

# Field Records

## June 1984



by George W. Gove, Robert H. Stymeist, Lee E. Taylor

June 1984 brought some record heat and a full quota of rain. An initial two-day period of cloudy, cool weather characterized by strong northeast winds with gusts to 46 MPH, fog, and heavy rain (1.49 inches within twenty-four hours) was followed by an eight-day heat wave on June 7-14, the longest and hottest so early in the year since June 1925. The high mark was 98° on both June 11 and June 13. This was the hottest June reading since 1953 and the earliest 98° day since 100° on June 6, 1975. New record daily highs were set on four dates: 97° on June 8, 96° on June 9, and 98° on June 11 and 13. The month's low mark was 51° on June 3. The temperature averaged 70.5°, 2.5° above normal. This was a topsy-turvy month: the first half of June was warmer than the last half. The average temperature was 7° above normal before midmonth, and the latter half averaged about 2° below normal.

Rain totaled 3.06 inches, 0.14 inch above normal. Measurable amounts fell on thirteen days, two more than average. The middle of the month was very dry. Amounts were quite variable in showers, and some Greater Boston areas had much more rain. Thunderstorms were frequent with some communities getting thunder on seven to eight days.

### LOONS THROUGH HERONS

A two-day pelagic trip to Georges Bank on June 11-12 was highlighted by 4 Northern Fulmar, 27 Cory's, 2850 Greater, 2525 Sooty, one Audubon's and 9 Manx shearwaters. The vast majority of these birds were seen in the waters in the vicinity of Pollock Rip where they were observed in hugh rafts on a glass-surfaced ocean. The count of over 2500 Sooty Shearwaters is the maximum high number ever reported from the inshore fishing banks; the previous high was 1200 on June 6, 1969 at Monomoy. Greater Shearwaters have been reported in higher numbers with a maximum of 18,000 at Stellwagen Bank in October 1981, but the 2800+ is the highest reported for June, although over 15,000 were counted south of Martha's Vineyard in July 1981. On this same trip 55 Leach's Storm-Petrels were observed, 47 in the deeper waters near Hydrographer Canyon and 8 in the Georges Bank area. During the northeast storm on June 1-2, over 25 Leach's Storm-Petrels were noted among the 300+ Wilson's Storm-Petrels in Cape Cod Bay. Over 400 Wilson's Storm-Petrels were also found at the mouth of Barnstable Harbor on the last day of the month.

A sub-adult Northern Gannet was carefully scrutinized inland along Route 495, southeast of the junction with Route 24 at the Bristol and Plymouth county lines, in the towns of Raynham, Bridgewater and Middleborough. Bruce Sorrie, who has observed gannets in all plumages except nestling, as well as the four common pantropical boobies frequently over the years in the Caribbean, Central America, the Galapagos and the west coast of the United States, reports: "Bird was seen as it flew and glided in a southeast direction over the highway. The flight was clearly that of a seabird, with stiff shallow wingbeats. The bird interspersed its flight with frequent glides. The bill was pale horn color, the iris whitish as it looked down at me almost directly overhead. Underparts were white. Upperparts of wings were dark brown, mottled heavily with white in an irregular pattern. Primaries were dark. I believe it was not a Masked Booby because of lack of dark facial area and presence of dark edgings to bill (as in adult gannet); not a Red-footed Booby because of bill and soft part colors; not a Brown Booby because of extensive white on neck and upperparts."

An earlier inland record was of a bird caught alive at Enfield, October 11, 1917. (Enfield, Massachusetts was a former town in the Swift River Valley, now Quabbin Reservoir. The town was turned over to the MDC in 1938.) Since 1917, there have been only five or six reports of gannets this far inland.

Two adult Great Cormorants were found nesting on the Weepecket Islands in Buzzards Bay on June 4. The nest contained three eggs. This is the first record of breeding in

Massachusetts. The southernmost previous breeding and first U.S. record was from islands off the coast of Maine in 1983.

Heron highlights include as many as six Least Bitterns on Plum Island, two Tricolored Herons each at Monomoy and in Ipswich and a maximum count of seventeen Cattle Egrets in Ipswich. The major find of the month was that of an adult White Ibis at Squibnocket Pond, Gay Head on Martha's Vineyard. The bird flushed when approached and flew south-west towards Nomans Island where ironically another birder spotted it the same day.

A drake Eurasian Wigeon was found on Monomoy on June 27, and a Brant was found on that island on the very last day of the month, a very late record. R.H.S.

