

BIRD SIGHTINGS

JANUARY/FEBRUARY 1997

SUMMARY

by Marjorie W. Rines and Robert H. Stymeist

January 1997 was mild, dry and on the sunny side. There were wide variations in temperature, with seven days recording readings of 50° or higher. The high was 55° on January 25. The low recorded at Boston was zero on January 19, the first zero reading since January 27, 1994. Precipitation totaled 2.5 inches, 1.09 inches less than average, and snowfall was recorded at 9.7 inches, 2.9 inches less than normal. On the 31st, a prolonged period of light rain produced very slippery surface conditions and caused numerous accidents. The very dangerous conditions continued into the morning of February 1. February was also mild, averaging 5.7° above normal. This was the seventh warmest February in 129 years. The high was 66° on the 22nd, and the temperature reached 64° on the 19th and 61° on the 21st. Rainfall reached 1.55 inches, 1.25 inches less than average, and snowfall totaled 4.8 inches, 6.9 inches under the average. The deepest snow cover was 3 inches, a great contrast to last year.

R. H. S.

LOONS THROUGH WOODPECKERS

An "Arctic/Pacific" type loon reported from Boston Harbor was seen by two observers on February 9, but later attempts to relocate the bird were unsuccessful. This species is included on the Review List of the Massachusetts Avian Records Committee (MARC), and beginning with this issue of *Bird Observer*, Review List species will be noted with an asterisk (*) to indicate that the report is pending a vote by the MARC. An **Eared Grebe**, initially discovered in October 1996, remained at Eastern Point in Gloucester through the beginning of February. One or two American Bitterns are routinely reported in midwinter, but seldom from as far north as the one seen on Plum Island in January. The **Least Bittern** reported from Cotuit represented only the third ever in Massachusetts in winter, the second being a bird discovered in Newburyport during the 1996 Newburyport Christmas Bird Count in December.

Mild temperatures in late December and early January kept many lakes and ponds free of ice, and as a result, waterfowl were reported in above-average numbers. Among these were a few unusual species. **Tundra Swans** on Nantucket and in Newton were a pleasant surprise, and **Greater White-Fronted Geese** were reported from several locations, including individuals in Wellesley and the Ipswich area that lingered for most of the reporting period. Unusually high numbers of Snow Geese were reported. **Eurasian Wigeon** are regular visitors to Plymouth and Cape Cod during winter months, but reports from Plum Island and in the Belmont area were unusual. The Belmont Eurasian Wigeon frequented areas where another individual was seen last winter, and is presumably the same one reported later from the adjacent town of Arlington. **Tufted Duck**, historically rare in Massachusetts, has become almost an annual winter visitor to the state, with two individuals reported during January and February. **King Eider** are usually seen singly in our waters, so reports of three individuals in Rockport and two in Sandwich were noteworthy.

A large Turkey Vulture roost on the Westport/Dartmouth town was found to include two **Black Vultures**. As the vulture flies, Bourne is a short glide from Westport, and Chatham not much more, so reports from these towns could have involved the same birds. Bald Eagles were widely reported, as were Red-shouldered Hawks, but it was a poor winter for Rough-legged Hawks. Three inland reports of Merlin were unusual, and suggest the changing status of this interesting little raptor. A **Gyr Falcon** in Lowell was photographed, and is described in more detail in this issue of *Bird Observer*.

An exceptionally warm day on February 22 coincided with the first reports of migrant Killdeer and displaying American Woodcock. Black-headed Gulls were more widely reported than usual, but reports from the Winthrop area, where they have recently wintered in greater numbers, were low. This decline may relate to a reduction in the discharge of sewage into Boston Harbor from the Deer Island waste water facility. A **Mew Gull** in Winthrop was reported by numerous observers, although no details have been submitted to the MARC. A report of a second **Mew Gull** in South Boston (possibly the same individual) was accompanied by

details. Among alcids, Razorbills were very poorly reported. Two oiled **Common Murres** were discovered in early February on Cape Cod beaches, but as is usually the case, the source of the oil remained a mystery.

Snowy Owls were well reported, especially from Logan Airport in Boston, Duxbury and Nantucket. The bird of the season was Boston's Back Bay **Boreal Owl**. Originally reported in November, it continued to delight hundreds of visitors into the new year. Five reports of Red-headed Woodpeckers represented a relatively high midwinter total.

