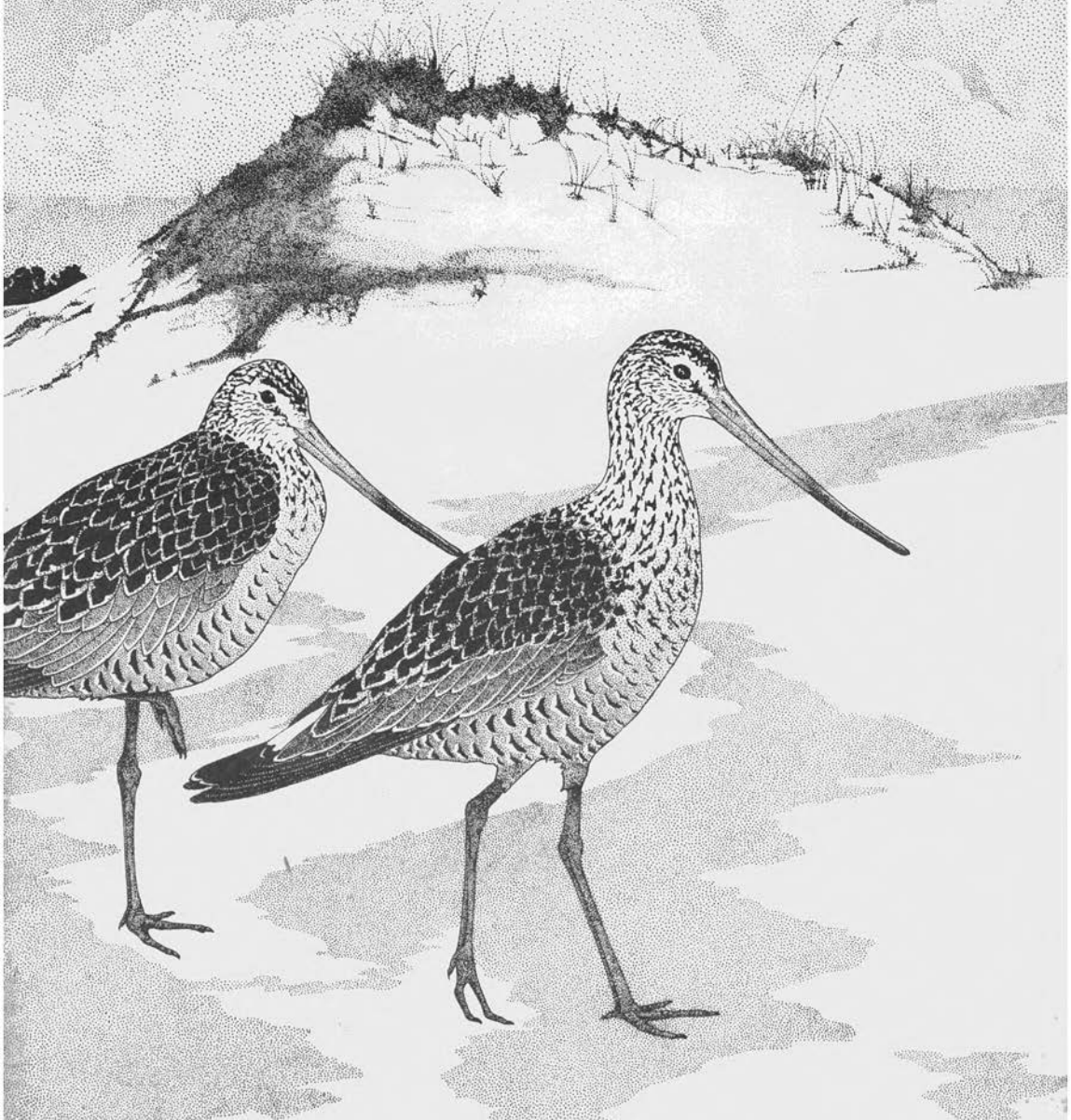


# BIRD OBSERVER

OF EASTERN MASSACHUSETTS



FEBRUARY, 1980

VOL. 8 NO. 1



# BIRD OBSERVER

## OF EASTERN MASSACHUSETTS

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## TABLE OF CONTENTS

WATER BIRDS AND SHOREBIRDS OF BOSTON HARBOR: TWENTY-SEVEN OVERLOOKS.....	Soheil Zendehe and Leif J. Robinson	5
THE FALL MIGRATION: AUGUST-NOVEMBER, 1979.....		18

### MAINE AUDUBON NEWFOUNDLAND TOUR

The Maine Audubon Society is sponsoring a trip to Newfoundland in July, 1980.

Newfoundland is an easy flight to another world - of friendly people, fascinating geology and history born of the sea. It is an island sheltering inland birds such as the Willow Ptarmigan and spectacular sea bird colonies including Gannets, Common and Thick-billed Murres, Razorbills, Manx Shearwaters, guillemots, Kittiwakes and puffins, to name a few. Trip leader Peter Vickery has had extensive birding experience both on his own and as a leader for various environmental organizations.

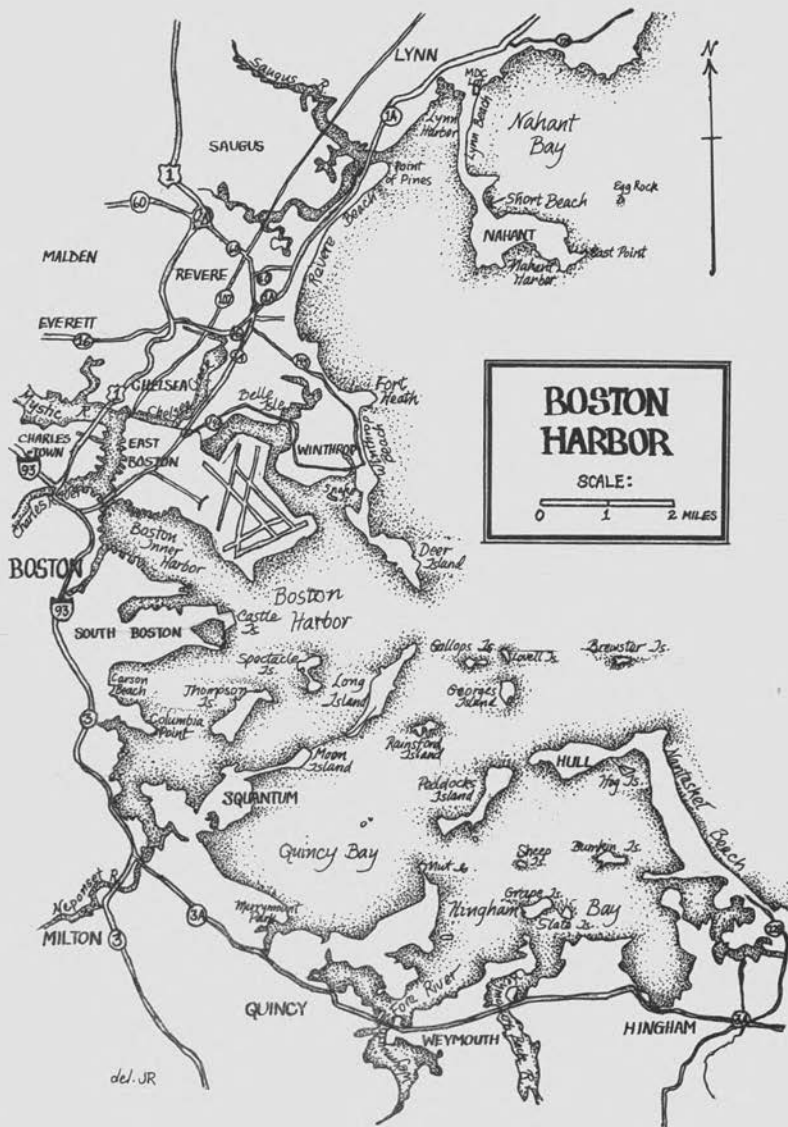
Some of the areas to be highlighted on this 13-day circuit include Gros Morne National Park, Terra Nova National Park, the bird sanctuaries at Cape St. Mary's and Witless Bay, and the historic seaport city of St. John's.

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Peregrine Falcon photographed by Ted Raymond in Boston



**BOSTON HARBOR**

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## WATER BIRDS AND SHOREBIRDS IN BOSTON HARBOR:

### TWENTY-SEVEN OVERLOOKS

by Soheil Zende, Somerville

and Leif J. Robinson, Wellesley

Breeding terns and herons, clouds of migrant shorebirds, rafts of wintering sea ducks--all may be found in Boston Harbor in season. What we call the harbor is actually the western bulge of Massachusetts Bay, a complex of islands, necks, beaches, sand bars, submerged erratics, coves, and harbors which stretches approximately 12 miles north to south and, at its widest point, 6 miles east to west.

This is a guide to 27 sites, or overlooks, from which you can observe the water birds and shorebirds of Boston Harbor. The first half of this article provides a general description of the harbor, region by region, from Nahant to Quincy Bay. The southernmost portion of the harbor, Hingham Bay, will be described in a future issue.

Specific directions, via public and private transport, to each overlook are grouped according to region in the second half of this article. Most places with good views of the harbor and its birds are reached relatively easily by car. Getting to the same spots via public transportation requires somewhat more effort but is quite feasible. With the prospect of gasoline prices doubling within the year--or gas rationing being instituted--urban birding, particularly by public transport, should rapidly come of age.

#### Nahant Bay/Egg Rock

Semi-circular Nahant Bay lies east of Nahant and the causeway to Lynn. Long stretches of fine white sand beaches interrupted by rocky outcrops border the bay. As you travel south and east in Nahant, the outcrops turn into high, massive cliffs overlooking the ocean. Egg Rock, an isolated cliff rising 75 feet from the bay, is one mile northeast of Nahant and visible from all Nahant Bay overlooks.

In winter, looking east into Nahant Bay, one commonly sees Common and Red-throated Loons, Horned Grebes, Buffleheads, and White-winged Scoters. Egg Rock is a major Great Cormorant roost, and east of it one often sees a large raft of Common Eider. A few Common Goldeneyes and Red-breasted Mergansers usually hang out at one of the smaller coves off Ocean Street, and alcids, including Thick-billed Murre, Razorbill, and Black Guillemot, may on rare occasion turn up anywhere along this shore.

Easterly gales in spring, summer, and particularly in the fall, may blow pelagic species such as Gannets or tubenoses close to shore. Sooty and Manx Shearwaters and Wilson's Storm Petrel have been observed during the past three years. As for gulls and shorebirds, check the masses of rotting seaweed bulldozed into mountains by earthmoving machinery on Lynn Beach just north of the MDC parking lot. Bonaparte's Gulls and the smaller shorebirds, including Semipalmated Plover, Semipalmated Sandpiper, and Sanderling, flock here in very large numbers in August and September.

## Lynn Harbor/Revere

The vast mudflats and mussel beds of Lynn Harbor, protected from the open ocean by the extended arm of Nahant, have a birdlife rather different from that of Nahant Bay. In summer and fall, shorebirds and gulls of all sizes swarm on these flats at low tide. When high tide arrives, the shorebirds disperse to various roosts, one of which is the northernmost channel marker in Lynn Harbor. In late fall and winter, an incoming tide brings rafts of Common Eider, Greater Scaup and Common Goldeneyes to the mussel beds to feed. Various overlooks from Nahant, Lynn, and Point-of-Pines in Revere are useful for watching the water and shorebirds of Lynn Harbor.

At Revere Beach just south of the northern rotary, shallow tidal pools open up at low tide. In fall, hundreds of Bonaparte's Gulls gather here to feed, spinning and bobbing in water thick with seaweed. Farther south along the beach, the resident flocks of Ring-billed Gulls mingle with pigeons at refuse barrels. At the southern rotary, in summer and fall, Double-crested Cormorants sit on the pilings.

South of Revere Beach, at Simpson's Boatyard, a long rocky spit out to the breakwater hosts shorebirds. The breakwater itself is a shorebird high tide roost. Terns fish here in the summer, while eider, White-winged Scoter, and loons are seen in winter.

## Winthrop

Moving south from Revere to Winthrop, the influence of the open ocean to the east becomes increasingly obvious. On the other hand, the western shore of Winthrop, the area of Boston Harbor surrounding Logan Airport and Snake Island, is shallow and protected from easterly storms. Although Greater Scaup, Bufflehead, and Red-breasted Merganser are equally common on both sides of Winthrop, loons, grebes, eider, Oldsquaw, and scoters are found to the east but not the west. Great Cormorant and Brant are found to the west but not the east.

Winthrop's Fort Heath offers spectacular views in three directions. Common Goldeneye, Common Eider, and Harbor Seal are seen here regularly in winter.

The "Five Sisters" breakwaters are excellent high tide roosts for a large portion of the northern harbor shorebirds, although they are too distant for easy identification of any but the most obvious species.

In summer, Snake Island has Common and Least Tern colonies and at low tide shorebirds and gulls can be seen foraging on its enormous mudflats. In summer and fall, Great Blue Herons and Snowy Egrets are also seen on these mudflats as well as on those of the nearby Logan Airport.

In winter, you can scope across the water looking for a Snowy Owl perched atop the shacks or structures of Logan airport. One was seen a number of times in 1979.



## East Boston

Much of the marsh and tidal estuary of this part of Boston lies under Suffolk Downs Racetrack, Logan Airport, and other "developments." Two wetland areas still remain, areas with considerable expanse and of avian interest. The first, Belle Isle Marsh, has been described in the author's "Revere-Winthrop Revisited" article (see bibliography). In a future issue Bird Observer will publish more on this largest salt marsh in Boston.

The second wetlands area is Constitution Beach, separated from Logan Airport by only two-to-three hundred yards of water. South of the beach is the East Boston Yacht Club, and farther south, a large tidal estuary with *Spartina* marsh and a mudflat exposed at low tide. In summer and fall, this mudflat is a major feeding site for migrant shorebirds such as Short-billed Dowitcher, Red Knot, yellowlegs, and Black-bellied Plover. In winter, look for Common Loon, Great Cormorant, scaup, Bufflehead, and Red-breasted Merganser off the beach. A large flock of Black Ducks reside in the vicinity of the mudflat. Scan the airport for American Kestrels and Snowy Owls perched on high objects.

## Mystic and Charles Rivers

The Mystic and the Charles Rivers once had meandering tidal estuaries which slowly merged with each other between what is now Charlestown and the North End. Today the Mystic is tidal up to the Amelia Earhart Dam in Somerville, and the Charles is dammed at the Science Museum. Both bodies of water are used to some extent by the water birds that pass through or reside in Boston Harbor.

The Mystic River around Amelia Earhart Dam is quite marshy and in summer appears to host a large population of Black-crowned Night Herons roosting in the big cottonwoods along the river. Double-crested Cormorant, Great Blue Heron, Black Duck, and, occasionally, Northern Shoveler may be seen here.

Many local citizens fish the Mystic from the Alford Street Bridge. In winter they are joined by Common Goldeneyes and Red-breasted Mergansers fishing in the river.

The Charles River Basin, viewed either from the Longfellow Bridge or the Science Museum, may turn up a few common sea ducks in winter. Mallards, Black Ducks, and gulls concentrate near the Science Museum.

## South Boston and Columbia Point

Fort Independence on Castle Island, at the eastern tip of South Boston, offers commanding views of the inner harbor and Spectacle and Thompsons Islands. The automobile causeway around the northern perimeter of Pleasure Bay and the footpath around its southern rim produce an almost circular, shallow lagoon which in winter can shelter the scaup, Buffleheads, goldeneyes, and Red-breasted Mergansers which one might also see in the harbor to the east.

Looking east from Castle Island, you can see Long Island and Deer Island define the limits of the inner harbor. Great rafts of Common Eider might

be seen towards and beyond those islands. In summer it should be possible to see the herons that nest or roost on Spectacle and Thompsons Islands.

To the south, the varied winter birdlife of Dorchester Bay includes Horned Grebe, Red-throated Loon, Black Duck, large rafts of scaup, some White-winged Scoters, shorebirds, and gulls on the mudflats at low tide. The bay can be scanned from the L-Street Beach on Day Boulevard in South Boston and from the Kennedy Library at Columbia Point.

Savin Hill Cove, to the south of Columbia Point, often contains concentrations of Black Ducks and scaup. At low tide the mudflat here should be perused for shorebirds and Ring-billed Gulls.

### Quincy Bay

This lobe of the harbor, defined by Squantum, Moon Island, and Long Island to the north, Wollaston Beach to the west, Houghs Neck to the south, and various islands and shoals to the east, has long been the haunt of ornithologists and birders. The marshes associated with the Neponset River and Blacks Creek, and the shallow, muddy edges of Quincy Bay attract plenty of waders and shorebirds in migration. In winter, large flocks of Brant, often numbering in the thousands, may be found here unless they are forced farther south by freezing conditions.

Moswetuset Hummock overlooks a shallow cove at the northwest corner of Quincy Bay where sea ducks and grebes feed. At low tide, this is an excellent location to look for Black-headed Gulls.

Squaw Rock is the deepest penetration into the southern harbor currently accessible to birders. Look at the Thompsons Island sandspit during low tide for gulls and, in season, herons and terns. Ducks, particularly Blacks, frequent the eastern shore of Thompsons.

At the southeastern end of Wollaston Beach, Merrymount Park encompasses the inlet at Blacks Creek and a pond open to the sea. This is an excellent place to view ducks, especially those that prefer to feed in shallow water. Red-breasted Mergansers, Black Ducks, and Buffleheads are especially numerous. The bridge over Blacks Creek is a good vantage from which to search for Black-headed Gull. This end of Wollaston Beach usually hosts Brant.