SPECIES/DATE	LOCATION	NUMBER	OBSERVERS	JUNE 1984
Red-throated Loon: 2,20	Eastham, P.I.	1, 1	W.Petersen, J.Smith	
Common Loon: 9	Monomoy	2	G.d'Entremont	
Northern Fulmar: 12	Georges Bank	4	BOEM (C.Leahy#)	
Cory's Shearwater: 11,12 24	Hydrographer Canyon, Pollock Rip 5 m. E. of Chatham	24, 3 30+	BOEM (C.Leahy#) W.Harrington	
Greater Shearwater: 11 12	Hydrographer Canyon Georges Bank-Pollock Rip	50 2800+	BOEM (C.Leahy#) BOEM (C.Leahy#)	
Sooty Shearwater: 2,3 4,18 6,10 11 12	Cape Cod Bay, P'Town Westport Chatham Hydrographer Canyon Georges Bank-Pollock Rip	3, 1 3, 4 125+, 40 25 2500+	W.Petersen, K.Holmes R.Laubach B.Nikula BOEM (C.Leahy#) BOEM (C.Leahy#)	
Manx Shearwater: 12	Georges Bank-Pollock Rip	9	BOEM (C.Leahy#)	
Audubon's Shearwater: 11	Oceanographer Canyon	1	BOEM (C.Leahy#)	
Wilson's Storm-Petrel: 2,3 11-12 16,24 24,26 30	Cape Cod Bay, Stellwagen Georges Bank-Pollock Rip Stellwagen, 5 m. E. of Chatham off Cape Ann, Boston Harbor Barnstable Harbor (mouth of)	300+, 15-20 525+ 70, 100+ 12+, 2 400+	W.Petersen, K.Holmes BOEM (C.Leahy#) R.Titus, W.Harrington# R.Laubach, D.Evans R.Scott	
Leach's Storm-Petrel: 2,3 11,12	Cape Cod Bay, off P'town Cont. Shelf, Georges Bank	25+, 1 47, 8	W.Petersen, K.Holmes BOEM (C.Leahy#)	
Northern Gannet: 2,3 23	Cape Cod Bay, Stellwagen <u>Raynham-Bridgewater</u> Full details on file.	150+, 4 1 sub ad.	W.Petersen, W.Smith B.Sorrie	
Great Cormorant: 4	Buzz. Bay (Weepecket I.)	(pr.) nesting	J.Hatch	First breeding record for state.
Double-crested Cormorant: thr. 3 3,13	Everett E.Boston, N.Scituate Lincoln, Wayland	max. 200+ (6/1) 100, 50+ 9, 9	J.Berry S.Zendeh, SSBC R.Forster	
American Bittern: 4,20	GMNWR, P.I.	2, 1	A.Williams, BBC	
Least Bittern: thr.,9	P.I.,Canton (F.M.)	max. 6, 1	v.o., G.d'Entremont	
Great Blue Heron: 3,6,23	E.Middleboro,GMNWR,Lakeville	2, 3, 2	K.Anderson,A.Williams,W.Petersen	
Great Egret: 2,11,20	Ipswich	1	J.Berry	
Snowy Egret: thr. 3,17	Saugus-Revere E.Boston	max. 17 (6/25) 23, 22	J.Berry S.Zendeh	
Little Blue Heron: 3;9,27	Scituate; Monomoy	1; 1, 2 ad.	B.Litchfield;G.d'Entremont,J.Lortie#	
Tricolored Heron: 8-10,11	Monomoy, Ipswich	2, 2	v.o., BBC	
Cattle Egret: thr. 12	Ipswich (Appleton Farm) Rowley	max. 17 (6/2) 7	J.Berry E.Perley	