M. W. R.

Date	Location	Number	Observers	Date	Location	Number	Observers
Red-throated Loon				1/1	Wood's Hole	81	G. d'Entremont#
1/12	Boston H.	4	TASL (M. Hall)	1/4	Rockport	300	P. + F. Vale
1/20	Provincetown	25	W. Ellison	1/18	Lawrence	10	J. Hogan
2/8	Winthrop	3	M. Pelikan	2/8-9	No. Scituate	70	K. Godfrey
2/9	Boston H.	11	TASL (M. Hall)	2/9	Rockport	85	J. Berry
Arctic/Pacific Loon (details submitted) *				2/9	Boston H.	7	TASL (M. Hall)
2/9	Boston H.	1	B. Zuzavich#	2/15	Gloucester	45	J. Berry
Common Loon				2/16	Newbyrt	35	J. Berry
1/4	Rockport	8	P. + F. Vale	Double-crested Cormorant			
1/12	Boston H.	3	TASL (M. Hall)	1/1	Wood's Hole	6	R. Stymeist#
1/20	Provincetown	13	W. Ellison	1/4	Provincetown	1	B. Nikula#
1/20	Ipswich	11	J. Berry	1/5	Nantucket	2	G. d'Entremont#
2/2	Salisbury	15	M. Lynch#	1/11	Cambridge	1	R. Stymeist
2/9	Rockport	1	J. Berry	1/18	Lawrence	1	J. Hogan
2/9	Boston H.	4	TASL (M. Hall)	1/20	Lakeville	1	D. Sandee
2/23	Cape Ann	8	J. Berry	2/1	Falmouth	2	H. Wiggin#
Pied-billed Grebe				2/12	Boston	3	J. Berry
1/1-31	Lynn	1-2	J. Quigley	American Bittern			
1/2-16	Salem	1	L. Healy	1/15	P.I.	1	fide B. Gette
1/3	Medford	1	D. + I. Jewell	2/7	Eastham (F.H.)	2	P. Trull#
1/4	Arlington	2	M. Pelikan	Least Bittern			
1/4	Nantucket	8	G. d'Entremont#	1/12	Cotuit	1	R. Lancaster
1/7	Framingham	1	K. Hamilton	Great Blue Heron			
1/9	Wareham	5	R. Finch	1/3	Nantucket	6	G. d'Entremont#
1/19	Bolton	1	L. Hennin	1/7	Framingham	3	K. Hamilton
2/1	Falmouth	2	S. + L. Hennin	1/21	Boston	3	K. Hudson
2/8	Wayland	1	N. Patterson	1/26	S. Dart. (A.Pd)	5	LCES (J. Hill)
2/16	Eastham	2	W. Petersen#	2/8	Chatham	5	R. Finch
2/21	Marstons Mills	1	G. d'Entremont	2/14	Boston	3	K. Hudson
Horned Grebe				2/21	Plymouth	5	G. d'Entremont
1/1	Winthrop	28	P. + F. Vale	Black-crowned Night-Heron			
1/4	Rockport	15	P. + F. Vale	1/4	Nantucket	5	G. d'Entremont#
1/12	Boston H.	40	TASL (M. Hall)	1/20	Boston	1	K. Hudson
1/19	P.I.	18	BBC (D. Oliver)	2/1	Falmouth	1	H. Wiggin#
1/21	Truro	7	W. Ellison	2/1	Saugus	1	J. Quigley
2/2	Salisbury	20	M. Lynch#	Tundra Swan			
2/8	Newbyrt	12	R. Donovan	1/16	Nantucket	1	E. Ray
2/9	Boston H.	81	TASL (M. Hall)	2/28	Newton	1	C. Hepburn, D. Oliver
2/23	Cape Ann	25	D. Chickering	Whooper Swan			
Red-necked Grebe				2/22	Ipswich	1	R. Stymeist#
1/1	Winthrop	15	P. + F. Vale	2/23	P.I.	4	BBC (M. Burns)
1/2	Hull	55	N. Swirka	Mute Swan			
1/4	Rockport	8	P. + F. Vale	2/9	Boston H.	20	TASL (M. Hall)
1/12	Winthrop	12	F. Bouchard	Greater White-fronted Goose			
1/12	Boston H.	12	TASL (M. Hall)	1/4-26	Ipswich/Hamilton	1-2	v.o.
2/1	Newbyrt H.	3	J. Berry	1/6-2/25	Wellsley	1 imm	R. Forster + v.o.
2/8	Eastham	1	R. Forster	1/20	New Bedford	1	M. Boucher
2/9	Boston H.	13	TASL (M. Hall)	2/10	Newbury	1	D. + I. Jewell
2/15	E. Gloucester	7	J. Berry	Snow Goose			
2/23	Cape Ann	8	J. Berry	thr	Arlington	1	M. Rines
2/23	Gloucester	15	D. Chickering	1/1-11	Ipswich	1	J. Berry
2/28	N. Scituate	22	v.o.	1/1	P.I.	1	P. + F. Vale
Eared Grebe (details submitted) *				1/4	Wellfleet H.	1	G. Martin
1/1-02/8	Gloucester	1	J. Soucy + v.o.	1/7	Melrose	1 imm	D. + I. Jewell
Northern Gannet				1/12	Ipswich	1	D. Sandee
1/19	Duxbury B.	2	SSBC (N. Swirka)	1/18	Hamilton	1 ad	R. Stymeist
1/23	Provincetown	20	J. Sones	1/24	Dighton	2	E. Brunkhurst
2/2	P.I.	1	M. Pelikan	2/2	Nantucket	1	fide E. Ray
2/9	Boston H.	2	TASL (M. Hall)	2/22	P.I.	5	R. Heil
2/22	Rockport	25 ad	R. Heil	2/23	E. Bridgewater	1 imm	R. Finch
Great Cormorant				2/24	Newbyrt/P.I.	5	S. Perkins#

