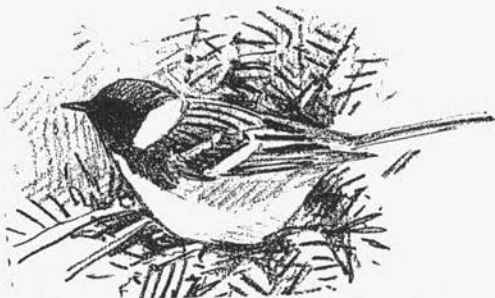


BIRD SIGHTINGS

APRIL 1994

SUMMARY



*Bay-breasted Warbler, April 28, 1994, Princeton, MA
Photocopy of Field Sketch by Barry W. Van Dusen*

by Richard A. Forster, Marjorie W. Rines and Robert H. Stymeist

April was warm, dry, and sunny, quite a relief from the previous three months of snow and ice. The temperature averaged 51.4° in Boston, 3.3° above normal; it was the seventh warmest April in Boston in 155 years. The high was 88° on April 27, and the low was 34° on April 2. Rainfall totaled 2.25 inches, 1.35 inches below normal, and snow was totally absent. Winds were out of the southwest on five days and out of the south or southeast on six days. Days favorable to migrants occurred April 10, 24, 25, and 30. R. H. S.

LOONS THROUGH WOODPECKERS

Reports of loons and grebes were normal with no obvious influxes, and observations of Northern Gannets were seasonally typical. The most interesting report of the heron group was two sightings of **Little Egret**. It is uncertain whether these sightings represented two different individuals. Both sported the two long head plumes characteristic of Little Egret, and the bird in Essex had bright orange lores. Otherwise, notable counts of particular interest were American Bittern at Plum Island, Snowy Egret and Little Blue Heron in Essex, and Glossy Ibis in Ipswich. The only Yellow-crowned Night-Heron was at a nontraditional, inland locality. Green Herons were fairly well reported during the latter part of the month.

Among waterfowl, there was little out of the ordinary. There was virtually no semblance of a Snow Goose flight. Both teal species were widely reported, with Greenwings particularly numerous. Only a handful of shovellers and pintails were noted. The Harlequin Ducks and Eurasian Wigeons were holdovers from March, but the King Eider at Westport was most likely a migrant. There were two reports of inland Red-breasted Mergansers, and the report of a lone Ruddy Duck underscores the scarcity of this species as a spring migrant now.

The raptor migration was generally inauspicious except for the American Kestrel. One hundred kestrels were apparently grounded by adverse weather in Middleboro, and 209 were noted migrating at Plum Island on the 26th. There were two sightings of **Black Vultures** on Nantucket. Turkey Vultures are common enough now that they do not merit special attention. With only a few exceptions Northern Goshawks were reported from breeding locations. The scattering of Rough-legged Hawks signaled the departure of birds to the north. Peregrine Falcon and Merlin were poorly reported.

Marsh birds arrived during the later portion of the month with Virginia Rails typically most numerous and widespread. **King Rails** are so scarce now that one in Bolton is noteworthy. Four reports of **Sandhill Crane** included two in Essex. The shorebird migration involved the usual species but in reduced numbers. The highlight was clearly a **Black-necked Stilt** found on Nantucket early in the month. The presence of two American Golden-Plovers early in the month follows a consistent trend in recent years for individuals to appear a month or more in advance of their normal migration period. The only Ruff reported was from North Falmouth, a very unusual location. Willets appeared to be late in arriving and Pectoral Sandpipers, always erratic in their spring appearances, seemed to be scarce. Three Wilson's Phalaropes at Plum Island were a bit early. The presence of a single dowitcher in Newburyport Harbor, which was reported as both species, illustrates the difficulty of dowitcher identification.

Among the handful of gull reports were one or two elusive Little Gulls in Newburyport Harbor and an adult Lesser Black-backed Gull inland at Concord. Terns begin to put in an appearance at the end of the month, and this year proved no exception. Interesting reports included a Caspian Tern at Plum Island and four early Black Skimmers in Wellfleet. The beginning of the month found two **Common Murres** and two Thick-billed Murres in Provincetown. Somewhat surprising in terms of numbers were the 120+ Razorbills in Nantucket Sound.

A Snowy Owl lingered at Plum Island to midmonth, and a Northern Saw-whet Owl at Boxford could have been either a resident or a migrant. The two Whip-poor-wills were only slightly early. The Ruby-

throated Hummingbirds were overshooting migrants across the Gulf of Mexico that eventually made a landfall in the outer reaches of our coast. This phenomenon happens annually, and it is typified by Indigo Buntings, among others, that arrive here several weeks in advance of their normal migration schedule. A pair of Red-headed Woodpeckers was in residence in Sherborn, where they have nested for at least the past five years. The movement of Yellow-bellied Sapsuckers was light and spanned most of the month. R. A. F.