<u>SPECIES/DATE</u>	<u>LOCATION</u>	<u>NUMBER</u>	<u>OBSERVERS</u>	<u>JUNE 1984</u>
Green-backed Heron:				
20	P.I.	8	BBC (A.Blaisdell)	
Black-crowned Night-Heron:				
3,8	E.Boston, Gay Head	40, 18	S.Zendeh, B.Sorrie	
11,20	Ipswich (Cranes), P.I.	21, 14	J.Berry#, BBC	
28,29,30	Watertown	38, 58, 48	B.Phillips	
<u>White Ibis:</u>				
8	Gay Head, Nomans Land	1 ad.	B.Sorrie, R.Andrews	
Glossy Ibis:				
thr.	Ipswich	max. 12 (6/15)	J.Berry	
Mute Swan:				
7,20	Acoxet, P.I.	100+, 2	M.Argue#, BBC	
Brant:				
2-7,30	Monomoy	max. 200 (6/2), 1	J.Barton#+v.o., B.Nikula#+v.o.	
Green-winged Teal:				
27	S.Monomoy	15	J.Lortie#	
Northern Pintail:				
27	S.Monomoy	8	J.Lortie#	
Northern Shoveler:				
4,27	P.I., Monomoy	2, 8	BBC, J.Lortie#	
Gadwall:				
27	Monomoy	29	J.Lortie#	
<u>Eurasian Wigeon:</u>				
27	Monomoy	1 m.	D.Holt# + v.o.	
American Wigeon:				
20,27	P.I., Monomoy	2, 4	J.Smith, J.Lortie# + v.o.	
Common Eider:				
3,16	N.Scituate, Rockport	50, 7 m.	SSBC, J.Berry	
Harlequin Duck:				
25	Menemsha (M.V.)	1 sub ad. m.	D.Oster	
Oldsquaw:				
4,30	E.Orleans, Chatham	1, 10	D.Williams, R.Titus	
White-winged Scoter:				
9	Chatham	1	G.d'Entremont#	
Common Merganser:				
3,16	Westport, Centerville	1 m., 1 m.	R.Laubach, H.Stabins#	
Ruddy Duck:				
thr.	Monomoy	max. 13	R.Prescott#	

#### TURKEY VULTURE THROUGH RAILS

Osprey nests were found in Marion and Lakeville, both previous and successful locations; and the nesting colony continues to flourish in the Westport River in Bristol County. Bald Eagles were reported from Lakeville and from Bellingham. Both these birds were adults. Six very young Bald Eagles made a brief stop-over in Hanscom Field, Lincoln, on June 14. These birds arrived from Cape Breton, Nova Scotia, where they had been removed from nests earlier in the week. A part of the Massachusetts Eagle Restoration Project, these six young eaglets will be set free from a hacking station in Quabbin Reservoir in the hope that they will return to nest some years in the future.

A Cooper's Hawk's nest was discovered in Newburyport on June 26. A scarce and elusive breeder, very few nests have been found in recent years. The last known recorded nesting in the Newburyport area was in 1955.

A Peregrine Falcon was observed in downtown Boston on June 21, a month before any were released there.

Clapper Rails were found at Wellfleet and Plum Island; a King Rail calling constantly and in clear view delighted many observers for two days on Plum Island. R.H.S.

<u>SPECIES/DATE</u>	<u>LOCATION</u>	<u>NUMBER</u>	<u>OBSERVERS</u>	<u>JUNE 1984</u>
Turkey Vulture:				
23	Westport, S.Dartmouth	2, 1	J.Gordon#	
27	Monomoy	1	J.Lortie#	
Osprey:				
thr.	Lakeville, Marion	1 pr., 3 yg., 1 pr.	K.Holmes + v.o., G.Gove#	
23	Westport	22 nests	G.Gove, J.Gordon	
Bald Eagle:				
15,16,18	Middleboro	1 ad.	K.Holmes# + v.o.	
17,21	Bellingham	1 ad.	M.Brown	
Northern Harrier:				
4	P.I.	1	BBC	

<u>SPECIES/DATE</u>	<u>LOCATION</u>	<u>NUMBER</u>	<u>OBSERVERS</u>	<u>JUNE 1984</u>
Sharp-shinned Hawk:				
29	Bourne	1	R.Forster	
Cooper's Hawk:				
26	Newburyport	<u>pair at nest</u>	W.Petersen, S.Higginbotham	
Red-shouldered Hawk:				
3,7	Topsfield, E.Middleboro	2, 1	R.Stymeist, K.Anderson	
12,23	Wayland, Marion	1, 1	T.Walsh, G.Gove	
27	Boxford	4+	J.Smith	
American Kestrel:				
19	Lakeville	5 yg. banded	K.Anderson	
Peregrine Falcon:				
21	Boston	1	W.Reagan	
Ruffed Grouse:				
17	Milton (F.M.)	hen w/3 yg.	G.Gove	
Clapper Rail:				
thr., 20	WBWS, P.I.	1, 1	D.Reynolds + v.o., J.Smith	
King Rail:				
3-4, 23	P.I., Chatham	1, 1 (dead)	v.o., W.Harrington#	
Virginia Rail:				
17	Wayland	5	R.Forster#	
23	Halifax	1 (road kill)	W.Petersen	
Sora:				
17	Wayland	2	R.Forster#	

#### SANDHILL CRANE THROUGH WOODPECKERS

Several unusual birds appeared this month. The first was a well-described Sandhill Crane that was seen in a marsh along the railroad tracks in Lynn, possibly the same bird seen on Plum Island in late May. The second was a Long-billed Curlew, only the fifth documented record of this species in Massachusetts since 1905 and the second recent record, the last being May 31, 1979. A complete account of this sighting with a detailed description of the bird is in this issue of BOEM. The third unusual record is that of a Bar-tailed Godwit, present in Chatham for nearly two weeks. This is the tenth state record of this species. The fourth record was that of a Curlew Sandpiper present on Monomoy for two days; this species is regular and there are three records this year. The fifth record is that of a Sandwich Tern seen on Monomoy, another species that is an increasingly frequent vagrant.

