

BIRD SIGHTINGS

NOV. / DEC. 1995

SUMMARY

Red-bellied Woodpecker

Photo by Judi Gendreau



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

November and December were both very cold and exceptionally stormy. With a mean temperature of 41.9° in November and December combined, Boston experienced its coldest November in 15 years and the coldest December since 1989. The high was 65° on November 28, and the low was 17° on December 12. The season's first freeze was recorded on November 9, while inland locations had earlier frosts. Rainfall totals were well above average in November, continuing to offset the deficits of the spring and summer. In December the total rainfall was 3.2 inches, 0.81 inch below normal. The big story was the snowfall, 4.1 inches in November, 2.8 inches over the norm. In December Boston recorded 24.1 inches, more than triple the past average of 7.4 inches. This was the fifth snowiest December on record and the most snowfall since the record amount of 27.9 inches in 1970. The season total is now at 28.2 inches, the second highest in the records. Measurable snow fell on 11 days, and traces on 3 more days, leaving only 17 snowless days. There was a white Christmas.

R. H. S.

LOONS THROUGH WOODPECKERS

Loon numbers were average with the notable exception of a well-documented movement of Red-throated Loons in Duxbury on November 19. Pied-billed Grebe numbers were strong through November and culminated with the highest total ever on the Cape Cod waterfowl survey in early December. An **Eared Grebe** graced the Gloucester shore briefly in late December. A remarkable concentration of Northern Fulmars and Greater Shearwaters was reported off Nantucket in mid-November. Nearly as remarkable was a movement of Greater Shearwaters numbering in excess of 500 individuals at Rockport on November 12. Shearwaters are seldom recorded in these numbers from land north of Boston. The count was all the more remarkable because it occurred on southerly winds. Other reports of shearwaters and storm-petrels were minimal. Reports of herons and allies were routine and included single reports of three egret species.

The thirteenth annual Cape Code Lake and Pond Waterfowl Survey was conducted on the weekend of December 2-3. This survey provides valuable baseline data on waterfowl distribution in early winter on Cape Cod, an area notably rich in species and numbers of waterfowl at this season. In addition to Pied-billed Grebe, species reported in record numbers included Northern Shoveler, Gadwall, American Wigeon, Ring-Necked Duck, Bufflehead, Hooded Merganser, Red-breasted Merganser, and American Coot with both Green-winged Teal and Ruddy Duck approaching the record tally of the previous year. On the down side were Canvasback and scaup. Other reports included the now-expected **Greater White-fronted Goose** from three locations, two of which likely represented the same individual. Two **Tufted Duck** reports were a drake in Sterling in the vicinity of where one was present last winter, and a brown individual with a partial tuft where it was originally observed in late October. Also reported were several immature Tufted Ducks, both male and female, which purportedly lacked tufts. Observers are cautioned to accurately report the details of such sightings and are encouraged to promptly notify additional observers for corroboration. Green-winged Teal continued at Plum Island in excellent numbers. Among the more unusual ducks, Harlequin Duck was found in decent numbers, Redhead and Barrow's Goldeneye reports were scanty, and no King Eiders were found.

Reports of raptors were typical for the season and included some rather late lingering Ospreys and wandering early winter Bald Eagles. Exciting finds were two **Golden Eagles** migrating at Mt. Wachusett and another consorting with Bald Eagles in Lakeville for several weeks, an adult light-phase Swainson's Hawk that persisted at the Cumberland Farms field until November 12, and three **Gyrfalcons**, one of which was trapped, banded, and photographed at Quincy. Cooper's Hawk continued their very fine showing, but Rough-legged Hawk reports were sparse indicating it may be a "down" winter for them. Rails were sparsely

reported and included three reports of Common Moorhens. American Coots were widespread and numerous. Three reports of Sandhill Crane were on par for this now annual species.

Shorebird reports were fairly standard and produced relatively few reports of which might be considered typically late migrants. Included in this category are American Golden-Plover, Hudsonian Godwit, White-rumped and Pectoral sandpipers, and Long-billed Dowitcher. This was more than offset by the stunning presence of a **Long-billed Curlew** at Plum Island for two days in early December. This species is exceedingly rare in the state with most recent records occurring during late spring or early summer. Also of interest was a very late and well-described Upland Sandpiper at the Cumberland Farms fields on November 17. The species is very seldom recorded after mid-September and has never been observed previously in November. Noteworthy among late-appearing shorebirds was an American Oystercatcher at Hyannisport. The species has only been reported once previously on a CBC.

The number of Pomarine Jaegers reported during December is in stark contrast to a very poor fall season for any jaeger species. A skua seen in Eastham could not be conclusively identified to species. There was only a scattering of both Little and Common Black-headed gulls, while Bonaparte's Gulls were locally abundant. There were the usual scattered reports of Iceland, Glaucous, and Lesser Black-backed gulls. Only one significant count of Black-legged Kittiwake and alcids in general was reported. Only rarely have both cuckoo species lingered into November.

Because of their nocturnal habits and low profile during the daylight hours, it is usually difficult to determine the general distribution and abundance of owls. The 17 Northern Saw-whet Owls banded in a single night at Marshfield bears ample testimony to how little we know. How many of these owls would have been found if nets were run in ten suitable locations for the entire month? The Barred Owl reports are similarly intriguing. Almost all the reports of Barred Owl for the entire season were away from places where they are known to be resident, and nearly half of these were reported within a ten-mile radius from downtown Boston. Although Barred Owls are not known to be as migratory as Northern Saw-whet Owls, they have been documented making periodic fall movements. One wonders how extensive a movement occurred this year. Long-eared Owls appeared to be very scarce, and, with the exception of the Cumberland Farm fields, Short-eared Owls fared little better. A single report of Snowy Owl represents one of the poorest season totals for this much sought species. Red-bellied Woodpeckers were numerous and widespread. The species is now an established, albeit difficult-to-see, resident that continues signs of increasing. R. A. F.

Date	Location	Number	Observers	Date	Location	Number	Observers
Red-throated Loon				Horned Grebe			
11/1	Plymouth	25	M. LaBossiere	11/4	Waltham	8	R. Forster#
11/5	Lakeville	1	W. Petersen	11/5	Lincoln	2	M. Pelikan
11/11	P.I.	26	S. Arena	11/19	Rockport H.	189	TASL (M. Hall)
11/14	Marshfield	150+	D. Clapp	11/13	Lakeville	19	F. Bouchard
11/14	Barnstable (S.N.)	40	T. Aversa	11/23	P.I.	10	D. Chickering
11/15	Eastham (F.E.)	14	M. Lynch#	11/25	Truro	12	W. Ellison#
11/15	Provincetown	15	M. Lynch#	11/26	Quincy Bay	156	G. d'Entremont#
11/15	M.V.	200	G. Daniels#	12/3	Sandwich	17	M. Lynch#
11/19	Gurnet	1007	R. Ferren	12/30	Nantucket	8	S. Perkins#
11/19	Boston H.	71	TASL (M. Hall)	Red-necked Grebe			
11/23	Lincoln	1	M. Pelikan	11/4	Waltham	1	R. Forster#
12/30	Nantucket	60	S. Perkins#	11/19	Boston H.	20	TASL (M. Hall)
Common Loon				11/24	Provincetown	20	P. Roberts
11/16	N. Attleboro	1	G. Valade	11/23	M.V.	12	G. Daniels
11/19	Gurnet	53	R. Ferren	11/25	Rockport	19	M. Lynch#
11/19	Boston H.	36	TASL (M. Hall)	11/25	Lakeville	1	F. Bouchard
11/20	M.V.	150	A. Keith#	12/3	Winthrop	33BBC	(R. Stymeist)
11/25	Rockport	31	M. Lynch#	12/25	Rockport (A.P.)	6	T. Young#
12/3	Ipswich	20	J. Berry	Eared Grebe (details submitted)			
12/3	Sandwich	22	M. Lynch#	12/23	Gloucester	1	M. Lynch#
Pied-billed Grebe				Northern Fulmar			
11/5	Worcester	8	WPLS (M. Lynch)	11/15	40 mi SE of Nant.	150	V. Laux
11/5	W. Newbury	17	J. Berry	Greater Shearwater			
11/7	Braintree	25	S. Carey	11/4	Eastham (F.E.)	18	B. Nikula
11/13	Lakeville	22	F. Bouchard	11/12	Rockport	500+	J. Berry#
11/19	Northboro	5	M. Lynch#	11/15	P'town (R.P.)	8	M. Lynch#
11/26, 12/10	Arlington	14, 5	K. Hartel	11/15	40 mi SE of Nant.	5000+	V. Laux
12/2-3	Cape Cod	179	CCBC	Large shearwater species			
12/3	Westport	2	M. Boucher	11/4	Eastham (F.E.)	26	B. Nikula
12/10	Camb. (F.P.)	3	P. Roberts	11/8	Eastham (F.E.)	12	J. Sones
12/30	Nantucket	3	S. Perkins#				