Nut Island, at the tip of Hough's Neck, offers a grand view of the southern harbor. The rip north of Peddocks Island is a favored feeding place for gulls, including Bonaparte's and occasionally, Iceland Gulls. In winter, loons, grebes, and waterfowl are scattered in Quincy Bay to the west and Hingham Bay to the east. Great Cormorants can readily be seen sitting along the Prince Head sandspit of Peddocks Island.

We hope this introduction will help you to become more familiar with Boston Harbor and its varied birdlife. We have not presented a checklist of rarities because the coverage of Boston Harbor has been quite limited in time and scope. Only recently has much of the harbor received any systematic coverage, as Bird Observer records attest. In reality, birders have generally ignored this rich birding resource. For this reason,



we have not discussed other aspects of the harbor's birdlife. Nahant Thicket, Squantum Airport, and Squaw Rock are well-known passerine land-traps, but little information on them is available. The significance of Boston Harbor and its islands for migrant passerines has hardly been explored.

We invite you to participate in Take a Second Look, a project which is examining Boston Harbor's birdlife in some detail during 1980, "The Year of the Coast." Please join us, either by participating in our field trips or by reporting your harbor sightings to Bird Observer.

For more detailed information on access to the birding overlooks, the Arrow Street Map Atlas and the MBTA System Map are almost indispensable. We also recommend that you consult the publications listed below. Unfortunately for those using public transport, many buses run infrequently, if at all, on weekends. If you plan to use public transportation, call MBTA Information 722-3200, ahead of time to avoid long and possibly fruitless waits at bus stops.

### Maps and Guides

Arrow Metropolitan Boston Map and Street Guide. Newton Upper Falls: Arrow Publishing Company, c. 1973 (\$1.95)

Arrow Street Map Atlas of Metropolitan Boston and Eastern Massachusetts. Newton Upper Falls: Arrow Publishing Company, c. 1973. (\$4.95)

Car-Free in Boston and all Massachusetts. Cambridge. Association for Public Transportation, Inc. 1979. (\$2.50). This booklet contains the MBTA System Map.

MBTA System Map. Boston: Massachusetts Bay Transportation Authority. (Available free at MBTA stops, or from the MBTA, 50 High Street, Boston, MA 02110)

Universal Atlas of Metropolitan Boston and Eastern Massachusetts. Boston: Universal Publishing Company, c. 1973 (\$5.95)

USGS Topographic Maps, 7.5 minute series. Quadrangles for Boston Harbor: Boston North, Lynn, Boston South, Hull, Weymouth, Nantasket Beach. (U.S. Geological Survey, Reston, VA 22092) \$1.50. On sale locally at J. L. Hammett, 48 Canal Street, Boston; Eastern Mountain Sports, 1041 Commonwealth Avenue, Brighton.

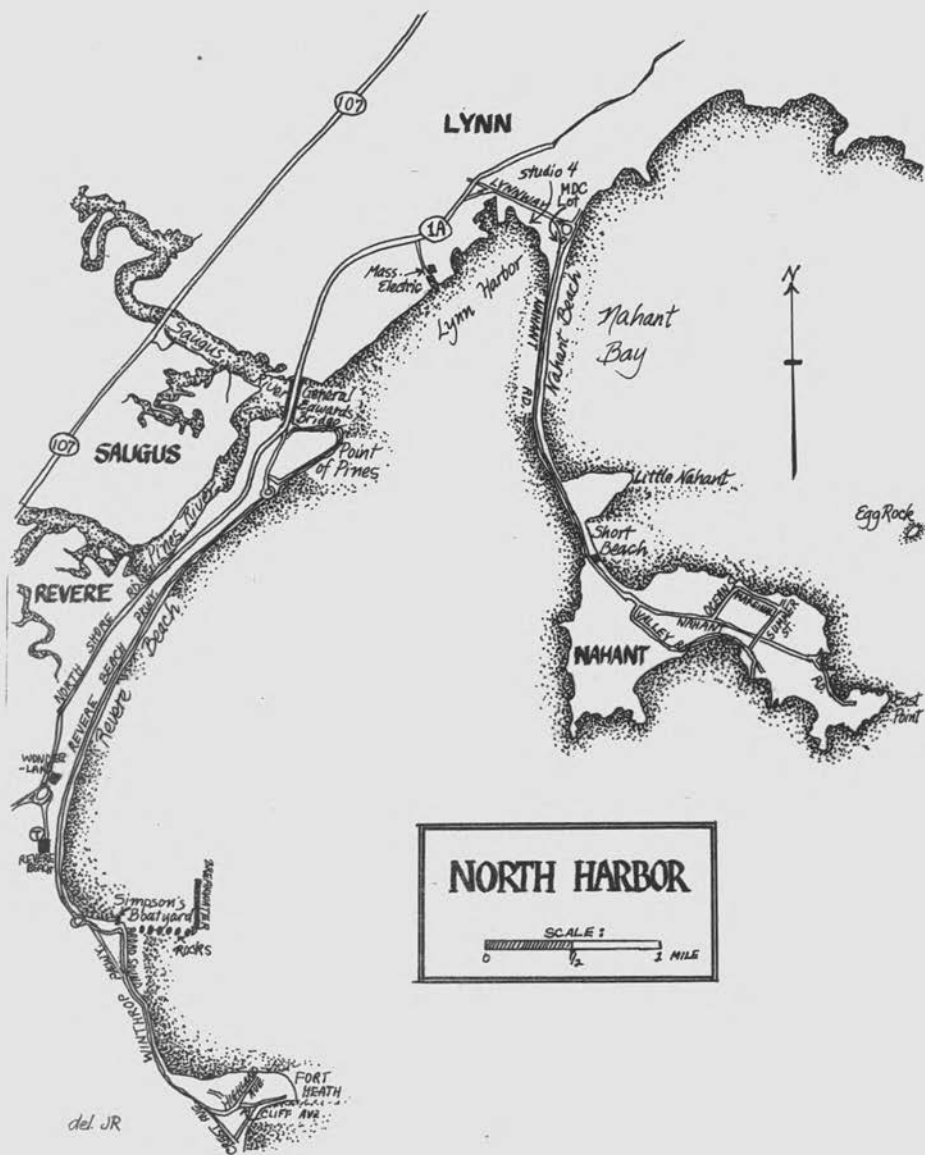
### Articles

Brown, David T. "Thompson's Island--A Good Place for Birds." BOEM, Vol. 5. No. 1 (Jan.-Feb. 1977, pp. 4-8).

Morrier, Edward J. "Birds of the Squantum and Wollaston Beach Area," BOEM, Vol. 3, No. 5 (Sept.-Oct., 1975, pp. 156-159).

Stymeist, Robert H. "Revere Winthrop." BOEM, Vol. 2, No. 6 (Nov.-Dec., 1974, pp. 172-174).

Zendeh, Soheil. "Revere-Winthrop Revisited." BOEM, Vol. 4, No. 6 (Nov.-Dec., 1976, pp. 159-162).



## DIRECTIONS TO OVERLOOKS

### Nahant Bay

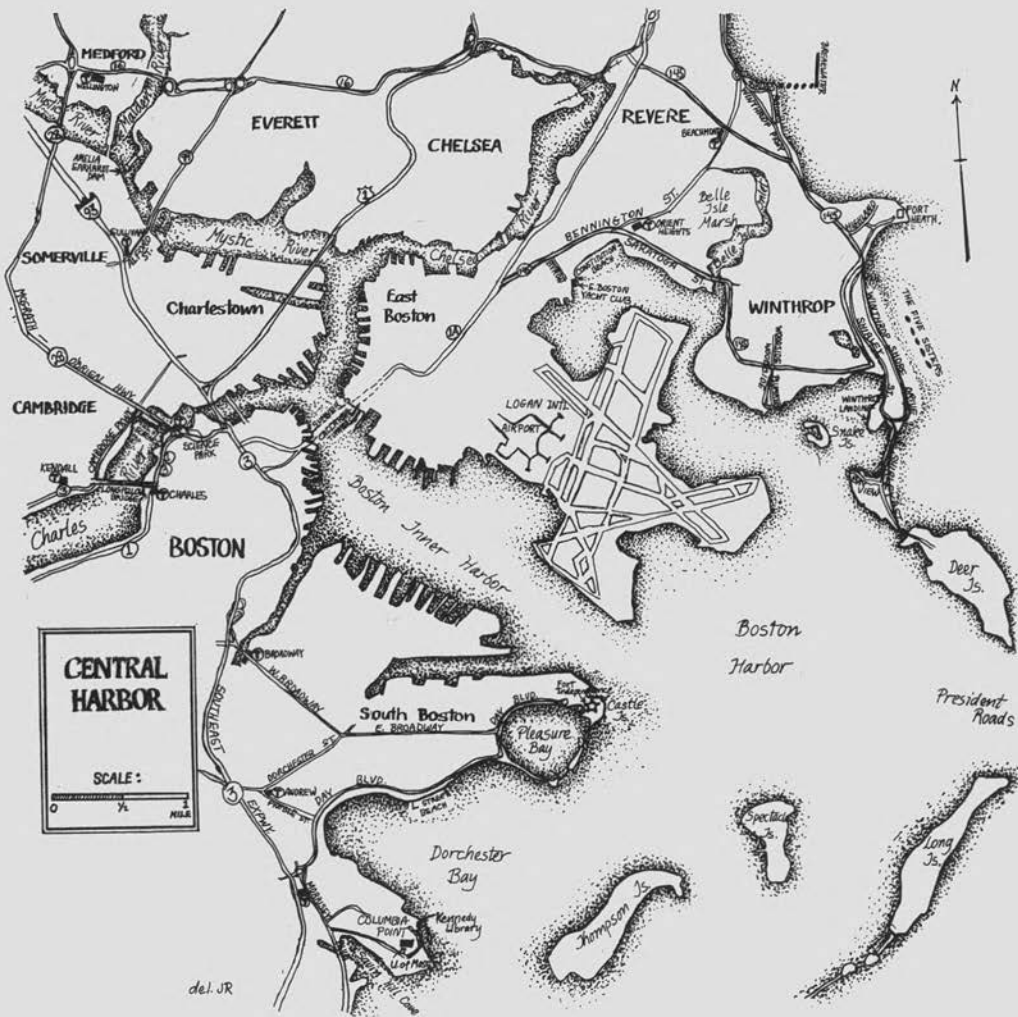
From Boston, follow Route 1A to Lynn. Shortly after the Massachusetts Electric sign, look for signs for Nahant. Follow to the rotary.

All spots in Nahant are accessible by Bus #439 from Lynn's Central Square. This bus runs once an hour (not on Sundays).

1. MDC Parking Lot, Nahant Beach--Leave rotary southbound for Nahant. The MDC beach parking lot stretches the length of the Nahant Causeway. Drive to the southern end of the causeway to enter the lot.
2. Nahant Short Beach--Shortly after the end of the causeway, on the left, is a Coast Guard station with a parking lot you can use when the gate is open. Otherwise, take the first right and park near the drug-store.
3. Ocean Street--From Nahant Road, take a left onto Ocean Street, then a right at the rocky shore.
4. East Point--Go to the end of Nahant Road. From October to April it is safe to park at the "Nahant Sticker Parking Only" sign. Although all kinds of signs and a fence suggest that this portion of Nahant is owned by Northeastern University, only certain sections are actually private property; most of the area is a town park. To keep the Northeastern folks happy, though, it is recommended that you walk up the hill between the parallel yellow lines until you are out of sight of the occupied buildings. You will then be on a high cliff overlooking an immense expanse of sky and ocean.

### Lynn Harbor

5. To look at the head of Lynn Harbor, drive or walk across the causeway to another parking lot directly opposite the MDC headquarters. The only other way to see the birds in upper Lynn Harbor from the east is to stay on the parking lot side of the causeway and look west through breaks in the fence. In the off-season it is reasonably safe to drive southbound in this parking lot, though only northbound traffic is officially allowed. Route 1A crosses the Saugus River at the General Edwards Bridge and is called the Lynnway for a couple of miles north into Lynn. Bus #440 will take you from the MBTA's Haymarket Station to Lynn's Central Square along Route 1A.
6. North Side of Saugus River--Immediately north of the General Edwards Bridge, go right through gates into a dirt lot.
7. Massachusetts Electric Plant--Immediately after the Lynn Dog Pound, go right through a gate into the Massachusetts Electric lot. Drive slowly--many trucks back in and out of this area. View another section of Lynn Harbor from the wall at the end of this road.
8. Head of Lynn Harbor--After Route 1A and Nahant Street diverge, look for two large roast beef signs. After the second, turn right into the Studio 4 parking lot.



**CENTRAL HARBOR**

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## Revere

Access to all shore points in Revere is achieved by going to the end of Revere Beach Parkway (Route 16). The MBTA's Blue Line has stops at Revere Beach and Wonderland.

9. Revere Beach--Walk or drive the beach from rotary to rotary.
10. Simpson's Boatyard--From the rotary at the southern end of Revere Beach take the exit southeast toward Winthrop. Bear left at the first fork (Broad Sound Avenue), and park where the road turns right. To the left is the gravel parking lot of Simpson's.

## Winthrop

Public transportation access to all locations in Winthrop is via Bus Route 1 from the Blue Line's Orient Heights station.

11. Fort Heath--From Simpson's, continue south on Broad Sound Avenue, bear left on Winthrop Parkway, and bear left again onto Highland Avenue (Texaco station on right). A right on Cliff Avenue will bring you to the parking lot of the large apartment house complex at Fort Heath.
12. Five Sisters--These breakwaters are visible from Winthrop Shore Drive.

## Snake Island and Surrounding Harbor Areas

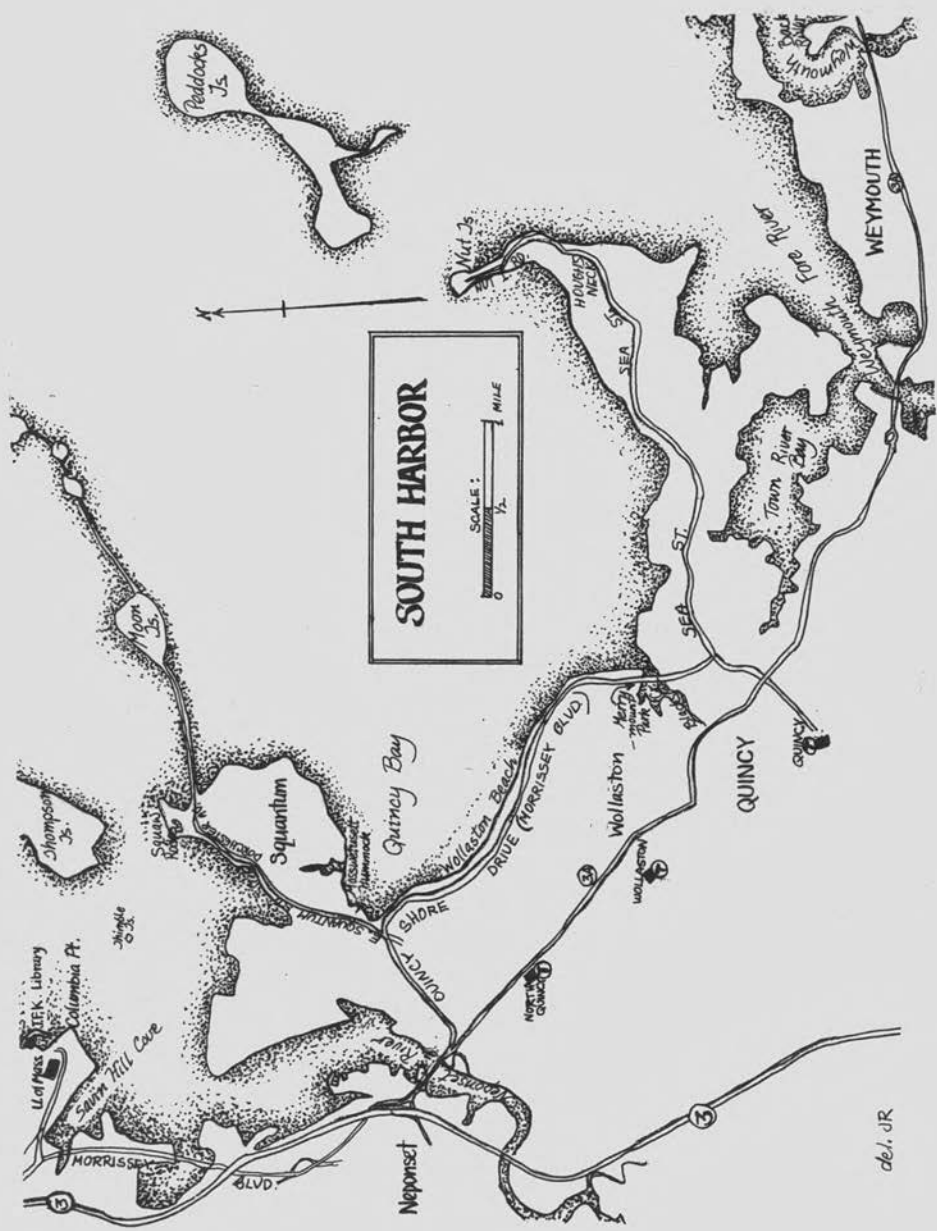
13. From Pleasant Street, Winthrop, (Route 145), turn south on Woodside Avenue and go to the end. Snake Island is southeast of you. The best views of the mudflats are from here.
14. From Route 145, take Shirley Street southward, turn right into the parking lot of Winthrop Landing. Snake Island is due west.
15. Continue south on Shirley Street. Take a right on Bayview Road and go to where the road swings left. Snake Island is due northwest.

