. Chickering	
16	Mt. A., Holden	4, 1	R. Stymeist, B. Blodget	
21, 22	Canton (F.M.), P.I.	9, 3	BBC (S. Olanoff), D. Chickering	
22	Petersham, Holden, IRWS	7, 10, 5	M. Lynch#, B. Blodget, P. + F. Vale	
28	P.I., MNWS	22, 18	M. Lynch#	
29	Holden, P'town	7, 6	B. Blodget, B. Nikula	
29, 30	Mt. A.	12, 20	D. + D. Oliver, D. Dillavou	
Blue-gray Gnatcatcher				
13	Cohasset (Whitney Woods)	1	D. Clapp + v. o.	
21, 28	P.I., Douglas	1, 1	P. + F. Vale, K. Machado	
29	IRWS, Mt. A.	pair, 1	J. Berry, M. Lynch#	
29, 30	P'town, N. Dartmouth	1, 1	J. Young, K. Machado	
Eastern Bluebird				
thr, 8	E. Middleboro, Byfield	1 or 2 pair, 4	K. Anderson, BBC (S. Moore)	
10	Easton	pair	K. Ryan	
14	High Ridge, Middleboro	9, 4	R. Stymeist#, W. Petersen#	
17-30, 29	Sharon, Mt. A.	pair, 2	R. Titus, v. o.	
Veery				
29	Holden	1	B. Blodget	
Hermit Thrush				
5, 8	Stoughton, Quabbin (G40-43)	1, 4	R. Titus, M. Lynch#	
10	Boxford, P.I.	2, 4	T. Aversa	
14	Boxford, Holden	4, 1	BBC (D. Cosgren), B. Blodget	
22	Boxford, Petersham	7, 7	J. Berry, M. Lynch#	
24, 26	Salem, Mt. A.	3, 4	I. Lynch, BBC (F. Bouchard)	
28, 29	MNWS, Petersham	9, 8	M. Lynch#	

DATE	LOCATION	NUMBER	OBSERVERS	APRIL 1990
American Robin				
1, 8	Bolton Flats, Wakefield	150, 50+	M. Lynch#, P. + F. Vale	
14, 15	High Ridge, New Braintree	380+, 152	BBC (R. Stymeist), M. Lynch#	
Varied Thrush				
2	Martha's Vineyard (Chilmark)	1 m	W. Manter#	
Gray Catbird				
27, 30	Mt. A.	1, 1	P. Shapiro, D. Dillavou	
28	P.I., Lakeville	2, 1	A. + B. Delorey, BBC (D. Davis)	
Brown Thrasher				
22	Belmont, S. Dartmouth	1, 1	L. Taylor, M. Boucher	
22	P.I.	1	D. Chickering	
26	Milford, Belmont	2, 2	G. Gove, L. Taylor	
28, 29	P.I.	4, 6	A. + B. Delorey, P. + F. Vale	
28	Squantum, Wollaston	1, 1	G. d'Entremont	
American Pipit				
14	Concord (Nine Acre Corner)	1	S. Perkins#	
24, 28	Ipswich, P.I.	2, 1	R. Forster, M. Lynch#	
Cedar Waxwing				
1	Ipswich, Rowley	50+, 58	J. Berry	
1	Bolton Flats, W. Newbury	52, 30	M. Lynch#, BBC (D. + D. Oliver)	
4, 10, 11	Burlington	40+, 95+, 200+	J. Berry	
7, 8	Mt. A., Wakefield	60, 80+	R. Stymeist, P. + F. Vale	
8, 18, 23	E. Middleboro	20, 75, 75	K. Anderson	
8, 14	Ipswich, W. Roxbury	45, 11	R. Titus, T. Aversa	
28, 29	Mt. A.	32, 25	v. o.	
Northern Shrike				
7	P'town	1	J. Brown	
White-eyed Vireo				
28, 28-29	Westport, MNWS	1, 1	W. Petersen, R. Heil#	
Solitary Vireo				
22, 29	Petersham	1, 9	M. Lynch#	
26	Waltham, IRWS	2, 1	L. Taylor, P. + F. Vale	
27	Mt. A., Wellesley	2, 1	v. o., R. Forster	
28, 28-30	MNWS, Mt. A.	4, 2 or 3	M. Lynch#, v. o.	