Brant				1/23	Nantucket	1	E. Ray
1/12	Boston H.	692	TASL (M. Hall)	1/30-2/18	Arlington	1	v.o.
2/1	Plymouth	25	H. Wiggin#	2/1	Oak Bluff	1	V. Laux#
2/9	Boston H.	873	TASL (M. Hall)	2/9	N. Chatham	2 m	B. Nikula#
2/21	Newbypt	100	D. Chickering	2/22	P.I.	1 m	W. Taitrow
Canada Goose				American Wigeon			
1/1	Newbypt	1700BBC (L. de la Flor)		1/3	Belmont	10	J. Campbell
1/11	Ipswich	1500	J. Berry	1/3	Salem	11	L. Healy
1/19	Hamilton	800	G. d'Entremont	2/2	Arlington	12	P. + F. Vale
1/22	Medford	600	M. Rines	2/8	Sudbury	6	E. Taylor
1/26	Westport	512	M. Lynch#	2/15-23	E. Gloucester	3	J. Berry
2/9	Boston H.	389	TASL (M. Hall)	2/22	Topsfield	4	P. + F. Vale
Wood Duck				Canvasback			
1/12	Lynn	1	R. Stymeist#	1/1-2/28	Falmouth	50 max	v.o.
1/25, 2/8	Medford	1	D. Oliver	1/4	Cambridge	3	R. Stymeist
1/26	S. Dartmouth	1BBC (R. Stymeist)		1/6	Wareham	16	F. Smith
2/22	Wayland	1	M. Pelikan	1/8	Lakeville	7	R. Finch
2/26	Cumb. Farms	7	R. Finch	2/12	Boston	2	J. Berry
2/27	Wayland	4	N. Patterson	2/23	Westport	185	F. Bouchard
2/28	Concord (NAC)	2	S. Perkins	Redhead			
Green-winged Teal				1/1	Falmouth	5	R. Forster
thr	Cambridge	11 max	J. Campbell	1/4	Nantucket	22	G. d'Entremont#
1/1	Marston's Mills	30	B. Nikula#	2/1	Oak Bluffs	2	V. Laux#
1/3	Sudbury	6	R. Forster	2/1	Falmouth	64	E. Banks#
1/3	Nantucket	9	G. d'Entremont#	2/21	Plymouth	2	G. d'Entremont
1/9	Marlboro	5	R. Forster	2/23	Chilmark	1	A. Keith#
2/21	DWWS	2	v.o.	2/26	Danvers	1 m	R. Perez
2/22	P.I.	40	R. Heil	Ring-necked Duck			
2/22	Wakefield	3	P. + F. Vale	1/4	Cambridge	52	R. Stymeist
2/23	Ipswich	2	J. Soucy	1/7	Frammingham	66	K. Hamilton
2/27	Concord	13	G. Ferguson	1/18	Medford	22	M. Rines
2/28	Wayland	2	N. Patterson	2/1	Falmouth	50	H. Wiggin#
American Black Duck				2/8	Frammingham	50	E. Taylor
1/6	P.I.	700	W. Drew#	2/22	Arlington Res.	25	M. Pelikan
1/12	Boston H.	1128	TASL (M. Hall)	2/25	Wayland	25	R. Forster
1/14	S. Dart. (A.Pd)	166	LCES (J. Hill)	2/28	S. Hanson	200	W. Petersen
2/7	P.I.	457	W. Drew#	Tufted Duck			
2/9	Boston H.	1097	TASL (M. Hall)	1/13-2/17	Nantucket	1 m	N. Brooks + v.o.
Northern Pintail				2/1-14	Plymouth	1 m	B. Harrington
1/3	Sudbury	4	R. Forster	Greater Scaup			
1/9	Marlboro	3	R. Forster	1/1	Falmouth	600	M. Lynch#
2/20	Wellesley	3	R. Forster	1/12	Boston H.	96	TASL (M. Hall)
2/22	Wayland	4	M. Pelikan	2/9	Boston H.	990	TASL (M. Hall)
2/24	Newbypt/P.I.	11	S. Perkins#	2/13	Winthrop	100	M. Telfer
2/27	Concord	6	G. Ferguson	2/19	Lakeville	75	K. Anderson
2/28	P.I.	6	M. Pelikan	Lesser Scaup			
thr	Reports of or 2 indiv. from 10 loc.			1/1	Falmouth	5	M. Lynch#
Blue-winged Teal				1/4	Nantucket	9	G. d'Entremont#
1/5	Squibnocket	1	A. Keith	2/9	Plymouth	15	J. Hoye#
Northern Shoveler				2/10	Lakeville	2	B. Parker
1/1-10	Kingston	1	v.o.	Scaup species			
1/1-2/9	Marstons Mills	2 f	E. Salmela + v.o.	2/17	Nantucket	243	fide E. Ray
1/5	Belmont	1	D. + I. Jewell	Common Eider			
1/5-2/28	Boston	1	R. Kelly + v.o.	1/1	Salisbury	1000	J. Berry
1/19	Lakeville	1	D. Small#	1/1	Winthrop	100+	P. + F. Vale
1/26	Seekonk	1	M. Boucher	1/12	Boston H.	6195	TASL (M. Hall)
2/7-21	DWWS	1	v.o.	1/18	Newbypt	2500	BBC (S. Grinley)
Gadwall				1/20	Ipswich	200	J. Berry
1/1	Marstons Mills	40	M. Lynch#	2/1	Salisbury	1200	J. Berry
1/3	Sudbury	4	R. Forster	2/9	Boston H.	9491	TASL (M. Hall)
1/4	Gloucester	10	J. Brown#	King Eider			
1/4	P.I.	3	P. + F. Vale	thr	Rockport	1-3	v.o.
1/9	Marlboro	7	R. Forster	1/4	Sandwich	2 f	D. Sandee
1/23	Belmont	3	M. Rines	2/8	Sandwich	1 f	D. Lange#
2/7	DWWS	41	D. Clapp	2/16	E. Orleans	1 f	W. Petersen#
2/21	Marstons Mills	9	G. d'Entremont	Harlequin Duck			
2/22	P.I.	8	R. Heil	1/4	Rockport	23	R. Finch
2/24	Newbypt/P.I.	3	S. Perkins#	1/28	Nantucket	18	E. Ray
Eurasian Wigeon				2/8	Rockport	31	G. d'Entremont
1/1	Plymouth	1	M. Lynch#	2/16	E. Orleans	3	W. Petersen#
1/3-25	Belmont	1	v.o.	2/23	Duxbury B.	2	E. Cleveland
1/3	Oak Bluffs	1	A. Keith				

Oldsquaw			
1/12	Boston H.	4	TASL (M. Hall)
1/18	Newbypt H.	500	H. Wiggin#
2/2	Newbypt	250	M. Lynch#
2/9	Boston H.	27	TASL (M. Hall)
Black Scoter			
1/3	Nant. Sound	27	G. d'Entremont#
2/23	Rockport	45	M. Lynch#
Surf Scoter			
1/1	Winthrop	3	P. + F. Vale
1/3	Nant. Sound	400	G. d'Entremont#
1/12	Boston H.	27	TASL (M. Hall)
2/9	Boston H.	46	TASL (M. Hall)
White-winged Scoter			
1/3	Nant. Sound	250	G. d'Entremont#
1/12	Boston H.	243	TASL (M. Hall)
2/9	Boston H.	621	TASL (M. Hall)
Common Goldeneye			
1/1	Winthrop	35	P. + F. Vale
1/7	Framingham	14	K. Hamilton
1/12	Boston H.	337	TASL (M. Hall)
1/20	Rowley	36	J. Berry
2/2	Newbypt	100	D. Chickering
2/9	Boston H.	675	TASL (M. Hall)
2/15	Rowley	90	J. Berry
2/16	Newbypt/Salis.	800	M. Lynch#
Barrow's Goldeneye			
thr	Newbypt	1-2	v.o.
1/1-2/13	Winthrop	1	v.o.
1/1	Chilmark	1 f	D. Lange#
1/2	M.V. (East Chop)	2 m	A. Keith
1/12	Quincy	2 m	B. Zuzavich
1/12	Boston H.	3	TASL (M. Hall)
1/18	New Bedford	2	G. Gove
1/21	Beverly	1 m	L. Healy
1/26	Quincy	1	B. Zuzavich
1/29	Osterville	2	fide J. Sones
2/1	Oak Bluffs	2	V. Laux#
2/2	Chappaquiddick	1 m	A. Keith#
2/15	Plymouth	1 f	R. Heil
2/17	Nantucket	2	fide E. Ray
2/22	Gloucester	1 m	R. Heil
Bufflehead			
1/11	Lynn	300	M. Lynch#
1/12	Boston H.	953	TASL (M. Hall)
2/2	Newbypt/Salis.	1200	M. Lynch#
2/9	Boston H.	1484	TASL (M. Hall)
Hooded Merganser			
1/1	Plymouth	40	M. Lynch#
1/7	Framingham	43	K. Hamilton
1/18	Medford	17	M. Rines
2/1	Oak Bluffs	75	V. Laux
2/8	Eastham	35	R. Forster
thr	Reports of 1-8 indiv.	from 12 loc.	
Common Merganser			
1/4	Cambridge	25	R. Stymeist
1/7	Framingham	161	K. Hamilton
1/18	Medford	34	M. Rines
1/20	Wareham	42	M. Boucher
2/22	N. Andover	60	E. Stromsted
2/22	Southboro	100	E. Taylor
2/22	Wayland	67	N. Patterson
Red-breasted Merganser			
1/12	Boston H.	524	TASL (M. Hall)
2/9	Boston H.	716	TASL (M. Hall)
Ruddy Duck			
thr	Medford	49 max	M. Rines
1/1	Plymouth	2	M. Lynch#
1/1	Lakeville	6	M. Boucher
1/4	Nantucket	1 f	G. d'Entremont#
1/5	Falmouth	4	B. Parker
1/12	Boston	50	A. Young