Date	Location	Number	Observers	Date	Location	Number	Observers
Red-throated Loon				22	Westport	8	M. Lynch#
17	Provincetown	16	G. d'Entremont#	Little Egret			
17	Westport	8	BBC (R. Stymeist)	18-20	S. Dart. (A.Pd)	1 br pl	E. Nielsen+v. o.
17	Truro	10	J. Young	23	Essex	1 ad alt pl	R. Forster
23	P.I.	5	R. Forster	Snowy Egret			
Common Loon				thr	P.I.	17 max	v. o.
2	Plymouth	15	M. Lynch#	8	Scituate	2	D. Clapp
8	Brookfield	2	R. Bradbury	8, 22	S. Dart. (A.Pd)	1, 5	LCES (J. Hill)
10	Lakeville	1	K. Holmes	16	Newbury	11	R. Forster#
10	Wachusett Res.	4	M. Lynch#	17	Westport	6	BBC (R. Stymeist)
17	Provincetown	18	G. d'Entremont	23	Rowley	25	R. Forster#
19	S. Carver	1	J. Shaw	27	Essex	95	J. Berry
Pied-billed Grebe				Little Blue Heron			
13	Wayland	3	K. Hamilton	27	Essex	6-7 ad	J. Berry
1-26	Reports of indiv. from 13 locations			Tricolored Heron			
Horned Grebe				16	N. Scituate	1	R. Abrams
1	P.I.	25	M. Lynch#	29	P.I.	1	T. Blackman
2	Plymouth	7	M. Lynch#	29	Quincy	1	J. Tranicki
8	Brookfield	1	R. Bradbury	Cattle Egret			
16	Marblehead	25	M. Pelikan	6, 16	Newbury	1	v. o.
22	Westport	12	M. Lynch#	16	Ipswich	4	J. Berry
23	S. Dartmouth	2	G. d'Entremont#	27	Hamilton	6	T. Young
24	Cambridge (F.P.)	1 br pl	J. Barton#	Green Heron			
Red-necked Grebe				18	Middleboro	1	D. Briggs
2	Plymouth	12	M. Lynch#	20	Boston	1	T. Aversa
2	P'town H.	15	B. Nikula	21	Danvers	1	J. Brown#
3	Newburyport	4	D. Chickering	23	Andover	1	S. Charette
14	Petersham	1	J. Baird	24	Sudbury	1	R. Forster#
25	Dennis	15	K. Hamilton	28	P.I.	2	W. Drew#
Northern Gannet				30	Halifax	1	S. Arena#
17	Provincetown	150	G. d'Entremont#	Black-crowned Night-Heron			
20	Salisbury	11+	I. Lynch	8	Plymouth	2	D. Clapp
25	Dennis	475	K. Hamilton	12	P.I.	6	W. Drew#
27	Ipswich (C.B.)	2 ad	J. Berry	23	Medford	4	M. Rines
30	Stellwagen Bank	100	S. Arena#	Yellow-crowned Night-Heron			
Double-crested Cormorant				23	Medford	1 ad	M. Rines#
19	E. Middleboro	45 migr	K. Anderson	Glossy Ibis			
22	Westport	28	M. Lynch#	2	Nantucket	1	E. Andrews
23	Newbypt/P.I.	39	M. Lynch#	2	Topsfield	2	BBC (G. Gove)
24	Wayland	27	R. Forster#	16	Ipswich	74	J. Berry
26	Easton	125	S. Arena	20	Newbury	12	T. Young#
27	Wellesley	48	R. Forster	23	S. Dartmouth	1	S. Arena#
American Bittern				27	P.I.	12	L. Nachtrab
10-30	P.I.	8 max	W. Drew# + v. o.	Whooper Swan			
12	WBWS	1	J. Jones	thr	Ipswich	3 ad, 3 imm	J. Berry
15	Brookfield	1	R. Bradbury	Snow Goose			
22	Bolton	1	R. Bradbury	thr	Newburyport	23 max 4/3	v. o.
22	W. Newbury	1	P. + F. Vale	1-16	Brookline	1 imm	v. o.
24	Wayland	1	K. Hamilton#	2	Bolton Flats	1	E. Salmela
Great Blue Heron				3, 27	Ipswich	1 ad	J. Berry
1	W. Acton	15	M. Pelikan	17	Westport	1	BBC (R. Stymeist)
9	Spencer	4 nests	M. Lynch#	23	Salisbury	7	R. Forster#
9	GMNWR	16 migr	S. Perkins#	Brant			
9	Wayland	11 migr	K. Hamilton	thr	Ipswich (C.B.)	6-99	D. Rimmer#
12	P.I.	10	W. Drew#	2	Plymouth	290+	M. Lynch#
24	W. Boxford	8 n	BBC (T. Walker)	17	Newburyport	300	M. Pelikan
30	Sudbury	11 nests	K. Hamilton	17	Rowley	48	J. Berry
Great Egret				28	Marblehead	110+	I. Lynch#
thr	P.I.	5 max	v. o.	Wood Duck			
3	Arlington	1	L. Taylor	2, 23	Wakefield	14, 8	P. + F. Vale
8	S. Dart. (A.Pd)	5	LCES (J. Hill)	9	Rutland	17	M. Lynch#
16	Essex	2	R. Forster	9	GMNWR	28	S. Perkins#

Wood Duck (cont.)			
10	Bolton Flats	13	M. Lynch#
23	Andover	12	T. Young
28	Wayland	34	S. Arena
Green-winged Teal			
thr	P.I.	76 max 4/8	W. Drew#
2	Middleboro	40	W. Petersen#
3	Lynnfield	35	P. + F. Vale
3	W. Harwich	20+	B. Nikula
7	W. Bridgewater	30	G. d'Entremont
10	Bolton	100+	R. Bradbury
10	Concord (NAC)	165	R. Forster#
23	W. Newbury	46	M. Lynch#
American Black Duck			
8, 28	P.I.	152, 18	W. Drew#
Northern Pintail			
thr	P.I.	38 max	v. o.
2-5	Concord (NAC)	10	S. Perkins
8	Bolton	4	R. Bradbury
Blue-winged Teal			
thr	P.I.	21 max 4/8	W. Drew# + v. o.
5	Acushnet	4	M. Boucher
8	S. Dart. (A.Pd)	2	LCES (J. Hill)
8	Bolton	4	R. Bradbury
10	Lakeville	2	K. Holmes
15	Topsfield	15	J. Brown#
24	Bolton Flats	4	M. Lynch#
30	Wayland	4	S. Perkins
Northern Shoveler			
3	Arlington Res.	2 f	L. Taylor
7	Concord (NAC)	2	S. Perkins
10	Wayland	1 m	R. Forster#
20	P.I.	2	W. Drew#
Gadwall			
2	P.I.	16	BBC (G. Gove)
2	Plymouth	8	M. Lynch#
3	Wayland	2	S. Perkins
11	Arlington Res.	2	M. Rines
22	S. Dart. (A.Pd)	2	LCES (J. Hill)
30	Ipswich	14	BBC (J. Berry)
Eurasian Wigeon			
2	Plymouth	1 m	M. Lynch#
8	P.I.	1	W. Drew#
American Wigeon			
thr	Arlington Res.	1-6	M. Pelikan
2	Plymouth	54	M. Lynch#
2	Concord (NAC)	10	S. Perkins
8	P.I.	37	W. Drew#
21	Wakefield	3	P. + F. Vale
24	Cambridge (F.P.)	7	R. Stymeist#
Ring-necked Duck			
thr	P.I.	27 max 4/8	W. Drew#
2	S. Hanson	100+	W. Petersen#
3, 17	Arlington Res.	35, 23	L. Taylor
3	Wayland	80	S. Perkins
3	Wakefield	20	P. + F. Vale
4-5	Concord (NAC)	225	S. Perkins
8	W. Bridgewater	140+	G. d'Entremont
9	E. Brookfield	26	M. Lynch#
Greater Scaup			
17	Newburyport	55	D. Chickering
22	Acoaxet	39	M. Lynch#
Lesser Scaup			
1	P.I.	1	M. Lynch#
2	Plymouth	4	M. Lynch#
18	Clinton	2	R. Bradbury
Common Eider			
1	Salisbury/P.I.	72+	M. Lynch#
2	Plymouth	650+	M. Lynch#
King Eider			
17-27	Westport	1 m	E. Salmela + v. o.
Harlequin Duck			
2	Manomet	1 m	M. Lynch#
17	N. Scituate	6	W. Petersen
Oldsquaw			
17	Newburyport	700	BBC (S. Charette)
25	Dennis	950	K. Hamilton
Black Scoter			
17	Westport	50	BBC (R. Stymeist)
29	P.I.	43	D. Chickering
Surf Scoter			
2	Manomet	60+	M. Lynch#
17	Westport	20	BBC (R. Stymeist)
23	P.I.	30	R. Forster
White-winged Scoter			
2	Plymouth	100+	M. Lynch#
23	P.I.	350	R. Forster
Common Goldeneye			
1	Newburyport	400+	M. Lynch#
2	Plymouth	80+	M. Lynch#
9	Wayland	16	S. Perkins
Barrow's Goldeneye			
3	Newburyport	1 m	J. Johnstone
8	Newburyport	1 f	T. Aversa
Bufflehead			
1	Newburyport	380+	M. Lynch#
2, 21	Wakefield	25, 8	P. + F. Vale
2	GMMWR	18	S. Perkins
8	S. Dart. (A.Pd)	36	LCES (J. Hill)
9	W. Newbury	19	J. Berry#
Hooded Merganser			
9	Petersham	4	M. Lynch#
10	Essex	1 f	T. Young
28	P.I.	6	D. Chickering
Common Merganser			
3, 17	Arlington	30, 1	L. Taylor
9	W. Newbury	60	J. Berry#
10	Southboro	100	E. Taylor
Red-breasted Merganser			
2	Plymouth	80	M. Lynch#
3	Squantum	450+	G. d'Entremont
9	Southboro	1	R. Bradbury
15	Brookfield	1	R. Bradbury
17	Rowley	55	J. Berry
22	Westport	99	M. Lynch#
22	S. Dart. (A.Pd)	71	LCES (J. Hill)
Ruddy Duck			
24-28	W. Newbury	1 f	v. o.
Black Vulture			
11	Nantucket	1	fide J. Papale
19	Nantucket	2	P. Dunwiddie
Turkey Vulture			
3	Barre	21	M. Lynch#
3	Quabbin (G40)	27	M. Lynch#
17	Plymouth	14	G. d'Entremont
17	Truro	20	J. Young
25	Randolph	18	S. Arena
4-24	Reports of 1-5 indiv.	from 15	locations
Osprey			
thr	Essex	pr n	v. o.
15	Brookfield	3	R. Bradbury
17	Westport	76	BBC (R. Stymeist)
20	Mattapoisett	2	F. Smith
Bald Eagle			
17	Lakeville	1 imm	W. Petersen
17	New Braintree	1 imm	M. Lynch#
17	Petersham	2 ad migr	M. Lynch#
26	Concord	1	C. Bean
Northern Harrier			
8	P.I.	9	W. Drew#
23	Cumb. Farms	6	T. Aversa#
thr	Reports of indiv.	from 4	locations