28	Reports of single birds from 5 locations.			
Yellow-throated Vireo				
27, 28	P'town, Mt. A.	1, 1	B. Nikula, v. o.	
Blue-winged Warbler				
28	Hanson, Westport; Truro	1, 1; 1	W. Petersen; J. Young	
Orange-crowned Warbler				
27, 28	Mt. A., P.I.	1, 1	G. Ferguson + v. o., M. Lynch#	
Nashville Warbler				
28	Concord, Wollaston	2, 1	R. Forster#, G. d'Entremont	
28	Boxford, IRWS	1, 1	H. Wiggin, P. + F. Vale	
29	Mt. A.	1	D. + D. Oliver	
Northern Parula				
28	MNWS, Mt. A.	3, 2	M. Lynch#, v. o.	
29	Mt. A., MNWS	4, 2	v. o., I. Lynch	
29	Reports of single birds from 5 locations.			
Yellow Warbler				
27	Wakefield, Wayland	1, 1	P. + F. Vale, R. Forster	
28	Dartmouth-Westport	10	W. Petersen#	
28-30	Reports of 1-3 (total 15) from 8 locations.			
Black-throated Blue Warbler				
29	Holden	1	B. Blodget	
Yellow-rumped Warbler				
22	Topsfield	40+	P. + F. Vale	
27, 28, 29	P'town	80, 200, 300	B. Nikula	
28	P.I., MNWS; Wollaston	253, 42; 75	M. Lynch#; G. d'Entremont	
29	Holden, Petersham, Sandwich	125+, 32, 30	B. Blodget, M. Lynch#, P. Trimble	
Black-throated Green Warbler				
28	Ipswich, P'town	6, 1	J. Berry, B. Nikula	
28-30	Mt. A.	2 or 3	v. o.	
29	Petersham; Holden, W. Boylston	9; 1, 1	M. Lynch#; B. Blodget	
Blackburnian Warbler				
28, 29	Mt. A., Petersham	1, 1	BBC (D. Desmond), M. Lynch#	
Pine Warbler				
8, 9	N. Dartmouth, Easton	5, 2	M. Boucher, K. Ryan	
10, 13	Concord, Cohasset	1, 2	R. Forster, D. Clapp	
15, 29	Quabbin (G41), Petersham	8, 6	M. Lynch#	

DATE	LOCATION	NUMBER	OBSERVERS	APRIL 1990
Pine Warbler (continued)				
16-30	SRV	8 singles	R. Forster	
21, 28	Mashpee	10, 20	P. Trimble	
24, 28	Halifax-Bridgewater, Lakeville	30+, 17	D. Briggs, BBC (D. Davis)	
Prairie Warbler				
25, 30	Saugus, N. Dartmouth	1, 1	P. + F. Vale, K. Machado	
Palm Warbler				
10	W. Newton, Easton	1, 2	T. Kuklinski, K. Ryan	
10, 11	Boxford, Boston (Franklin Park)	1, 5	T. Aversa	
12, 13	IRWS, Cohasset	26, 2	J. Brown, D. Clapp	
16, 19	Lexington, Waltham	4, 4	L. Taylor	
22	IRWS, Waltham	20+, 7	P. + F. Vale, L. Taylor	
22; 22, 23	Holden; GMNWR	16+; 10, 6	B. Blodget; S. Selesky, K. Ryan	
Black-and-white Warbler				
22, 26	Easton, Waltham	1, 1	K. Ryan, L. Taylor	
27-30	Mt. A.	10 max 4/30	v. o.	
28	MNWS; Squantum, Wollaston	6; 2, 5	M. Lynch#; G. d'Entremont	
29	Holden, Petersham	4, 5	B. Blodget, M. Lynch#	
28-30	Reports of 1 or 2 (total 12) from	10 locations.		