American Oystercatchers and Red Knots were present in the highest numbers for June in the past twelve years. Laughing Gulls occupied 804 nests on Monomoy and 254 nests on New Island where, in 1983, there had been only thirty nests, and only three in 1982. The Common Black-headed Gulls that had established the first U.S. breeding record were unsuccessful as the eggs were destroyed presumably by heavy rains just as the young were about to hatch.

Caspian and Royal terns were sighted this month on Monomoy as was the previously noted Sandwich Tern. A maximum of 65 "portlandica" Arctic Terns spent the month there as did two Forster's Terns and four Black Terns. A pair of Black Skimmers nested in the tern colony on Monomoy where up to six birds were present.

A total of 23 Short-eared Owls was counted on Monomoy (North and South islands), and 14 of these were young birds. Ruby-throated Hummingbirds were noted at four locations, and Red-headed Woodpeckers were also seen in as many locations with one adult reported from South Monomoy. Pileated Woodpeckers were also in evidence at a number of locations. G.W.G.

<u>SPECIES/DATE</u>	<u>LOCATION</u>	<u>NUMBER</u>	<u>OBSERVERS</u>	<u>JUNE 1984</u>
<u>Sandhill Crane:</u>				
20	Lynn Marsh along RR - well described	1	fide R.Forster	
Black-bellied Plover:				
thr.	N.Monomoy	max. 1000 (6/2)	v.o.	
3	E.Boston, Ipswich	35, 5	S.Zendeh, BBC	
24	Scituate	12	W.Petersen	
Semipalmated Plover:				
4,8,23	N.Monomoy	4, 2, 3	B.Nikula#	
Piping Plover:				
2,11	N.Monomoy, Ipswich	1, 2 ad.	BBC, BBC	
24	Scituate	2 pr. + 4 yg.	W.Petersen	
Killdeer:				
17	E.Boston	5	S.Zendeh#	

SPECIES/DATE	LOCATION	NUMBER	OBSERVERS	JUNE 1984
American Oystercatcher:				
thr.	N.Monomoy	max. 20+	B.Nikula#	
3,8	Naushon I., Boston Harbor	2 pr., 2	J.Hatch, B.Hoffman	
Greater Yellowlegs:				
3	Marshfield, E.Boston	4, 3	SSBC, S.Zendeh	
4	P.I.	2	BBC	
Lesser Yellowlegs:				
26	Newburyport, Rowley	1, 1	W.Petersen	
Willet:				
thr.	N.Monomoy	max. 35+	B.Nikula#	
1,20	Plymouth, P.I.	3, 6	W.Smith, BBC	
Spotted Sandpiper:				
2,17	N.Monomoy, Belmont	1, 1	BBC, L.Taylor	
Upland Sandpiper:				
20,21	E.Middleboro, N.Monomoy	6, 1	R.Heil#, B.Nikula	
Whimbrel:				
8	N.Monomoy	4	D.Holt#	
Long-billed Curlew:				
6-10	N.Monomoy	1 (ph.)	B.Nikula, H.Stabins + v.o.	
Hudsonian Godwit:				
23,30	N.Monomoy	1, 1	B.Nikula#	
Bar-tailed Godwit:				
13-25	Chatham	1	J.Lortie#	
Ruddy Turnstone:				
thr.	N.Monomoy	max. 50 (6/3)	v.o.	
Red Knot:				
thr.	N.Monomoy	max 160 (6/3)	v.o.	
11	Ipswich	3 ad.	BBC	
Sanderling:				
2	N.Monomoy	500	BBC	
Semipalmated Sandpiper:				
thr.	N.Monomoy	max. 1200 (6/8)	B.Nikula#	
4,11	P.I., Ipswich	12, 4	BBC	
Least Sandpiper:				
2	N.Monomoy	12	BBC	
White-rumped Sandpiper:				
thr.	N.Monomoy	max. 15 (6/8)	v.o.	
4	P.I.	1	BBC	
Pectoral Sandpiper:				
22	N.Monomoy	1	B.Nikula#	
Dunlin:				
thr.	N.Monomoy	max. 24 (6/2)	v.o.	
21	P.I.	5	BBC	
Curlew Sandpiper:				
13-14	N.Monomoy	1	B.Nikula#	
Ruff:				
20-29	N.Monomoy	1 (black)	R.Scott#	
Short-billed Dowitcher:				
thr.	N.Monomoy	max. 30 (6/8)	B.Nikula#	
Common Snipe:				
13	Framingham	1	R.Forster	
American Woodcock:				
28	P.I.	1	J.Smith	
Red-necked Phalarope:				
3	N.Monomoy	6	J.Russell#	
Pomarine Jaeger:				
2;11,12	Barnstable; Georges Bank	1 dark; 3, 2	W.Petersen; BOEM	
Parasitic Jaeger:				
1;2	Manomet; Eastham, Barnstable	1; 6, 4	W.Smith; W.Petersen	
Laughing Gull:				
thr.	N.Monomoy, Nauset (New I.)	804 nests, 254 nests	D.Holt#, P.Trull	
Common Black-headed Gull:				
thr.	N.Monomoy	1 nesting pr.	D.Holt#	
Bonaparte's Gull:				
3,11	E.Boston, Ipswich	17, 52 imm.	S.Zendeh#, BBC	
Black-legged Kittiwake:				
2	Cape Cod Bay, N.Monomoy	15, 4	W.Petersen, BBC	
Caspian Tern:				
11	Ipswich	1 ad.	J.Berry	
Royal Tern:				
10-30	N.Monomoy	max. 3	v.o.	
Sandwich Tern:				
10	N.Monomoy	1	R.Emery + W.Harrington	