Sharp-shinned Hawk					
3	Quabbin (G40)	4	M. Lynch#		
Sharp-shinned Hawk (cont.)					
17	Newbypt area	5	S. Charette		
22	P.I.	14	P. + F. Vale		
24	P.I.	11	D. Chickering		
30	N. Truro	29	B. Nikula#		
Cooper's Hawk					
thr	Reports of 1-2 indiv. from 11 locations				
Northern Goshawk					
1	E. Middleboro	1	K. Anderson		
1	New Bedford	1	T. Aversa		
3	Boxford	1 ad	J. Berry#		
20	P.I.	1	W. Drew#		
23	Weston	pr n	A. Sgroi		
27	Lincoln	pr n	W. Petersen		
29	Holliston	1	T. Aversa		
30	N. Truro	1 imm	B. Nikula#		
Red-shouldered Hawk					
thr	Boxford	2+		v. o.	
9	E. Middleboro	pr n	K. Anderson		
9	Milton	1	BBC (S. Olanoff)		
9	Groveland	1	D. Chickering		
17	Athol	2	M. Lynch#		
18	Newburyport	2	D. Chickering		
23	Barre	2	M. Pelikan		
Broad-winged Hawk					
9, 10	Milton	1, 1	N. Smith		
10	Lakeville	1	K. Holmes		
15	Easton	1	S. Arena		
15	Lincoln	1	W. Petersen		
15	Wellesley	2	R. Forster		
24	Harvard	20	M. Lynch#		
17-30	Reports of 1-2 indiv. from 8 locations				
Red-tailed Hawk					
9	SRV	18	BBC (S. Arena)		
17	Provincetown	6	G. d'Entremont#		
30	Ipswich	6	BBC (J. Berry)		
Rough-legged Hawk					
2	Ipswich	1	BBC (G. Gove)		
12	P.I.	1	W. Drew#		
17	Cumb. Farms	1	W. Petersen		
20	W. Newbury	1	S. Charette		
American Kestrel					
14, 20	P.I.	27, 17	S. Charette		
17	Eastham	8	G. d'Entremont#		
23	Middleboro	100+	E. Salmela		
24	Harvard	7	M. Lynch#		
26	P.I.	209	E. Mair		
Merlin					
thr	P.I.	1		v. o.	
17	Rowley	1	J. Berry		
21	Newbury	1	M. Rines		
24	Easton	1	S. Arena		
Peregrine Falcon					
thr	Boston	pr n		v. o.	
9	N. Monomoy	1 ad	B. Nikula		
12	Chatham (S.B.)	1	J. Sones#		
17	IRWS	1	M. Pelikan		
Ruffed Grouse					
thr	E. Middleboro	1-2	K. Anderson		
1	N. Andover	2	S. Charette		
9	Petersham	2	M. Lynch#		
24	W. Newbury	2	G. d'Entremont#		
thr	Reports of indiv. from 7 locations				
Wild Turkey					
5	Ipswich (C.B.)	4 m	D. Rimmer		
9	Boxford	4-5	J. Berry#		
9	Petersham	2	M. Lynch#		
14	S. Dartmouth	1	J. Hill		
Northern Bobwhite					
7	E. Middleboro	2	K. Anderson		
17	Eastham (F.H.)	2	G. d'Entremont#		
King Rail					
14	Bolton	1	R. Bradbury		
Virginia Rail					
1	N. Middleboro	2	K. Holmes		
14	Bolton	1	R. Bradbury		
15	Randolph	1	G. d'Entremont		
24	Bolton Flats	7	M. Lynch#		
27	W. Roxbury	4	T. Aversa		
29	Milford	4	T. Aversa		
Sora					
24	Bolton Flats	1	M. Lynch#		
24	GMNWR	1	J. Mallet		
30	Wayland	1	S. Perkins		
American Coot					
2	Plymouth	171	M. Lynch#		
2-10	Concord (NAC)	1	S. Perkins + v. o.		
7	Sudbury	1	H. Parker		
16	Boston	2	BBC (R. Stymeist)		
Sandhill Crane					
15	Cumb. Farms	1 ad	T. Aversa		
18-19	Plympton	1	K. Anderson + v. o.		
21	Sherborn	1	M. Martinek		
24	Essex	2	T. Young# + v. o.		
Black-bellied Plover					
12, 28	N. Monomoy	60, 225	B. Nikula		
American Golden-Plover					
7	W. Bridgewater	3	D. Brown#		
10-12	P.I.	1	T. Young + v. o.		
Piping Plover					
thr	Ipswich (C.B.)	10-31	D. Rimmer#		
8	P.I.	11	W. Drew#		
8	S. Dart. (A.Pd)	5	LCES (J. Hill)		
9	Lakeville	1	S. Peak#		
12	N. Monomoy	7	B. Nikula		
22	Acoaxet	4	M. Lynch#		
Killdeer					
2	Newbypt area	40	BBC (G. Gove)		
6	Sharon	11	S. Arena		
7	W. Bridgewater	12	D. Brown#		
10	Bolton Flats	11	M. Lynch#		
American Oystercatcher					
thr	N. Monomoy	16 max	B. Nikula#		
17	Edgartown	2	T. Young		
17	Boston (Logan)	2	N. Smith		
28	Fairhaven	2	M. Boucher		
Black-necked Stilt					
2-3	Nantucket	1	J. Papale		
Greater Yellowlegs					
8, 24	Newbypt	9, 160	T. Aversa, R. Forster		
19	Cumb. Farms	15	K. Anderson#		
19	Uxbridge	1	R. Bradbury		
24	Topsfield	30	R. Forster		
24	Bolton	1	R. Bradbury		
24	Quincy	6	K. Ryan		
30	Plymouth	5	S. Arena#		
Lesser Yellowlegs					
19	Cumb. Farms	4	K. Anderson#		
20	S. Dart. (A.Pd)	1	M. Boucher		
23-30	Newburyport	1-35		v. o.	
29	Squantum	1	K. Ryan		
Solitary Sandpiper					
20	Sandwich	1	S. Miller#		
23	Bolton	2	R. Bradbury		
23	Topsfield	1	R. Forster#		
30	W. Newbury	5	T. Young		
Willet					
8	S. Dart. (A.Pd)	2	LCES (J. Hill)		
22	Westport	3	M. Lynch#		
30	Newburyport	2	P. + F. Vale		