Black Vulture			
1/6	Bourne	1	M. Boucher#
1/26-2/28	Dartmouth	1-2	BBC (R. Stymeist)
2/1	Chatham	1	W. Bailey#
Turkey Vulture			
1/1-31	Dartmouth	50+	J. Clancy
2/16	Pocasset	1	L. Cocca
2/18	Arlington	1	D. Chickering
2/22	Newbury	1	R. Stymeist#
2/22	Waltham	1	R. Forster
2/22	Dedham	1	E. Kile
2/22	Maynard	6	L. Nachtrab
2/22	GMNWR	1	M. Pelikan
2/23-28	General arrival		
Bald Eagle			
1/2, 22	Wayland	1	N. Patterson
1/5	Natick	1 imm	M. King
1/7	Winchendon	1 ad	C. Crosby
1/8	Salisbury	1	B. Gette
1/8	Duxbury	1 imm	D. Ludlow
1/10-15	M.V.	2	fide V. Laux
1/18	Lawrence	4	J. Hogan
1/19	Lakeville	1	D. Small#
1/20	Wareham	1 ad	M. Boucher
1/21-25	Waltham	1	M. Beckwith + v.o.
1/21	Pembroke	2	C. Sherman
1/22	Fall River	1	F. Thurber
1/23	Danvers	1 ad	L. Healy
1/24	Amesbury	1 ad	D. + I. Jewell
1/24	Lakeville	2	B. Wicks
1/24	Sudbury	1 imm	R. Forster
1/28	Plymouth	1	P. Hecht
1/28	Dracut	2	R. LeTendre
1/28	Boylston	2	J. Liller
1/29	Wachusett Res.	2 imm	M. Lynch#
1/30	S. Carver	1 ad	J. Shaw
1/31	Wareham	1	M. LeBossiere
2/1-10	Hanson	1 ad	J. Hall
2/2	Westport	2	F. Thurber
2/7	P.I.	1	W. Drew#
2/7	Pepperell	1 imm	E. Stromsted
2/12-15	W. Tisbury	1 imm	v.o.
2/12	Chilmark	1 ad	S. Kelly#
2/22	Petersham	4	SSBC (D. Ludlow)
2/23	Newbypt area	3	BBC (M. Burns)
2/24-25	Wayland	1 imm	K. Hamilton
2/28	S. Hanson	3	W. Petersen
Northern Harrier			
thr	Cumb. Farms	2-8	v.o.
1/1	DWWS	2	D. Furbish
1/9	Dedham	1	N. Komar
1/12	Rowley	1	J. Berry
1/19	Barnstable	1	N. Komar
1/19	Truro	2	W. Ellison#
1/19	P.I.	2	D. Oliver
1/19	Bourne	1	R. Finch
2/24	Salisbury	2	S. Perkins#
Sharp-shinned Hawk			
thr	Reports of indiv.	from 28 locations	
Cooper's Hawk			
thr	Reports of indiv.	from 39 locations	
Northern Goshawk			
1/4, 2/1	Newbury	1	P. + F. Vale
1/7	Groton	1	T. Pirro
1/16	Beverly	1	J. Brown#
1/25	Middleboro	1	S. + L. Hennin
2/4	Chatham	1	R. Clem
2/16	E. Boxford	1 ad	J. Brown#
2/20	Hopkinton	1	R. Wolanin
2/22	Newbypt	1 imm	R. Heil
2/22	Groton	1	E. Stromsted