## East Boston

16. Constitution Beach and Vicinity--From Bennington Street, (Route 145), East Boston, turn east on Saratoga Street, and turn right immediately. Within a hundred yards, Constitution Beach will appear on your left. Continuing on the road past the beach house will bring you to the entrance of the East Boston Yacht Club, where you will have a fine view of the airport and surrounding mudflats. The Blue Line Orient Heights station is on the corner of Bennington and Saratoga Streets. The walk to Constitution Beach is very short.

## Charles and Mystic Rivers

17. Amelia Earhart Dam--From the rotary on Route 16, 1/2 mile east of Wellington Circle, Medford, follow the signs to the dam. The Orange Line to Wellington station is within walking distance of this area.



del. JR



18. Alford Street Bridge--Follow Route 99 north from Sullivan Square, Somerville. The drawbridge (perpetually under construction) over the Mystic River is 1/4 mile from the Orange Line's Sullivan station.

19. Longfellow Bridge--Walk from the Red Line's Charles Street or Kendall stations. Park on the Cambridge Parkway (Route 3).

20. Science Museum--Take the Green Line to Science Park station. Park behind the Science Museum where the Charles River cruises begin.

#### South Boston and Columbia Point

21. Castle Island--Take Broadway, South Boston, to its end, when you turn left to get to Fort Independence (Castle Island). From the Red Line's Broadway station take Bus #09 or #11 to City Point and walk west 3/4 mile to Fort Independence.

22. L Street Beach--Turning right instead of left at the end of Broadway brings you to various overlooks of Dorchester Bay, among which is this famous walled-off beach where the L Street Brownies go skinny-dipping year-round. (Best views of the Brownies are obtained from across the bay at the Kennedy Library.)

23. Columbia Point, the University of Massachusetts, or the Kennedy Library--Continue west on Day Boulevard past the L Street Beach. From the Southeast Expressway take Exit 17 and follow signs for the Kennedy Library. By MBTA take the Red Line to Columbia station. A free shuttle bus, HBL, will take you to all points on the University of Massachusetts campus. This bus does not operate on Sundays.

#### Quincy Bay

Shore points in this area are all accessible from Morrissey Boulevard in Quincy. Take exit 20 of the Southeast Expressway and follow signs for Wollaston Beach.

24. Moswetuset Hummock--From the Red Line's North Quincy station, take bus #211. The hummock is at the intersection of Squantum Street and Morrissey Boulevard.

25. Squaw Rock--Same public transportation access as for the hummock. This vantage lies behind the VFW Post on Dorchester Street, Squantum.

26. Merrymount Park--From the Red Line to Wollaston station, take Bus #217 to the park, which is off Morrissey Boulevard at the south end of Wollaston Beach.

27. Nut Island--From the Red Line's Quincy Center station, take Bus #216 to Nut Island, which is no longer an island. To drive, take Morrissey Boulevard east to Sea Street, turn left, and continue to Quincy Yacht Club. Continue north over a hill to the gate of the sewage treatment plant, enter the grounds, and continue to the end of the peninsula.

## TAKE A SECOND LOOK

The Take a Second Look (TASL) water bird censuses will be conducted on March 16, April 13, and November 23. A heron census on July 20 and a shorebird census on August 3 are also scheduled. Committed volunteers are needed, particularly for the latter two dates. Please contact Craig Jackson for additional information (864-1917).

Summary reports of these census trips will appear periodically in Bird Observer, and more-detailed reports, including the data gathered, interesting observations made on these trips, and articles examining the occurrence of various species in Boston Harbor, will be published regularly in the TASL Newsletter. If you would like to receive this newsletter and be on our mailing list, please send \$1.00 to Craig Jackson, 531 Putnam Avenue, Cambridge, MA 02139.



For a gift that is thoughtfully perfect for bird watching friends (or for yourself!), consider a year's subscription to the exciting new national bi-monthly magazine, Bird Watcher's Digest. It features the best in contemporary birding literature.

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### Spring Hawk Watch

The EASTERN MASSACHUSETTS HAWK WATCH will be in two parts this spring. There will be coordinated weekend watches throughout New England on the weekends of April 19-20 and 26-27, and a consecutive-day watch on Plum Island from April 12-May 3.

Don't hesitate to participate because you may not feel confident about your ability to identify hawks. The watch attempts to have two or more people at each site. If you wish, you can be stationed with more experienced observers who will be able to help you learn to identify the hawks while you help spot the birds. Studying hawks during migration is the best way to become familiar with them. Even if you are unable to identify some of the hawks you see, it is important for the watch to learn if there was any hawk activity at your site.

Volunteers are needed for both inland and coastal sites for April 19-20, 26-27. If you don't have a preferred site, please ask Paul to recommend one to you. If you are interested in participating, even if for only a half-day, please contact:

Paul M. Roberts  
24 Pearson Road  
Somerville, MA 02144 (617) 776-8566

Any birders who observe significant hawk flights or uncommon individuals during the season are also asked to report them to Paul. Please send him a brief note describing what species were seen, how many of each, in which direction they were flying, where they were observed, and what the weather conditions were. If you observed a sustained flight, please specify the time spent looking for hawks. We are particularly interested in incidental reports from Plum Island, the Buzzards Bay area, and Cape Cod.

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## THE FALL MIGRATION AUGUST—NOVEMBER 1979



by Richard S. Heil, Mark Kasprzyk, and Robert H. Stymeist

August offered variety in weather but averaged on the warm side, very wet and cloudy. The temperature averaged  $71.7^{\circ}$ ,  $0.4^{\circ}$  above normal; the high mark was  $91^{\circ}$  on the 1st and 2nd, the low was  $54^{\circ}$  on the 13th. The first five days were very hot and humid, a continuation of the oppressive weather of late July. Rain totaled 5.02 inches, 1.56 over normal. Many migrants were noted on the 10th when strong northwest winds were recorded.

September weather was normal with temperatures running on the warm side. The high temperature was  $85^{\circ}$  on the 3rd; the low was  $42^{\circ}$  on the 20th. Many inland areas had a killing freeze the morning of the 20th with readings in the 30s. Rain totaled 3.61 inches,  $0.45$  over normal. The remnants of two hurricanes struck the Boston area this month. The centers both passed to the west bringing strong and warm southerly winds. Hurricane David on the 6th brought the month's highest wind and the many southern migrants, notably Sooty Terns, to our area. Hurricane Frederick, eight days later on the 14th, brought less damaging winds and only light rain to our area.

In October clouds were abundant and the weather went to extremes. The month was well on the cool side and wetter than normal. The mercury averaged  $52.7^{\circ}$ ,  $2.7^{\circ}$  below normal. The ten days of October 8-17 averaged  $11^{\circ}$  below normal and broke records. Boston recorded  $32^{\circ}$  on the 10th, four weeks earlier than average and the earliest freeze since October 6, 1883. This cold snap was followed by a beautiful Indian summer of five days which averaged  $62^{\circ}$  above normal. The temperature reached  $80^{\circ}$  on the 21st, and the month's high of  $83^{\circ}$  on the 22nd broke the old  $78^{\circ}$  high mark of 1920 and 1978. Precipitation totaled 3.14 inches; rain was very frequent the first two weeks, then scarce. The most in any day was 1.18 inches when a thunderstorm on the 3rd gave a torrential downpour with most of the storm total in less than 15 minutes. Snow accumulated on the ground on the 10th, the earliest measurable on record. Inland suburbs had considerably more, and 7 inches were recorded on Blue Hill, Milton.

November was very mild, somewhat dry, and seasonably sunny. The temperature averaged  $48.6^{\circ}$ ,  $3.4^{\circ}$  above normal. The month tied 1953 as the 5th warmest November in 109 years. November 23-28 brought a mini-summer averaging  $17^{\circ}$  above normal and daily highs averaged  $67^{\circ}$ . This was the longest stretch this warm so late in the year on record. Rain totaled 3.29 inches, 1.22 under normal; no snow accumulated.

### LOONS THROUGH HERONS

A northeast storm November 11th coincided with a major loon movement yielding an unusually high number of 921 loons off Manomet during a one hour period. On August 30, a Red-necked Grebe in full breeding plumage was picked up dead at Wellfleet Bay Wildlife Sanctuary. This constitutes a first August record for this species in the state. A Western Grebe first discovered November 22 off Plum Island was well observed, allowing some observers to approach as close as 15 feet. The last confirmed records date back to 1973, January to March, when 2-3 highly mobile individuals frequented waters off Magnolia, Marblehead, Cohasset and Scituate. Major highlights for the season included record high counts of pelagic seabirds off Cape Cod. Unprecedented numbers of Cory's Shearwaters were reported widely throughout the region with birds even reaching north into the cooler waters around the Gulf of Maine. Sightings in the gulf are, at best, normally very infrequent even under conditions offering optimal food availability (American Birds: 32,2, March, 1978). An estimated count of approximately 2500+ for this species from First Encounter Beach, Eastham, in November far surpasses a previous high of 1000+ birds on 9/26/76 off the southeast corner of Nantucket. Manx Shearwater entered the category of record breakers with an apparent 120 individuals from Sandy Neck, Barnstable, August 12. The previous high was 50+ (Provincetown, 9/25/77). The increased sightings of Audubon's Shearwater in the relatively warm offshore waters south of the islands can perhaps best be attributed to coverage from the MBO seabird cruises. Maintained observations in this little covered area over the years will probably give a more accurate picture of this species' true status. Over 350 Leach's Storm-Petrels August 13th represents the highest August record in the state. Relatively recent years have shown a general increase in pelagic species off the Massachusetts coast with this season no exception. An unexplained food supply along with much greater observer awareness are possible factors to consider.

Loon sp.:			
11/14	Manomet Point	921 (in 1 hr.)	MBO staff
Common Loon:			
8/25,9/1	Plymouth, MNWS	6, 8	BBC, R.Forster
9/20,23	Framingham	15, 7	S.Summer#, R.Forster
9/29,10/4	P.I.	10, 18	G.Wilson, P.Roberts#
10/26,27	Nantucket, Ashburnham	22, 4	R.Veit#, P.Roberts#
11/18,21	Norwood, Ipswich	2, 40	R.Vernon, J.Grugan
Red-throated Loon:			
9/9,15	Ipswich, off P'town	1, 1	J.Nove
10/10,20	Barnstable(S.N.), Ipswich	4, 75+	N.Claflin, J.Berry
10/24,28	Rockport(A.P.), Ipswich	12, 40	R.Campbell, J.Berry
11/11,thr.	Barnstable(S.N.), P.I.	150, 60	W.Petersen#, R.Emery
11/16,17	Wayland, Plymouth	1, 37+	R.Forster, SSBC
11/23,24	Salisbury-P.I., Framingham	100, 23	R.Forster
Red-necked Grebe:			
8/30	WBWS	1 full br. pl., found dead	R.Heil
11/4,10	Eastham(First Enc.),Ipswich	1, 3	R.Stymeist, J.Berry
11/12,24	Rockport, P.I.	2, 2	W.Petersen#, v.o.
Horned Grebe:			
9/25,10/25	Cotuit, Wollaston	1, 20	E.Cutler, R.Campbell#
10/28,11/4	Lakeville, Wollaston	8, 150	SSBC, S.Higginbotham
11/17, 25	Plymouth, S.Boston	14, 23	SSBC, R.Stymeist#
Western Grebe:			
11/22 on	P.I.	1	E.+C.Harper, v.o.
Pied-billed Grebe:			
8/18,9/30	Newburyport, Framingham	6, 3	BBC, R.Forster
10/thr.,27	Nantucket, P.I.	max 8(10/28), 6	R.Veit#, BBC
10/28,11/8	Lakeville, Nantucket	18, 7	SSBC, R.Veit#
11/23, 29	Eastham, Lynn Woods	5, 3	R.Finch, J.Roderick
Northern Fulmar:			
9/15,30	P'town(R.P.), off Monomoy	1, 3	J.Grugan, BBC
10/14,11/20-30	off Manomet Pt.,90 mi. E of Nantucket	2, 4	R.Veit#
Cory's Shearwater:			
8/12	Rockport, Barnstable(S.N.)	1, 100	C.Leahy, P.Trull#
8/13	Eastham (First Enc.)	250+	R.Heil + B.Nikula#
9/7,14	Rockport,Nantucket	3-4, 500+	C.Leahy, G.Soucy#
9/15,18	Eastham(First Enc.), M.V.	150, 300	H.Coolidge#, V.Laux
9/23,24	P'town,Nantucket	500+, 200+	P.Trull#, K.Andersen#
10/2,4	Nantucket Shoals,Jeffrey's Ledge	100, 90	MBO staff
10/6,14	Stellwagen Bank,Eastham	12, 6	W.Petersen#, BBC
10/19,28	Great South Channel, off Plymouth	76, 8	MBO staff, BBC
11/4,11	Eastham(F.E.),Barnstable(S.N.)	2500+, 15+	B.Nikula#, M.Kasprzyk#
11/21-24	S. end of Nantucket Shoals	30	R.Veit#
Greater Shearwater:			
9/10,15	Nantucket, Stellwagen Bank	3, 440	L.Jodrey#, D.Brown#
9/15,23	Eastham(F.E.), P'town	15, 40+	H.Wiggin#, P.Trull#
10/2,6	Nantucket Shoals,Stellwagen	145, 50	MBO staff,W.Petersen#
10/25,26	Georges Bank, Brown's Bank	100, 150	MBO staff
11/3,4	Rockport, Eastham(First Enc.)	1, 2	R.Heil, P.Trull#
11/12,20-30	P.I., Nantucket Shoals	2, 500+	J.Nove#, R.Veit#
Sooty Shearwater:			
8/4,9/7	Jeffrey's Ledge, Eastham(F.E.)	1, 5	S.Garrett#, R.Emery#
9/15	off P'town,Stellwagen Bank	3, 4-5	H.Wiggin#, D.Brown#
10/6,11/26	Stellwagen Bank, Nauset	1, 1	R.Heil, W.Russell#
11/26	Nantucket Shoals	2	R.Veit#
Manx Shearwater:			
8/12	Rockport,Barnstable(S.N.)	9, 120	C.Leahy, P.Trull#
9/6+7,15	Rockport,Stellwagen Bank	10-12, 28	C.Leahy, D.Brown#
10/2,5	Nantucket Shoals,Stellwagen	15, 3	MBO staff
10/14,11/10	Eastham, P'town	3, 4	BBC,MBO staff
11/25	P'town (R.P.)	50+	P.Trull#M.Kasprzyk#
Audubon's Shearwater:			
8/18	60 mi. S of Nantucket,60 mi. S of M.V.	6, 30+	MBO staff
8/22,25	Georges Bank	1, 1	MBO staff
9/13,15	S edge of Georges B.,Stellwagen B.	1, 1	R.Heil, D.Brown#
Leach's Storm-Petrel:			
8/12,13	Barnstable(S.N.),Eastham(F.E.)	10+, 350+	B.Nikula#
9/23,10/28	off Boston, off Plymouth	1, 5	M.Kasprzyk#, BBC
11/14	Barnstable(S.N.)	2	R.Pease