Spotted Sandpiper								
27 Uxbridge	1		R. Bradbury					
Upland Sandpiper								
17 Salisbury	1		D. Chickering					
23 Middleboro	11		E. Salmela					
28 Medford	1		M. Rines					
30 Newburyport	2		P. + F. Vale					
30 S. Dartmouth	1		F. Thurber					
Sanderling								
thr Ipswich (C.B.)	8-42		D. Rimmer#					
17 Westport	42		BBC (R. Stymeist)					
23 P.I.	30		R. Forster					
Least Sandpiper								
27 Uxbridge	1		R. Bradbury					
28 N. Monomoy	3		B. Nikula					
29 W. Harwich	4		B. Nikula					
29 S. Dartmouth	14		M. Boucher					
30 Newburyport	15		P. + F. Vale					
Pectoral Sandpiper								
3 Newbury	3		E. Salmela					
7 W. Bridgewater	12		D. Brown#					
10 Concord (NAC)	4		M. Pelikan					
23 Essex	10		R. Forster#					
Purple Sandpiper								
17 Westport	36		BBC (R. Stymeist)					
23 S. Dartmouth	15		G. d'Entremont#					
Dunlin								
8 S. Dart. (A.Pd)	69		LCES (J. Hill)					
10, 17 Newburyport	80, 40		M. Pelikan					
12, 28 N. Monomoy	150, 500		B. Nikula					
Ruff								
27-29 N. Falmouth	1 m		I. Nisbet					
Short-billed Dowitcher								
8 S. Dart. (A.Pd)	2		LCES (J. Hill)					
10 Concord (NAC)	5		E. Taylor					
23 Newburyport	1		v. o.					
Long-billed Dowitcher								
24 Newburyport	1		G. d'Entremont#					
Common Snipe								
2 Newbury	35		M. Rines					
8 Topsfield	17		T. Aversa					
8 Bolton	35		R. Bradbury					
9 Cumb. Farms	35		T. Aversa					
10 Concord (NAC)	45		S. Perkins					
16 Newburyport	100+		M. Lynch#					
23 Essex	30		R. Forster#					
American Woodcock								
3 Lexington	3		BBC (S. Sanders)					
3 Barnstable	8		H. Ferguson					
Wilson's Phalarope								
28 P.I.	3		W. Drew#					
Little Gull								
3-22 Newburyport	1-2		v. o.					
Common Black-headed Gull								
1-24 Newburyport	1		v. o.					
Bonaparte's Gull								
17 Newburyport	100		BBC (S. Charette)					
24 Lynn	265		J. Quigley					
Ring-billed Gull								
16 Ipswich	400		R. Forster#					
Iceland Gull								
6 Newburyport	9		N. Claflin					
7 Lynn	2 ad		J. Quigley					
17 Provincetown	1		G. d'Entremont#					
Lesser Black-backed Gull								
4-9 Concord (NAC)	1 ad		R. Fox + v. o.					
Caspian Tern								
27 P.I.	1		L. Nachtrab					
Common Tern								
30 Stellwagen	50		S. Arena#					
Black Skimmer								
17 Wellfleet	4		J. Young					
Common Murre								
1 P'town (R.P.)	2		C. Floyd					
Thick-billed Murre								
1 P'town (R.P.)	1		C. Floyd					
2 P'town H.	1		B. Nikula					
3 Rockport (A.P.)	1		S. Charette					
Razorbill								
10 Nant. Sound	120+		J. Soncs#					
23 Marion	1		J. Hatch					
Black Guillemot								
30 Cape Cod Bay	4		S. Arena#					
Great Horned Owl								
thr Gloucester	pr + 1 yg		T. Young					
3 Wayland	2		S. Perkins					
17 Halifax	3		T. Raymond					
23 N. Andover	2		D. Chickering					
30 W. Boxford	2 yg		S. Charette					
Snowy Owl								
1-15 P.I.	1		v. o.					
Barred Owl								
thr Sherborn	6		E. Taylor					
23 Boxford (C.P.)	2		I. Lynch					
30 Middleboro	1		D. Briggs					
Northern Saw-whet Owl								
8 Boxford	1		T. Aversa					
Whip-poor-will								
16 Wellesley	1		E. Libben					
19 Littleton	1		J. Mitchell					
Chimney Swift								
18 N. Dartmouth	1		M. Boucher					
24 Easton	1		S. Arena					
27 Boston	1		T. Aversa					
27 Mt. A.	1		v. o.					
30 Ipswich	4		J. Berry					
30 Salem	3		I. Lynch					
Ruby-throated Hummingbird								
20-30 Mattapoisett	1		F. Smith					
21 Marblehead	1		S. Ingalls#					
Red-headed Woodpecker								
thr Sherborn	2		E. Taylor					
Red-bellied Woodpecker								
1 Acton	2		K. Castle					
1 S. Dartmouth	2		T. Aversa					
12 Boston (F.Pk)	1 f		T. Aversa					
22-30 Braintree	1 m		G. d'Entremont					
27 Medford	pr		M. Rines					
Yellow-bellied Sapsucker								
8 IRWS	1 m		T. Aversa					
12-18 Boston (F.Pk)	4		T. Aversa					
13, 25 Mt. A.	1, 2		M. Rines					
15 Truro	1		S. Miller#					
Hairy Woodpecker								
thr Boxford	2-3		J. Brown#					
9 SRV	4		BBC (S. Arena)					
Northern Flicker								
12 Boston (F.Pk)	46		T. Aversa					
14 Medford	19		M. Rines					
17 Westport	20		BBC (R. Stymeist)					
24 Waltham	17		L. Taylor					
Pileated Woodpecker								
thr Sherborn	4		E. Taylor					
thr Boxford (C.P.)	1-2		v. o.					
9 Milton	1		S. Olanoff					
9 Quabbin (G41)	1		M. Lynch#					
17 Wellesley	1		R. Forster#					
30 Stow	1		M. Rines#					