Red-shouldered Hawk				thr	Arlington	85	max	M. Rines
1/1-31 DWWS	1	imm	v.o.	1/2	Eastham	65		R. Forster
1/3 Wayland	1		R. Forster	1/20	Lynn	14		R. Forster
1/15 Essex	1		J. Brown#	1/28	Nantucket	36		E. Ray
1/18 Westport	1		G. Gove	2/1	Wareham	9		J. Titus
1/27 S. Dartmouth	1		M. Boucher	2/16	Lynn	12		J. Brown#
1/30 Norwell	1		R. Shea	Killdeer				
2/2 Halifax	1		K. Anderson	1/1	Chilmark	4		G. d'Entremont#
2/6-28 E. Middleboro	pr		K. Anderson	1/9	Plymouth	1		R. Finch
2/8 Lexington	1		C. Cook	1/19	Orleans	1		B. Parker
2/9 S. Dartmouth	1		D. Larson	2/8	Cumb. Farms	1		R. Finch
2/12 Hanover	3		W. Petersen	2/22	P.I.	4		S. Moore
2/16 Lincoln	2		R. Symeist#	2/22	Ipswich	7		R. Heil
2/16 Sudbury	1	ad	J. Hoye#	2/22	Newbury	5		R. Heil
2/18 Westport	1		D. Chickering	2/22	Essex	1		J. Hoye#
2/21 Medford	1		M. Rines#	2/22	Winthrop	2		R. Forster#
2/22 GMNWR	1		M. Pelikan	2/22	Arlington Res	1		M. Pelikan
2/22 Carlisle	1		D. Sandee	2/22	Lexington	1		M. Pelikan
2/28 S. Hanson	1		W. Petersen	Ruddy Turnstone				
2/28 E. Boxford	2		K. Disney	1/3	Nantucket	9		G. d'Entremont#
Rough-legged Hawk				2/3	Gloucester	2		B. Parker
1/4-2/3 P.I.	1-2		v.o.	2/16	Rockport	2		L. Nachtrab
1/6 Cumb. Farms	1		R. Finch	Red Knot				
1/10 Salisbury	1	lt	D. + I. Jewell	1/4	P'town (R.P.)	2		G. Martin
1/12 Rowley	1	lt	J. Berry	2/9	No. Scituate	3		K. Godfrey
1/12 Ipswich	1		D. Sandee	Sanderling				
1/21 Ipswich	1		K. Disney	1/12	Boston H.	208		TASL (M. Hall)
2/3 Cumb. Farms	1		M. Boucher	1/19	Yarmouth	15		N. Komar
2/17 Nantucket	1		fide E. Ray	1/21	Brewster	50		W. Ellison#
American Kestrel				2/9	Boston H.	72		TASL (M. Hall)
1/5, 1/29 Boston	7, 3		N. Smith	Purple Sandpiper				
thr			Reports of indiv. from 20 locations	1/1, 2/16	Westport	9		M. Boucher
Merlin				1/12	Boston H.	29		TASL (M. Hall)
1/22 Wayland	1		N. Patterson	1/19	Rockport	25		J. Berry#
2/14 Cambridge	1		C. Cook	1/20	Marblehead	60		R. Forster
2/11, 28 Wellesley	1		R. Forster	2/7	Marshfield	65		D. Clapp
thr			Reports of indiv. from 14 coastal loc.	2/8	Winthrop	4		S. + L. Hennin
Gyrfalcon				2/9	Manomet	15		E. Kile
2/1 Lowell	1		L. Hunnewell	2/9	Boston H.	11		TASL (M. Hall)
Peregrine Falcon				2/15	Newbypt	15+		fide S. Grinley
thr			Boston	2/28	N. Scituate	250		v.o.
1/4 Gloucester	1		H. Wiggin#	Dunlin				
1/11 Newbypt	1		E. Tarry	1/12	Boston H.	184		TASL (M. Hall)
1/17 Peabody	1		P. Roberts	1/21	Brewster	280		W. Ellison#
1/24 Salisbury	1		D. + I. Jewell	2/7	Marshfield	90		D. Clapp
1/26 Newbury	1		J. Brown#	2/9	Duxbury	275		E. Cleveland
2/17 Natick	1		D. Larson	2/9	Boston H.	15		TASL (M. Hall)
2/17 Nantucket	1		fide E. Ray	Common Snipe				
2/28 P.I.	1	ad	M. Pelikan	1/8	Cumb. Farms	1		R. Finch
Ruffed Grouse				1/24	Worc. (BMB)	1		B. Rasku
1/5 Kingston	1	m	D. Ludlow#	2/24	MNWS	1		L. Healy
1/5 Wayland	1		N. Patterson	American Woodcock				
1/24 Worc. (BMB)	1		B. Rasku	1/1	Chilmark	1		A. Keith#
2/8 Boxford	1		P. + F. Vale	2/3	Barnstable	1	m	E. Miller
2/9 Topsfield	1		R. Finch	2/10	Marshfield	1		D. Ludlow
2/12 Medford	2		D. + I. Jewell	2/19	Brookline	1		L. Kaplan
2/24 Kingston	1		D. Ludlow	2/20	Wayland	1		N. Patterson
Wild Turkey				2/27	Newton	5		B. Chiasson
1/1-31 Braintree	1		R. Campbell + v.o.	2/22-28	Reports of 1-3 indiv. from 14 loc.			
1/15 Gardner	66		T. Pirro	Black-headed Gull				
1/16 S. Dartmouth	2		M. Boucher	1/1	Katama	1		A. Keith
1/24 Worc. (BMB)	5		B. Rasku	1/4	Lynn	2		L. Healy
2/8 Newbypt	20+		C. Cook	1/6	Winthrop	3		R. Cressman
2/8 Petersham	18		M. Lynch#	1/1-2/28	Newbypt	1		v.o.
2/21 Medford	1		M. Rines#	1/10-28	S. Boston	1-2		R. Donovan#
2/22 Petersham	11		SSBC (D. Ludlow)	1/31	Cotuit	1	ad.	G. Martin
Northern Bobwhite				1/20-2/28	Gloucester	1-2	1W	v.o.
1/7 Newton	3	f	H. Miller	1/25	E. Boston	1	ad	J. Quigley
2/15 Cumb. Farms	1		G. d'Entremont	1/26	Rockport	1		S. Gaulin
Virginia Rail				2/2	Nantucket	1		fide E. Ray
1/11 Barnstable (S.N.)	1		B. Zuzavich	2/9	Boston H.	3		TASL (M. Hall)
American Coot				2/19	Lynn	1		J. Quigley

and the Cumberland Farms area of Middleboro, played host to good flocks of Horned Larks, Snow Buntings, and fair numbers of American Pipit and Lapland Longspurs. Carolina Wren reports were typical of the past three winters. The winter of 1994 was particularly harsh, and reports of this species since that time have been lower than in the early 1990s. Winter Wrens were well reported, and three Marsh Wrens, reported from Boston and areas north, is unusual for midwinter. A **Townsend's Solitaire**, originally discovered in December, lingered through the entire reporting period, affording many birders the opportunity to see this rare western vagrant. There are often reports of Hermit Thrushes, Gray Catbirds and Brown Thrashers during January and February, but seldom as many as were reported from the northern part of the state. The scattering of **Bohemian Waxwings** reports were lucky finds for only a few observers. While nothing to compare to the invasion of 1996, Northern Shrikes were reported in good numbers. A surprising lingerer was a Black-throated Blue Warbler seen on New Year's Day on Martha's Vineyard. Winter occurrences of this species are extremely unusual, so it was some solace to observers searching unsuccessfully for the Northern Lapwing seen for a few days at the end of December.