Prothonotary Warbler				
16-19, 28-30	Nantucket, MNWS	1 m, 1 or 2	J. Papale#, R. Heil#	
Ovenbird				
28	Hanson, Douglas	1, 1	W. Petersen, K. Machado	
29	Mt. A., Wenham	1, 1	v. o., J. Brown	
29, 30	Petersham, Sandwich	1, 2	M. Lynch#, P. Trimble	
Northern Waterthrush				
22, 27	Middleboro, E. Middleboro	1, 1	W. Petersen#, K. Anderson	
28	P.I., Lakeville	1, 1	M. Lynch#, BBC (D. Davis)	
29; 30	Holden, Petersham; MNWS	1, 4; 1	B. Blodget, M. Lynch#; I. Lynch	
Louisiana Waterthrush				
14	Boxford, High Ridge	1, 1	BBC (D. Cosgren), P. O'Neill	
22	Boxford	4	J. Berry	
28; 29	Ipswich, Braintree; Petersham	1, 1; 2	J. Berry, G. d'Entremont; M. Lynch#	
Hooded Warbler				
28-30, 29	Mt. A., Truro	1 m, 1	v. o., J. Young	
Summer Tanager				
18, 29	Eastham, P'town	1 m, 1 m	A. Thomas, B. Nikula	
Northern Cardinal				
thr	Mt. A.	10-12	v. o.	
Rose-breasted Grosbeak				
29-30	Nantucket (Madaket)	1 m	E. Andrews	
Dickcissel				
1-22	Weymouth (from March)	1 m	R. Campbell	
21	Marblehead	1 f	J. Smith	
Rufous-sided Towhee				
21, 22	Hanson, Boxford	1, 1	W. Petersen#, J. Berry	
24-30	Mt. A.	2-4	v. o.	
28	P.I., MNWS	4, 6	A. + B. Delorey, M. Lynch#	
28, 29	Wollaston, Holden	4, 9	G. d'Entremont, B. Blodget	
American Tree Sparrow				
1, 1-8	Bolton Flats, Newbury	4, 4-7	M. Lynch#, D. Chickering	
1, 21	P.I.	2, 2	BBC (D. + D. Oliver), G. Gove#	
14	Holden	1	B. Blodget	
Chipping Sparrow				
5, 16	Danvers, Wellesley	1, 1	I. Lynch, D. Clapp	
16-30	Mt. A.	11 max 4/29	v. o.	
22, 23	Hardwick, E. Middleboro	5+, 2	M. Lynch#, K. Anderson	
26	SRV	6 (general arrival)	R. Forster	
28	Boxford, Ipswich	5, 12	H. Wiggins#, J. Berry	
Field Sparrow				
2, 18	Easton, Sharon	6, 2	K. Ryan, R. Titus	
22, 29	Byfield, Mt. A.	5, 1	BBC (J. Center), BBC (D. + D. Oliver)	
30	N. Dartmouth	3	K. Machado	
Vesper Sparrow				
1, 8	Middleboro	2, 1	W. Petersen#, G. d'Entremont	
24	P.I.	1	R. Forster#	
Savannah Sparrow				
7, 16	Concord (Nine Acre Corner)	2, 24	R. Forster	
13, 21	GMNWR, Mashpee	2, 4	W. Petersen, P. Trimble	
13, 24	S. Dart. (Allens Pd)	5, 2	LCES (J. Hill)	

DATE	LOCATION	NUMBER	OBSERVERS	APRIL 1990
Grasshopper Sparrow (details submitted)				