<b>Wilson's Storm-Petrel:</b>			
8/4	off Rockport, P'town	40, 150	E.Pyburn, R.Heil
8/13,9/11	Eastham(F.E.),Cultivator Shoals	50+, 60	B.Nikula#, R.Heil
9/15,30	Great South Channel, Monomoy	150+, 1	R.Heil, J.Baird#
10/10,21	S.Georges B.,SW Georges B.	14, 1	MBO staff
<b>Gannet:</b>			
8/12,13	Barnstable(S.N.),Eastham(F.E.)	50, 75	P.Trull#, B.Nikula#
10/14-26	Nantucket	max 200(10/25)	M.Litchfield#
10/20	Truro, P.I.	75-100, 300	T.Atkinson, BBC
10/24,28	Rockport(A.P.),off Plymouth	100+, 150	R.Campbell, BBC
11/3-11,4-15	Rockport,Eastham(F.E.)	max 300(11/11),max 2000	(11/15) R.Heil,B.Nikula#
11/11,13-30	Barnstable(S.N.),Nantucket	500+,max 275(11/14)	W.Petersen, R.Veit#
<b>Great Cormorant:</b>			
9/13 on,16	Manomet, Scituate	8 imm., 2 imm.	MBO staff,W.Petersen#
9/23,10/27	Westport, Nahant	8, 10+	BBC, S.Zendeh
11/11,25	Ipswich, Gloucester	300+, 105	BBC
<b>Double-crested Cormorant:</b>			
8/11,9/2	P.I., Nahant	150, 1000	BBC,H.D'Entremont
9/9,23	Ipswich, Mt.Wachusett	800+, 35	BBC, P.Roberts#
9/28,10/4-20	Salisbury, P.I.	1500+,max 4000+(10/13)	M.Kasprzyk#
10/13,20	Manomet, Ipswich	300, 300+	SSBC, J.Berry
10/28,11/1-27	off Plymouth,Salisbury-P.I.	40, max 30(11/4)	BBC
11/11-21,12-23	Ipswich, Rockport	6, max 3(11/17)	BBC, M.Kasprzyk
11/16,18	Nantucket, Duxbury	1 imm., 2	R.Veit#,W.Petersen
11/25	Gloucester	21	BBC
<b>Great Blue Heron:</b>			
8/5,7	GMNWR, P.I.	7, 20	BBC, O.Komar#
8/9,19	Eastham, Monomoy	22, 10	R.Stymeist, BBC
9/thr.,1	Saugus, P.I.	max 14, 12	J.Berry, BBC
9/9,29	Essex, GMNWR	22, 13	B.Rizzotti,R.Walton#
10/4-27,6	P.I., Essex	max 100(10/7), 22	SSBC, E.Rizzotti
10/17,21	Nantucket, Eastham	26, 54	R.Veit, W.Petersen#
10/25,11/4	Manchester, P.I.	30, 32+	C.Leahy#, B.Cassie#
11/4	GMNWR, Nauset	18, 10	BBC, SSBC
11/6	Nantucket	7	M.Litchfield#
<b>Yellow-billed Stork (origin?):</b>			
11/16	Wellfleet	1	fide W.Bailey
<b>Green Heron:</b>			
8/6,14	P.I., WBWS	10, 9	BBC, D.Clapp
9/9, 15	P.I., Monomoy	9, 11	B. Cassie, B.Nikula
10/14,20-24	Cambridge, Nantucket	1, 3	BBC, R.Veit#
10/21,11/3	GMNWR, P.I.	1, 1	G.Gove, BBC
<b>Little Blue Heron:</b>			
8/8-9,11	Woburn, P.I.	1 imm.,9(5 ad.,3 cal.,1 imm)	E.Luban#, R.Stymeist#
8/26,28	S.Dartmouth, Nauset	6(3 ad.,3 imm.), 1 ad.	BBC, R.Heil#
9/1-3,9	Nantucket, P.I.	1, 4	BBC, B.Cassie
9/9,10/4-20	Scituate, P.I.	1 imm., max 5(10/7)	W.Petersen, G.Gove
<b>Cattle Egret:</b>			
8/3-8,7	Natick, Topsfield	1, 3	M.Kozlowski, v.o.
8/25,9/1-9	Ipswich	20,max 25(9/1)	J.Berry, R.Emery#
10/5,12-20	Ipswich, Nantucket	8-9, 2	D.Alexander,E.Andrews#
11/4-27,28-29	Truro, Sudbury	max 5(11/12), 1	W.Bailey#, R.Hill#
<b>Great Egret:</b>			
8/4,6-23	Sandwich, P.I.	3, max 9(8/8)	P.Trull#,M.Kasprzyk#
8/8,26	Woburn, S.Dartmouth	2, 6	E.Luban, F.Hamlen
9/9,15	P.I., Quincy	12, 10	B. Cassie, BBC
9/23,10/4-20	Westport, P.I.	11, max 12(10/8)	BBC, J.Berry
10/28,11/6	M.V.,Nantucket	1, 6	V.Laux, R.Veit#
11/25	Scituate	7	M.Litchfield
<b>Snowy Egret:</b>			
8/6,23	P.I.	250,880+(roost count)	BBC,M.Kasprzyk#
8/25,31	Plymouth Beach,Saugus	80+, 90	BBC, J.Berry
9/1,8	P.I., Squantum	100, 31	BBC, S.Higginbotham
10/4-20,8	P.I., Nantucket	max 150+(10/8), 35	J.Berry, R.Veit#
10/10,20	S.Georges B., E.Boston	1 b., 3	MBO staff,D.Braunharet
11/4,11	Eastham, Nantucket	1, 2	SSBC, R.Veit#
11/4-15	P.I.	max 4 (11/4)	M.Kasprzyk#
<b>Louisiana Heron:</b>			
8/6-23,9/thr.	P.I., M.V.	max 4(8/11), max 3(2 ad.,1 imm.)	R.Stymeist#, V.Laux#



9/8-29,16	P.I., Duxbury	1, 1	v.o., W.Petersen#
10/4-8	P.I.	max 3(10/7)	G.Gove
<b>Black-crowned Night Heron:</b>			
8/5-16,8-23	E.Boston, P.I.	15, 20+	S.Zendeh, M.Kasprzyk
8/9,10/4-7	Eastham, P.I.	35, max 63(10/13)	R.Heil#, BBC
10/27,11/11	Nantucket, P.I.	64, 30-32	R.Veit, J.Grugan#
<b>Yellow-crowned Night Heron:</b>			
8/5-31,6	Eastham, WBWS	max 2 imm., 1 imm.	D.Clapp#, R.Heil
8/7,11-28	Scituate, P.I.	1, 1 imm.	MBO staff, Ted Martin#
8/12,19	P.I., Marion	1 ad., 1 imm.	E.Pyburn, G.Mock
8/21	Centerville, Chatham	1 ad., 1 imm.	R.Forster, B.Nikula
8/31,9/1	Monomoy, Eastham	2 imm., 1 imm.	B.Nikula#, R.Heil
9/1-16,9	P.I., Monomoy	max 3(1 ad., 2 imm.), 1 imm.	R.Heil, T.Raymond#
9/9,10/6-8	Marshfield, P.I.	1' imm., 1 imm.	SSBC, G.Gove#
10/9,10	Essex, S.Georges Bank	1 imm., 5(1 ad., 4 imm.)	E.Rizzotti, MBO Staff
10/11,16-20	Duxbury, Nantucket	1, 1 imm.	N.Jackson, R.Veit
<b>Least Bittern:</b>			
8/5,25	P.I.	1	R.Stymeist
<b>American Bittern:</b>			
8/11	Newburyport, P.I.	1, 3	R.Heil, H.Bok#
9/2,23	MNWS, Framingham	1, 1	R.Stymeist#, R.Forster#
9/23,28	GMNWR, Salisbury	1, 3	M.Lynch, M.Kasprzyk#
10/4-21,8	P.I., GMNWR	max 2(10/21), 1	R.Heil, BBC
10/10,11-19	Essex, Nantucket	1, 1	E.Rizzotti, R.Veit#
10/27,11/4	E.Boston, Nauset	1, 1	S.Zendeh, SSBC
11/4,4-24	GMNWR, P.I.	1, max 8(11/4)	BBC, M.Kasprzyk#
11/18	Duxbury, Cambridge	1, 1	W.Petersen#, L.Taylor
<b>Glossy Ibis:</b>			
8/thr.	Monomoy, E.Boston	max 7(8/31), max 37(8/17)	R.Heil, S.Zendeh
8/8,11	P.I.	94, 52	M.Kasprzyk#, R.Stymeist#
9/3,8	Nantucket, Revere	2, 3	BBC, T.Leverich
9/1-26,10/6-8	P.I.	max 15(9/4), max 12(10/8)	v.o., J.Berry
11/4-24	P.I.	1	B.Cassie#

#### WATERFOWL

A new high of 300+ Gadwalls at P.I. during August is proof of this species' continued success along the Massachusetts coastline. First seeded in late August and early September 1957, 24 juvenile Gadwalls from the Delta Waterfowl Research Station, Manitoba, were released in ponds on a private reserve one mile from Concord center. Initial breeding occurred locally in 1961 with seven of nine young reaching maturity. Following this apparent success, a second and final seeding of 60 hand-reared birds was overwintered for spring release in 1965. The surviving 52 birds released began establishing by producing six broods that season, the non-breeders spreading up to five miles from Concord. Thereafter, breeding at GMNWR during 1966 expanded populations still further, documenting the successful future in store for this dabbling. A bright chestnut-brown colored immature male European Wigeon frequented Niles Pond, Gloucester, from November 22 on to the delight of many observers. Lakeville continues to draw in good numbers of waterfowl, producing a state high of 1250 Ring-necked Ducks on October 19. A Fulvous Whistling Duck found dead November 28 on Nantucket apparently establishes the first record for the island.

<b>Mute Swan:</b>			
9/23,11/22	Acoaxet, Ipswich	57, 5	BBC, J.Berry
<b>Whistling Swan:</b>			
11/28	Hingham, Quabbin	11, 3	B.Guild, v.o.
<b>Canada Goose:</b>			
10/12,20	Millis, P.I.	200, 1000	B.Cassie, BBC
11/thr.	Ipswich-Hamilton, P.I.	1000+, max 700+(11/3)	J.Berry, BBC
11/4	GMNWR	300	BBC
<b>Brant:</b>			
10/7,27	Newburyport, Nahant	20, 26	G.Gove, S.Zendeh
10/28,29	Plymouth, Wollaston	81, 100+	BBC, G.Wilson
11/4	Truro, Chatham	300, 180	SSBC, R.Stymeist#
11/4-17	Wollaston	max 500(11/12)	G.Wilson
11/12 on,17	Nantucket, Plymouth	12, 400+	R.Veit#, SSBC
<b>Barnacle Goose (origin?):</b>			
11/4	Clinton (Wachusett Reservoir)	1	B.Blodget

<b>Snow Goose:</b>			
9/29,10/11	GMNWR, Duxbury	1, 32	R.Forster#,W.Jackson
10/12-28,17	P.I., Manomet	max 700(10/18), 25	K.Blanchard, MBO staff
10/18, 27	Middleboro, Ashburnham	60, 40	K.Anderson, P.Roberts#
11/1-24,12	P.I., M.V.	max 27(11/18), 75+	BBC, V.Laux
11/12,17	Milton, Plymouth	150, 42	K.Bryan, SSBC
11/23,28	Falmouth, Wollaston	1 ad., 20	P.Hallowell, S.Higginbotham
<b>"Blue" Snow Goose:</b>			
10/9,17	Nantucket, Manomet	5(2 ad.,3 imm.), 1	R.Veit#, MBO staff
11/15 on	Nantucket	1 ad.	R.Veit#
<b>Gadwall:</b>			
8/11,10/6-27	P.I.	300+, 20	R.Heil#, BBC
10/7,11	Monomoy, Millis	10+, 2	W.Petersen#,B.Cassie
10/25,28	Nantucket, Ipswich	3, 30	R.Veit#, J.Berry
11/4,4-18	GMNWR, P.I.	68, max 24(11/10)	BBC
11/11,15+16	Ipswich, Nantucket	68, 1	BBC, R.Veit#
11/17	Plymouth	8	SSBC
<b>Pintail:</b>			
9/15,10/7	P.I., Nantucket	6, 3	BBC, M.Litchfield
10/7-27,8	P.I., GMNWR	max 100(10/20), 5	BBC
11/3-18	P.I.	max 300(11/10)	R.Heil
11/4-10,11	GMNWR, Ipswich	8, 7	BBC
<b>Green-winged Teal:</b>			
8/17,9/1	E.Boston, Marion	10+, 20	S.Zendeh,G.Mock
9/8,11	P.I., Halifax	26, 45	BBC, K.Anderson
10/8,8-27	GMNWR, P.I.	100, max 500(10/8)	BBC, J.Berry
10/31,11/4-10	E.Boston, GMNWR	100, max 60(11/4)	S.Zendeh, BBC
11/4-18,10	P.I., Truro	max 400(11/4), 17	R.Heil, K.Anderson#
11/20	Lynnfield	50	D.Walden
<b>Blue-winged Teal:</b>			
8/18,19	P.I., Monomoy	30, 8	BBC
9/11,10/7	Halifax, P.I.	15, 25	K.Anderson#, SSBC
11/4,11	P.I., Barnstable(S.N.)	1 male, 1	B.Cassie#,W.Peterson#
<b>European Wigeon:</b>			
11/22 on	E.Gloucesterc	1 imm. male	D.Finch
<b>American Wigeon:</b>			
9/18,22	P.I., Nantucket	40, 125	BBC, W.Petersen
10/thr.,7	Nantucket, Monomoy	max 455(10/25), 175	R.Veit#, W.Petersen
10/9-27,12-21	P.I., Ipswich max	80(10/7), max 200(10/21)	SSBC, J.Berry#
10/21,11/thr.	Cambridge, Nantucket	24, 400	BBC, R.Veit#
11/4	GMNWR, P.I.	40, 30	BBC
11/10-22	Ipswich	max 115(11/11)	BBC
<b>Northern Shoveler:</b>			
9/8,29	P.I., GMNWR	4, 1	BBC, R.Walton#
10/6-27,7	P.I., Monomoy	max 50(10/20), 15	BBC, W.Petersen
10/20,11/4	Ipswich, GMNWR	7, 2	G.Soucy, BBC
11/4-27,11	P.I., Ipswich	max 40(11/18), 11	H.Weissberg, BBC
<b>Wood Duck:</b>			
8/5,11	GMNWR, P.I.	10, 50	BBC, R.Heil
8/19,9/8	GMNWR, P.I.	7, 2	BBC
10/18,25	M.V., Nantucket	16, 13	V.Laux, R.Veit#
<b>Redhead:</b>			
10/15,21	Falmouth, Ipswich	1 male, 1 male	P.Garrey, J.Berry
10/28-30,28	Lakeville, Nantucket	1, max 13(10/30)	SSBC, R.Veit#
11/11,15	Ipswich, Nantucket	1, 83	BBC, R.Veit#
11/16,17	Nantucket, Plymouth	150, 1 female	R.Veit#, SSBC
11/23	Falmouth	11 males	P.Hallowell#
<b>Ring-necked Duck:</b>			
9/3-16,16	Lakeville, P.I.	9(max 75), 1	W.Petersen, R.Forster
10/7,7-27	Nantucket, Cambridge	5, max 40(10/21)	M.Litchfield#, BBC
10/8-28,21	Lakeville, Ipswich	max 1250(10/19), 15	W.Petersen, J.Berry#
10/28,11/11	Hanson, Lakeville	200, 44	SSBC, BBC
11/12, 15	Cambridge, Nantucket	25, 1 male	M.Lightbody, R.Veit#
11/18,22	Norwood, Ipswich	20, 7	R.Vernon, J.Berry
11/23	Eastham	20	D.Minsey#
<b>Canvasback:</b>			
9/3,10/18-27	Scituate, Cambridge	1 female,max 34(10/27)	W.Petersen, BBC
10/19-28,27	Lakeville, Newburyport	max 4(10/18), 2	W.Petersen, BBC
11/4,11	P.I., Lakeville	9, 65	BBC

11/12,15-18	Cambridge, Nantucket	175,max200+(11/18)	F.Bouchard, R.Veit#
11/22,23	Brewster, Falmouth	300+, 50-60	S.Zendeh#,P.Hallowell
scaup, sp.:			
11/23	Falmouth	200	P.Hallowell#
Greater Scaup:			
7/9,16	P.I., Newburyport	2, 2	R.Heil, R.Forster
10/28,11/25	Lakeville, S.Boston	85, 350+	SSBC, R.Stymeist
Lesser Scaup:			
9/26,10/9	P.I., Nantucket	1 male, 1 male	W.Petersen, R.Veit
11/11,17	Lakeville, Gloucester	38, 2 males	BBC
11/18,19	Milton, P.I.	1, 4	S.Higginbotham,M.Kasprzyk#
Common Goldeneye:			
11/4,11	Worcester County	26, 8	B.Blodget, BBC
11/11	Nantucket, Salisbury	6, 8	R.Veit#, J.Crugan#
11/17, 19	Plymouth, Lincoln	6, 6	SSBC, P.Roberts
Barrow's Goldeneye:			
11/25	Gloucester	1 female	R.Forster
Nov.	Wollaston	1	D.Brown
Bufflehead:			
9/thr.,8	Newburyport, Monomoy	4, 1 male	BBC, v.o.
10/20,28	Newburyport, Lakeville	18, 40	BBC, SSBC
11/4,17	Nahant, Plymouth	80, 30	BBC, SSBC
11/25	S.Boston	145	R.Stymeist#
Oldsquaw:			
10/20,28	Newburyport,off Plymouth	25, 87	BBC
11/4,18	Eastham(F.E.), P.I.	75, 30+	SSBC, BBC
Harlequin Duck:			
11/12-24	Rockport	1 ad.,1 subad. male	J.Soucy
11/16-30,25	E.Orleans, Gloucester	3(2 males,1 fem.), 1 ad.	v.o., BBC
Common Eider:			
8/thr.,3	Manomet, Winthrop	3+, 1	M.Kasprzyk,S.Zendeh
9/9,10/27	Scituate, Nahant	20, 1000+	SSBC, S.Zendeh
10/28,11/4	off Plymouth,Eastham(F.E.)	648, 1500	BBC, SSBC
11/17,17 on	Cape Ann, Plymouth	2000, max 2500+(11/17)	BBC, SSBC
11/25	Winthrop	18,000+	R.Stymeist#
scoter sp.:			
11/11-21	Barnstable (S.N.)	max 7-8000(11/17)	MBO staff
White-winged Scoter:			
9/9,16	Ipswich, Barnstable (S.N.)	30, 8	J.Berry, H.Wiggin#
10/4,10	P.I., Barnstable (S.N.)	140, 850	P.Roberts#,N.Claflin
10/13,27	Manomet, Nahant	150, 140	SSBC, S.Zendeh
11/21	Ipswich	125	J.Crugan
Surf Scoter:			
9/16,10/14	Barnstable(S.N.),Manomet Pt.	50, 70	H.Wiggin#, R.Campbell#
10/28,11/12	off Plymouth, Rockport	500, 330	BBC, J.Berry
Black Scoter:			
9/24,10/5	Winthrop, Wayland	1, 1 male	S.Zendeh, R.Forster
10/10,28	Barnstable(S.N.),off Plymouth	250, 400	N.Claflin, BBC
11/1-6,11	P.I., Rockport	max 60(11/6), 1020	O.Komar#, R.Heil
11/12	Sharon	11	D.Clapp#
Ruddy Duck:			
9/22,29	P.I., Framingham	8, 1	BBC, R.Forster
10/6-27,13	P.I., Lynnfield	max 30(10/27), 12	BBC, D.Walden
10/27,28	Cambridge, Lakeville	4, 40	BBC, SSBC
11/1-24,2-17	P.I., Cambridge	max 25(11/11), max 8(11/11)	C.Leahy#, F.Bouchard
11/9-20,17	Lynnfield, Braintree	max 20 (11/9), 31	D.Walden,R.Higginbotham
11/18,22	Newton, Brewster	15, 100	R.Stymeist, S.Zendeh#
Hooded Merganser:			
9/9,14	P.I., Plymouth	4, 2	R.Heil, H.Coolidge#
10/13	Ipswich	max 16(3 m.,13 f./juv.)	M. Kasprzyk#
10/18	Falmouth	max 15(14 m.,1 f./juv.)	P. Garrey
11/2-13, 8	Winchester,Nantucket	max 16, 1 on salt water	G.Gove, R.Veit#
11/11,18	Ipswich, Braintree	6, 24	BBC,S.Higginbotham#
11/19,20	Lincoln, Wareham	11, 37	P.Roberts,B.Litchfield
Common Merganser:			
11/12,15-19	Winchester, Lincoln	17, Max 49(11/19)	G.Gove, P.Roberts
11/17,29	Braintree, Lynn	6, 4	S.Higginbotham#,J.Roderick
Red-breasted Merganser:			
8/25,10/20	P.I., Ipswich	6, 150+	T.Leverich#,J.Berry

11/4,9	P.I., N of Tuckernuck I.	80, 1200	BBC, R.Veit#
11/11	Barnstable(S.N.), W.Dennis	1000, 800	W.Petersen#, BBC
11/25	Cape Ann	115	BBC
<u>Fulvous Whistling Duck:</u>			
11/28	Nantucket	1 found dead	G.Derr

#### VULTURES THROUGH COOTS

An unprecedented and encouraging 32 Red-shouldered Hawks were observed during an October 27 hawk watch at Mt. Watatic, Ashburnham, representing a state high for fall migration. Virtually unreported during the late 60s and early 70s in fall migration from the state, this species has had increased sightings within recent years which may represent its comeback after past pesticide problems. A well documented report of an immature Swainson's Hawk, September 15, highlighted a productive hawk watching day. Identification was established on the basis of a long and narrow tail with narrow dark bands and a pale terminal band; streaked underparts, heaviest about the chest area and less distinct on lower parts; and a complete lack of windows in the wings. Remarks were also made stating that the first impression was that of a Marsh Hawk because of its long wings and buoyant flight. Detailed descriptions on any rare, unusually early, or very late species are to be encouraged. Complete documentation is as important as the record itself.