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Roseate Tern:				
2	N.Monomoy	3	BBC	
Common Tern:				
2,4	N.Monomoy, Westport	1000, 40	BBC, R.Laubach	
Arctic Tern (portlandica):				
thr.	Monomoy	max. 65	v.o.	
Forster's Tern:				
thr.	N.Monomoy	max. 2 ad.	v.o.	
11	Ipswich	1	BBC	
Least Tern:				
2,3	N.Monomoy, Scituate	20, 3	BBC, SSBC	
11,17	Ipswich, E.Boston	100+, 2	BBC, S.Zendeh#	
Black Tern:				
thr.	N.Monomoy	max. 4	v.o.	
12,22	Nantucket Shoals, Scituate	1, 1	BOEM, R.Campbell	
Black Skimmer:				
8-30	N.Monomoy	max. 6	D.Holt#	
15-30,30	Nauset, Chatham	max. 5, 1	P.Trull, R.Titus	
Black-billed Cuckoo:				
thr.	Sharon	2	R.Titus	
7,10	Manomet, Saugus	1 b., 3	MBO Staff, C.Jackson	
23,26	Westport, W.Newbury	2, 3	G.Gove, W.Petersen#	
	Reports of 8 individuals	from 8 locations.		
Yellow-billed Cuckoo:				
thr.	Sharon	3	R.Titus	
5,17	Lincoln, Annisquam	2, 1	J.Carter, H.Wiggin	
23	Westport	2	G.Gove	
	Reports of 9 individuals	from 9 locations.		
Eastern Screech-Owl:				
11	Ipswich	pr.	J.Berry	
Great Horned Owl:				
11	Ipswich	1	J.Berry	
Short-eared Owl:				
thr.	N.Monomoy, S.Monomoy	max. 3, max. 20 (14 yg.)	D.Holt#	
Common Nighthawk:				
1;5,8	Boston; Stoughton	1; 7, 14	P.Thayer; R.Titus	
16	Manchester	1 (dead)	J.Berry#	
Whip-poor-will:				
16	Rowley	2 calling, 4	R.Alexander, E.Perky	
Chimney Swift:				
17	E.Boston	4	S.Zendeh#	
Ruby-throated Hummingbird:				
9,23	E.Middleboro, Westport	1 m., 1 m.	K.Anderson, G.Gove	
24,27	Berkley, Boxford	1, 5	R.Titus#, J.Smith	
Red-headed Woodpecker:				
6,7	Mt.A., Plymouth	1 ad., 1	M.Nolan, MBO Staff	
10,20	S.Monomoy, Newton	1 ad., 1	C.Goodrich#, N.Komar#	
Hairy Woodpecker:				
2	P'town	nest w/yg.	W.Petersen	
Pileated Woodpecker:				
9,12	Sudbury, Lincoln	1, 1	D.Chapman, J.Carter	
13,15	Weston, N.Reading	1, 1	G.Gove, Mrs. Short	
22	Yarmouthport	1 (seen & heard)	K.Hamilton	

#### FLYCATCHERS THROUGH PINE SISKIN

Red-breasted Nuthatch, Golden-crowned Kinglet, and Yellow-rumped Warbler, all generally more northern breeding species, were again found this June at a few localized sites where breeding has been confirmed or suspected in the last few years. Eastern Bluebirds were reported from four locations, though no indication of presence at Tyngsboro was received. This has been a region of consistent bluebird success in recent years as a result of extensive nesting box placement. A Gray-cheeked Thrush banded at Manomet in the middle of the month provided the latest record ever for this species in spring migration. The breeding Yellow-throated Vireo pair in Halifax was certainly noteworthy: it was the first ever encountered breeding in Plymouth County by Wayne Petersen in his many years birding there.