14-15	Petersham	1	R. Jenkins#	
Sharp-tailed Sparrow				
25	Mattapoisett	1	B. Blodget	
Fox Sparrow				
1	Hopkinton, W. Newbury	1, 2	G. Gove, I. Giriunas	
7; 8	Acton; Boxford, Salisbury	1; 1, 1	R. Forster; BBC (S. Moore), R. Titus	
16	Mt. A.	1	v. o.	
Song Sparrow				
1	Bolton Flats, Newbypt area	41, 29	M. Lynch#, BBC (D. + D. Oliver)	
1, 7	Mt. A.	10, 13	R. Stymeist	
13, 14	DWWS, P.I.	16, 56	M. Lynch#	
21, 22	Mashpee, Hardwick	16, 16	P. Trimble, M. Lynch#	
Swamp Sparrow				
1	Bolton Flats	4	M. Lynch#	
14, 21	P.I.	1, 1	D. Chickering	
14, 27; 29	IRWS	1, 7; 10+	P. + F. Vale; J. Berry	
23, 28	GMNWR, Ipswich	10, 3	K. Ryan, J. Berry	
White-throated Sparrow				
thr, 7	Mt. A., Ipswich	55 max 4/29-30,	4 or 5 v. o., J. Berry	
28	MNWS, P.I.	25+, 3	M. Lynch#, A. + B. Delorey	
29	Holden, Petersham	28, 22	B. Blodget, M. Lynch#	
White-crowned Sparrow				
22	N. Dartmouth	1	M. Boucher	
Dark-eyed Junco				
7	Ipswich, Mt. A.	15, 76	J. Berry, R. Stymeist	
7, 8	Wachusett Res., Milton	10+, 10	M. Lynch#, G. d'Entremont	
11, 22	Boston (Franklin Park), Petersham	65, 12	T. Aversa, M. Lynch#	
28	Mashpee	2	P. Trimble	
Lapland Longspur				
1, 30	Middleboro, Easton	2+, 1	W. Petersen, K. Ryan	
Snow Bunting				
1, 23	Salisbury, Ipswich (Crane B.)	1, 1	D. Chickering, D. Rimmer	
Bobolink				
28	DWWS	1 m singing	D. Ludlow#	
Red-winged Blackbird				
1, 15	Bolton Flats, New Braintree	200+, 200+	M. Lynch#	
Eastern Meadowlark				
2-17, 4	Marlboro, Newbypt	1, 2	R. Graefe, R. Forster	
13, 16	DWWS, Sharon	5, 2 or 3	M. Lynch#, R. Titus	
28	Ipswich	5 or 6	J. Berry	
Yellow-headed Blackbird				
23	Eastham	1 m	fide R. Prescott	
Rusty Blackbird				
1	Middleboro, W. Newbury	3, 20	W. Petersen#, BBC (D. + D. Oliver)	
2, 6	Sharon, E. Middleboro	8, 20	R. Titus, K. Anderson	
8, 9	Braintree, Wakefield	2, 2	G. d'Entremont, P. + F. Vale	
12, 14	IRWS, High Ridge	18, 30	J. Brown, R. Stymeist#	
22	Wayland, Holden	30+, 2	R. Forster, B. Blodget	
26, 27	Waltham, Wayland	2, 5	L. Taylor, R. Forster	
Orchard Oriole				
30	S. Dartmouth	3 (1 imm m + 2 f)	M. Boucher	
Northern Oriole				
27	Lakeville	1	D. Briggs	
28	Squantum, Somerset	1, 1	G. d'Entremont, K. Machado	
Purple Finch				
thr	Hanson	6-8	W. Petersen	
6, 7	Sharon, Ipswich	9, 30-40	R. Titus, J. Berry	
10, 14	Boxford, High Ridge	3, 6	T. Aversa, R. Stymeist#	
22, 27	Topsfield, SRV	7, 7	G. Gove, R. Forster	
House Finch				
1-28, 14	Newbury, P.I.	37 max 4/12, 18	D. Chickering, M. Lynch#	
Red Crossbill				
29	Holden	8	B. Blodget	
White-winged Crossbill				
1-16	W. Boylston	15 max 4/14	v. o.	
Pine Siskin				
1, 8, 22	Boxford	5 or 6, 3, 4	J. Berry	
6, 7, 8	Sharon, Acton, Easton	2, 2, 1	R. Titus, R. Forster, K. Ryan	

DATE	LOCATION	NUMBER	OBSERVERS	APRIL 1990
Pine Siskin (continued)				
8, 14	Quabbin (G41), W. Boylston	9, 10+	M. Lynch#	
14	High Ridge, Lakeville	25, 8	R. Stymeist#, W. Petersen#	
16	Acton, Mt. A.	3, 2	R. Forster, R. Stymeist	
28	Westford	5 at feeder	S. Selesky	
American Goldfinch				
1, 26	Bolton Flats, Mt. A.	10, 20	M. Lynch#, BBC (F. Bouchard)	
28	Ipswich, Mashpee	10, 10	J. Berry, P. Trimble	
Evening Grosbeak				
1, 8	E. Middleboro, New Braintree	10, 1	K. Anderson, M. Lynch#	
14, 15	High Ridge, Oakham	18, 30	R. Stymeist, M. Lynch#	
22	Hardwick, Petersham	21, 4	M. Lynch#	
28, 29	Squantum, W. Boylston	2, 6	G. d'Entremont, B. Blodget	

LIST OF ABBREVIATIONS

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