Leach's Storm-Petrel				11/5	P.I.	35	T. Maloney#
11/15 Eastham (F.E.)	1	M. Lynch#		11/29	Rochester	12	M. LaBossiere
Storm-Petrel species				12/2	P.I.	19	J. Berry
11/4 Eastham (F.E.)	2	B. Nikula		12/10	Groton	120	C. Canner
Northern Gannet				12/13	Edgartown	34	V. Laux
11/4 Eastham (F.E.)	1500+	B. Nikula		12/31	Newburyport	5	D. Chickering
11/12 Marshfield	100+	D. Clapp		Brant			
11/12 Rockport	200+	J. Berry		11/5	Revere B.	150	P. + F. Vale
11/15 Provincetown	200	M. Lynch#		11/10	Plymouth	90	D. Clapp
11/20 M.V.	125	G. Daniels		11/19	Boston H.	1476	TASL (M. Hall)
11/12 Eastham (F.E.)	600+	F. Pratt		11/24	Eastham	5	S. Thompson
12/3 Rockport	30+	R. Lockwood		11/23	Truro	10	W. Ellison#
12/3 Barnstable (S.N.)	50+	M. Lynch#		12/10	New Bedford	27	M. Boucher
12/6 Salisbury	30	C. Ralph		Canada Goose			
12/10 Eastham (F.E.)	300	B. Nikula		11/5	Worcester	130	WPLS (M. Lynch)
12/30 Nantucket	4000+	S. Perkins#		12/2-3	Cape Cod	1005	CCBC
Great Cormorant				Wood Duck			
11/19 Boston H.	10	TASL (M. Hall)		11/2	Boston	12	T. Aversa
11/23 Lexington	3	R. Forster		11/5	Worcester	5	WPLS (M. Lynch)
11/25 Truro	26	W. Ellison#		11/19, 12/10	Groton	13, 9	C. Canner
12/8 Acton	2 imm	M. Resch		12/2-3	Cape Cod	3	CCBC
12/26 Gloucester	14	J. Berry		12/28	Leicester	1 f	M. Lynch#
Double-crested Cormorant				Green-winged Teal			
thr Cambridge	11 max	v.o.		thr Arlington Res.	30 max		M. Pelikan
11/5 Worcester	5	WPLS (M. Lynch)		thr P.I.	2060 max 11/26		W. Drew#
11/5 P.I.	600	T. Maloney#		11/4 Randolph	63		G. d'Entremont
11/12 Lakeville	7	G. d'Entremont#		11/5 E. Boston	60		P. + F. Vale
11/19 Boston H.	188	TASL (M. Hall)		11/5 Worcester	12		WPLS (M. Lynch)
12/3 P.I.	1	R. Lockwood		11/22 Seekonk	14		M. Boucher
12/5 Falmouth	5	T. Aversa		11/25 S. Monomoy	60		B. Nikula#
12/8 Dorchester	1	T. Aversa		11/30 M.V.	52		G. Daniels
12/30 Nantucket	10	S. Perkins#		12/2-3	Cape Cod	55	CCBC
American Bittern				12/12	Roslindale	3	T. Aversa
11/1, 11/27 Dorchester	1	R. Donovan		12/31	W. Roxbury	2	T. Aversa
11/10 Rowley	1	J. Berry		American Black Duck			
11/14 S. Dart. (A.Pd)	1	LCES (J. Hill)		thr S. Dart. (A.Pd)	396 max		LCES (J. Hill)
11/20 Eastham (F.E.)	4	J. Sones		thr P.I.	3235 max 11/24		W. Drew#
11/22 Chatham	1	D. Scott		11/5 Worcester	20		WPLS (M. Lynch)
11/24 P.I.	2	W. Drew#		11/10 Plymouth	350		D. Clapp
12/27 Nantucket	1	S. Arena#		11/19 Boston H.	1316		TASL (M. Hall)
Great Blue Heron				11/25 S. Monomoy	350		B. Nikula
11/5 P.I.	10	T. Maloney#		12/2-3	Cape Cod	1067	CCBC
11/5 Worcester	5	WPLS (M. Lynch)		12/3 Westport	289		M. Boucher
11/7, 12/3 S. Dart. (A.Pd)	8, 7	LCES (J. Hill)		Mallard			
11/8 Saugus	7	J. Berry		11/5 Worcester	240		WPLS (M. Lynch)
11/10 Eastham (F.H.)	9	K. Weinheimer#		11/19 Boston H.	248		TASL (M. Hall)
11/26 Rowley	4	J. Berry		12/2-3	Cape Cod	1619	CCBC
11/28 M.V.	5	G. Daniels		Northern Pintail			
12/3 Pembroke	2	W. Petersen		11/4 Westport	18		R. Stymeist#
12/3 Westport	9	M. Boucher		11/5 Worcester	1		WPLS (M. Lynch)
Great Egret				11/5, 11/24 P.I.	120, 6		W. Drew#
11/25 Gloucester	1	H. Allen		11/11 GMNWR	20		R. Lockwood
Snowy Egret				11/12 Lexington	2		M. Pelikan
12/8 Scituate	1	D. Clapp		11/19 Ipswich	2		BBC (I. Giriunas)
Cattle Egret				11/25 S. Monomoy	150		B. Nikula#
11/4 Waltham	1	W. Petersen#		11/26 Seekonk	8		D. Zimmerlin
Black-crowned Night-Heron				12/3 Westport	103		M. Boucher
11/5 P.I.	1	T. Maloney#		12/9 P.I.	80		V. Laux#
12/2 Yarmouthport	3	S. + E. Miller		12/22 Sandwich	2		T. Aversa
12/3 Boston	1 ad	T. Aversa		Blue-winged Teal			
Mute Swan				11/5 Worcester	2		WPLS (M. Lynch)
11/4 Westport	111	R. Stymeist#		12/2-3	Cape Cod	1	CCBC
11/19 Ipswich	18	BBC (I. Giriunas)		Northern Shoveler			
11/30 M.V.	88	G. Daniels		11/1-12/4	Arlington Res.	3 max	C. Floyd
12/2-3 Cape Cod	193	CCBC		11/2 E. Boston	1 m		T. Aversa
12/3 Westport	103	M. Boucher		11/5 Worcester	1		WPLS (M. Lynch)
Greater White-fronted Goose				11/10 Rochester	1 f		M. LaBossiere
11/24 Katama, M.V.	1 ad	A. Keith#		11/11 Seekonk	2		J. Young
12/3 Revere	1	BBC (R. Stymeist)		11/15, 12/3	Marstons Mills	1	M. Lynch#
12/5-12 Lynn	1	J. Quigley		11/25 S. Monomoy	40		B. Nikula#
Snow Goose				11/28 M.V.	1		G. Daniels