An incredible migration of Peregrine Falcons along and off the Massachusetts coast resulted in an estimated 52+ birds. Establishing the actual number present is difficult due to frequent duplication. Of particular note was a banded bird feeding on exhausted migrants attempting to land on a Soviet vessel located off Nantucket Shoals. Observations of the band number and color sequence by an alert MBO staff member led to discovery of its banding origin: an immature male in a nest with four female chicks, banded July 26, 1979 near Sondrestrom Fjord, Greenland, just north of the Arctic Circle on the west coast. Flashing white wing patches were well observed on a Yellow Rail flushed from a salt marsh at Sandy Neck, Barnstable, in mid-September. A general consensus of the status of this extremely secretive rail is still a mystery in Massachusetts. Unconfirmed reports from Plum Island marshes are the only possibilities in recent years. Otherwise, the last confirmed state record was August 24, 1973, when an immature bird landed on a fishing boat at Little Georges Bank, remaining for three days until the boat docked at Vineyard Haven, Martha's Vineyard.

<u>Turkey Vulture:</u>			
9/8-13,16-23	Mt. Wachusett	max 7+, 2+	P.Roberts#
<u>Goshawk:</u>			
9/8,10/15	Essex, Salisbury	1 imm., 1	B.Rizzotti,R.Emery#
10/27	Ashburnham	3	P.Roberts#
<u>Sharp-shinned Hawk:</u>			
9/8,9,12,13,16,19,20,23	Mt.Wachusett	20,47,43,32,118,52,28,162	P.Roberts et al
9/8-30	Framingham	49 total	R.Forster
9/15,16	Harvard	89, 61	M.Sporer
9/15,16	Littleton	10, 39	J.Baird
9/27	Monomoy, Orleans	30, 14	C.Goodrich, P.Trull
10/8,14	W.Newbury, Littleton	14, 12	R.Heil#, J.Baird
10/15,27	Nantucket, Ashburnham	15, 10	R.Veit#, P.Roberts#
11/4	Rockport, Eastham	2, 2	C.Leahy#, SSBC
11/24	Wellfleet-Truro	4	B.Nikula#
<u>Cooper's Hawk:</u>			
9/1,4	Littleton, Framingham	1 imm., 1 imm.	J.Baird, R.Forster
9/8,9,11,15,19,20	Mt. Wachusett	1, 1, 1, 1, 1	P.Roberts et al
9/11,15	Millis, Harvard	1, 1	B.Cassie, M.Sporer
9/16	Harvard, N.Scituate	3, 1 imm.	M.Sporer, W.Petersen
9/27,29	Monomoy, Framingham	1, 1	C.Goodrich#, R.Forster
10/14	Mt.Wachusett, P.I.	2, 1	P.Roberts#, G.Gove
10/19,28	M.V.	1, 1	V.Laux#
11/10,16	Boston, Plymouth(MSSF)	1, 1 imm.	H.Wiggin#, B.Sorrie
<u>Red-tailed Hawk:</u>			
9/7-11,12-16,17-21,22-26	Mt.Wachusett	13, 16, 18, 7	P.Roberts et al
9/3,10/8	MNWS, W.Newbury	5, 3	BBC, M.Kasprzyk#
10/27,11/4	Ashburnham, Mt.Wachusett	11, 5	P.Roberts
<u>Red-shouldered Hawk:</u>			
8/21,23	WBWS, MNWS	1 imm., 1	R.Heil, E.Pyburn#
9/1, 15	Rowley, Harvard	1, 1	R.Emery#, M.Sporer
9/16,17	Eastham, Quincy	1 imm., 1	P.Trull#, B.Sorrie

9/8,9,11,16,23,24	Mt. Wachusett	2, 2, 1, 1, 1, 5	P. Roberts et al
10/14,27	Littleton, Ashburnham	1, <u>32</u>	J. Baird, P. Roberts#
11/4	Mt. Wachusett	1	P. Roberts
<b>Broad-winged Hawk:</b>			
9/8-30,15	Framingham	382, 310	R. Forster
9/8-13,14-19,20-25	Mt. Wachusett	4180, 1477, 833	P. Roberts et al
9/15,16	Harvard	647, 990	M. Sporer
9/15,16	Littleton	136, 1047	J. Baird
9/15	Sutton	200	fide S. Higginbotham
<b>Swainson's Hawk (excellent details):</b>			
9/15	Framingham	1 imm.	R. Forster
<b>Rough-legged Hawk:</b>			
10/7,19	Rowley, M.V.	1, 1	R. Alexander#, V. Laux
10/27,29	Mt. Wachusett, Nantucket	1 dark, 1 light	R. Force#, R. Veit#
11/4,17	Mt. Wachusett, Salisbury-P.I.	1 dk., 2(1 dk., 1 lt.)	P. Roberts#, R. Emery#
11/19,25	Saugus, Middleboro	1, 1	J. Berry, W. Petersen
<b>Golden Eagle:</b>			
9/14,19	Littleton, Mt. Wachusett	3(1 ad., 2 imm.), 1 imm.	J. Baird, P.R.+V. Pisano
10/29	Duxbury	1 adult	W. Kremers
<b>Bald Eagle:</b>			
9/2,16	P.I., Harvard	1 imm., 1 imm.	P. Roberts#, M. Sporer
9/12,19,20	Mt. Wachusett	1 imm., 1, 1 adult	P. Roberts
9/17,11/18	Norton, P.I.	1 ad., 1 imm.	J. Kricher, BBC
<b>Marsh Hawk:</b>			
8/thr.	7 locales	9 individuals	v.o.
9/1-3, thr.	Nantucket, P.I.	10, max 5(9/15)	BBC
9/8-12,13-18,19-24	Mt. Wachusett	7, 12, 7	P. Roberts et al
9/8-30,10/thr.	Framingham, Nantucket	8 total, max 10(10/15)	K. Hamilton#, M. Litchfield#
10/4-27,26	P.I., Millis	max 18(10/6), 1	BBC, B. Cassie
11/1-24,4	P.I., Mt. Wachusett	max 5(11/15), 1	O. Komar, P. Roberts#
<b>Osprey:</b>			
8/5,12-30	GMNWR, Naushon I.	1, 2	BBC, M. Martinek
9/8-13,14-19,20-25	Mt. Wachusett	71, 57, 30	P. Roberts et al
9/8-30	Framingham	max 3(9/15), 16 total	R. Forster
9/15,16	Harvard	8, 15	M. Sporer
9/16,10/8-22	Littleton, GMNWR	15, max 5(10/14)	J. Baird, Mr. Langer
10/13,14	Lynnfield, Framingham	4, 3	D. Walden, E. Morrier#
10/14,11/3	Mt. Wachusett, Groton	1, 1	P. Roberts, M. Eger#
11/4-11,9-10	GMNWR, Foxboro	1, 1	BBC, D. Clapp
11/9-20,16	Lynnfield, M.V.	max 2(11/9), 1	D. Walden, V. Laux
11/29	Saugus	1	J. Roderick
<b>Peregrine Falcon:</b>			
9/16-29,20	P.I., Plymouth Beach	max 2(9/26), 1	N. Clafin, MBO staff
9/23,27	Provincetown, Monomoy	1, 4	D. Stemple, W. Bailey
9/30	Essex, Great South Channel	1 ad., 1	B. Rizzotti, MBO staff
10/5,7,13,21,22	Manomet	singles	MBO staff
10/11,14	Gr.S. Channel, 20 m. W of Gr.S.Ch.	1, 1	MBO staff
10/thr.	P.I., -Salisbury	max 3(1 imm.f., 2 imm.m. 10/4)	P. Roberts et al
10/thr.	M.V.	12+	V. Laux
10/thr.	at sea	6 ind.	MBO staff
10/thr.	8 other locales	12+ ind.	v.o.
10/5-18	Nantucket	5-20	R. Veit#
10/7-20	Monomoy	max 6(10/18)	P. Trull#
10/3	Nantucket Shoals	1(b. in Greenland)	MBO staff
11/1,8	Nantucket, P.I.	1, 1	R. Veit#, H. Weissberg
11/10,11	Goucester, Barnstable(S.N.)	1, 1	H. Wiggin#, W. Petersen#
11/12,19	Ipswich, M.V.	1, 1	W. Petersen#, V. Laux
<b>Merlin:</b>			
9/thr.	outer Cape Cod, M.V.	10+ total, 12 total	v.o., V. Laux
9/8-29,16	P.I., Mt. Wachusett	max 3(9/16), 1	R. Forster, BBC
9/19,20	Framingham, Squantum	1, 1	R. Forster, S. Higginbotham
9/29,10/thr.	Framingham, M.V.	1, max 20+	R. Forster, V. Laux
10/thr.	outer Cape Cod, 7 locales	max 12+, 7 ind.	v.o.
10/2-29,4-13	Nantucket, P.I.	max 7(10/8), max 3(10/4)	R. Veit#, P. Roberts#
11/1-12,10-18	Nantucket, P.I.	1, max 2(11/10)	R. Veit#, BBC
11/11,24	Barnstable(S.N.), Chatham	1, 1	W. Petersen#, S. Zende#
<b>American Kestrel:</b>			
9/5,16	Framingham, Littleton	3, 4	R. Forster, J. Baird
9/15,16	Harvard	10, 5	M. Sporer

9/8-12,14-18,19-24	Mt.Wachusett	13, 14, 60	P.Roberts et al
10/5,8	Millis, W.Newbury	5, 16	B.Cassie, M.Kasprzyk#
10/14	Framingham, Littleton	4, 3	E.Morrier, J.Baird
11/4,4-27	Eastham-Truro,Salisbury-P.I.4, max 4(11/27)		SSBC,M.Kasprzyk#
<b>Ruffed Grouse:</b>			
9/9,18	Middleboro, Millis	5, 2	K.Anderson, B.Cassie
10/2-13,12	E.Middleboro, Sharon	max 4(10/13), 4	K.Anderson, D.Clapp
10/11-19,11/8	Millis, Middleboro	max 7(10/19), 5	B.Cassie, K.Anderson
11/9,18	Millis, IRWS	14, 1	B.Cassie, G.Soucy
11/25	Mansfield	2	J.Kricher
<b>Bobwhite:</b>			
8/18-30,9/23	P.I.	8 ad. w/16 yg., 12	G.Soucy#, R.Emery#
10/2, 7	Manomet, P.I.	8-11, 12	MBO staff, SSBC
11/17	P.I.	12	K.Blanchard
<b>Ring-necked Pheasant:</b>			
8/11	P.I.	20	BBC
<b>King Rail:</b>			
11/4	WBWS	1	C.Goodrich
<b>Clapper Rail:</b>			
8/19,24	Monomoy, WBWS	1, 1	BBC, R.Heil
9/4,7	Wellfleet, M.V.	2, 1	B.Nikula, V.Laux
9/8,11/4	Monomoy, Eastham	1 imm., 1	T.Raymond, SSBC
<b>Virginia Rail:</b>			
9/23,29	GMNWR, Plymouth	3, 2	M.Lynch, BBC
9/29,10/2	S.Georges Bank, MBO	1, 8-11	MBO staff
10/7,11/18	P.I., Nantucket	12, 8+	SSBC, R.Veit#
11/23	Harwich	5+	S.Zendeh#
<b>Sora:</b>			
9/23	GMNWR	1	M.Lynch
<b>Yellow Rail:</b>			
9/15 or 16	Barnstable (S.N.)	1	R.Pease
<b>Common Gallinule</b>			
8/11,19	P.I., GMNWR	6, 6	BBC
9/1-22,23	P.I., GMNWR	max 4(9/1), 3	BBC, M.Lynch
9/24,10/thr.	Nantucket	1, 1	W.Petersen,M.Litchfield#
10/18,11/thr.	Monomoy, Nantucket	2, 1	C.Goodrich, R.Veit#
11/10	GMNWR	2	BBC
<b>American Coot:</b>			
10/thr.,10/6-27	Nantucket, P.I.	max 165(10/28), max 80	M.Litchfield#, BBC
10/27,28	IRWS, Lakeville	50+, 200	J.Berry, SSBC
11/4-24,10	P.I., GMNWR	max 200(11/4), 40	BBC
11/11,15	Lakeville, Nantucket	100, max 215	BBC, R.Veit#
11/17,23	Braintree, Eastham	100, 90	S.Higginbotham#,S.Zendeh#



Peregrine Falcon on Boston's First National Bank Building  
 Photographed by Ted Raymond, October 4, 1979



SHOREBIRDS

Single late Piping Plovers were noted at Sandy Neck, Barnstable, Nov. 11, and Monomoy Nov. 18, the only Nov. reports in at least seven years. "Pipers" since 1973 have totaled 21 in Oct., 2 in Dec., and 1 in Jan. American Golden Plovers averaged a near normal fall though eight in Rowley Nov. 12 were many for such a late date.

For years the destination and roost of the daily evening flight of Whimbrel south past the Wellfleet Bay W.S. has been somewhat of a mystery. Pough, in his Audubon Water Bird Guide rightly accredits these curlews in migration of "gathering at night into large roosts on isolated marsh islands or sand bars." Apparently most, if not virtually all, outer cape Whimbrel make such an evening flight to a previously undetected Monomoy roost near Inward Pt. At dusk on Aug. 1 360+ Whimbrel, a count nearly double the previous state high, were seen flying in to roost there. A white-rumped "Eurasian Whimbrel" was noted at the WBWS Oct. 17.

An unseasonable Purple Sandpiper in Salem Aug. 20 and two in N. Scituate Sept. 8-16 were probably early migrants. The only Curlew Sandpiper of the fall and the entire year was an alternate plumaged adult on Nantucket Aug. 4-5. Shorebirds of typically western affinities showed only an average fall flight with about 14 Baird's, 12 Buff-breasted, and 23 Marbled Godwits noted. Exceptionally, Western Sandpipers totaled in excess of 130 individuals this fall compared to 47 in 1978 and 53 in 1977. In the New Is.-Nauset Bay, Eastham area daily maximums of 50-60 individuals, virtually all juveniles, were observed from late Aug. to mid-Sept. Surely, the Nauset area is the best locale in Massachusetts to view numbers of this incursion species in the fall. Stilt Sandpiper concentrations are highly dependent on the water levels in the fresh and brackish pools they seem to prefer. Such conditions prevailed, at least locally, at the Point Ponds, Monomoy where lots of exposed shoreline supported 86 stilts on Aug. 8. The same site on Aug. 25, with higher water levels, was free of Stilt Sandpipers entirely. A flock of grounded migrant shorebirds observed in a Rowley cornfield during the northeasterly storm of Nov. 12 included 8 Golden Plovers, 2 Lesser Yellowlegs, 12 Pectoral Sandpipers, 12 White-rumped Sandpipers, and an incredible 4 Stilt Sandpipers, the latter apparently the latest recorded occurrence in Massachusetts. The Bar-tailed Godwit from July continued on Monomoy until at least Aug. 26, while an alternate plumaged individual was reported from P.I. Aug. 7-10. Two American Avocets were recorded this fall, from the P.I. area in early Sept., and from Chatham for one day only on Oct. 27.