FLYCATCHERS THROUGH FINCHES

Passerine movement begins in earnest during April. Greater numbers of phoebes and swallows arrive early in the month, and typical April migrants begin arriving in mid-April. Unusual early migrants included a Northern Parula in Provincetown on April 12, two Black-throated Blue Warblers in Boxford on the 23rd, a Prairie Warbler at Great Meadows on April 16, a Bay-breasted Warbler in Princeton on April 28, and a Worm-eating Warbler at Salisbury on April 16. A Cerulean Warbler on April 25 and Kentucky and Wilson's warblers on April 29 were seen at Mt. Auburn Cemetery.

In Brewster holdovers from the winter season included a **Painted Bunting** and as many as 62 **Bohemian Waxwings**.

A **Northern Wheatear** was discovered on Jetties Beach, Nantucket, on April 1, where it remained until April 3. This is only the fifth spring record for wheatear in Massachusetts. The bird was probably a returning migrant from last fall's unprecedented flight.

A "**White-winged**" **Junco** was photographed and banded in Marion on April 1. The "White-winged" Junco (*Junco hyemalis aiken*) is generally found in the ponderosa pine forests of the northern Great Plains and the Black Hills of South Dakota. It is very similar to our "Slate-colored" but has much more white in the tail and two white wing bars. The Marion bird met these criteria and represents the first verifiable report of this subspecies in Massachusetts.

Winter finches continued to be reported, with both species of crossbills noted throughout the month in some locations. Most Common Redpolls departed by April 12.

R. H. S.

Date	Location	Number	Observers	Date	Location	Number	Observers
Least Flycatcher				Fish Crow			
30	Bolton	2	R. Bradbury	30	Mt. A.	4	E. Taylor
30	ONWR	2	M. Rines#	30	Ipswich	6	BBC (J. Berry)
Eastern Phoebe				thr Reports of 1-2 indiv. from 11 locations			
1	Barre	5	M. Pelikan	Common Raven			
5	Worc. (BMB)	14	M. Lynch#	1	Barre	1	M. Pelikan
10	N. Middleboro	6	K. Holmes	17	Petersham	pr	M. Lynch#
14	Waltham	5	L. Taylor	Boreal Chickadee			
30	Ipswich	3 nests	J. Berry	2	W. Boylston	1	BBC (E. Salmela)
Great Crested Flycatcher				14	Truro	1	T. Carrolyn
28	Medford	1	M. Rines	Red-breasted Nuthatch			
Eastern Kingbird				3	Quabbin (G40)	19	M. Lynch#
25-30 Reports of 1-2 indiv. from 7 locations				9	Freetown	15	T. Aversa
Horned Lark				9	Petersham	21	M. Lynch#
thr	Ipswich (C.B.)	2-6	D. Rimmer	Brown Creeper			
24	W. Boxford	6	BBC (T. Walker)	8	Boxford	10	T. Aversa
Purple Martin				29	Holliston	5	T. Aversa
15-30	P.I.	20 max	v. o.	30	Ipswich	4	BBC (J. Berry)
Tree Swallow				Carolina Wren			
5	Sudbury	200	S. Perkins	2	Plymouth	3	M. Lynch#
8	Wayland	200	S. Arena	5	Worc. (BMB)	1	M. Lynch#
9	Brookfield	250+	M. Lynch#	15	Malden	1	P. + F. Vale
16	GMNWR	300	M. Pelikan	16	MNWS	2	M. Pelikan
N. Rough-winged Swallow				17	Westport	6	BBC (R. Stymeist)
5	Concord (NAC)	1	S. Perkins	20	Medford	1	M. Rines
9	Wellesley	1	R. Forster	27	Lexington	1	L. Taylor
9	Milton	2	P. Fitzgerald	House Wren			
10	Topsfield	1-2	H. Wiggin#	17	Westport	1	M. Boucher
14-30	General arrival			18	E. Middleboro	1	K. Anderson
Bank Swallow				21	MNWS	1	S. Ingalls
7	New Braintree	8	M. Lynch#	22-30	Mt. A.	1-2	v. o.
22, 25	Wayland	2, 8	R. Forster	29	Holliston	3 m	T. Aversa
23	GMNWR	3	M. Pelikan	30	Newton	3	G. d'Entremont#
23	P.I.	2	J. Brown#	Winter Wren			
Cliff Swallow				thr	Boxford (C.P.)	4 max	v. o.
21	Wayland	2	K. Hamilton	9	Quabbin (G40)	1	M. Lynch#
Barn Swallow				14	Medford	1	M. Rines
3	Lincoln	1	M. Pelikan	15	Cambridge	1 m	H. Pratt
10	Topsfield	3	H. Wiggin#	17	Hardwick	1	M. Lynch#
10	Dorchester	1	J. Young	24	Westport	1	M. Boucher
10	Concord (NAC)	1	S. Perkins	27	Westminster	1	BBC (J. Kennedy)
15-30	General arrival			Marsh Wren			
American Crow				15	Wayland	1	R. Forster
9	Framingham	500	E. Taylor	30	Wayland	8	S. Perkins