12/2-3 Cape Cod	5	CCBC	12/2-3 Cape Cod	1682	CCBC
12/2 Worcester	1 f	M. Lynch#	Common Eider		
12/2-17 Orleans	3	K. McGinley#	11/15 Gay Head	12,000	A. Keith#
Gadwall			11/15 Eastham (F.E.)	830	M. Lynch#
11/4 Arlington Res.	5	M. Pelikan	11/19 Boston H.	5431	TASL (M. Hall)
11/4 DWWS	22	K. Weinheimer#	11/25 Rockport	1575	M. Lynch#
11/15 Rochester	4	M. LaBossiere	11/25 S. Monomoy	5000	B. Nikula#
11/14 Marstons Mills	64	T. Aversa	12/28 Hyannis	2500	S. Perkins#
11/22 Seekonk	51	M. Boucher	12/30 Nantucket	1200	S. Perkins#
11/24 P.I.	8	W. Drew#	Harlequin Duck		
11/25 S. Monomoy	30	B. Nikula#	11/6 Dennis	4	M. Tuttle
12/1 P.I.	98	D. Chickering	11/16 M.V.	28	G. Daniels
12/2 Pembroke	5	W. Petersen	11/26 Rockport (H.P.)	22	R. Lockwood
12/2-3 Cape Cod	261	CCBC	12/7 Wellfleet H.	2	W. Bailey#
12/31 Gloucester	23	D. Chickering	12/23 Provincetown H.	5	J. Young
Eurasian Wigeon			12/25 Rockport	15	P. + F. Vale
11/14 W. Barnstable	1 m	T. Aversa	12/30-31 E. Orleans	5	R. Prescott#
11/15 Marstons Mills	1	M. Lynch#	Oldsquaw		
11/16-17 Chatham	2 m	J. Sones#	11/4 Waltham	1 f	R. Forster#
12/1-31 Chatham/E. Harwich	3 max	v.o.	11/12 Marshfield	200	D. Clapp
12/16-31 Quincy	1 f	D. Brown + v.o.	11/12 Lakeville	14	W. Petersen
12/31 Nantucket	1 m	G. d'Entremont#	11/16 Wellfleet H.	200	D. Sandee
American Wigeon			11/19 Duxbury	437	R. Ferren
11/5 Worcester	37	WPLS (M. Lynch)	11/19 Boston H.	16	TASL (M. Hall)
11/14 W. Barnstable	115	T. Aversa	11/19 W. Newbury	10	BBC (I. Giriunas)
11/15, 12/3 Marstons Mills	29, 18	M. Lynch#	11/25 Rockport	90	M. Lynch#
11/23 P.I.	10	R. Lockwood	Black Scoter		
11/25 S. Monomoy	40	B. Nikula#	11/1 Lakeville	1	C. Ralph
11/26, 12/10 Arlington	30, 50	K. Hartel	11/4 Rockport	15	BBC (J. Nove)
12/2 Pembroke	11	W. Petersen	11/15 Eastham (F.E.)	120	M. Lynch#
12/2-3 Cape Cod	176	CCBC	11/25 Rockport (A.P.)	54	M. Lynch#
Canvasback			12/2 P.I.	52	J. Berry
11/15 W. Newbury	1	R. Lockwood	12/3 Westport	76	M. Boucher
11/23 P.I.	9	P. + F. Vale	Surf Scoter		
11/25 S. Monomoy	170	B. Nikula#	11/1 Plymouth	150+	M. LaBossiere
11/26, 12/17 Camb. (F.P.)	200, 87	P. Roberts	11/15 Eastham (F.E.)	1200	M. Lynch#
11/26 Braintree	15	G. d'Entremont#	11/19 Boston H.	301	TASL (M. Hall)
12/2-3 Cape Cod	175	CCBC	11/15 Rockport	65+	J. Berry
12/16 S. Dartmouth	1	M. Boucher	12/3 Sandwich	45	M. Lynch#
Redhead			White-winged Scoter		
11/4 Lakeville	1	S. Arena#	11/15 Eastham (F.E.)	650	M. Lynch#
11/11-19 W. Newbury	1	H. Miller	11/19 Boston H.	945	TASL (M. Hall)
11/13 Camb. (F.P.)	2	C. Floyd	12/2 P.I.	175	J. Berry
11/25 P.I.	1 f	H. Wiggin#	scoter species		
12/2-3 Cape Cod	1	CCBC	11/15 M.V.	8000	G. Daniels
Ring-necked Duck			11/19 Boston H.	1020	TASL (M. Hall)
thr Arlington Res.	109 max	M. Pelikan	Common Goldeneye		
11/5 W. Newbury	300	J. Berry	11/1 S. Boston	80	R. Donovan
11/12 Northboro	119	M. Lynch#	11/19 Southboro	22	M. Lynch#
11/19 Southboro	538	M. Lynch#	11/19 Boston H.	263	TASL (M. Hall)
12/2-3 Cape Cod	358	CCBC	12/10 New Bedford	53	M. Boucher
12/10 Brighton	5	N. Komar	12/30 Nantucket	700	S. Perkins#
12/23 Framingham	20	E. Taylor	12/31 Newburyport	310	D. Chickering
Tufted Duck			Barrow's Goldeneye		
11/1-26 Sterling	1 m	B. Volke + v.o.	11/26 Quincy	1 m	G. d'Entremont#
11/1-5 Lakeville	1	v.o.	11/26 Winthrop	1 m	M. Pelikan
Greater Scaup			11/26 Ipswich	1	D. + I. Jewell
11/4 Lakeville	75	S. Arena#	11/27 S. Boston	1	R. Donovan
11/5 P.I.	18	T. Maloney#	12/3 Ipswich	1 m	J. Berry
11/11 Sterling	37	G. d'Entremont#	12/8 New Bedford	1	G. Mock
11/19 Boston H.	54	TASL (M. Hall)	12/30 Winthrop	1 m	M. Rines
12/2-3 Cape Cod	438	CCBC	Bufflehead		
Lesser Scaup			11/5 Lakeville	147	G. d'Entremont#
11/4 Lakeville	60	S. Arena#	11/5 Quincy	400	E. Taylor
11/5 Worcester	18	WPLS (M. Lynch)	11/19 Boston H.	1836	TASL (M. Hall)
11/5 P.I.	1	T. Maloney#	12/2-3 Cape Cod	2784	CCBC
11/10-17 Arlington Res.	1	C. Floyd	Hooded Merganser		
11/26 Braintree	2	G. d'Entremont#	11/4 Lincoln	70	R. Forster#
12/2 Pembroke	60	W. Petersen	11/5 Worcester	73	WPLS (M. Lynch)
12/2-3 Cape Cod	24	CCBC	11/12 Eastham	37	W. Petersen
scaup species			11/13 Lakeville	70	W. Petersen#

Hooded Merganser (continued)			
11/24	M.V.	60	A. Keith
11/24	Braintree	36	J. Cameron#
11/25	Wareham	46	D. Clapp
11/26, 12/10	Arlington	41, 128	K. Hartel
12/2	Eastham	105	R. Clem
12/2	Worcester	50	M. Lynch#
12/2-3	Cape Cod	867	CCBC
12/3	Pembroke	45	W. Petersen
12/10	Brighton	20	N. Komar
12/29	Boston	8	T. Aversa
12/31	Medford	4	M. Rines
Common Merganser			
11/5	Worcester	8	WPLS (M. Lynch)
11/13, 11/19	Lakeville	150, 250	W. Petersen#
11/18	Wakefield	150	P. + F. Vale
11/23	Lincoln	83	M. Pelikan
11/26	Spencer	160	M. Lynch#
12/2	Worcester	26	M. Lynch#
12/2-3	Cape Cod	285	CCBC
12/10	Arlington	66	K. Hartel
12/10	Brighton	25	N. Komar
Red-breasted Merganser			
11/7	S. Dart. (A.Pd)	133	LCES (J. Hill)
11/14	Barnstable (S.N.)	470	T. Aversa
11/19	Boston H.	1899	TASL (M. Hall)
11/25	Truro	300	W. Ellison#
Ruddy Duck			
thr	W. Newbury	500	maxD. Chickering
11/5	Worcester	5	WPLS (M. Lynch)
11/7	Braintree	400	S. Carey
11/12, 11/19	Southboro	63, 215	M. Lynch#
11/14	W. Newbury	82	F. Pratt
11/17	M.V.	165	A. Fischer
11/18	Melrose	76	I. + D. Jewell
11/19	W. Newbury	300	BBC (I. Giriunas)
11/25	S. Monomoy	130	B. Nikula#
12/2-3	Cape Cod	47	CCBC
12/3	Pembroke	80	W. Petersen
12/7	Attleboro	47	G. Valade
12/15	Brookline	16	B. Malcolm
12/29	Boston	4	T. Aversa
12/31	Medford	77	M. Rines#
Turkey Vulture			
11/4	Westport	11	M. Rines#
thr	Reports of 1-2 indiv. from 8 locations		
Osprey			
11/1-30	Wayland	1-2	K. Hamilton#
11/4	DWWS	1	K. Weinheimer#
11/5	W. Newbury	1	J. Berry
11/5	Worcester	1	WPLS (M. Lynch)
11/13, 11/19	Lakeville	4, 2	W. Petersen#
11/16	Cambridge	1	L. Liu
11/22	Lincoln	1	R. Wolanin
11/23	Arlington	1	M. Pelikan
11/26	Auburn	1	C. Ralph
11/26	S. Quabbin	1	R. Forster#
12/1	Camb. (F.P.)	1	M. Rines
12/2	Wayland	1	G. Long
Bald Eagle			
11/19	Lakeville	5	W. Petersen#
12/27	W. Newbury	3	C. Ralph
12/28	Lawrence	2	J. Center
12/30	Lakeville	7	K. Holmes
thr	Reports of indiv. from 15 locations		
Northern Harrier			
11/4	Cumb. Farms	9	S. Arena#
11/4	Westport	5	M. Rines#
11/5	Salisbury	2	D. Chickering
11/24	P.I.	3	W. Drew#
11/25	S. Monomoy	4+	B. Nikula#
11/25	M.V.	3	G. Daniels
12/22	Sandwich	3	T. Aversa
12/30	Nantucket	4	S. Perkins#
12/30	Cumb. Farms	2	BBC (K. Holmes)
Sharp-shinned Hawk			
11/4	Cumb. Farms	3	M. Lynch#
11/19	Boston H.	2	TASL (M. Hall)
11/24	Braintree	2	J. Cameron#
12/30	Nantucket	2	S. Perkins#
Cooper's Hawk			
11/18	M.V.	2	G. Daniels
thr	Reports of indiv. from 31 locations		
Northern Goshawk			
11/19	Lakeville	2 ad	W. Petersen#
11/21	Groton	1	T. Pirrou
11/26	Annisquam	1	H. Allen
11/30	Pepperell	1	E. Stromsted
12/4	Wayland	1 ad	H. Parker
12/18	Maynard	1 ad	L. Nachtrab
12/24	Mt.A.	1	R. Stymeist
Red-shouldered Hawk			
thr	Sherborn	2	E. Taylor
11/3	W. Roxbury	1 imm	T. Aversa
11/4-5	Mt. Wachusett	9	P. Roberts
11/24	Pepperell	1	E. Stromsted
11/17	Holliston	1	J. Howe
12/13	DWWS	1	D. Ludlow
12/15	W. Roxbury	1	T. Aversa
12/16	S. Dartmouth	1	M. Boucher
12/16	Freetown	1	R. Shore#
12/7, 12/29	Middleboro	1, 2	R. Shore#
Swainson's Hawk			
11/1-12	Middleboro	1	v.o.
Red-tailed Hawk			
11/4-5	Mt. Wachusett	28	P. Roberts
11/4	Westport	7	M. Rines#
11/5	Cumb. Farms	6	M. Lynch#
12/15	W. Roxbury	6	T. Aversa
12/30	Nantucket	8	S. Perkins#
Rough-legged Hawk			
11/4-5	Mt. Wachusett	1	P. Roberts
11/5	Cumb. Farms	2	C. Ralph
11/9	P.I.	1	S. Haydock
12/3	Rowley	1 lt	J. Berry
12/9	P.I.	2	V. Laux#
12/10	Plympton	1 lt	W. Petersen#
12/10, 12/31	Ipswich	1 lt, 1 lt	J. Berry
12/10	Cumb. Farms	1 dk	W. Petersen#
12/13	Boston (Logan)	1	N. Smith
12/13	P.I.	2	C. Ralph
12/13	DWWS	1	D. Ludlow
Golden Eagle			
11/4-5	Mt. Wachusett	2	P. Roberts
11/5-12/16	Lakeville	1	C. Ralph + v.o.
American Kestrel			
11/4	Westport	4	R. Stymeist#
11/4	Cumb. Farms	3	R. Lockwood
11/5	P.I.	2	R. Lockwood
12/13	Boston (Logan)	3	N. Smith
12/30	Nantucket	2	G. d'Entremont#
Merlin			
11/4	Westport	1	R. Stymeist#
11/10	Rowley	1-2	J. Berry
11/11	Salisbury	1	H. Miller
11/13	Cumb. Farms	1	F. Pratt
11/19	Squantum	1	TASL (M. Hall)
11/24	P.I.	1	W. Drew#
11/24	Braintree	1	J. Cameron
11/27	S. Boston	1	R. Donovan
12/12	Wellesley	1	R. Forster
12/13	Boston (Logan)	1	N. Smith