American Oystercatcher:

8/thr.,9/7	Monomoy	max 20(incl.6 fledged yg), 11	B.Nikula#,W.Bailey#
9/1-8,24	Nantucket	14, 3	BBC, W.Petersen
10/6,5-7	Chatham,Nantucket	14, 1	H.D'Entremont,R.Veit#

Semipalmated Plover:

8/5,10	Scituate, Monomoy	325, 225	W.Petersen,R.Stymeist#
8/11,31	P.I., Nauset Bay	300, 425	R.Stymeist, R.Heil
9/8,29	Winthrop, GMNWR	50, 3	S.Zendeh, R.Walton
11/12,16	Rowley, P.I.	1, 1	W.Petersen#, T.French
11/18	P.I.basin	2 juvs.	R.Heil

Piping Plover:

8/5,10	Scituate, Monomoy	6, 10	SSBC, R.Stymeist
9/1,9; 16	P.I.,Ipswich; Plymouth	1, 3, 1	BBC; W.Petersen
11/11,18	Barnstable(SN), Monomoy	1 juv., 1	B.Sorrie#, P.Trull

Killdeer:

8/5, 25	Newburyport	62, 84	R.Stymeist#
9/14,16	Spencer, South Shore	20 66	D.Crompton, SSBC
10/18	Katama-M.V.,E.Middleboro	120, 75+	V.Laux, K.Anderson
10/6,29	Salisbury, Nantucket	47, 35	BBC, R.Veit
11/6,25	Rowley, E.Boston	30-40, 12	D.Alexander,R.Stymeist#

American Golden Plover:

8/19-31,21	M.V., Monomoy	max 16, 2	V.Laux, B.Nikula#
8/25-31	3 other locales	singles	v.o.
9/thr.	M.V., Monomoy	max 15,max 10(27th)	V.Laux, C.Goodrich#
9/22,29	Nantucket, P.I.	18, 10	W.Petersen#,P.Roberts#
9/9-28	4 other locales	20 inds.	v.o.
10/thr.	M.V., Nantucket	max 15, max 11	V.Laux, R.Veit#
10/12-21	3 other locales	singles	v.o.
11/4	Newburyport,P.I.basin	1 juv., 1 juv.	D.Finch, R.Heil
11/12	M.V., Rowley	3, 8	V.Laux,W.Petersen#

Black-bellied Plover:

8/25,31	P.I., Nauset Bay	600, 850+	R.Stymeist#, R.Heil
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9/1,15	Newburyport, Monomoy	850, 2500	R.Stymeist#, P.Trull
10/7,27	Monomoy, Winthrop	1100, 200	W.Petersen, S.Zendeh
11/4,23	Newburyport, Duxbury	225, 150	R.Heil, W.Petersen
<b>Ruddy Turnstone:</b>			
8/11,27	P.I., Winthrop	42, 130	R.Stymeist, S.Zendeh
9/2,20-22	Marblehead, Lovell's Is.	41, 35	R. Stymeist, J.Grugan
11/10	Nahant, Winthrop	25, 30	S.Zendeh
11/24	Winthrop, Wellfleet	5, 2	S.Zendeh, B.Nikula#
<b>American Woodcock:</b>			
10/3	Nantucket	5	R.Veit&M.Litchfield
11/2,9	Sharon, Nantucket	2, 2	D.Clapp, R.Veit
11/24,25	WBWS, Ipswich	3-4, 1	B.Nikula#, J.Berry
<b>Common Snipe:</b>			
8/10,19	E.Middleboro, GMNWR	2, 1	K.Anderson, BBC
10/11,22	Nantucket, GMNWR	25+, 6	R.Veit#, S.Read
11/4, 12	Truro, Rowley	5, 12	R.Stymeist#, W.Petersen#
<b>Whimbrel:</b>			
8/1	Monomoy	360+	R.Heil, B.Nikula
8/21,25	Annisquam, P.I.	2, 11	H.Wiggin, D.Clapp#
9/thr.,26	M.V., Salisbury	max 20, 14	V.Laux, W.Petersen
10/2,7	M.V., Monomoy	15, 2	V.Laux, W.Petersen
10/8,20	Salisbury, Nantucket	2, 1	R.Heil, R.Veit#
10/17	WBWS	1 "Eurasian Whimbrel"	W.Bailey
<b>Upland Sandpiper:</b>			
8/18	Newburyport, P.I.	5 residents, 4	R.Forster, BBC
9/1,4	P'town, E.Orleans	2, 3	R.Heil#, P.Trull
9/1-23	M.V.	max 5	V.Laux
<b>Spotted Sandpiper:</b>			
8/4,9	GMNWR, Woburn	6, 10	BBC, G.Gove
9/1-3,8	Nantucket, N.Truro	5, 2	BBC, K.Anderson
9/9,22	Scituate, Manchester	2, 1	SSBC, G.Hotz
10/6,11	Chatham, S.Peabody	1, 1	O.Komar#, R.Heil
<b>Solitary Sandpiper:</b>			
8/4,9	GMNWR, Woburn	2, 8	R.Stymeist#, G.Gove
8/13,9/1	Truro, Marion	3, 3	R.Stymeist#, G.Mock
9/1-3,15-16	Nantucket, Truro	5, 4	BBC, J.Grugan
10/17-18, 21	S.Peabody, Truro	1, 1	R.Heil, W.Petersen#
<b>Willet:</b>			
8/thr.,16	Monomoy, E.Boston	max 20, 2	v.o., S.Zendeh
9/9,16	P.I., Duxbury	5 western, 5	R.Heil, W.Petersen
9/23,10/24	Westport, Plymouth	1, 1 western	BBC, B.Sorrie
<b>Greater Yellowlegs:</b>			
8/4,14	E.Middleboro, WBWS	15, 76	K.Anderson, D.Clapp
8/17,31	E.Boston, Nauset Bay	100+, 150+	S.Zendeh, R.Heil
11/4	Chatham, Newburyport	60, 150	R.Emery#, R.Heil#
11/18,25	Newburyport, E.Boston	5, 3	R.Heil, R.Stymeist
<b>Lesser Yellowlegs:</b>			
8/4,13	E.Middleboro, Newburyport	40, 600	K.Anderson, B.Cassie
9/1,8	E.Boston, Eastham	20, 7	S.Zendeh, K.Anderson
9/21,29	Medfield, GMNWR	11, 3	R.Forster
10/8-23,27	4 locales, Nauset Bay	5 inds., 12	v.o., B. Nikula#
11/4,6	Newburyport, S.Peabody	6, 1	R.Heil, M.Kasprzyk
11/12	Rowley	2	W.Petersen#
<b>Red Knot:</b>			
8/3,5	New Is.-Nauset, Scituate	1100, 1300	R.Heil, W.Petersen
9/8,9	Scituate, P.I.	75, 150	W.Petersen, R.Heil
10/20,11/11	Monomoy, P.I.	160, 75	B.Nikula, J.Grugan
<b>Purple Sandpiper:</b>			
8/20,9/8-16	Salem, N.Scituate	1, 2-1	P.Alden, W.Petersen&B.Sorrie
10/28	Monomoy	1	P.Trull & I.Nisbet
11/4,25	N.Scituate, Winthrop	200, 300+	S.Higginbotham, S.Zendeh
<b>Pectoral Sandpiper:</b>			
8/19,25	Monomoy, Newburyport	6, 14	BBC, R.Stymeist#
9/27,29	Monomoy, GMNWR	175+, 11	B.Nikula#, R.Forster#
10/11,11/12	Nantucket, Rowley	40, 12	R.Veit#, W.Petersen#
11/4	Nantucket, GMNWR	7, 8	R.Veit#, BBC
11/21,25	Truro, E.Boston	1, 1	R.Emery#, R.Stymeist#
<b>White-rumped Sandpiper:</b>			
8/18,25	P.I., Plymouth	6, 4	BBC

.9/1	Nauset Bay	10	R.Heil
9/9,10/21	P.I.	25, 3	R.Heil
11/1,12	New Is.-Nauset, Rowley	40, 12	B.Nikula,W.Petersen#
11/23,24	Duxbury, P.I.	1, 3	W.Petersen
<b>Baird's Sandpiper:</b>			
8/10,14-19	Chatham, P.I.	1, 2	B.Nikula,L.Jodrey#
8/15-16,17	M.V., Newburyport	1, 1	V.Laux, R.Emery#
9/8	Monomoy, P'town	1, 1	W.Bailey#,B.Nikula#
9/6-7,9	M.V., Scituate	1, 1	V.Laux, W.Petersen
9/16,27	P.I., Monomoy	1, 1	R.Forster,W.Bailey
9/28	Salisbury	3 juvs.	R.Heil & M.Kasprzyk
<b>Least Sandpiper:</b>			
8/7,26	E.Middleboro, Monomoy	15, 350	K.Anderson,R.Heil
9/8,29	Scituate, GMNWR	65, 3	W.Petersen,R.Forster
10/14	Eastham	1	BBC (H.D'Entremont)
<b>Curlew Sandpiper:</b>			
8/4-5	Quidnet-Nantucket	1 ad.	K.Harte + v.o.
<b>Dunlin:</b>			
8/5,19	Monomoy	2, 1	R.Heil#, BBC
9/29,10/31	GMNWR, S.Peabody	1, 1	R.Forster#,M.Kasprzyk
10/7,27	Monomoy, Winthrop	1000+, 2000+	W.Petersen,S.Zendeh
11/4,18	Newburyport	2500, 600	R.Heil
11/23,25	Duxbury,Winthrop	2000+, 800	W.Petersen,S.Zendeh
<b>Short-billed Dowitcher:</b>			
8/3,5	E.Boston, Monomoy	650+, 1000	S.Zendeh, R.Heil
9/8,28	Scituate, Salisbury	100, 30	W.Petersen, R.Heil
10/27	WBWS	2 calling	R.Heil & B.Nikula
<b>Long-billed Dowitcher:</b>			
8/11,24	P.I., E.Boston	5 ads., 4	R.Heil, S.Zendeh
9/4,9	P.I.	35(34ads., 1juv.), 50	R.Heil
9/24,27	E.Boston, Monomoy	2, 4	S.Zendeh,C.Goodrich#
10/13,23	Newburyport, E.Boston	45, 3	R.Heil#, S.Zendeh
11/18,25	Newburyport-P.I.,E.Boston	8, 2	R.Heil, R.Stymeist#
<b>dowitcher sp.:</b>			
11/4	Eastham	4	W.Petersen
<b>Stilt Sandpiper:</b>			
8/3,8	Nantucket,Monomoy(S.end)	19, 86	K.Harte, W.Bailey
8/25	Rowley, P.I.	12, 24	R.Stymeist#,R.Forster
8/31,9/4	Nauset Bay, P.I.	10, 32	R.Heil
9/8,23	Scituate, GMNWR	2, 1	S.&R.Higginbotham, M.Lynch
10/17,11/12	M.V., Rowley	1, 4	V.Laux,W.Petersen&B.Sorrie
<b>Semipalmated Sandpiper:</b>			
8/5,13	Scituate, P.I.	1650, 3000	W.Petersen, B.Cassie
8/26,31	Monomoy,New Is.-Nauset	3800, 1500	R.Heil
9/9	Ipswich	600	J.Berry
10/23,24	Revere, Marshfield	50, 40	S.Zendeh,B.Sorrie
11/3,24	P.I.	4, 1	BBC, W.Petersen
<b>Western Sandpiper:</b>			
8/11,13	P.I.	1, 1	T.Martin,B.Cassie
8/22,25	Nauset Bay,New Is.-Nauset	50+, 60+	R.Heil,R.Heil & B.Nikula
9/1,11	Nauset Bay	30, 50	R.Heil, B.Nikula
9/4,8	P.I., Monomoy	2, 1	R.Heil, W.Bailey
9/9,16	Scituate, Plymouth	4, 2	W.Petersen
10/8,11/24	Newburyport, WBWS	2, 1	R.Heil#
11/18,23	Duxbury	1, 2	W.Petersen
<b>sm. Calidris sp.:</b>			
11/18	P.I.	1	R.Heil & M.Kasprzyk
<b>Buff-breasted Sandpiper:</b>			
8/11,31	P.I., M.V.	1, 1	R.Heil#, V.Laux
9/1-3,4	Nantucket, Plum Bush	1, 1	BBC, R.Heil
9/6-22,8-27	M.V., Monomoy	1-2,max 5 (9/27)	V.Laux, W.Bailey#
9/9	Scituate	1	W.Petersen
<b>Marbled Godwit:</b>			
8/5 on,16	Monomoy, Plymouth	1-2, 1	v.o.,B.Harrington
8/17-9/1,8/18-19	E.Boston, Duxbury	1, 1	S.Zendeh, R.Walton
9/8,8-27	Nauset, Monomoy	2, 5	P.Trull#,B.Nikula#
9/23,10/7	Westport, Monomoy	5, 6	BBC, W.Petersen#
11/18	Monomoy	5	P.Trull & B.Nikula

<u>Bar-tailed Godwit:</u>			
8/thr (from July), 8/7-10	Monomoy, P.I.	1 basic, 1 alt	B. Nikula et al, H. Wiggin#
Hudsonian Godwit:			
8/8, 11	Monomoy, P.I.	152, 46	W. Bailey#, R. Stymeist#
8/26, 27	S. Dartmouth, E. Boston	3, 27	T. Raymond, S. ZendeH
9/2, 1-27	P.I., Monomoy	9, max 10	P. Roberts#, B. Nikula
10/16, 28	Truro, Newburyport	2, 1	B. Nikula, G. Soucy
11/10, 18	E. Boston, Newburyport	1, 1	S. ZendeH, R. Heil
Ruff:			
8/14	P.I.	1	P. Miliotis
Sanderling:			
8/1, 25	Revere, Plymouth	400, 400	BBC
9/3, 14	Marblehead, Revere	150, 300	BBC, S. ZendeH
11/25	Winthrop	300+	R. Stymeist
<u>American Avocet:</u>			
8/30-early Sept.	Newburyport-P.I.	1	S. Garrett et al
10/27	Chatham	1	R. Heil, B. Nikula#
Red Phalarope:			
9/15	Stellwagen Bank, S. of M.V.	2, 8	D. Brown, R. Veit
11/23	35 miles S. of M.V.	43	MBO staff
Wilson's Phalarope			
8/thr, 1-26	5 locales, 3 Cape Cod locales	7-8, 5-6	v.o.
9/1, 15	Nauset, P.I.	1, 1	B. Nikula, BBC
Northern Phalarope:			
8/15, 26	P.I., Stellwagen Bank	1, 48	BBC
9/7	Rockport, First Enc.-Eastham	40, 12	C. Leahy, B. Nikula#
9/15, 11/4	Stellwagen Bank, Eastham	12, 1	D. Brown, B. Nikula

#### JAEGERS THROUGH ALCIDS

Continued study by MBO cruises beyond the scope of one-day boat trips has further substantiated the present regularity of skuas on our offshore fishing banks. Of some ten skuas encountered in the Cultivator Shoals-W. Georges Bank area Sept. 12-16, one was identified as a South Polar Skua on the basis of a "marked contrast between the lighter uniformly brownish-tan underparts and darker upperparts with no discernible spotting or streaking and by the presence of a prominent yellowish-tan nape patch." The remaining nine skuas were not specifically identified being either darkish, distant, or seen under poor viewing conditions. Seven skua sp. were noted on Nantucket Shoals where two Great Skuas were identified Nov. 20-30. These individuals "displayed the conspicuous whitish tips to mantle feathers, nape, and scapulars characteristic of the species." It may well be that the South Polar Skua predominates in the summer months and the Great Skua in the winter, but only through continued study and collecting will the necessary proof be obtained.

A first winter Lesser Black-backed Gull, a plumage considered difficult to identify in life, at best, was apparently carefully examined feeding from astern a trawler 20 miles south of Nantucket Nov. 30. It was separated from similarly aged Herring Gull by the "more solidly chocolate brown remiges and greater secondary and primary coverts, the more sharply delineated subterminal tail band, and by the comparatively slender properties." Forster's Terns staged a flight of unprecedented magnitude throughout eastern Massachusetts beginning in late July and continuing into Nov. A count of 200+ at the WBWS Oct. 27, easily a state high, was considered late for such a concentration. The origin of fall Forster's is speculative. Did this flight involve populations from the interior or from south coastal regions or both?

The event of the season was the Sooty Tern "fallout" in the wake of Hurricane David, Sept. 6-9: 85+ individuals were noted (more than 80% ads.) mostly from Cape Ann, Cape Cod and the islands. Three were found far inland, including an adult being pursued by a Pomarine Jaeger at Lake Quabog, E. Brookfield! The flocks departed almost as quickly as they arrived with only casualties remaining after the 9th. The appearance of Sooty Terns in the past has also been strictly due to hurricanes such as in 1960 when 40 were seen after Hurricane Donna. Lacking waterproof feathers, Sooty Terns are unable to rest on the water making them much more susceptible to being wind driven when feeding far at sea as this species characteristically does. A Bridled Tern in adult or near adult plumage was encountered flying past Sandy Neck, Barnstable with Common Terns during the northeaster' of Aug. 12. The most recent state record was on Aug. 30, 1975, at First Encounter Beach, Eastham. All the Bridled Tern records are within the period of Aug. 12 - Sept. 16, the season when these terns typically reach peak numbers in the Gulf Stream off Hatteras, N.C. A Sandwich Tern on the

Nantucket Jetty Oct. 2 was a late record. Black Terns, like Forster's, staged an excellent flight with small numbers remaining very late into Oct.