Golden-crowned Kinglet			
10	Wachusset Res.	15+	M. Lynch#
15	P.I.	10	K. Disney
Ruby-crowned Kinglet			
5, 12	Worc. (BMB)	1, 3	M. Lynch#
9	Boxford (C.P.)	2	R. Stymeist#
14, 23	Medford	1, 7	M. Rines
15	P.I.	50+	K. Disney
15	Wellesley	4	R. Forster
22-30	Mt.A.	26 max	v. o.
Blue-gray Gnatcatcher			
9	Boxford	1	M. Rines#
14	Medford	1	M. Rines
18-30	Mt.A.	5 max 4/25	v. o.
24	IRWS	10	F. Bouchard
24	P.I.	5	T. Young
28	Wayland	7	S. Arena
22	Boxford	10	T. Aversa#
17-30	Reports of 1-2 indiv. from 12 locations		
Northern Wheatear			
1-3	Nantucket	1	J. Shagrin
Eastern Bluebird			
5	Worc. (BMB)	5	M. Lynch#
23	Carlisle	5	BBC (D. Brownrigg)
24	W. Boxford	3	BBC (T. Walker)
27	Westminster	8	BBC (J. Kennedy)
thr	Reports of 1-2 indiv. from 8 locations		
Hermit Thrush			
3	Salisbury	1	E. Salmela
4	Sherborn	1	E. Taylor
10-30	Mt.A.	8 max 4/25	v. o.
10	Boston (F.Pk)	8	T. Aversa
12, 20	Worc. (BMB)	1, 4	M. Lynch#
15	P.I.	24	D. Chickering
15	Wayland	4	K. Hamilton
23	Boxford	5	I. Lynch
Wood Thrush			
15	Malden	2	P. + F. Vale
27	Westminster	1	BBC (J. Kennedy)
29	Mt.A.	1	M. Rines
Gray Catbird			
25	Manomet	1	T. Lloyd-Evans
28	Mt.A.	1	M. Rines
28	Wayland	3	S. Arena
28	Marshfield	6	S. Arena
28	Essex	1	T. Young
28	Wellesley	1	R. Forster
29	Boxford	2	J. Brown#
Brown Thrasher			
12, 29	Lexington	1, 6	M. Rines
12	Worc. (BMB)	1	M. Lynch#
16	P.I.	3	R. Forster#
20	Medford	4	M. Rines
27	Plymouth	3	G. d'Entremont
29	Holliston	3	T. Aversa
16-30	Reports of 1-2 indiv. from 7 locations		
American Pipit			
7	W. Bridgewater	2	D. Brown#
9	Cumb. Farms	48	T. Aversa
16	Newbury	1	H. Wiggin#
Bohemian Waxwing			
7, 9	Brewster	62, 1	A. King
Cedar Waxwing			
5	Worc. (BMB)	45	M. Lynch#
10	Lakeville	50+	K. Holmes
16	W. Roxbury	75	T. Aversa
17	Newbury	25	M. Pelikan
17	Cumb. Farms	20	W. Petersen
White-eyed Vireo			
29	E. Sandwich	1	S. Miller#
30	Provincetown	1	B. Nikula
Solitary Vireo			
10	Burlington	1	R. Stymeist#
15	Middleboro	1	T. Aversa
22-30	Mt.A.	8 max 4/25	v. o.
22	Boxford	6	T. Aversa#
27	Westminster	5	BBC (J. Kennedy)
27	Medford	4	M. Rines
28	Marshfield	4	S. Arena
Yellow-throated Vireo			
20	Sandwich	1	S. Miller#
23-24	Provincetown	1	G. Martin#
Warbling Vireo			
24	Wayland	1	R. Forster#
27-30	Wellesley	1	R. Forster
28-30	Reports of 1-2 indiv. from 7 locations		
Red-eyed Vireo			
27	Westminster	1	BBC (J. Kennedy)
Blue-winged Warbler			
29	Easton	1	K. Ryan
30	Bridgewater	1	K. Holmes
Nashville Warbler			
28-30	Mt.A.	1	v. o.
29	Holliston	1 m	T. Aversa
29	Wayland	1	S. Arena
30	ONWR	1	R. Bradbury
30	Boxford (C.P.)	1	H. Wiggin#
Northern Parula			
12	Provincetown	1	J. Sones#
24	Waltham	4	L. Taylor
25	Mt.A.	5	M. Rines
28	Boston (F.Pk)	2	T. Aversa
29	Holliston	2	T. Aversa
30	Boxford (C.P.)	1	H. Wiggin#
Yellow Warbler			
21	Milton	1	C. Harrison
25	Wayland	1	R. Forster#
27	Halifax	4 m	K. Anderson
27	W. Roxbury	3 m	T. Aversa
28-30	Reports of individ. from 4 locations		
Black-throated Blue Warbler			
23	Boxford (C.P.)	2	I. Lynch
28	Essex	1 m	T. Young
Yellow-rumped Warbler			
8-30	Wayland	150 max 4/25	S. Arena
12, 14	Worc. (BMB)	6, 14	M. Lynch#
15	Ipswich	7+	J. Berry
16	Concord	15	M. Pelikan
16-30	Mt.A.	26 max 4/25	v. o.
17	Bolton	7	R. Bradbury
27	Medford	22	M. Rines
Black-throated Green Warbler			
20	W. Barnstable	1	S. Miller#
23	Petersham	2	R. Bradbury
23	Boxford (C.P.)	6	I. Lynch
27-30	Mt.A.	3 max	v. o.
29	Holliston	3 m	T. Aversa
30	Ipswich	4	BBC (J. Berry)
Blackburnian Warbler			
30	Boxford (C.P.)	1 m	L. Taylor#
30	Provincetown	1	B. Nikula#
30	MNWS	1	J. Center#
Yellow-throated Warbler			
27	Provincetown	1	E. + S. Miller
Pine Warbler			
3	Quabbin (G40)	2	M. Lynch#
3	E. Middleboro	2	K. Anderson
9-30	Boxford	2	J. Berry
9	Freetown	15	T. Aversa
10	Middleboro	5	K. Holmes
11	Wellesley	2	R. Forster
11	Yarmouthport	16	K. Hamilton