Peregrine Falcon				11/5, 11/19	Salisbury	8, 2	D. Chickering
11/5	Eastham	1	B. Nikula#	11/19	Boston H.	58	TASL (M. Hall)
11/9, 11/24	P.I.	1, 1	S. Haydock	11/19	Bridgewater	5	M. Resch
11/19	Boston H.	2	TASL (M. Hall)	11/24	Wellfleet	45	J. Young
11/25	P.I.	2	T. Maloney	11/24	M.V.	200	G. Daniels
11/25	S. Monomoy	1	B. Nikula#	12/2	Quincy	2	SSBC (P. Kelly)
11/26	Ipswich	1	D. + I. Jewell	12/23	Newburyport	1	V. Laux#
12/13	P.I.	1 imm	C. Ralph	12/23	Gloucester	1	M. Lynch#
12/25	Westborough	1 ad	M. Lynch#	American Golden-Plover			
12/30	Nantucket	1 ad	S. Perkins#	11/2	Boston (Logan)	1	N. Smith
Gyrfalcon				11/11	Ipswich	1	H. Miller
11/5	Quincy	1 b	N. Smith#	11/25	Truro	1	J. Young
12/11	P.I.	1 dk	A. Knue	Semipalmated Plover			
12/12	N. Falmouth	1 dk	I. Nisbet	11/4	Duxbury	8	K. Weinheimer#
Ruffed Grouse				Killdeer			
11/5	Bolton	1	S. + L. Hennin	12/1	Fairhaven	7	T. Aversa
11/6	E. Middleboro	1	K. Anderson	12/3	P.I.	1	C. Ralph
11/19	Pepperell	1	E. Stromsted	American Oystercatcher			
11/24	Hardwick	1	M. Lynch#	11/26	M.V.	1	G. Daniels
12/2	Groton	1	E. Stromsted	12/26	Hyannisport	1	J. Soncs#
12/5	Wayland	1	N. Patterson	Greater Yellowlegs			
12/8	N. Middleboro	3	K. Holmes	11/2	E. Boston	60	T. Aversa
12/24	W. Boylston	2	S. + L. Hennin	11/4	Westport	6	M. Rines#
Wild Turkey				11/4	Lincoln	4	R. Forster#
11/9	Braintree	1	B. Campbell	11/4	Lakeville	5	S. Arena#
11/11	Charlton	11	R. Stymeist#	11/5	Salisbury	12	D. Chickering
11/11	Orange	16	R. Stymeist#	11/6, 11/24	P.I.	17, 1	W. Drew#
11/11	Pepperell	2	C. Eisenberg	11/14, 11/30	S. Dart. (A.Pd)	5, 1	LCES (J. Hill)
11/24	Barre	15	M. Lynch#	11/15	M.V.	2	G. Daniels
11/24	Middleboro	60+	R. Shore	11/19	Boston H.	21	TASL (M. Hall)
12/24	Barre	91	M. Lynch#	11/22	Lexington	3	R. Forster
12/24	Worc. (airport)	12	M. Lynch#	11/25	Eastham	4	W. Nichols
Northern Bobwhite				12/5	Falmouth	1	T. Aversa
11/25	Truro	12	W. Ellison#	12/10	P.I.	1	M. Lynch#
11/25	Middleboro	1	R. Shore	Lesser Yellowlegs			
12/31	W. Roxbury	20	T. Aversa	11/2	E. Boston	1	T. Aversa
Clapper Rail				11/4	Duxbury	2	K. Weinheimer#
11/5	P.I.	1	F. Bouchard	11/6	Westport	1	M. Boucher
11/23	Provincetown	1	W. Nichols	Upland Sandpiper (details submitted)			
Virginia Rail				11/17	Cumb. Farms	1	E. Weinheimer#
11/25	Eastham (F.H.)	2	S. Arena#	Long-billed Curlew			
12/2	Cotuit	2	S. Arena#	12/6-7	P.I.	1	C. Ralph, L. Nachtrab#
12/28	E. Middleboro	1	K. Holmes	Hudsonian Godwit			
Common Moorhen				11/6	P.I.	2	W. Drew#
11/23	Waltham	1	M. Pelikan	11/10	Eastham (F.H.)	1	K. Weinheimer#
11/25	S. Monomoy	1	J. Trimble	Ruddy Turnstone			
12/31	Nantucket	1	G. d'Entremont	11/12	Rockport	1	J. Berry
American Coot				11/19	Winthrop	5	TASL (M. Hall)
thr	Arlington	130 max	K. Hartel	12/30	Nantucket	10	G. d'Entremont#
11/4	Westport	170	R. Stymeist#	Red Knot			
11/5	W. Newbury	100	J. Berry	11/9	P.I.	30	S. Haydock
11/5	Worcester	12	WPLS (M. Lynch)	11/10	WBWS	13	K. Weinheimer#
11/7	Braintree	100	S. Carey	11/24	M.V.	1	A. Keith#
11/10	Lakeville	445	S. Arena	12/3	P.I.	1	R. Lockwood
11/18	Peabody	71	P. + F. Vale	Sanderling			
12/3	Mashpee	58	F. Caruso	11/19	Boston H.	525	TASL (M. Hall)
12/3	Westport	81	M. Boucher	12/27	Salisbury	20	J. Berry
12/3	Pembroke	75+	W. Petersen	White-rumped Sandpiper			
12/2-3	Cape Cod	296	CCBC	11/25	P.I.	1	T. Maloney
12/7	Attleboro	51	G. Valade	11/25	S. Monomoy	1	B. Nikula#
12/10	Brighton	100	N. Komar	11/26	Rowley	5	J. Berry
12/10	Arlington	158	K. Hartel	Pectoral Sandpiper			
12/31	Medford	77	M. Rines	11/4	Newburyport	1	D. Chickering
Sandhill Crane				11/5	Plympton	5	W. Petersen
11/8-12/2	Spencer	2	D. LaCroix + v.o.	Purple Sandpiper			
11/20-23	Newbury	1	D. + I. Jewell + v.o.	11/7	Rockport (H.P.)	12	L. Liu
12/20-31	Nantucket	1	N. Brooks + v.o.	11/19	Nahant	29	TASL (M. Hall)
Black-bellied Plover				11/19	Marblehead	2	D. Chickering
thr	S. Dart. (A.Pd)	2	LCES (J. Hill)	11/20	M.V.	8	G. Daniels
11/4	Westport	7	M. Rines#	11/25	Gloucester	20	M. Lynch#
11/5	P.I.	8	T. Maloney#	11/26	P.I.	12	R. Lockwood