Eastern Towhee was another species that benefited from the mild winter, and a **Spotted Towhee**, seen by at least two observers at Marblehead Neck sanctuary, was an exceptional find. An excellent variety of sparrows were reported. Chipping, Clay-colored, Field, Savannah, Fox and Swamp Sparrows are regular overwinterers, but seldom in as good numbers as during this reporting period. An obliging **Harris' Sparrow** which was discovered at a Salisbury feeder in mid-January, and stayed through the reporting period. Several "Northern" and Baltimore orioles spurred many discussion on the field identification of oriole females. Winter finches? What winter finches!

Horned Lark				2/21	Northboro	5	A. Boover
1/1	S. Dartmouth	75	M. Boucher	2/23	Melrose	3	P. + F. Vale
1/1	Newbury	610	BBC (L. de la Flor)	2/27	Petersham	5	C. Phillips
1/4	P.I.	50	P. + F. Vale	2/27	Medford	3	M. Rines
1/9, 2/8	Cumb. Farms	175, 100	R. Finch	Carolina Wren			
1/11	Ipswich	60	J. Berry	1/1-31	Natick	2	R. Natt
1/19	Bourne	10	N. Komar	1/1-31	DWWS	2	D. Furbish
1/19	Bridgewater	150	D. Small#	1/1	Ipswich	2	J. Berry
2/1	Duxbury B.	17	D. Clapp	1/1	Chilmark	20	R. Stymeist#
2/04	Newbury	150	R. Heil	1/3	Northboro	1	B. Volkle
2/7	DWWS	16	D. Clapp	1/4	East Bridgewater	1	R. Finch
2/22	Rowley	12	R. Heil	2/1-28	Sherborn	2	E. Taylor
American Crow				2/1	Rockport	1	J. Rose
1/1-2/28	Framingham	9000 max	E. Taylor	2/15	Acton	1	M. Rines
1/12	Brookline	1000+	E. Taylor	2/16	Westboro	1	A. Boover
1/26	Lawrence	6500	J. Hogan	2/23	Marshfield	6	N. Swirka
2/8	Woburn	4-5000	S. Perkins	Winter Wren			
Fish Crow				thr	Medford	1	M. Rines
1/9	Watertown	2	R. Stymeist	1/2	MNWS	1	L. Healy
1/11	Falmouth	1	S. + L. Hennin	1/4	Gardner	1	T. Pirro
1/12	Newbury	1	C. Corley	1/5	Harvard	1	S. + L. Hennin
1/26	Lawrence	2	J. Hogan	1/20	Worc. (BMB)	1	B. Rasku
2/1	Woburn	20	M. Rines	1/30	Gloucester	1	M. Rines
2/1	Salisbury	1	M. Rines#	2/4	Marshfield	1	D. Ludlow
2/6	Duxbury	1	F. Bygate	2/8	MNWS	1	J. Smith
2/8	Braintree	1	G. d'Entremont	2/22	Rockport	1	R. Heil
2/9	Arlington	1	J. Soucy	Marsh Wren			
2/23	Worcester	1	M. Lynch#	1/13	Dorchester	1	R. Donovan
2/28	S. Hanson	2	W. Petersen	2/04	Newbypt	1	R. Heil
Common Raven				2/22	Gloucester	1	R. Heil
1/12	Gardner	1	T. Pirro	Golden-crowned Kinglet			
1/28	Boylston	2	J. Liller	1/17	Marshfield	4	D. Furbish
1/29	Wachusett Res.	2	M. Lynch#	1/30	Stoneham	4	D. + I. Jewell
2/21	Groton	1	T. Pirro	2/1	Gardner	4	T. Pirro
2/22	Athol	2	SSBC (D. Ludlow)	2/9	Ipswich	5	J. Berry
Red-breasted Nuthatch				Ruby-crowned Kinglet			
1/4	Nantucket	4	G. d'Entremont#	1/1	S. Dartmouth	1	M. Boucher
1/4	Mt.A.	3	R. Stymeist	1/23	Luxington	1	M. Rines#
2/8	Kingston	2	D. Ludlow	Eastern Bluebird			
2/16	Cohasset	2	N. Swirka	1/1	Chilmark	9	M. Rines#
2/16	Weston	3	M. Rines#	1/9	Sherborn	24	E. Taylor
2/27	Petersham	2	C. Phillips	1/11	Pepperell	20	S. Hill
Brown Creeper				1/15	Duxbury	6	D. Murphy
1/4	Mt.A.	2	R. Stymeist	1/17	Sudbury	7	R. Crissman
1/25	Lincoln	3	M. Rines	1/17	Norfolk	20	J. Clancy
2/6	Melrose	4	D. + I. Jewell	1/25	Lincoln	12	M. Rines
2/16	Cohasset	6	N. Swirka	1/27	Mattapoisett	8	F. Smith