<b>Pomarine Jaeger:</b>			
8/12,13	S.N., Eastham (First Enc.)	1, 2	R.Heil#, B.Nikula#
9/11-17,27	W.Georges Bank,Nantucket Shoals	53(3 dk.), 6	R.Heil
9/7,15	Eastham (First Enc.), Stellwagen	2, 8-9	B.Nikula#, D.Brown#
9/6	<u>L.Quabog-E.Brookfield</u>	1	B.Blodget
10/6,18	Stellwagen Bank, Nantucket	1, 1	W.Petersen#, R.Veit
11/4,14-15	First Enc.-Eastham	2, 2-3	R.Stymeist#,B.Nikula#
11/20-30,26	Nantucket Shoals, Nauset	38 (2 dk.); 1	R.Veit, W.Russell#
<b>Parasitic Jaeger:</b>			
8/12,13	S.N., Eastham (First Enc.)	20, 25+	R.Pease#, B.Nikula#
9/11-17,27	W.Georges Bank,Nantucket Shoals	8, 16	R.Heil
9/23,10/3-4	P'town, Nantucket	60, 3	B.Nikula, R.Veit#
10/6	Stellwagen Bank, P'town	4-5, 10	W.Petersen#,H.D'Entremont
11/11,14	S.N., Eastham	1, 1	B.Sorrie#,W.Bailey
<b>jaeger sp.</b>			
11/4,12	First Enc.-Eastham	2-4, 10	B.Nikula#, C.Goodrich
<b>Great Skua:</b>			
11/21,25	Nantucket Shoals, E.of Nantucket Shoals	1, 1	R.Veit
<b>South Polar Skua:</b>			
9/15	NW edge of Georges Bank	1	R.Heil
<b>skua sp.</b>			
8/26,9/15	Stellwagen Bank	1, 2	BBC, D.Brown#
9/12-16	Cultivator Shoals-W.Georges Bank	9	R.Heil
11/20-30	Nantucket Shoals	7	R.Veit
<b>Glaucous Gull:</b>			
11/14,30	Nantucket, W. of Nantucket Shoals	1-2nd w,2 ads.	R.Veit
<b>Iceland Gull:</b>			
10/11	Salisbury	2	D.Alexander#
11/14,18	Nantucket, P.I.	1 ad., 1	R.Veit, P.Roberts
<b>Lesser Black-backed Gull:</b>			
10/4-18	Eel Pt.-Nantucket	1-2nd summer	R.Veit & M.Litchfield
11/30	20 miles S. of Nantucket	1-1st winter	R.Veit
<b>Ring-billed Gull:</b>			
9/1	Nauset Bay	450	B.Nikula
11/thr,11	Nantucket, Bridgewater	6-10, 400	R.Veit, BBC
<b>Black-headed Gull:</b>			
8/25,26	E.Boston, Lynn	1, 1 ad.	BBC
9/7,12	Squantum, Manomet	1, 1	S.Higginbotham,J.Shipman
10/8,23 on	Wollaston, E.Boston	1, max 4	R.Campbell, S.Zendeh
10/28,11/25	M.V., E.Boston	1, 1	V.Laux, R.Stymeist
11/3,18	Flax Pd-Lynn,Newburyport	1 sub-ad, 1 sub-ad.	R.Heil#
<b>Laughing Gull:</b>			
8/21,9/7	Winthrop,Squantum	85, 70	S.Zendeh,S.Higginbotham
10/7,28	Newburyport,Mememsha-M.V.	20, 2500+	SSBC, V.Laux#
11/10,11	Winthrop, Wollaston	46, 30+	S.Zendeh#
11/12,28	Rockport, Squantum	3 ads, 1	R.Heil,S.Higginbotham
<b>Bonaparte's Gull:</b>			
8/12,9/14	Revere, Nahant	300, 450	BBC, S.Zendeh
9/29,10/8	Newburyport, Revere	75, 500+	G.Soucy,S.Zendeh
11/15,27	Nantucket, Newburyport	450, 400+	R.Veit, M.Kasprzyk
<b>Little Gull:</b>			
8/4-11	Newburyport	max 3 (2ads.1 imm.)	R.Stymeist
9/22-29	Newburyport	max 5 (2ads.3 imms.)	G.Soucy et al
10/14,11/3-25	Newburyport	2 ads, 1 ad. 1 imm.)	D.Alexander,R.Heil#
11/11-16;11,17	Nantucket; Rockport (A.P.)	1 ad.; 1 ad.	R.Veit#; R.Heil
<b>Sabine's Gull:</b>			
8/13,9/7	First Enc.-Eastham	1 ad., 1 ad.	C.Goodrich#,W.Bailey#
9/15,16	P'town, Stellwagen Bank	1 near ad., 1 ad.	B.Nikula#,D.Brown#
10/6	Stellwagen Bank	1	R.Heil,W.Petersen#
<b>Black-legged Kittiwake:</b>			
8/12,8/thr.	Rockport, Monomoy	1,1-3	C.Leahy,R.Heil#
9/13	Stellwagen Bank	1 ad., 4 imms.	B.Sorrie
11/3,12	Rockport (A.P.)	80+, 86	R.Heil
11/25	Nauset, P'town (R.Pt.)	500, 1500+	W.Petersen,R.Heil#
<b>Gull-billed Tern:</b>			
9/8-22	Salisbury-Newburyport	1	J.Horowitz + v.o.

<b>Forster's Tern:</b>			
8/8,18	Monomoy, P.I.	+8, 7	W.Bailey, R.Forster
8/22,31	Nauset Bay-Eastham	15, 35+	R.Heil & B. Nikula
9/1-23,7	Nauset Bay, Monomoy	max 40, 40	R.Heil#, C.Goodrich#
9/8,16-28	Wellfleet,Newburyport-P.I.	11, 20	R.Stymeist#,R.Forster#
10/7,21	Newburyport, Ipswich	12,8	SSBC, C.Leahy
10/27	WBWS, S.Wellfleet	200+	R.Heil, B.Nikula, P.Trull
11/10,24,28	WBWS	25, 12, 4	B.Nikula#
11/11,15	Salisbury, Nantucket	3, 1	J.Grugan, R.Veit
<b>Common Tern:</b>			
9/15	Eastham,Stellwagen,P'town	4000, 7000, 1500	D.Brown#,B.Nikula,H.Wiggin
10/6,21	Stellwagen Bank, Nantucket	2000, 2200	R.Heil, R.Veit#
11/11,15	Salisbury, Nantucket	3, 1	J.Grugan, R.Veit
11/10,24,28	Wellfleet	25, 12, 4	B.Nikula#
<b>Roseate Tern:</b>			
8/18	P.I.	40	BBC
9/1-3,9	Nantucket, Ipswich	6, 1	BBC
9/15	Stellwagen Bank, Nauset	3, 1	D.Brown#,H.Coolidge#
10/5	Nantucket	1	R.Veit & M.Litchfield
<b>Sooty Tern:</b>			
9/6	Holyoke, Wareham	1, 4	R.Stone,M.DeGregorio
9/6,6-7	E.Brookfield, Cape Ann	1, 9+	B.Blodget, C.Leahy#
9/6-7,7	Nantucket, Quabbin	19+, 1 dead	E.Andrews#,J.LaMontagne
9/7	Plymouth, Spencer	1, 1 dead	fide W.Petersen,R.Jenks
9/7-8,7-9	M.V., Cape Cod	7,30+	V.Laux#,B.Nikula+v.o.
9/8	Penikese I., Lakeville	7, 3	C.Sutherland,K.Anderson
10/7,21	Monomoy, Gloucester	1 dead, 1 dead	W.Petersen#,R.Heil#
10/27	Pocasset	1 dead	P.Hallowell
<b>Bridled Tern:</b>			
8/12	Sandy Neck-Barnstable	1 ad. or near ad. plum.	R.Heil
<b>Least Tern:</b>			
9/1-3,9	Nantucket, Wellfleet	30, 6	BBC, R.Stymeist#
9/8, 15	Scituate, Eastham	1, 2	W.Petersen#
<b>Royal Tern:</b>			
8/1,3	Revere, Oak Bluffs-M.V.	1, 1	L.Crofoot, K.Harte
8/8,13	Monomoy, S.N.	1, 1	W.Bailey, R.Veit
8/22,30	Eastham, P.I.	4, 1	C.Goodrich, J.Nove
9/7-11	M.V.	1	V.Laux
11/25-26,27	Nauset,First Enc.-Eastham	1, 1	W.Russell & D.Finch
<b>Sandwich Tern:</b>			
10/2	Nantucket	1 basic ad.	R.Veit & M.Litchfield
<b>Caspian Tern:</b>			
8/14,9/24	P.I., M.V.	1, 2	E.Pyburn#, V.Laux
10/14	P.I.	2	H.Weissberg#
<b>Black Tern:</b>			
8/4,thr.	P.I., 4 locales	3, 5 inds.	G.Gove#, v.o.
8/thr.	Monomoy	max 20 (8/31)	R.Heil, B.Nikula#
9/1,2	P.I., Mattapoisett	3, 40	BBC, G.Mock
9/1-3,22	Nantucket	35, 10	W.Petersen#
9/7,27	Monomoy	40, 10	C.Goodrich#
9/15,10/18	Stellwagen Bank, Monomoy	21, 2	D.Brown#,C.Goodrich
10/7,20	Nantucket	5, 1	R.Veit & M.Litchfield
<b>Black Skimmer:</b>			
8/4,8	Plymouth, Monomoy	3 ads., 1 imm.	P.Trull#, W.Bailey
9/6	Wareham	2	M.DeGregorio
<b>Razorbill:</b>			
11/3,11,12,17	Rockport (A.P.)	2,10,12,5 all migrating	R.Heil
11/15,25	Eastham, P'town	10,10+	B.Nikula & P.Trull
<b>Thick-billed Murre:</b>			
11/4 on,11	P.I., S.N.	max 9(11/18), 3	P.Roberts#,W.Petersen#
11/17,25	Rockport,P'town	1, 1	M.Kasprzyk, R.Heil
11/19	Manomet Pt.	5	MBO staff
<b>Large alcid sp.:</b>			
10/21	Rockport (A.P.)	1	R.Heil
<b>Dovekie:</b>			
11/7;11/9,12	Scusset; Lanesville, A.P.	1; 2, 7	MBO staff;H.Weissberg,G.Soucy#
<b>Black Guillemot:</b>			
10/28,11/12	Annisquam, P.I.	1, 6	L.Taylor,J.Nove
11/14 on,30	Rockport, N.Scituate	2+, 2	R.Heil, M.Litchfield
<b>Common Puffin:</b>			
10/6;11/24-29	Stellwagen Bank;Nantucket Shoals	1 imm;3	W.Petersen,R.Heil#;MBO staff

DOVES THROUGH WOODPECKERS

Following relatively weak September showings, numbers of both cuckoos exploded during Oct. when some 55 Yellow-billed and 32 Black-billed were reported, mostly from the cape and islands. A late flight of Common Nighthawks involving eight birds Oct. 21-22 was without precedence. These included a flock of six moving south on Oct. 22 over Nauset Harbor and a single at Brewster and a migrant over Dorchester the previous evening.

Perhaps the most interesting discovery of the fall was the postmortem identification of a female, immature plumaged Black-chinned Hummingbird that had been frequenting a Cohasset greenhouse Nov. 25 - early Dec. It should be noted, however, that this identification is tentative pending confirmation by a west coast authority. Black-chinned Hummingbirds occur with regularity in winter along the Gulf Coast from Louisiana to Florida. There is one record for the Northeast of a bird near Antigonish, N.S., May 30, 1964. If it need be said, no longer can all eastern hummingbirds, especially late fall sightings, be categorically labelled as Ruby-throateds.

Mourning Dove:			
8/13,9/27	P.I., Millis	60, 245	B.Cassie
10/11	Nantucket	300+	R.Veit#
Yellow-billed Cuckoo:			
8/1-27	5 locales	6	v.o.
9/2,9	MNWS, Scituate	1, 1	BBC, SSBC
9/16,22	Gloucester, P.I.	1, 1	BBC
10/1-26,7-29	11 locales, Nantucket	13, max 12	v.o., R.Veit & M.Litchfield
10/thr.	Cape Cod & M.V.	30+	fide B.Nikula
Black-billed Cuckoo:			
8/5-27	7 locales	13	v.o.
9/3,8	MNWS, N.Scituate	1, 1	BBC, G.Wilson
9/16	P'town, Gloucester	1, 1	D.Brown, BBC
10/thr.	Cape Cod and islands	25	v.o.
10/2-11,13	4 N.Shore locales, Manomet	6, 1	v.o., SSBC
Barn Owl:			
9/16,10/18	Long I.-Boston, Monomoy	1, 1	R.Stymeist, C.Goodrich#
Screech Owl:			
9/thr.	6 locales	7	v.o.
10/27	Newburyport, Lincoln	2, 2	R.Stymeist#
10/28	M.V.	6	V.Laux#
Great Horned Owl:			
8/7	Westwood	2	J.Clancy
10/20,31	Gloucester, Brookline	1, 1	R.Stymeist, H.Coolidge
Snowy Owl:			
11/18-23	Duxbury Beach	1	B.Sorrie#
11/20,30	Manomet, Quincy Bay	1, 1	MBO staff, D.Brown
Barred Owl:			
10/31	Boston (on 5th floor ledge of building)	1	J.Holt
Long-eared Owl:			
10/13,28	Nantucket, Monomoy	1, 1	R.Stymeist#, C.Goodrich#
10/28,11/24	M.V., P.I.	4, 1	V.Laux & R.Heil#, G.d'Entremont
Short-eared Owl:			
8/thr., 9/8	Monomoy	max 4, 12	BBC, W.Bailey
9/1-3,30	Nantucket, Pocasset	1, 1	BBC, P.Hallowell
10/21,29	P.I., Nantucket	1, max 3	I.Giriunas#, R.Veit#
11/4,7	Salisbury, Marshfield	1, 1	B.Cassie, B.Sorrie
11/9,12	Nantucket, M.V.	3, 1	R.Veit, V.Laux
11/18,30	Duxbury, Squantum	1, 1	W.Petersen, D.Brown
Saw-whet Owl:			
10/21,15	Orleans (Pochet), Millis	1, 1	W.Petersen, B.Cassie
10/29,11/4-17	Kingston, P.I.	1, 1	K.Anderson, v.o.
11/2,4	Nantucket (separate locales)	3, 2	R.Veit
Whip-poor-will:			
9/4-8,21	E.Middleboro, Lovell's I.	1, 1	K.Anderson, J.Grugan
Common Nighthawk:			
8/20,22	Framingham, Brookline	150+, 11	J.Luck, R.Stymeist
8/28	Charlton	400	R.Kitchin
9/4	E.Middleboro, Allston-Brookline	8, 67	K.Anderson, R.Stymeist
9/15,29	Essex	2, 5	B.Rizzotti



<u>10/21</u>	Dorchester	1	P.O'Keefe
<u>10/22</u>	Brewster, Eastham	1, 6	P.Trull, B.Nikula#
Chimney Swift:			
9/22,23	Newburyport, Mt.Wachusett	1, 50+	BBC, P.Roberts#
10/11	Nantucket	1	R.Veit & M.Litchfield
hummingbird sp.			
11/4	Rowley	1 basic	C.Putnam
Ruby-throated Hummingbird:			
8/18,19	P.I., GMNWR	1, 1	BBC
9/19,28	Framingham, Waltham	4, 2	R.Forster, J.Luck
Black-chinned Hummingbird:			
11/25	Cohasset	1 basic	G.Pride, W.Petersen, B.Sorrie#
Belted Kingfisher:			
9/15,16	P.I., S.Shore	6, 66	BBC, SSBC round-up
Common Flicker:			
10/11,11/1	Nantucket	98+, 45	R.Veit & M.Litchfield
Pileated Woodpecker:			
10/5,11/15	Acton, Norton	1, 1	P.Resor, J.Kucher
11/24-25,25	Groton, Rutland	1, 1	M.Eger, M.Lynch
Red-bellied Woodpecker:			
10/5-27,9-12	Nantucket, M.V.	1-2, max 3	R.Veit#, fide V.Laux
10/19-21,29-31	Brewster, Middleboro	1, 1	R.Pyle#, K.Anderson
Red-headed Woodpecker:			
9/2,4	IRWS, M.V.	1 imm., 1	BBC, V.Laux
9/16,10/1	Nantucket, P.I.	1, 1 imm.	E.Andrews, H.Weissberg
10/13-16,26	Nantucket, Beverly	3 imms., 1 imm.	R.Veit#, G.Soucy
Yellow-bellied Sapsucker:			
9/9 on	5 locales	8+ inds.	v.o.
10/thr.,11	8 locales, Nantucket	10, 11	v.o., R.Veit#
10/9,21	P.I., Boston	3, 2	R.Stymeist, J.Grugan
11/7	WBWS, Millis	1, 1	P.Bailey, B.Cassie

#### KINGBIRDS THROUGH WRENS

It was an excellent fall for Western Kingbirds with 30 individuals reported Sept. 1 - Nov. 25. Compare fall totals (Aug. - Nov.) since 1975: 8, 4, 14, 18. Three inland sightings were unusual, this species being very rare away from the coast. A Say's Phoebe at P.I. Sept. 8 apparently did not linger. Observers will recall the Oct.1977 "eruption" when four were located during that month. One of many "blow-backs" during the continuous S-SW airflow of late Nov. was a Bank Swallow at Manomet Nov. 30. Griscom (Birds of Mass., 1955) cites a Nov. 29, 1953 record from M.V. immediately following a violent southerly storm. A Short-billed Marsh Wren in Framingham Sept. 8-23 was one of few valid fall sightings in recent years.