Purple Sandpiper (continued)				12/3 Ipswich	30	J. Berry
12/27	Rockport (A.P.)	8	I. Lynch	12/13 S. Carver	1	J. Shaw
12/30	Nantucket	25	G. d'Entremont#	12/30 Nantucket	800	S. Perkins#
Dunlin				Ring-billed Gull		
11/5	Revere B.	300	P. + F. Vale	12/1-30 Lynn	1000	J. Quigley
11/10	WBWS	300	K. Weinheimer#	Herring x Great Black-backed Gull		
11/14	S. Dart. (A.Pd)	124	LCES (J. Hill)	11/1 Lynn	1 ad	J. Quigley
11/19	Nahant	200	TASL (M. Hall)	Iceland Gull		
11/25	Eastham	1200	W. Nichols	12/9 Acton	1	R. Lockwood
12/13	P.I.	40	C. Ralph	12/19 Lynn	1 1W	J. Quigley
12/27	Salisbury	30	J. Berry	12/26 Rockport (A.P.)	1	K. Hartel
Long-billed Dowitcher				12/30 Nantucket	20	S. Perkins#
11/2	E. Boston	5	T. Aversa	Lesser Black-backed Gull		
11/19	Boston H.	1	TASL (M. Hall)	11/19 Acton	1 ad	M. Resch
11/25	Eastham	1	W. Nichols	11/19 Gardner	1	T. Pirrou
11/26	P.I.	1	R. Lockwood	12/4 Lynn	1 ad	J. Quigley
12/26	Hyannisport	2	J. Sones#	12/8 Acton	1 1W	M. Resch
Common Snipe				12/3-5 Gardner	1 ad	T. Pirrou
11/5	E. Boston	1	P. + F. Vale	Glaucous Gull		
11/10	N. Attleboro	2	G. Valade	12/17 Hull	1	N. Swirka
11/19	Cumb. Farms	4	W. Petersen	12/23 Newburyport	1 1W	V. Laux#
11/22	Newbury	1	T. Aversa#	12/25 Rockport (A.P.)	1 1W	T. Young#
12/7	N. Attleboro	2	G. Valade	Black-legged Kittiwake		
12/9	Ipswich	1	J. Berry	11/4 Eastham (F.E.)	800	B. Nikula
12/12	P.I.	1	T. Aversa	11/8 Eastham (F.E.)	150	J. Sones
12/26	Newburyport	2	T. Young	11/15 P'town (R.P.)	30	M. Lynch#
American Woodcock				11/15 Rockport (H.P.)	20	R. Lockwood
11/1	Boston (F.Pk)	1	T. Aversa	11/28 M.V.	5	G. Daniels
11/4	Arlington Res.	1	M. Pelikan	12/15 Rockport (A.P.)	6	J. Soucy
11/17	Wayland	1	N. Patterson	12/23 P.I.	8	S. Perkins#
11/10	DWWS	2	F. Garretson	12/30 Nantucket	30	S. Perkins#
phalarope species				Common Tern		
12/10	Eastham (F.E.)	13	B. Nikula	11/14 Salisbury	1	F. Pratt
Pomarine Jaeger				11/14 Barnstable (S.N.)	3	T. Aversa
11/4	Eastham (F.E.)	4	B. Nikula	11/25 Wellfleet H.	2	S. Thompson
11/12	Eastham (F.E.)	4	F. Pratt	11/26 P.I.	1	R. Lockwood
11/15	P'town (R.P.)	3	M. Lynch#	Forster's Tern		
11/15	40 mi SE of Nant.	20	V. Laux	11/4 Eastham (F.E.)	1	B. Nikula#
11/25	Rockport (H.P.)	1	T. Burke#	11/5 Truro	2	B. Nikula#
12/2	Orleans	20+	B. Nikula	11/5 Salisbury	1	R. Lockwood
12/15	Dennis	1 sub ad.	R. Forster	11/10 Wellfleet H.	5	K. Weinheimer#
12/21	Eastham (F.E.)	10	B. Nikula	12/3 S. Dart. (A. Pd)	1	LCES (J. Hill)
jaeger species				tern species		
11/4	Eastham (F.E.)	9	B. Nikula	12/2 Wellfleet H.	2	B. Nikula#
11/8	Eastham (F.E.)	4	J. Sones	Dovekie		
skua species				11/16 Wellfleet H.	4	D. Sandee
11/8	Eastham (F.E.)	1	J. Sones	11/25 Provincetown	1	W. Nichols
Laughing Gull				12/2 Rockport	1	T. Young
11/7	S. Dart. (A.Pd)	2	LCES (J. Hill)	12/27 Rockport (A.P.)	2	I. Lynch
11/7	Lynn	1	J. Quigley	Thick-billed Murre		
11/15	Barnstable (S.N.)	100	H. Ferguson	11/15 F.E., P'town	1, 1	M. Lynch#
11/19	Winthrop	12	TASL (M. Hall)	11/25 Rockport (H.P.)	1	T. Burke#
11/20	M.V.	1	G. Daniels	12/4 Provincetown	1	L. High
11/23	Provincetown	4	W. Nichols	12/9 Rockport (H.P.)	3	S. + L. Hennin
11/23	Truro	1 ad	W. Ellison	Razorbill		
Little Gull				11/15 Provincetown	20	M. Lynch#
11/23-24	Wellfleet H.	1 imm	G. Martin + v.o.	11/15 Rockport (H.P.)	15	C. Cook
12/30	Nantucket	2 ad	T. Maloney#	11/16 Wellfleet H.	15	D. Sandee
Common Black-headed Gull				11/23 Truro	20	W. Ellison
11/10-12/5	Lynn	1-2	J. Quigley	11/25 Rockport (H.P.)	30	T. Burke#
11/14	N. Dartmouth	1	M. Boucher	12/3 Sandwich	10	M. Lynch#
11/17	M.V.	1 imm	V. Laux	12/13 Scusset B.	2	M. LaBossiere
11/19	Winthrop	5	TASL (M. Hall)	12/15 Rockport (A.P.)	30	J. Soucy
11/25	Wellfleet H.	1	R. Comeau#	large alcid species		
12/2-7	Orleans	1 1W	P. Trimble#	11/15 F.E., P'town	20, 40	M. Lynch#
12/30	Nantucket	2	S. Perkins#	12/10 Eastham (F.E.)	35	B. Nikula
Bonaparte's Gull				Black Guillemot		
11/7	Lakeville	2	K. Anderson	11/4 Rockport	2	BBC (J. Nove)
11/10	Lynn	1000	J. Quigley	11/16 Wellfleet H.	2	D. Sandee
11/15	Barnstable (S.N.)	500	H. Ferguson	11/25 Cape Ann	14	M. Lynch#
11/19	Boston H.	1084	TASL (M. Hall)	12/9 Rockport	3	S. + L. Hennin

Atlantic Puffin				11/24	Eastham	2	S. Thompson
11/15	40 mi SE of Nant.	1	V. Laux	11/24	M.V.	2	T. Rivers
Black-billed Cuckoo				11/26	E. Orleans	1	M. Taylor#
11/1	Wareham	1	M. LaBossiere	11/30	S. Dart. (A.Pd)	1	LCES (J. Hill)
11/5	Eastham (F.H.)	1	B. Tirrell#	12/4	Orleans	1	S. + E. Miller
Yellow-billed Cuckoo				12/10	Cumb. Farms	7	W. Petersen#
11/4	Osterville	1	T. Noonan#	12/13	Edgartown	4	V. Laux
Eastern Screech-Owl				12/31	S. Dart. (A. Pd)	2	T. Raymond
thr Mt. A.		3+	J. Heywood#	Northern Saw-whet Owl			
12/30	E. Middleboro	2	K. Holmes	11/2	Concord	1	J. Christian
Great Horned Owl				11/5	Salisbury	1	D. Chickering
11/10	Bolton	2	S. + L. Hennin	11/26	Brookline	1	R. Graff
11/25	S. Monomoy	2	B. Nikula#	11/28	Boston	1	R. Lewis
11/30-12/31	Mt. A.	2	M. Rines#	11/28	DWWS	17 b	N. Smith
12/1-30	Bolton	2	S. + L. Hennin	12/2	Wayland	1	G. Long
12/1-30	Ipswich	pr	J. Berry	12/14	Boston	1	K. Hudson
12/13	W. Gloucester	2	R. Medico#	12/23	Topsfield	1	J. Brown#
12/30	E. Middleboro	2	K. Holmes	12/30	Nantucket	2	S. Perkins#
Snowy Owl				Belted Kingfisher			
12/15	Boston (Logan)	1	N. Smith	12/2	Barnstable	8	T. Aversa#
Barred Owl				Red-headed Woodpecker			
11/3	Brookline	2	T. Aversa	11/9	Pocasset	1 imm	L. Mills
11/13	Boston (Common)	1	E. Einhorn	11/14	Athol	1	D. Small
11/21-12/30	Camb. (F.P.)	1	M. Rines#	11/17	Woburn	1 imm	J. Farr
11/24	Royalston	1	M. Lynch#	Red-bellied Woodpecker			
11/25	Boston (B.U.)	1	J. Martinez	thr Ipswich		pr	J. Berry
11/26	Rockport (H.P.)	1	R. Lockwood	thr Sherborn		2	E. Taylor
11/26-12/31	Roslindale	1	T. Aversa	4 Woods Hole		3	T. Aversa
11/27	Danvers	1	J. Gordon	11/10-11/16	E. Boxford	pr	J. Brown#
11/27	Wayland	1	N. Patterson	11/23-25	Truro	2	J. Young
11/29	Boston (Pub.Gard.)	1	K. Hudson	12/1-31	Boxford	pr	J. Brown#
12/1	Acushnet	1	dead R. Stymeist#	12/1-31	Pepperell	2	S. Maynes#
12/5	Belmont	1	C. Kopkowski	12/5	Falmouth	3	T. Aversa
12/9	Stoneham	1	S. Perkins#	12/31	Nantucket	2	G. d'Entremont#
12/9	Lynnfield	1	V. Laux#	11/1-30	Reports of indiv. from 31 locations		
12/12	Natick	1	L. Breen	12/1-31	Reports of indiv. from 22 locations		
12/12	Boston (Beacon Hill)	1	K. Hudson	Yellow-bellied Sapsucker			
12/18	S. Boston	1	S. Devou	11/21	Boston	1	J. Adamson
12/19	W. Roxbury	1	T. Aversa	Hairy Woodpecker			
12/25	Sudbury	1	B. Barren	thr E. Boxford		2-3	J. Brown#
12/28	Arlington	1	K. Hartel	11/5	Malden	3	P. + F. Vale
12/28	Lynn	1	J. Quigley	Northern Flicker			
Long-eared Owl				12/30	Nantucket	35	S. Perkins#
11/22	Gay Head	2	A. Fischer	Pileated Woodpecker			
11/25	Chilmark	1	A. Keith	11/30	Wayland	1	N. Patterson
12/22	Sandwich	4	T. Aversa	12/5	Westford	2	A. Havelaris
Short-eared Owl				12/19	Weston	1	K. Wolfchal
11/4	Rockport	2	J. Berry	12/29	Wayland	1	N. Patterson
11/18	Cumb. Farms	8	C. Ralph	12/31	Petersham	1	M. Lynch#

FLYCATCHERS THROUGH GROSBEAKS

A single Western Kingbird was found in Chilmark on November 11, only the third of the season. The previous season low was four individuals in 1976 and 1978. The **Scissor-tailed Flycatcher** originally found on October 29 was still delighting birders at the Cumberland Farms fields in Halifax through November 7. A **Gray Jay** was found in the Quabbin area of Petersham on November 9, and perhaps a second individual on December 30. The Gray Jay is a very rare winter visitor which historically seems to prefer the remote forested areas around Quabbin where many of the reports occur.