A male Yellow-throated Warbler set up territory in Wareham early in the spring and remained through mid-June. Careful observation in future years may find this species breeding at that locale. The Blackpoll Warbler in Chatham at month's end was a notably late record for that species. Good numbers of reports of Worm-eating Warbler were received from locations south and west of Boston, including a nesting pair at Dover. Thirty-two or more Mourning Warblers, whose major migration occurs in June, arrived by

the end of the first week, and Manomet Bird Observatory had banded fourteen of this species by midmonth. The Louisiana Waterthrush banded June 4 at Manomet was probably a migrant; with this early-nesting species, the question is, which way was it going?

Of note in the oddity context were two reports of the orange variant of male Scarlet Tanager, in Wayland and Westwood. The East Boston White-throated Sparrow was a bit unusual in that it was detected as a result of its song--inside the TWA terminal at Logan Airport!

L.E.T.

<u>SPECIES/DATE</u>	<u>LOCATION</u>	<u>NUMBER</u>	<u>OBSERVERS</u>	<u>JUNE 1984</u>
Olive-sided Flycatcher:				
7,10	Annisquam, S. Monomoy	2, 1	H. Wiggin, C. Goodrich#	
Eastern Wood-Pewee:				
4,7	P.I., Annisquam	1, 1	BBC, H. Wiggin	
Yellow-bellied Flycatcher:				
4,7	Mt. A., Annisquam	1, 1	R. Stymeist#, H. Wiggin	
Acadian Flycatcher:				
3,4	Waltham, MNWS	1, 1	L. Taylor, J. Smith	
4	Mt. A.	1	R. Stymeist#	
Alder Flycatcher:				
3,6	Waltham, Lincoln	2, 1	L. Taylor, A. Williams	
11-15,16	Ipswich, Hamilton	1, 1	J. Berry	
Willow Flycatcher:				
17,20	Wayland, P.I.	20, 4	R. Forster, BBC	
Least Flycatcher:				
3,23	Waltham, Halifax	1, 2 pr.	L. Taylor, W. Petersen	
Eastern Phoebe:				
4	E. Middleboro	5 (fl. yg.)	K. Anderson	
Great Crested Flycatcher:				
3,16	N. Scituate, Manchester	2, 4	SSBC, J. Berry#	
Purple Martin:				
2,4	Eastham, P.I.	1, 50+	W. Petersen, BBC	
Northern Rough-winged Swallow:				
3,8	Ipswich, Lexington	4, 4	J. Berry, J. Carter	
9,16	Chatham, Manchester	2, 3	G.d'Entremont, J. Berry	
Bank Swallow:				
3,12	E. Boston, N. Carver	8,21 nest holes	S. Zende#h, K. Anderson	
Cliff Swallow:				
16,24	Rowley, Scituate	1 pr., 1	R. Alexander, W. Petersen	
Barn Swallow:				
3,4	E. Boston, P.I.	15, 12	S. Zende#h, BBC	
Fish Crow:				
11;20,21	Canton; Hanover	1; 1, 1	G.d'Entremont; W. Petersen	
Red-breasted Nuthatch:				
7,17	E. Middleboro, Ipswich	1, 2	K. Anderson, J. Berry	
23,26	Lakeville, Newburyport	1, 5	W. Petersen#	
White-breasted Nuthatch:				
4	Norwell	1 m. w/ yg.	B. Litchfield	
Carolina Wren:				
8,23	Stoughton, Lakeville	1, 1	R. Titus#, W. Petersen	
24	Westport	5	A. Clarke#	
Marsh Wren:				
4-20,5	P.I., E. Orleans	max. 9, 1	BBC, A. Williams	
Golden-crowned Kinglet:				
23	Lakeville	2 pr.	W. Petersen	
Blue-gray Gnatcatcher:				
thr., 1-16	Sharon, W. Newbury	3 pr., 1 pr.	R. Titus, T. Walsh#	
Eastern Bluebird:				
thr.	Sharon, Plymouth	3, 6 pr.	R. Titus, MBO Staff	
thr., 16	E. Taunton, Hardwick	1 pr., 2 pr.	R. Turner#, G. Gove	
Veery:				
3	E. Boston	1	S. Zende#h	
Gray-cheeked Thrush:				
13	Manomet	1 b.	MBO Staff	
Swainson's Thrush:				
3	N. Scituate, Waltham	1, 1	SSBC, L. Taylor	
Hermit Thrush:				
23,25	Middleboro, Sharon	max. 2-3, 1	W. Petersen, R. Titus	
Cedar Waxwing:				
1,20	Annisquam, W. Newbury	10, 10	H. Wiggin, BBC	
White-eyed Vireo:				
10,24	S. Monomoy, Acoaxet	1, 2	C. Goodrich#, A. Clarke#	
Solitary Vireo:				
thr.	Sharon	1	R. Titus	