Prairie Warbler			
16	GMNWR	1	D. Cooper
24	Westport	1	M. Boucher
28	MNWS	1	I. Lynch#
29	Holliston	1 m	T. Aversa
30	Halifax	1	S. Arena
30	Boston (F.Pk)	1 m	J. Young
30	Lakeville	1	K. Holmes
30	P.I.	1	T. Young
30	MBWMA	2	P. + F. Vale
Palm Warbler			
4	Lincoln	1	W. Petersen
8-30	Wayland	12 max 4/29	S. Arena
9	Concord	1	M. Pelikan
10	Waltham	1	L. Taylor
10	Sudbury	1	R. Forster#
10	Wayland	1	R. Forster
10	Burlington	2	M. Rines#
15	P.I.	35	J. Brown#
15	Ipswich	15+	J. Berry
25	Mt. A.	14	M. Rines
27	Medford	21	M. Rines
Bay-breasted Warbler (details submitted)			
28	Princeton	1	B. Van Dusen
Cerulean Warbler			
25-28	Mt. A.	1 m	M. Rines + v. o.
Black-and-white Warbler			
16-30	Mt. A.	1-5	v. o.
17	Arlington Res.	1	M. Steele#
19	Manomet	1	T. Lloyd-Evans
20	Boston	1 m	T. Aversa
27	Medford	6	M. Rines
28	Boston (F.Pk)	6 m	T. Aversa
30	Boxford (C.P.)	12	L. Taylor#
American Redstart			
28-30	Mt. A.	6 max 4/30	v. o.
Prothonotary Warbler			
17	Andover	1 m	J. Greenspan
19	Milton	1	v. o.
24	S. Orleans	1	C. McGinley
Worm-eating Warbler			
16-18	Salisbury	1	T. Henderson + v. o.
Ovenbird			
27	Westminster	1	BBC (J. Kennedy)
29	Mt. A.	1	M. Rines
30	Ipswich	13	BBC (J. Berry)
30	Boxford (C.P.)	6	D. Lange#
Northern Waterthrush			
24	E. Middleboro	1 m	K. Anderson
25	Wayland	1	S. Arena
27	Boxford	1 m	J. Berry
29	Holliston	9 m	T. Aversa
30	Ipswich	3	BBC (J. Berry)
Louisiana Waterthrush			
6-30	Boxford (C.P.)	1-4	v. o.
17	Hardwick	1	M. Lynch#
17	Petersham	3	M. Lynch#
Kentucky Warbler			
29-30	Mt. A.	1 m	v. o.
Common Yellowthroat			
28	Wayland	2 m	S. Arena
30	Boxford (C.P.)	1	J. Center
30	Ipswich	1	BBC (J. Berry)
30	N. Middleboro	2	K. Holmes
Wilson's Warbler			
29	Mt. A.	1	v. o.
Scarlet Tanager			
27	Brookline	1	H. Wiggin
Rose-breasted Grosbeak			
24	ONWR	1	M. Lynch#
27	Ipswich	1 m	J. Berry
Indigo Bunting			
10-30	Cape Cod	10	fide J. Sones
15	Yarmouthport	1	S. + E. Miller
18	Mattapoisett	1 m	F. Smith
23	Boxford (C.P.)	2	I. Lynch
30	Lakeville	1	K. Holmes
Painted Bunting			
1-11	Brewster	1 m	A. Furman
Rufous-sided Towhee			
1	Wayland	1	S. Arena
10	Westford	1	M. Rines#
10	Marshfield	1 m	D. Clapp
12, 20	Worc. (BMB)	5, 11	M. Lynch#
17	Westport	6	BBC (R. Stymeist)
27	Medford	15	M. Rines
American Tree Sparrow			
5, 12	Worc. (BMB)	13, 2	M. Lynch#
28	Wayland	1	S. Arena
Chipping Sparrow			
8	IRWS	1	T. Aversa
8-30	Mt. A.	11 max 4/25	v. o.
9	E. Middleboro	1 m	K. Anderson
10	Boxford	1 m	J. Berry
11	Wellesley	1	R. Forster
18	Westport	20	M. Boucher
Field Sparrow			
5, 12	Worc. (BMB)	6, 11	M. Lynch#
9	Brewster	1	M. Eddy
9	MBWMA	1	P. + F. Vale
14	Boxford	3	T. Walker#
17	Woburn	4	BBC (D. Oliver)
Vesper Sparrow			
9, 16	Essex	1	T. Young + v. o.
17	Wellfleet	3	G. d'Entremont#
22	Plympton	1	M. Lynch#
27	W. Roxbury	1	T. Aversa
Savannah Sparrow			
4	Cotuit	2	S. + E. Miller
17	Cumb. Farms	48	T. Raymond
24	W. Boxford	20+	T. Young
27	W. Roxbury	43	T. Aversa
28	Boston (F.Pk)	17	T. Aversa
"Ipswich" Savannah Sparrow			
9	N. Monomoy	1	B. Nikula
Sharp-tailed Sparrow			
8	S. Dart. (A.Pd)	1	LCES (J. Hill)
Fox Sparrow			
1	Wayland	3	S. Arena
2	Malden	1	P. + F. Vale
2	Waltham	7	L. Taylor
2, 28	Boxford	1, 1	J. Brown#
3	Easton	5	S. Arena
9	Concord	3-4	M. Pelikan
10	Billerica	1	R. Stymeist#
10	Wayland	1	R. Forster
27	P.I.	1	L. Nachtrab
Swamp Sparrow			
22	Salem	3	I. Lynch
24	P.I.	6	T. Young
24	Bolton Flats	11	M. Lynch#
30	Wayland	7	S. Perkins
White-throated Sparrow			
25	Mt. A.	53	M. Rines
28	Boston (F.Pk)	112	T. Aversa
White-crowned Sparrow			
thr	Swampscott	1	S. Ingalls
1	S. Dartmouth	5	T. Aversa
18	Truro	3	S. Lum
18-22	Watertown	1 ad	J. Heywood#
Dark-eyed Junco			
thr	Ipswich	6 max	J. Berry