The unseasonably cold weather and near record snowfall in November and December was reflected in the number of northern species that were found. **Bohemian Waxwings** were noted from 14 locations, with the largest flock of 20 individuals in Wellfleet. They arrived early, with the first being seen at Halibut Point in Rockport on October 22.

The real show-stopper for numbers was the Northern Shrike invasions. According to Veit and Petersen in *Birds of Massachusetts*, "The extent and magnitude of the bird's southward migrations appear to be determined by the availability of rodents and small birds on their boreal breeding grounds." Well, there must have been a crash. We were invaded by Northern Shrikes. The first shrike reported this season was on October 13, and by the end of the year shrikes were being seen in almost every community. On the eastern Massachusetts Christmas Bird Counts, it was one of only 16 species that were seen on every count!

Winter finches were also moving, unlike last November and December, when not a single siskin, redpoll, crossbill or Pine Grosbeak was seen. Purple Finches also appeared in many locations. Royalston played host to as many as 25 Pine Grosbeaks, and nearby Athol recorded 12. Athol also reported over 350 Pine Siskins. It was an exciting time for birders.

Other rarities this season included a two-day visit of a **Townsend's Warbler** in South Boston, only the fourth report for Massachusetts. And certainly the most bizarre report was the appearance of a **Eurasian Tree Sparrow** at a feeder in the Brighton section of Boston on November 6, where it remained through the end of the year. Access to see this bird was extremely difficult due in part to a delicate situation among neighbors. How this bird arrived here is a mystery, since it is not known to be kept in captivity and its occurrence in the United States is limited to an introduced colony in the St. Louis area. The bird was videotaped and photographed, and its status has yet to be decided by the Massachusetts Avian Records Committee. Stay tuned.

R. H. S.

Eastern Phoebe			11/5 Worcester	2	M. Lynch#
11/3 W. Roxbury	1	T. Aversa	11/6 Brookline	2	H. Wiggin#
11/5 Cumb. Farms	1	G. d'Entremont#	11/9 Lexington	1	M. Rines
11/6 Boston (F.Pk)	1	T. Aversa	11/10 Belmont	3	M. Rines
11/11 Seekonk	1	J. Young	11/11 Arlington	1	K. Hartel
11/12 Gay Head	1	G. Daniels#	11/12 Rockport	1 m	J. Berry
11/23 Acushnet	1	M. LaBossiere	11/19 Southboro	1	M. Lynch#
11/24 Katama	1	T. Rivers	11/22 Bolton	2	S. + L. Hennin
11/26 Brookline	1	F. Bouchard	12/1-31 E. Middleboro	pr	K. Anderson
Western Kingbird			12/3 Falmouth	13	M. Lynch#
11/11 Chilmark	1	A. Keith	12/12 Bolton	2	S. + L. Hennin
Scissor-tailed Flycatcher			12/20 Brighton	1	R. Hastie
11/1-7 Cumb. Farms	1	v.o.	12/28 Clinton	1	S. + L. Hennin
Horned Lark			12/30 Nantucket	5	S. Perkins#
11/9 Spencer	15	M. Lynch#	House Wren		
11/10 Wayland	10	G. Long	11/3 W. Roxbury	1	T. Aversa
11/19 Middleboro	200	M. Resch	11/11 Gay Head	1	A. Keith
11/23 Salisbury	17	P. + F. Vale	11/22 N. Dartmouth	1	M. Boucher
12/21 N. Attleboro	45	G. Valade	11/27 Roslindale	1	T. Aversa
12/22 Sandwich	120	T. Aversa	12/15 N. Attleboro	1	G. Valade
12/27 Salisbury	50	J. Berry	Winter Wren		
Tree Swallow			11/7 Nahant	2	T. Aversa
11/10 P.I.	1	D. + I. Jewell	11/11 Arlington Res.	2	M. Pelikan
11/14 S. Dart. (A.Pd)	4	LCES (J. Hill)	11/14 Woods Hole	2	T. Aversa
11/15 M.V.	100	G. Daniels	11/19 Westboro	2	M. Lynch#
11/25 S. Monomoy	100	B. Nikula#	12/8 Nahant	2	T. Aversa
Gray Jay			thr Reports of indiv. from 10 locations		
11/9 Petersham	1	J. Lafley	Marsh Wren		
12/30 Petersham	1	S. Moore#	11/19 Westboro	1	M. Lynch#
American Crow			11/21 Cumb. Farms	3	T. Aversa
11/10, 11/30 Framingham	400, 4500+	E. Taylor	11/27 Dorchester	3	R. Donovan
12/1-31 Framingham	5000+	E. Taylor	12/5 Falmouth	1	T. Aversa
Fish Crow			12/23 Newburyport	1	S. Perkins#
11/20 Roslindale	6	T. Aversa	12/31 Nantucket	1	G. d'Entremont
11/28 W. Roxbury	20+	T. Aversa	Golden-crowned Kinglet		
12/1-16 Braintree	20 max	G. d'Entremont#	11/11 Petersham	6	S. + L. Hennin
12/31 W. Roxbury	5	T. Aversa	11/12 Concord	10	M. Pelikan
Common Raven			11/19 Southboro	17	M. Lynch#
11/11 Athol	1	M. Rines#	Ruby-crowned Kinglet		
11/11 Petersham	1	M. Rines#	11/7 Brookline	7	T. Aversa
11/16 Quabbin (G40)	1	S. + L. Hennin	11/11 Arlington	6	K. Hartel
11/24 Royalston	2	M. Lynch#	11/19 Northboro	2	M. Lynch#
12/31 Petersham	1	M. Lynch#	11/26, 12/1 Roslindale	4, 1	T. Aversa
Red-breasted Nuthatch			12/1 Fairhaven	2	T. Aversa
11/19 Southboro	12	M. Lynch#	12/2 P.I.	1	J. Berry
12/24 W. Boylston	3	S. + L. Hennin	Blue-gray Gnatcatcher		
12/30 Nantucket	7	S. Perkins#	11/21 Chatham	1	R. Clem
Brown Creeper			Eastern Bluebird		
11/11 Arlington	6	K. Hartel	thr E. Boxford	1-6	J. Brown#
11/12 Wayland	5	G. Long	thr Mattapoisett	3-5	F. Smith
12/10 Harvard	3	S. + L. Hennin	11/1 Cumb. Farms	6	C. Ralph
Carolina Wren			11/5 W. Newbury	8	J. Berry
11/3 Stow	1	S. + L. Hennin	11/5 Middleboro	16	G. d'Entremont#
11/4 Westport	8	M. Rines#	11/10 WBWS	5	K. Weinheimer#
11/5 Wayland	1	M. Pelikan	11/14 Woods Hole	4	T. Aversa