SPECIES/DATE	LOCATION	NUMBER	OBSERVERS	JUNE 1984
Yellow-throated Vireo: 23	Halifax, Bridgewater	1 pr., 1 m.	W.Petersen	
Warbling Vireo: 12,23	Lincoln, Halifax	1, 6	J.Carter, W.Petersen	
Blue-winged Warbler: 10-18,23	Lincoln, Sharon	4+, 3 ad. + 1 yg.	J.Carter, R.Titus	
26	W.Newbury	8	W.Petersen#	
Golden-winged Warbler: 26	W.Newbury	1 pr. + yg.	W.Petersen#	
"Brewster's" Warbler: 1	Sharon	1	M.Shannon	
"Lawrence's" Warbler: 26	W.Newbury	1 m.	W.Petersen#	
Tennessee Warbler: 3	Mt.A.	4	R.Stymeist#	
Nashville Warbler: 5,9-23	P.I., E.Middleboro	1, 1 m.	F.Hamlen, K.Anderson	
10,26	Milton, Newburyport	1 m., 2	G.d'Entremont#,W.Petersen#	
Northern Parula: 5,8	P.I., M.V.	1, 1 m.	F.Hamlen, B.Sorrie	
Chestnut-sided Warbler: 3-5,13	3 loc., Manomet	3 singles, 1 b.	v.o., MBO Staff	
23	Sharon	3	R.Titus	
Magnolia Warbler: 3,7	MNWS, Annisquam	18, 1	C.Blaszczak, H.Wiggin	
Black-throated Blue Warbler: 2	N.Easton	1	R.Titus	
Yellow-rumped Warbler: 23	Lakeville	4 m. + 1 f.	W.Petersen	
Black-throated Green Warbler: 2-3,3	3 loc., Mt.A.	3 singles, 3	v.o., R.Stymeist#	
9,23	Saugus, Lakeville	3, 1	C.Jackson, W.Petersen	
26	Newburyport	1	S.Higginbotham	
Blackburnian Warbler: 3	N.Scituate, Waltham	3, 1 f.	SSBC, L.Taylor	
Yellow-throated Warbler: from May-16	Wareham	1 m.	L.Robinson	
Pine Warbler: thr.	Lincoln, Wayland	1, 1	R.Forster	
8,9	E.Middleboro, Saugus	2 m., 2	K.Anderson, C.Jackson	
Prairie Warbler: 10	Saugus	3	C.Jackson	
Bay-breasted Warbler: 3	Mt.A., N.Scituate	1, 2	R.Stymeist#, SSBC	
6	Manomet	1 b.	MBO Staff	
Blackpoll Warbler: 3,5	E.Middleboro, P.I.	1 m., 1	K.Anderson, F.Hamlen	
8,30	Manomet, Chatham	2 b., 1	MBO Staff, v.o.	
American Redstart: 3,5	Waltham, P.I.	13, 20	L.Taylor, F.Hamlen	
7	Annisquam	3	H.Wiggin	
Prothonotary Warbler: 6,12-17	Bolton, Wayland	1 m., 1 m.	E.Salmela, R.Forster	
Worm-eating Warbler: 7,9	Dover, Westport	1 pr. + nest, 1 m.	T.Raymond#, T.Walsh	
10,17-25	Milton, Sharon	2 m., 1	R.Campbell#, R.Titus#	
Northern Waterthrush: 14,16	Milton, Manchester	1, 1 m.	T.Raymond, J.Berry#	
Louisiana Waterthrush: 4	Manomet	1 b.	MBO Staff	
Kentucky Warbler: 10,24	Canton, S.Dartmouth	1, 2	J.Paputseanus, R.Titus#	
Mourning Warbler: 1-14,3	Manomet, 6 loc.	14 total b., 9	MBO Staff, v.o.	
3,4	P.I., MNWS	6, 3	M.Lynch#,C.Blaszczak	
4-7	6 loc.	8 total	v.o.	
Hooded Warbler: 9	Newton	1 m.	N.Komar	
Wilson's Warbler: 3,5	Mt.A., P.I.	1, 2	R.Stymeist#, F.Hamlen	
Canada Warbler: 3	Mt.A., N.Scituate	11, 4	R.Stymeist#, SSBC	
5,7	P.I., Annisquam	1, 2	F.Hamlen, H.Wiggin	