Eastern Bluebird (continued)			
2/2	Rochester	12	J. Titus
2/10	Norfolk	20	J. Clancy
2/17	Eastham	9	fide MAS
2/23	Needham	8	J. Samulson
Townsend's Solitaire (details submitted) *			
1/1-2/28	W. Barnstable	1	v.o.
Hermit Thrush			
1/1	Chilmark	4	M. Rines#
1/2	Marshfield	2	D. Furbish
1/11	Boston	2	J. Young
1/18	Westport	2	G. Gove
1/30	Gloucester	2	M. Rines
thr Reports of indiv. from 20 locations			
American Robin			
1/1	Osterville	150	B. Nikula#
1/4	Mt.A.	180	R. Stymeist
1/8	Wellesley	200	R. Forster
1/27	Boston	775	K. Hudson
2/6	Wayland	175	R. Forster
2/8	Maynard	100	L. Nachtrab
2/8	Halifax	189	R. Finch
Gray Catbird			
1/1	Acoaxet	5	E. Salmela#
1/1	Chilmark	5	M. Rines#
1/9	Westport	1	R. Finch
1/10	Cambridge	1	M. Rines
1/11	Truro	1	J. Young
1/20	Barnstable	2	W. Ellison#
1/21	Wellesley	1	R. Forster
1/21	Stoneham	1	D. + I. Jewell
2/8	Worcester	1	H. Tibbetts
2/15	Dartmouth	1	R. Heil
2/23	Marshfield	1	N. Swirka
Brown Thrasher			
1/1	Chilmark	1	D. Lange#
1/18	Westport	1	G. Gove
1/28	Nantucket	1	E. Ray
1/28	Lexington	1	J. Stetson
2/8	Orleans	1	R. Forster
American Pipit			
1/11	Cumb. Farms	4	S. Henin
2/1	Cumb. Farms	1	M. Lynch#
2/22	Katama	1	A. Keith
Bohemian Waxwing			
1/10,12	Brewster	2	G. Martin
2/6	Brewster	1	S. Highley
2/7	Eastham (F.H.)	1	J. Sones#
2/11	Lincoln	1	B. Sisson
Cedar Waxwing			
1/1	Ipswich	30	J. Berry
1/1	Osterville	80+	B. Nikula#
1/4	Rockport	40	H. Wiggins#
1/23	Boxford	40	D. + I. Jewell
1/27	Maynard	68	L. Nachtrab
2/6-28	Taunton	125	G. d'Entremont
2/7	Westboro	33	A. Boover
2/8	Gardner	120	T. Pirro
2/12	Malden	100+	D. MacDonald
2/15	IRWS	95	J. Brown#
2/17	Ipswich	75	J. Berry
Northern Shrike			
1/1	Barnstable (S.N.)	1	E. Salmela#
1/3	Wayland	1 ad	R. Forster
1/4	Gardner	1 imm	T. Pirro
1/9	Groton	1 imm	T. Pirro
1/19	Bourne	1	R. Finch
1/22	Provincetown	1	J. Sones
1/22	Lexington	1	D. + I. Jewell
1/23	Westport	1	D. Bowen
1/30	Sudbury	1	K. Smith
2/2	Nantucket	1	fide E. Ray
2/3-8	Gardner	1	T. Pirro
2/9	Hardwick	1	BBC (W. Drummond)
2/17	Barnstable (S.N.)	1	W. Petersen#
2/17	Bolton	1	S. + L. Hennin
2/20	Chatham	1	W. Bailey
2/22	Wayland	2	S. Cronenweth
2/23	Cumb. Farms	2	M. Rines
Orange-crowned Warbler			
1/5	Nantucket	1	G. d'Entremont#
1/18	Gloucester	1	v.o.
Black-throated Blue Warbler			
1/1	Chilmark	1	R. Stymeist#
Yellow-rumped Warbler			
1/19	S. Middleboro	12	D. Small#
1/30	Gloucester	5	M. Rines
2/2	P.I.	15	M. Pelikan
2/23	Marshfield	8	N. Swirka
Pine Warbler			
1/10	M.V.	1	J. Verner
1/19	Kingston	1	D. Ludlow
2/9	Duxbury	1	F. Bygate
Palm Warbler			
1/1	Chilmark	1	G. d'Entremont
Common Yellowthroat			
1/1	Scusset	1	R. Forster
1/1	Acoaxet	1	E. Salmela#
Yellow-breasted Chat			
1/1	Westport	1	E. Salmela#
1/1	S. Dartmouth	1	W. Miller#
1/1	Falmouth	1	M. Lynch#
1/3-5	Nantucket	1	M. Rines# + v.o.
1/14-2/23	Essex	1	D. Brown
Dickcissel			
1/1-2/17	Newbury	1-2	v.o.
1/1-2/23	Gloucester	1	v.o.
1/1-2/28	Athol	1	B. Fregeau
1/26-31	Westport	1	S. Denison
Eastern Towhee			
1/1-31	N. Dartmouth	2	M. Boucher
1/1, 2/1	Gardner	1	T. Pirro
1/1	Chilmark	15	R. Stymeist#
1/17	Westford	1	M. Leggett
1/18	Westport	2	G. Gove
1/19-31	Gloucester	1 m	G. d'Entremont#
1/24	Marshfield	1	D. Ludlow
1/26	S. Dartmouth	3	BBC (R. Stymeist)
2/1-28	E. Middleboro	1	K. Anderson
2/1-8	Gloucester	1 m	G. d'Entremont
2/12	Marblehead	2	L. Healy
Spotted Towhee (no details)*			
2/6	MNWS	1 m	L. Healy + v.o.
American Tree Sparrow			
1/1-31	Dedham	15	N. Komar
2/8	IRWS	30	P. + F. Vale
2/16	Westboro	31	A. Boover
2/23	Cumb. Farms	45	M. Rines
2/25	West Roxbury	25	N. Komar
Chipping Sparrow			
1/15	Chilmark	1	L. McDowell
1/19	S. Middleboro	1	D. Small#
Clay-colored Sparrow			
1/1-27	Rockport	1	v.o.
2/8	Dorchester	1	R. Donovan
Field Sparrow			
1/1-31	Truro	5	W. Ellison#
1/1	Chilmark	8	D. Lange#
1/5	Wachusett Res.	3	M. Lynch#
1/19	Essex	4	P. + F. Vale
2/1	Templeton	1	T. Pirro
2/3	Rochester	1	M. Boucher
2/8	Dorchester	4	R. Donovan
2/16	Harvard	1	R. Stymeist#