Eastern Bluebird (continued)			
11/23	Framingham	5	R. Forster
11/23	Acushnet	12	M. LaBossiere
11/25	Lakeville	10	R. Shore#
11/26	Wayland	5	N. Patterson
12/13	Edgartown	10	V. Laux
12/21	N. Attleboro	7	G. Valade
12/23	Truro	5	J. Young
12/24	Sterling	12	B. Volkle
12/25	Acushnet	4	M. LaBossiere
12/30	Middleboro	10+	R. Shore#
Hermit Thrush			
11/1	Boston (F.Pk)	16	T. Aversa
11/5	W. Newbury	2	J. Berry
11/5	Melrose	3	P. + F. Vale
11/10	Wenham	2	N. Nash
11/12	Wayland	2	G. Long
12/5	Falmouth	4	T. Aversa
thr Reports of indiv. from 11 locations			
American Robin			
11/11	Beverly	110	J. Brown#
11/13	Ipswich	150	I. + D. Jewell
12/9	Halifax	450+	W. Petersen
12/20	N. Dartmouth	125	M. Boucher
Gray Catbird			
thr	Wellesley	1	R. Forster
11/11	Somerset	2	J. Young
12/5	Falmouth	7	T. Aversa
12/23	Newton	1	N. Komar
12/28	Wareham	2	M. LaBossiere
12/30	Nantucket	4	B. Malcolm#
Brown Thrasher			
11/23	Acushnet	1	M. LaBossiere
12/3	Falmouth	1	M. Lynch#
12/21	Ashland	1	M. Lorezzola
12/23	Newbury	1	P. Trimble#
American Pipit			
11/4	Cumb. Farms	100	S. Arena#
11/5	W. Newbury	8	J. Berry
11/5, 11/26	P.I.	5, 6	R. Lockwood
11/11	Danvers	4	J. Brown#
11/21	Groton	4	T. Pirrou
11/26	P.I.	6	R. Lockwood
11/26	Katama	20	A. Keith#
11/28	W. Roxbury	7	T. Aversa
12/3	Falmouth	1	M. Lynch#
Bohemian Waxwing			
11/5	Cumb. Farms	4	G. d'Entremont#
11/6	P.I.	2	D. + I. Jewell
11/9	Marshfield	1	D. Furbish
11/13	P.I.	1-2	C. Cook
11/11	E. Boxford	1	K. Disney
11/21-12/30	Royalston	60max	v.o.
11/25	Lakeville	2	R. Shore#
12/7	Rockport (H.P.)	1	H. D'Entremont
12/9	Wellfleet	20	G. Martin
12/21	Wenham	1	C. Leahy
12/23	N. Truro	18	J. Young
12/24	Sterling	1	B. Volkle
12/23	W. Newbury	1	R. Stymeist#
12/28	Nantucket	5	S. Arena#
Cedar Waxwing			
11/4	DWWS	30	K. Weinheimer#
11/11	Worcester	100	G. d'Entremont#
11/25	Lakeville	60+	R. Shore#
12/6	Essex	90+	T. Young
12/9	Lakeville	60	R. Shore
12/9	Halifax	100+	W. Petersen
12/9	Bridgewater	20	W. Petersen
12/23	Wenham	20	S. + L. Hennin
12/27	Pepperell	32	E. Stromsted
Northern Shrike			
11/1-30	Cape Cod	12+	v.o.
thr	P.I.	3 max	v.o.
thr	Wayland	2 max	G. Long
11/7	Braintree	2	S. Carey
11/10	Petersham	2	C. Cook
11/11	Spencer	3	B. Volkle
11/21	Cumb. Farms	3	T. Aversa
11/25-28	M.V.	3	v.o.
11/25	Milton	2	T. Cameron
12/3-5	Gardner	2	T. Pirrou
12/4	M.V.	5	fide G. Daniels
12/15	W. Roxbury	3	T. Aversa
12/23	Truro	3	J. Young
11/1-30 Reports of indiv. from 35 locations			
12/1-31 Reports of indiv. from 29 locations			
White-eyed Vireo			
11/25	P.I.	1	T. Burke#
Solitary Vireo			
11/3	Newton	1	H. Miller
11/3	W. Roxbury	1	T. Aversa
11/5	Lakeville	1	W. Petersen
Red-eyed Vireo			
11/4	Falmouth	2	T. Aversa#
11/7	Brookline	1	T. Aversa
Tennessee Warbler			
11/13	Middleboro	1	W. Petersen#
11/18	Arlington	1	K. Hartel
Orange-crowned Warbler			
11/4	Woods Hole	1	T. Aversa#
11/12	Marshfield	1	D. Clapp
11/10	Dorchester	1	R. Donovan
Yellow-rumped Warbler			
11/1-25	Wayland	50 max	11/11 N. Patterson
11/4	Rockport	15	BBC (J. Nove)
11/4	Westport	25	M. Rines#
11/4	Rockport	15	BBC (J. Nove)
11/5	Middleboro	25	G. d'Entremont#
11/11	Arlington	60	K. Hartel
11/12	GMNWR	9	M. Pelikan
11/15	Provincetown	15+	M. Lynch#
12/3	Falmouth	13	M. Lynch#
12/9	P.I.	2	S. Perkins#
Townsend's Warbler			
12/4-5	S. Boston	1	R. Donovan
Black-throated Green Warbler			
11/1	Boston (F.P.)	1	T. Aversa
Pine Warbler			
11/23	Quabbin (G40)	1	S. + L. Hennin
11/25	Lakeville	1	J. Cameron#
12/7	Cotuit	1	S. + E. Miller
12/25	Mattapoisett	1	F. Smith
12/31	Nantucket	2	G. d'Entremont#
Palm Warbler			
11/5	Wayland	3	M. Pelikan
11/10	M.V.	1	A. Keith#
11/11	Worcester	1	G. d'Entremont#
11/16	Cumb. Farms	7	M. Rines
11/26	Eastham	6	J. Young
Blackpoll Warbler			
11/1	Boston (F.Pk)	1	T. Aversa
11/13	Cumb. Farms	1	W. Petersen#
11/26	Roslindale	1	T. Aversa
Black-and-white Warbler			
11/3	Reading	1	L. Beattie
American Redstart			
11/2	MNWS	1	T. Aversa
11/11	Arlington	1	K. Hartel
11/20	Roslindale	1	T. Aversa
Ovenbird			
12/19-20	Newton	1	M. Linshaw

Common Yellowthroat			11/10 DWWS	1	F. Garretson
11/5 Worcester	1	BBS (M. Lynch)	11/17 Chatham	1	R. Clem
11/25 P.I.	1	T. Burke#	11/27 Dorchester	1	R. Donovan
11/27, 12/4 Boston	1	T. Aversa	Sharp-tailed Sparrow		
12/1 Fairhaven	1	T. Aversa	11/3 N. Attleboro	1	G. Valade
12/3 W. Barnstable	1	S. + E. Miller	11/7 S. Dart. (A.Pd)	1	LCES (J. Hill)
12/31 Nantucket	1	G. d'Entremont	11/25 Eastham (F.H.)	8	S. Arena#
Wilson's Warbler			Seaside Sparrow		
11/7 Nahant	1 m	T. Aversa	11/22 P.I.	2	T. Aversa#
Yellow-breasted Chat			11/25 Eastham (F.H.)	5	S. Arena#
11/4 Falmouth	1	T. Aversa	Fox Sparrow		
12/9 MNWS	1	J. Smith	11/1-23 Concord	7 total	R. Lockwood
12/12 Marshfield	1	D. Clapp	11/5 W. Newbury	4	J. Berry
Dickcissel			11/9 Spencer	5	M. Lynch#
11/3 W. Roxbury	1	T. Aversa	11/9 Arlington	5	M. Rines
11/4-16 Framingham	1 f	K. Hamilton	11/12 Boston	5	T. Aversa
11/16-19 Framingham	1 m	K. Hamilton	11/12 Concord	5	M. Pelikan
11/5 Truro	1	B. Nikula#	11/12, 11/27 Wayland	4, 1	G. Long
Rufous-sided Towhee			11/13 Wellesley	4	R. Forster
11/19 Ipswich	1	J. Berry	11/13 Lexington	4	C. Floyd
11/25 Truro	1	J. Young	12/1 Mt. A.	1	M. Rines
12/5 Falmouth	3	T. Aversa	12/7 Boston (F.Pk)	1	T. Aversa
12/18 Westwood	1	C. Bean	12/20 Gardner	1	L. Long
12/26 Ipswich	1	S. Carver	11/1-11/27 Reports of 1-3 indiv. from 8 loc.		
12/30 Nantucket	1	S. Perkins#	Lincoln's Sparrow		
American Tree Sparrow			11/1 Dorchester	1	R. Donovan
11/1 W. Acton	10+	A. Sgroi	11/3 Wayland	1	N. Patterson
11/11 Wayland	30	M. Pelikan	11/5 Southboro	1	R. Forster
11/13 Middleboro	50+	W. Petersen#	12/16 Provincetown	1	J. Smith
11/17 Bolton	15	S. + L. Hennin	12/30 Nantucket	1	S. Perkins#
11/26 Rowley	15	J. Berry	Swamp Sparrow		
11/27 Wayland	75	G. Long	11/5 Wayland	20	M. Pelikan
12/16 S. Dartmouth	60	M. Boucher	11/9 Lexington	10	M. Rines
Chipping Sparrow			11/12 GMNWR	10	M. Pelikan
11/2 E. Boxford	1	J. Brown#	12/5 Falmouth	12	T. Aversa
11/4 Cambridge	4	G. d'Entremont#	White-crowned Sparrow		
11/11 Worcester	1	G. d'Entremont#	11/3 Northboro	1	B. Volkle
11/11 Wayland	1	M. Pelikan	11/5 P.I.	1	R. Lockwood
11/26 Lakeville	1	R. Shore#	11/5-18 Worcester	1	M. Lynch#
12/2 Marstons Mills	1	T. Aversa	11/10 Medford	1	M. Rines
12/5 Bourne	4	T. Aversa	11/10 Dorchester	1	R. Donovan
12/7 Cotuit	1	S. + E. Miller	11/13 Cumb. Farms	6	F. Pratt
12/12-17 Lincoln	1	S. Perkins	11/14 N. Attleboro	1	G. Valade
12/16 S. Dartmouth	1	M. Boucher	11/25 Wellfleet	1 ad	W. Nichols
Clay-colored Sparrow			12/5 Falmouth	1 ad	T. Aversa
11/9 Reading	1	L. Beattie	12/22 Sandwich	5 imm	T. Aversa
11/11 Dorchester	1	R. Donovan	Dark-eyed Junco		
Field Sparrow			11/4 Southboro	50	E. Taylor
11/4 Westport	5	M. Rines#	11/9 Spencer	40+	M. Lynch#
11/11 Seekonk	6	J. Young	11/11 Worcester	25	G. d'Entremont#
11/15 Provincetown	2	M. Lynch#	"Oregon" Dark-eyed Junco		
12/1 Fairhaven	14	T. Aversa	11/22 Provincetown	1	W. Nichols
12/23 Freetown	32	T. Aversa	12/9-12 Essex	1 m	T. Young
Vesper Sparrow			Lapland Longspur		
11/9 Cumb. Farms	1	K. Weinheimer#	11/9 Spencer	5	M. Lynch#
12/22 Sandwich	1	T. Aversa	11/24 Middleboro	2	D. Zimmerlin
Lark Sparrow			11/25 Salisbury	11	T. Burke#
11/1-12 Cumb. Farms	1	D. Brown#	12/3 P.I.	2	R. Lockwood
12/13 Truro	1	H. D'Entremont	12/22 Salisbury	5	D. Chickering
Savannah Sparrow			Snow Bunting		
11/7 Lexington	15	M. Rines	11/2 Boston (Logan)	2000	N. Smith
11/13 Middleboro	35	W. Petersen#	11/3 P.I.	500	S. Haydock
12/5 Bourne	25	T. Aversa	11/4 Duxbury B.	30	K. Weinheimer#
12/9 Cumb. Farms	10	W. Petersen	11/4 Westport	138	M. Rines#
12/22 Sandwich	35	T. Aversa	11/4 W. Roxbury	44	F. Bouchard
"Ipswich" Savannah Sparrow			11/5 W. Newbury	50	J. Berry
11/10 P.I.	1	D. + I. Jewell	11/7 Lexington	40	M. Rines
11/23 Squantum	2	S. Arena	11/9 Spencer	60+	M. Lynch#
Grasshopper Sparrow			11/10 Dorchester	60	R. Donovan
11/4 Woods Hole	1	T. Aversa#	11/12 Sudbury	35	K. Hamilton
11/5, 11/11 Wayland	1	M. Pelikan	11/12 Ipswich	100	J. Berry