SPECIES/DATE	LOCATION	NUMBER	OBSERVERS	JUNE 1984
Yellow-breasted Chat: 22	Millis	2	B.Cassie	
Summer Tanager: 7,10	Manomet, S.Monomoy	1 m., 1 m.	MBO Staff, C.Goodrich#	
Scarlet Tanager: 17,21-30	Wayland, Westwood Both were "orange variants"	1, 1	R.Forster, S.Olanoff	
Vesper Sparrow: 30	Wellfleet	6	R.Titus	
Savannah Sparrow: 2,3	N.Monomoy, E.Boston	8, 6	BBC, S.Zendeh#	
6	Lincoln	2	A.Williams	
Grasshopper Sparrow: 3-15,24	Lincoln, S.Dartmouth	max. 7, 1	J.Carter#, A.Clarke#	
thr.	Falmouth	4+ pr.	v.o.	
Sharp-tailed Sparrow: 2,9	N.Monomoy, S.Dartmouth	6, 20	BBC, T.Walsh	
20	P.I.	7	BBC	
Seaside Sparrow: 9	S.Dartmouth	2	T.Walsh	
White-throated Sparrow: thr., 8	Sharon, E.Boston	1, 1 m.	R.Titus, H.Merriman	
Dark-eyed Junco: 29	Dedham	1 juv.	J.Marshall	
Bobolink: 17,20	Ipswich, W.Newbury	10, 21	J.Berry, BBC	
Orchard Oriole: thr.,3	Rowley, Marshfield	1 pr., 1 m.	R.Alexander, SSBC	
7,8	Mt.A., Lexington	1 imm., 1 m.	P.Hollowell, J.Carter	
13,16	Wayland, S.Natick	1 ad. m., 1	R.Forster	
17,24	E.Bridgewater, Westport	1, 1	W.Petersen, R.Laubach	
Purple Finch: early June	Annisquam	3 m., 2 f.	H.Wiggin	
House Finch: thr.	Annisquam	46-48	H.Wiggin	
Pine Siskin: 1	Lincoln	1	R.Forster	

#### LIST OF ABBREVIATIONS

ad.	adult	F.E.	First Encounter Beach, Eastham
alt.	alternate (plumage)	F.H.	Fort Hill, Eastham
b.	banded	F.M.	Fowl Meadow, Milton
br.	breeding	gr.	greater as in C. Boston area
dk.	dark (phase)	I.	Island
f.	female	M.V.	Martha's Vineyard
fl.	fledge	Mt.A.	Mt. Auburn Cemetery, Cambridge
imm.	immature	Nant.	Nantucket
ind.	individuals	Newbypt	Newburyport
loc.	locations	P.I.	Plum Island
lt.	light (phase)	P'town	Provincetown
m.	male	R.P.	Race Point, Provincetown
max.	maximum	S.N.	Sandy Neck, Barnstable
migr.	migrating	Stellw.	Stellwagen (Bank)
N.S.E.W.	direction	BBC	Brookline Bird Club
ph.	photographed	BOEM	Bird Observer of Eastern Massachusetts
pl.	plumage	CCBC	Cape Cod Bird Club
pr.	pair	DFWS	Drumlin Farm Wildlife Sanctuary
thr.	throughout	GMNWR	Great Meadows National Wildlife Refuge
v.o.	various observers	IRWS	Ipswich River Wildlife Sanctuary
W	winter (2W = second winter)	MAS	Massachusetts Audubon Society
w/	with	MBO	Manomet Bird Observatory
yg.	young	MNWS	Marblehead Neck Wildlife Sanctuary
#	additional observers	ONWR	Oxbow National Wildlife Refuge
A.A.	Arnold Arboretum	PRNWR	Parker River National Wildlife Refuge
A.P.	Andrews Point, Rockport	SRV	Sudbury River Valley
Buzz.	Buzzards (Bay)	SSBC	South Shore Bird Club
C.	Cape as in C.Cod or C.Ann	WBWS	Wellfleet Bay Wildlife Sanctuary
E.P.	Eastern Point, Gloucester		