Dark-eyed Junco (cont.)									
22	E. Middleboro	1		K. Anderson	23	Carlisle	5	BBC (D. Brownrigg)	
23	Randolph	1		G. d'Entremont	24	SRV	5	R. Forster	
24	P.I.	1		E. Salmela#	24	P.I.	4	G. d'Entremont#	
"White-winged" Junco					29	Holliston	5	T. Aversa	
1	Marion	1 b (ph)		W. Evill	30	Boxford (C.P.)	5+	L. Taylor#	
Lapland Longspur					thr	Reports of 1-3 indiv. from 10 locations			
15	Cumb. Farms	3		T. Aversa	Red Crossbill				
28	N. Monomoy	7		B. Nikula	1	Milton	6	D. Morimoto	
Snow Bunting					3	Quabbin (G40)	24	M. Lynch#	
19	Ipswich (C.B.)	1		D. Rimmer	9	Freetown	3	T. Aversa	
25	Dennis	1		K. Hamilton	9	Boxford (C.P.)	6	R. Stymeist#	
Eastern Meadowlark					9-30	Worcester	40	E. Banks	
3	Newburyport	1		M. Pelikan	White-winged Crossbill				
24	W. Boxford	3		BBC (T. Walker)	thr	Mt.A.	pr	v. o.	
27	Essex	2		J. Berry	1	W. Boylston	6	G. Parker	
30	Halifax	4		K. Holmes	Common Redpoll				
Rusty Blackbird					1-3	Boxford	1-6	J. Brown#	
3, 24	Wayland	70, 30		S. Perkins, R. Forster	4	N. Middleboro	1	K. Holmes#	
2	Waltham	pr		L. Taylor	4	Pepperell	60	L. High	
2	Wakefield	4		P. + F. Vale	4-7	Worcester	80+	E. Banks	
5	Lexington	45		M. Pelikan	9	Natick	2	E. Taylor	
12, 29	Acton	5, 50		J. Center	12	Lexington	1	M. Rines	
16	W. Roxbury	4		T. Aversa	Pine Siskin				
24	W. Boxford	2		BBC (T. Walker)	2	Boxford	1	J. Brown#	
30	Westwood	290		E. Nielsen	2	W. Boylston	20	E. Salmela	
Orchard Oriole					8, 13	Lincoln	1, 2	W. Petersen	
28-30	Wellesley	1 ad m		R. Forster	Evening Grosbeak				
30	N. Dartmouth	1		M. Boucher	3	Barre	15	M. Lynch#	
Northern Oriole					17	Hardwick	10	M. Lynch#	
22	Weymouth	2		R. Campbell#	17	Petersham	20	M. Lynch#	
24	Lexington	1		C. Floyd	19	E. Middleboro	1 m	K. Anderson	
28-30	Wellesley	1		R. Forster	27	Boxford	2	J. Berry	
30	Mt.A.	2		M. Rines	29	Wellesley	4	R. Forster	
Purple Finch					30	Provincetown	10+	B. Nikula#	

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SPECIAL HAWKWATCH PROGRAM

Clay Taylor, renowned hawk bander at Cape May, New Jersey, and Braddock Bay, New York, will be the special guest speaker at the annual meeting of the Eastern Massachusetts Hawk Watch on Thursday, September 8, 1994. The meeting, which begins at 7:30 PM, will be held at the Nature Center of Massachusetts Audubon's Drumlin Farm Sanctuary in Lincoln. The public is invited, free of charge. For more information, call Paul Roberts at 617-483-4263 (call between 8-9:30 PM).

LIST OF ABBREVIATIONS

ad	adult	yg	young
alt	alternate	#	additional observers
b	banded	A.A.	Arnold Arboretum
br	breeding	A.P.	Andrews Point, Rockport
dk	dark (phase)	A.Pd	Allens Pond, S. Dartmouth
f	female	Arl.	Arlington
fl	fledged	B.	Beach
imm	immature	B.I.	Belle Isle, E. Boston
ind	individuals	B.R.	Bass Rocks, Gloucester
juv	juvenile	Buzz.	Buzzards Bay
loc	location	Cambr.	Cambridge
lt	light (phase)	C.B.	Crane Beach, Ipswich
m	male	Corp. B.	Corporation Beach, Dennis
max	maximum	C.P.	Crooked Pond, Boxford
mi	mile	Cumb. Farms	Cumberland Farms, Middleboro-Halifax
migr	migrating	E.P.	Eastern Point, Gloucester
n	nesting	F.E.	First Encounter Beach, Eastham
ph	photographed	F.H.	Fort Hill, Eastham
pl	plumage	F.M.	Fowl Meadow
pr	pair	F.P.	Fresh Pond, Cambridge
S	summer (1S = first summer)	F.Pk	Franklin Park, Boston
thr	throughout	G40	Gate 40, Quabbin
v.o.	various observers	G45	Gate 45, Quabbin
W	winter (2W = second winter)		
w/	with		
H.	Harbor	GMNWR	Great Meadows National Wildlife Refuge
I.	Island	HRWMA	High Ridge Wildlife Management Area, Gardner-Westminster
L.	Ledge	IRWS	Ipswich River Wildlife Sanctuary
M.V.	Martha's Vineyard	LCES	Lloyd Center for Environmental Studies
Mt. A.	Mount Auburn Cemetery, Cambridge	MARC	Massachusetts Avian Records Committee
Nant.	Nantucket	MAS	Massachusetts Audubon Society
Newbypt	Newburyport	MBO	Manomet Bird Observatory
P.I.	Plum Island	MBWMA	Martin Burns Wildlife Management Area, Newbury
Pd	Pond	MDFW	MA Division of Fisheries and Wildlife
P'town	Provincetown	MNWS	Marblehead Neck Wildlife Sanctuary
Quab.	Quabbin	MSSF	Myles Standish State Forest
Res.	Reservoir	NAC	Nine Acre Corner, Concord
R.P.	Race Point, Provincetown	NBC	Needham Bird Club
S.B.	South Beach, Chatham	NEHW	New England Hawk Watch
S. Dart.	South Dartmouth	ONWR	Oxbow National Wildlife Refuge
S.F.	State Forest	SRV	Sudbury River Valley
S.N.	Sandy Neck, Barnstable	SSBC	South Shore Bird Club
S.P.	State Park	TASL	Take A Second Look Harbor Census
Stellw.	Stellwagen Bank	USFWS	US Fish and Wildlife Service
Worc.	Worcester	WBWS	Wellfleet Bay Wildlife Sanctuary
BBC	Brookline Bird Club	WMWS	Wachusett Meadow Wildlife Sanctuary
BMB	Broad Meadow Brook, Worcester		
CBC	Christmas Bird Count		
CCBC	Cape Cod Bird Club		
DFWS	Drumlin Farm Wildlife Sanctuary		
DWWS	Daniel Webster Wildlife Sanctuary		
EMHW	Eastern Massachusetts Hawk Watch		