Snow Bunting (continued)			12/10	Rochester	4	M. LaBossiere
11/15	Provincetown	66	12/13	E. Middleboro	1	K. Anderson
11/22	Westport	89	12/21	Barnstable	1	S. + E. Miller
11/23	Truro	30	Red Crossbill			
12/3	Falmouth	37	11/4	Princeton	2	B. Van Dusen
12/16	S. Dartmouth	24	11/16	Quabbin (G40)	1	S. + L. Hennin
12/27	P.I.	100	11/25	S. Monomoy	2	B. Nikula#
12/28	Middleboro	23	12/24	Athol	2	B. Volkle
12/29	Petersham	30	Common Redpoll			
12/31	Groton	30	11/4, 11/23	Waltham	2, 2	R. Forster#
Bobolink			11/10	Pepperell	6	M. Resch
11/3	Brookline	1	11/17	Lexington	1	C. Floyd
Red-winged Blackbird			11/20	Athol	2	D. Small
11/6	N. Dartmouth	250	11/23	P.I.	8	P. + F. Vale
12/22	Sandwich	23	11/23	Truro	1	W. Ellison
12/22	N. Dartmouth	3	11/25	Worcester	25	B. Vasque
Eastern Meadowlark			12/2	Cumb. Farms	3	M. Rines#
11/4	Cumb. Farms	30	12/7	P.I.	40	B. Chiasson
11/26	DWWS	16	12/15	Quincy	20	N. Smith
12/1	Fairhaven	16	12/22	Sandwich	80	T. Aversa
12/2	Cumb. Farms	20+	12/23	Saugus	1	P. Duffy
12/13	DWWS	18	12/28	Dedham	1	N. Komar
12/23	Newbury	3	12/30	Nantucket	11	S. Perkins#
12/23	Truro	2	Pine Siskin			
12/25	Acushnet	6	11/4	W. Gloucester	2	H. D'Entremont
Rusty Blackbird			11/5	Southboro	1	R. Forster#
11/2, 11/30	Wayland	2, 1	11/5	E. Bridgewater	2	R. Fisher
11/4	Falmouth	3	11/7-12	Melrose	4	D. + I. Jewell
11/9	Peabody	4	11/9	Gloucester	1	C. Cook
11/14	Marstons Mills	1	11/16	Quabbin (G40)	1	S. + L. Hennin
11/17	Cumb. Farms	1	11/20	Athol	350+	D. Small
12/24	Wayland	2	11/21	Taunton	4	D. Cabral
Common Grackle			11/22	Gay Head	6	A. Fischer
11/4	Cumb. Farms	3000	11/25-30	Natick	3	E. Taylor
11/22	N. Dartmouth	500	11/26	Truro	2	J. Young
12/5	Woods Hole	12	12/1	Groveland	6	D. Chickering
12/14	Bolton	1	12/1-14	Rockport	25	J. Soucy
12/19	Wakefield	1	12/3	N. Andover	9	L. Wagner
12/25	S. Dartmouth	1	12/14	Ipswich	1	T. Young
Brown-headed Cowbird			12/15-31	Pepperell	2-6	B. Taus
11/6	N. Dartmouth	750	12/17	N. Attleboro	20	G. Valade
12/13	N. Dartmouth	1	12/31	Bolton	3	S. + L. Hennin
12/21	Wakefield	1	American Goldfinch			
Northern Oriole			11/4	DWWS	100	K. Weinheimer#
11/4, 11/14	Woods Hole	6, 3	11/13	Cumb. Farms	135	W. Petersen#
11/12	Chilmark	2	12/22	Sandwich	500	T. Aversa
11/16	Gay Head	1	Evening Grosbeak			
11/16, 11/23	Lexington	1, 2	11/1	Rockport (H.P.)	9	G. Ferguson
11/19	Needham	1	11/3	Marshfield	6	D. Clapp
11/20-22	Haverhill	1 f	11/4	Woods Hole	5	T. Aversa
11/21	Cumb. Farms	1	11/5	Truro	15	B. Nikula#
11/25	Watertown	1	11/5	Wenham	12	N. Nash
11/30	Natick	1	11/5	W. Newbury	20	J. Berry
12/3	New Bedford	1	11/6	Natick	38	B. Boyd
12/10	Falmouth	1	11/8	E. Bridgewater	6	R. Finch
12/13	Centerville	1	11/8	Waltham	3	C. Ralph
12/1-19	Lexington	1	11/13-14	Athol	20	D. Small
Pine Grosbeak			11/23	Petersham	8	S. + L. Hennin
11/4-5	Mt. Wachusett	2	11/22	Middleboro	8	M. Boucher
11/24-12/31	Royalston	25 max	11/24	Hardwick	36	M. Lynch#
12/3, 12/26	Gardner	19, 23	11/25	Royalston	40	R. Lockwood
12/30	Petersham	9	12/3-5	Gardner	10	T. Pirrou
12/30	Athol	12	12/10-24	Pepperell	10-20	B. Taus
Purple Finch			12/18	Maynard	3	L. Nachtrab
11/2	Natick	3	12/30	Nantucket	2	S. Perkins#
11/3	W. Roxbury	8	12/31	Carver	4	E. Rehbein
11/4	Wenham	3	Eurasian Tree Sparrow			
11/7	N. Attleboro	3	11/6-12/31	Brighton	1 ph	R. Hastie + v.o.
11/27	Wayland	4				

HOW TO CONTRIBUTE BIRD SIGHTINGS TO *BIRD OBSERVER*

This publication prints monthly compilations of reports of birds seen in the ten counties of eastern Massachusetts (Worcester County and east) and offshore waters. Space does not permit the inclusion of all material submitted. However, bird sightings sent to *Bird Observer* are archived at the Massachusetts Audubon Society. Our compilers select and summarize for publication sightings that provide a snapshot of birdlife during the reporting period. These sightings include early and late dates for migratory species, maximum counts of migrants and some common birds, and species found beyond their normal ranges.

Sightings for any given month must be reported in writing by the eighth of the following month. Send to Bird Sightings, Robert H. Stymeist, 94 Grove Street, Watertown, MA 02172. Please organize reports by month and by species in current A.O.U. checklist order. Include name and phone number of observer, common name of species, date of sighting, location, number of birds, number of observers, and information relevant to age, sex, morph, etc.

Reports of difficult identifications, vagrants, rarities, or species unusual as to place, time, or prior nesting activity in Massachusetts also should be reported promptly to the Massachusetts Avian Records Committee, c/o Wayne Petersen, Massachusetts Audubon Society, South Great Road, Lincoln, MA 01773. Include, in addition to the above information, time of day and light available, weather conditions, the optics used and approximate distance from the bird, length of observation, observer's prior experience with the species, and field guide or other references used. Provide a description of the bird based solely on personal observation. Comment on the distinguishing field marks (observed and unobserved), vocalizations, activity, general behavior, habitat, and other birds present. Include with your report copies of any field notes and sketches.



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LIST OF ABBREVIATIONS

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