Savannah Sparrow			2/19	W. Bridgewater	35	G. d'Entremont
1/1 Melrose	5	P. + F. Vale	2/21	Concord	60	R. Forster
1/14 P.I.	1	D. + I. Jewell	2/23	Westboro	103	A. Boover
2/04 Newbury	13	R. Heil	2/23	W. Harwich	200+	B. Nikula#
2/23 Cumb. Farms	1	M. Rines	2/24	Newbury	150+	S. Perkins#
2/25 W. Roxbury	2	N. Komar	2/24	Wakefield	100	S. Perkins#
Fox Sparrow			Eastern Meadowlark			
1/1-10 Mt. A.	1	v.o.	1/11 Middleboro	2	S. + L. Hennis	
1/16 Norfolk	3	N. McGlynn	1/14 S. Dart. (A.Pd)	14	LCES (J. Hill)	
1/20 Melrose	1	D. + I. Jewell	2/7 DWWS	31	D. Clapp	
1/26 Middleboro	1	R. Finch	2/7 E. Boston (B.I.)	5	R. Cressman	
1/29, 2/17 Arlington	1	K. Dorsey	2/8 Princetown	1	H. Tibbetts	
1/31 Mattapoisett	1	M. LeBossiere	2/19 Cumb. Farms	35	R. Finch	
2/13 Wenham	1	C. Leahy	2/27 Burlington	1	K. Ohmart	
2/17 Natick	3	D. Larson	Rusty Blackbird			
Swamp Sparrow			1/6 Belmont	2	C. Cook	
1/1 Plymouth	3	M. Lynch#	1/24 Sudbury	4	R. Forster	
1/2 Marshfield	8	N. Swirka	2/1 Rowley	14	R. Stymeist#	
1/4 Nantucket	1	G. d'Entremont#	2/3 Middleboro	13	M. Boucher	
1/11 Melrose	1	P. + F. Vale	2/19 Lexington	4	M. Telfer	
1/20 Worc. (BMB)	1	B. Rasku	2/22 Westwood	3	E. Nielsen	
2/3 Rochester	1	M. Boucher	Common Grackle			
2/8 Dorchester	3	R. Donovan	1/1 Oak Bluff	2	G. d'Entremont#	
2/15 IRWS	1	J. Brown#	1/3 Nantucket	1	G. d'Entremont	
2/16 Ipswich	2	J. Berry	1/19 Essex	1	J. Amirault	
White-crowned Sparrow			1/20 Lynnfield	1	R. Forster	
1/2 Nantucket	1	M. Rines#	2/19 W. Bridgewater	10	G. d'Entremont	
2/4 Marblehead	1	L. Healy	2/22 Framingham	40	E. Taylor	
White-crowned Sparrow (Gambel's)			2/23 Methuen	800	D. Duxbury	
2/12 MNWS	1 imm	R. Heil	2/23 W. Harwich	200	B. Nikula#	
Harris' Sparrow			2/24 Burlington	100+	S. Perkins#	
1/18-2/28 Salisbury	1	S. Bolduic + v.o.	2/24 Framingham	200	E. Taylor	
Dark-eyed Junco			2/27 Billerica	150	S. Wedge	
1/2 Marshfield	55	N. Swirka	Brown-headed Cowbird			
"Pink-sided" Junco			1/1 Belmont	1	J. Campbell	
2/8-27 Medford	1	D. Oliver + v.o.	1/3 Nantucket	1	G. d'Entremont	
Lapland Longspur			1/7 E. Middleboro	1	K. Anderson	
1/1-2/2 Newbury	25 max	v.o.	1/19 Gloucester	1 m	G. d'Entremont	
2/8 Cumb. Farms	2	R. Finch	2/1 Rowley	6	M. Rines#	
2/9 No. Scituate	1	K. Godfrey	2/9 Somerville	2	J. Young	
Snow Bunting			2/19 W. Bridgewater	5	G. d'Entremont	
1/1 Salisbury	70	J. Berry	Baltimore Oriole			
1/11 Winthrop	10	M. Lynch#	1/1-2/8 Gloucester	1	v.o.	
1/24 Brant Rock	8	v.o.	1/15 Gay Head	1	A. Fisher	
2/1 Newbury	60	D. Jacques	1/18-2/26 Andover	1	D. Duxbury	
2/1 Duxbury B.	17	D. Clapp	1/23-28 Nantucket	2	E. Ray	
2/3 Wareham	150	L. Robinson	Northern Oriole			
2/6 Gardner	200	T. Pirro	1/1-2/8 Sherborn	1	S. Brodie	
2/7 Marshfield	2	D. Clapp	Purple Finch			
2/8 Ipswich	50	I. Romanow	1/25 Lexington	2	M. Pelikan	
2/9 Gloucester	40	M. Flor	1/25 Middleboro	9	R. Finch	
2/21 Groton	2	T. Pirro	1/27 S. Dartmouth	1	M. Boucher	
Red-winged Blackbird			2/3 E. Gloucester	1 f	B. Parker	
thr DWWS	118 max	D. Furbish	2/6 Maynard	6	L. Nachtrab	
thr Dedham	56 max	E. Cutler	2/6 Mattapoisett	5	F. Smith	
1/1 Rowley	30	D. + I. Jewell	2/7 Westford	2	S. Wedge	
1/3 Nantucket	50	G. d'Entremont#	2/8 Marlboro	1 f	B. Parker	
1/6 Cumb. Farms	12	R. Finch	2/9 Wayland	14	G. Long	
1/17 DWWS	40	D. Ludlow	2/18 Barre	7	C. Phillips	
1/19 Cumb. Farms	325	D. Small#	2/22 Essex	1	R. Stymeist#	
1/19 Bridgewater	250	D. Small#	2/22 GMNWR	1	S. Cronenweth	
1/29 Norfolk	15	B. Riddoch	Evening Grosbeak			
2/1 Rowley	25	R. Stymeist#	2/22 Petersham	6	D. Small	
2/4 Beverly	16	E. Brown				

HOW TO CONTRIBUTE BIRD SIGHTINGS TO BIRD OBSERVER

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.

LIST OF ABBREVIATIONS

* Indicates a species on the review list of the Massachusetts Avian Records Committee (MARC). These sightings are usually published before the MARC votes, so they normally have not been voted on by the MARC. The editors only publish records supported by detailed description, multiple observers, or both.

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
migr	migrating	S. Dart.	South Dartmouth
n	nesting	S.N.	Sandy Neck, Barnstable
ph	photographed	Stellw.	Stellwagen Bank
pl	plumage	Worc.	Worcester
pr	pair	BBC	Brookline Bird Club
S	summer (1S = first summer)	BBS	Breeding Bird Survey
thr	throughout	BMB	Broad Meadow Brook, Worcester
v.o.	various observers	CCBC	Cape Cod Bird Club
w.	winter (2W = second winter)	DFWS	Drumlin Farm Wildlife Sanctuary
w/	with	DWWS	Daniel Webster Wildlife Sanctuary
yg	young	EMHW	Eastern Massachusetts Hawk Watch
#	additional observers	GMNWR	Great Meadows National Wildlife Refuge
A.A.	Arnold Arboretum	HRWMA	High Ridge Wildlife Management Area, Gardner-Westminster
A.P.	Andrews Point, Rockport	IRWS	Ipswich River Wildlife Sanctuary
A.Pd	Allens Pond, S. Dartmouth	LCES	Lloyd Center for Environmental Studies
Arl.	Arlington	MARC	Massachusetts Avian Records Committee
B.	Beach	MAS	Massachusetts Audubon Society
B.I.	Belle Isle, E. Boston	MBO	Manomet Observatory
B.R.	Bass Rocks, Gloucester	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
H.P.	Halibut Point, Rockport		