Eastern Kingbird:			
8/11,18	P.I.	50, 60	R.Stymeist#, BBC
8/26	Eastham (F.H.)	30	R.Heil
9/23	P.I., Essex	3, 2	R.Stymeist, BBC
10/14	Cambridge, Nantucket	1, 1	J.Barton, R.Veit
Western Kingbird:			
9/1	Truro, Cohasset	1, 1	R.Heil#, Bemis
9/2,3	P.I., WBWS	1, 2	I.Giriunas, W.Bailey
9/4,8-9	Chatham, Scituate	1, 1	B.Nikula, W.Petersen
9/16,17	Truro, Framingham	1, 1	D.Brown, R.Forster
9/23,25	Spencer, M.V.	1, 1	B.Blodget, V.Laux
9/29,10/5	Monomoy, P'town	1, 1	B.Nikula#, W.Bailey
10/11,21	S.Peabody, P.I.	1, 1	R.Heil, B.McHale#
10/28-30,7-11/18	Nantucket, Salem	5, 1	R.Veit#, L.Healy
11/1-18,18	Nantucket, M.V.	max 5, 1	R.Veit#, V.Laux
11/25	Wellfleet, Orleans	1, 1	B.Nikula#, R.Heil#
Great Crested Flycatcher:			
10/7	Wellfleet, Truro	1, 1	R.Heil & M.Kasprzyk
10/18	Nantucket	1	R.Veit & M.Litchfield
Eastern Phoebe			
8/22	P.I.	1	M. & A. Argue
9/12,16	IRWS, P.I.	7, 7	R.Forster
10/2,11	S.Peabody	7, 21	R.Heil
10/13-14	Nantucket	16	R.Stymeist#

<u>Say's Phoebe:</u>			
9/8	P.I.	1	T.Leverich, R.Stymeist#
<u>Empidonax sp.</u>			
9/4,5	P.I., MNWS	2, 3	R.Heil
10/5,13	Salisbury, Manomet	1, 1	M.Kasprzyk#, SSBC
10/8-14	Nantucket	1-3	R.Veit & M.Litchfield
<u>Yellow-bellied Flycatcher:</u>			
8/18,21	P.I., Annisquam	1, 1	R.Forster, H.Wiggin
8/23	M.V.	1	V.Laux
8/26	MNWS, Littleton	1, 1	B.Cassie, J.Baird
9/3,23	MNWS, Fall River	1, 2	BBC
<u>Willow Flycatcher:</u>			
8/7	P.I.	1	O.Komar
<u>Eastern Wood Pewee:</u>			
8/18,19	P.I., GMNWR	1, 1	BBC
8/26,9/9	Westboro, Hamilton	1, 1 singing	Forbush B.C., J.Berry
10/4-14,11/1	Nantucket, WBWS	max 2, 1	E.Andrews#, W.Bailey
<u>Olive-sided Flycatcher:</u>			
8/21,23	WBWS, MNWS	1, 1	R.Heil, S.Garrett#
9/1,20	Truro, Sharon	1, 1	R.Heil, D.Clapp
<u>Horned Lark:</u>			
10/6,30	Salisbury, Nantucket	24, 37	R.McHale, R.Veit#
11/4	Truro	300	W.Petersen
<u>Tree Swallow:</u>			
8/11	P.I.	20,000+	R.Heil, R.Stymeist
9/12,10/8	Essex, Halifax	3000, 5000	B.Rizzotti, K.Anderson
10/17, 26	Nantucket, M.V.	70, 10	R.Veit, V.Laux
11/4	P.I.	1	R.Heil
<u>Bank Swallow:</u>			
8/19	GMNWR	30	BBC
9/8,15	P.I.	25, 3	BBC
11/30	Manomet	1	K.Anderson#
<u>Barn Swallow:</u>			
8/5,25	P.I., Plymouth	150, 200	R.Stymeist#, BBC
10/28	P.I., Katama-M.V.	1, 2	B.Leonard, R.Heil#
11/4,24	P.I.	1, 1	R.Heil, L.Jodrey
11/4,11	Nantucket, Woods Hole	2, 1	R.Veit, K.Powers
<u>Cliff Swallow:</u>			
8/5,20	P.I., MNWS	8, 4	R.Stymeist#, R.Heil
9/16	P.I.	1	R.Forster
<u>Purple Martin:</u>			
8/5-18,9/22	P.I.	60, 4	R.Stymeist#, BBC
<u>Blue Jay:</u>			
9/16,21	S.Shore, Millis	604, 190	SSBC round-up, B.Cassie
11/4	Chatham	60	R.Stymeist
<u>Common Crow:</u>			
10/27,30	Ashburnham, Needham	1175, 1500	W.Petersen, H.Malland
<u>Fish Crow:</u>			
9/18,10/11,16	Millis	1, 1, 1	B.Cassie
<u>Black-capped Chickadee:</u>			
11/18	Ipswich	1 melanistic with black hood and breast	J.Berry
<u>White-breasted Nuthatch:</u>			
10/31	Nantucket	4	R.Veit & M.Litchfield
<u>Red-breasted Nuthatch:</u>			
8/thr., 9/thr.	3 locales	4 inds., 3 inds.	v.o.
10/thr.	3 locales	5 inds.	v.o.
11/1-18,11/11	Nantucket, W.Dennis	7, 2	R.Veit#, B.Cassie
11/15,25	Stoneham, Rutland S.P.	1, 26	M.Martinek, M.Lynch
<u>Brown Creeper:</u>			
9/20-22,23	Lovell's Is., P.I.	3, 2	J.Grugan, R.Stymeist#
10/9,18	Nantucket, Monomoy	8-10,2	R.Veit#, W.Bailey
11/17,18	Plymouth, Newton	3,2	SSBC, R.Stymeist
11/25	Rutland	4	M.Lynch
<u>House Wren:</u>			
10/11,25	Nantucket	9,2	R.Veit & M.Litchfield
<u>Winter Wren:</u>			
9/21,22	Sharon, Manchester	1, 1	R.Forster#, BBC
10/1,11	MNWS, Lynn	1, 1	R.Heil
10/11,11-26	P'town, Nantucket	6+, 2+	B.Nikula, R.Veit#
10/16,11/4	Millis, Rockport	1, 1	B.Cassie, K. & C.Leahy

Carolina Wren:			
8/5,13	Marshfield, Lincoln	1, 1	SSBC, Mrs. Little
9/2-9, 4	Nahant, Framingham	1, 1	R.Stymeist, R.Forster
9/16	Marshfield, Plymouth	1, 2	SSBC
10/13,15	Nantucket, Norton	3, 1	R.Veit#, J.Kricher
11/10-14,22-30	Marshfield,Brookline	max 4, 2	B.Sorrie, R.Stymeist
Long-billed Marsh Wren			
10/11,15	Nantucket, WBWS	1, 1	R.Veit#, W.Bailey
11/4,8	Eastham (F.H.),Nantucket	2, 3	R.Petersen, R.Veit
11/25	E.Boston	3	R.Stymeist
<u>Short-billed Marsh Wren:</u>			
9/8-23	Framingham	1 singing	R.Forster#

MIMIDS THROUGH WARBLERS

Strong northwest winds on August 9-10 and again on the 17th brought the first wave of fall migrants into our area. Cape May and Bay-breasted warblers predominated the early waves while a few individuals of other species occurred in smaller numbers. During late August and September migration was in full swing and highlights included 77 Gray Catbirds banded on a single day at Manomet, 8 Yellow-throated and 41 Philadelphia Vireos, 6 Prothonotary, a Cerulean, a Yellow-throated, 2 Kentucky, 9 Connecticut, and 3 Hooded warblers. Perhaps a more astonishing fact is that between August 22 and September 30, Manomet banded 41 Yellow-breasted Chats! How many times does the avid birder even see a chat!

The mild weather during October and November directly resulted in a number of individuals lingering beyond their normal departure dates; also, the strong south-westerly flow of late November apparently "blew back" several birds into our area.

Golden and Ruby-crowned kinglets showed a dramatic increase in numbers from last fall when only 27 Golden-crowned and 43 Ruby-crowned Kinglets were reported.

Mockingbird:			
10/7	Eastham (F.H.),Truro(Corn Hill)	30+, 20+	R.Heil#,M.Kasprzyk#
Gray Catbird:			
8/18,21,9/9	P.I., Manomet, P.I.	60, 77 b, 70	BBC, MBO, B.Cassie
10/13,11/22 on	P.I., Brookline	5, 1-2	O.Komar#,R.Stymeist
Brown Thrasher:			
9/28	20 miles SE of NE Peak	1	MBO staff
11/22 on	Brookline	3	R.Stymeist + v.o.
American Robin:			
9/23 thr. Oct.	Essex, Nantucket	150, max 165 (10/18)	BBC, R.Veit#
10/16,11/4,18	Millis, P.I., Newton	550, 60, 72	B.Cassie,B.Cassie,R.Stymeist#
Wood Thrush:			
9/19,20	E.Middleboro, Lovell's I.-Boston	1, 1	K.Anderson, J.Grugan
10/11+18,15	Nantucket, WBWS	1 + 1, 1	R.Veit#,W.Bailey
10/17,11/30	Littleton, Naushon I.	1, 1	J.Baird, MBO staff
Hermit Thrush:			
8/18,9/27	P.I.,Lincoln	1 carefully studied, 1	R.Forster
10/8-30	Nantucket	max 9, 10/28	R.Veit,M.Litchfield
10/27,11/18	Newburyport, Newton	4, 1	R.Stymeist#
Swainson's Thrush:			
8/26, 9/5	MNWS	1-2, 2	R.Forster, R.Heil
9/16,20	Quincy, Lovell's I.	6, 9	SSBC, J.Grugan
10/14,16	Sharon, Milton	1, 1	N.Waldron,R.Campbell
10/21,25	P.I., Littleton	1, 1	R.Heil, J.Baird
Gray-cheeked Thrush:			
9/5,15	MNWS, Eastham	1, 1	R.Heil,H.Coolidge#
9/16,23	Truro, S. Wellfleet	2, 1	D.Brown#,D.Stemple
9/26	MBO	1 b.	Staff
Veery:			
8/25,9/5	MNWS	2, 2	R. & D.Hale#, R.Heil
10/11,14,17	Nantucket	1, 1, 1	R.Veit, M.Litchfield
Eastern Bluebird:			
8/9	Harwichport	pr. feeding young	R.Stymeist#,S.Roberts
8/18	Harwichport	pr. building new nest	R.Stymeist, A.Scott
10/2,8	W.Grafton, Hardwich	3, 10	Mr.Martin,C.Fredette
10/14,22	Marlborough, Boxford	7, 7	L.Rochette, B.Horn#
11/7	S.Harwich	7	E. & M. Laux

<b>Blue-gray Gnatcatcher:</b>		
Aug.	4 locales	6 inds.
9/1;9	P'town, Annisquam; Scituate	3, 1; 1
10/2,13	Rockport, Ipswich	1 b., 1
10/16,11/1	Milton, Chatham	1, 2
11/7,16	Rockport, Lynn	1 b., 1
<b>Golden-crowned Kinglet:</b>		
9/21,23	Sharon, P.I.	1, 30
thr Oct.	Nantucket	max 40 (10/9)
10/11	P'town, S.Peabody	35+, 16
10/22,27	Chelmsford, Ashburnham	14, 5
<b>Ruby-crowned Kinglet:</b>		
9/12,21	MBO, Sharon	1 b., 4
9/23;27	P.I.; E.Middleboro, Monomoy	40; 1, 25 R.Stymeist#
thr Oct.	Nantucket	max 60 (10/9)
10/11,11/29	S.Peabody, Hingham	33, 1
<b>Water Pipit:</b>		
9/8-16;9/19 + 23	P.I.; Mt.Wachusett	2-11; 1+22
9/9,20	Scituate, Framingham	1, 7
9/23,28	P'town, Salisbury	2, 10-15
thr Oct.	Nantucket	max 150
10/19	Katama, M.V.	300
10/26	Bridgewater, S.Hanson	75, 100
11/7,12	Millis, Rowley	1, 50
<b>Cedar Waxwing:</b>		
thr Aug.,8/22	P.I., Annisquam	max 15, 25+
9/1	Wellfleet, Nantucket	175, 50
thr Oct.	Nantucket	max 97 (10/9)
<b>Northern Shrike:</b>		
10/28	Ipswich, Nantucket, S.Hanson	1, 1, 1
11/4,21	P.I., Ipswich	1, 1 imm.
11/25	Needham, P'town	1 imm., 1 imm.
<b>White-eyed Vireo:</b>		
9/1,16	P.I., Plymouth	1, 1
10/9,13	M.V., Nantucket	10, 1
<b>Yellow-throated Vireo:</b>		
9/1	P.I., Gloucester	1, 1
9/4+11,9/7+18	M.V., MBO	1+1, 1b + 1b
9/16,20	Wellfleet, Lovell's I.-Boston	1, 1 "singing"
<b>Solitary Vireo:</b>		
8/21,25	MNWS	1 early, 1
9/9,15	E.Orleans, Truro	5+, 1
9/22,23	Manchester, Essex	2, 1b
9/26,27	Framingham, E.Middleboro	1, 1
10/4-25	Nantucket	7 individuals
10/21	Truro, P.I.	1, 1
<b>Red-eyed Vireo:</b>		
9/2,8	Annisquam, P.I.	4, 10
9/9	Scituate	20
10/7,8	Wellfleet, Nantucket	5, 6
<b>Philadelphia Vireo:</b>		
8/18-9/15	P.I.	max 11 (9/4)
9/1	outer Cape Cod	5
9/2	MNWS, Nahant	3, 3
9/3-17	11 locations	19 individuals
10/1,2	MNWS, Rockport	1, 2b.
10/7,31	Wellfleet, Lynn	1, 1
11/5	Manomet	1
<b>Warbling Vireo:</b>		
9/1,2	Wellfleet, Annisquam	1, 1
9/4-19	Manomet	5 imm. b.
9/8,15	N.Scituate, Framingham	1, 1
<b>Black-and-White Warbler:</b>		
8/17,25	Chelmsford, MNWS	1, 1
8/26,27	Westboro, Millis	1, 9
9/1-3,23	Nantucket, Westport	12, 2
10/8,11,19	Nantucket	2, 8, 2
10/11,14	Lynn, Littleton	5, 2
10/19, 22	Newton, Wollaston	1, 1
11/6	GMNWR	1
		v.o.
		R.Heil, H.Wiggin; W.Petersen
		R.Norris, M.Kasprzyk#
		S.+R.Higginbotham, B.Nikula
		R.Norris, R.Heil
		D.Clapp#, R.Emery#
		R.Veit, M.Litchfield
		B.Nikula, R.Heil
		S.Reade, P.Roberts#
		Staff, D.Clapp#
		40; 1, 25 R.Stymeist#; K.Anderson, C.Goodrich#
		R.Veit, M.Litchfield
		R.Heil, S.Higginbotham#
		S.Grinley#+v.o., P.Roberts#
		SSBC, R.Forster
		O.Komar#, R.Heil#
		R.Veit, M.Litchfield
		V.Laux
		W.Petersen
		B.Cassie, W.Petersen#
		v.o., H.Wiggin
		R.Heil, BBC
		M.Litchfield#
		J.Berry, R.Veit#, W.Petersen#
		B.Shockey, J.Grugan
		K.Anderson, P.Trull#
		R.Emery#, SSBC
		V.Laux, R.Stymeist#
		R.Stymeist#, C.Leahy
		V.Laux, MBO
		B.Nikula, J.Grugan
		R.Heil, R.+D.Hale#
		P.Trull#, H.Coolidge#
		G.Hotz, B.Rizzotti
		R.Forster, K.Anderson
		R.Veit, M.Litchfield
		W.Petersen, R.Heil
		H.Wiggin, BBC
		SSBC
		M.Kasprzyk#, R.Veit#
		v.o.
		R.Heil
		R.Stymeist#, H.D'Entremont
		v.o.
		R.Heil, R.Norris
		M.Kasprzyk, R.Heil
		T.Lloyd-Evans
		R.Heil, H.Wiggin
		MBO
		W.Petersen, R.Forster
		S.Reade, R.+D.Hale#
		D.Crompton#, B.Cassie
		BBC, D.Davis#
		R.Veit, M.Litchfield
		R.Heil, J.Baird
		O.Komar, R.Emery#
		L.Taylor

Prothonotary Warbler:

8/18	P.I., Great South Channel	1, 1	R.Forster#, MBO
8/20,31	P.I., Nantucket	1, 1	H.Weissberg, BBC(Drummond)
9/7,27	M.V., Monomoy	1, 1	V.Laux, J.Harris#
10/11	Nantucket	1	R.Veit, M.Litchfield

Golden-winged Warbler:

8/30,9/1	Chatham, MNWS	1, 2	B.Nikula, R.Forster
9/1,2,28	Nantucket, P.I., MBO	1, 1, 1b.	BBC, G.Soucy#, MBO

Blue-winged Warbler:

8/18-9/1,8/21	P.I., M.V.	4 inds., 30	v.o., V.Laux
9/3,16	MNWS, Scituate	1, 1	R.+D.Hale, W.Petersen#
10/4	M.V.	1	V.Laux

"Brewster's Warbler:"

8/22	M.V.	1	V.Laux
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"Lawrence's Warbler:"

8/21,29	M.V., Chatham	1, 1	V.Laux, D.Wilcove#
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Tennessee Warbler:

8/17,22	Chelmsford, Gloucester	1, 1	S.Reade, F.Hamlen
8/26;9/1	Westboro; P.I., MBO	1; 1, 1b.	D.Crompton#, R.Stymeist#, MBO
9/20,23	Lovell's I.-Boston, Essex	1, 1	J.Grugan, B.Rizzotti
10/7,8	Truro, Nantucket	1, 3	M.Kasprzyk#, R.Veit#
10/11,20	Wellesley, Lynn	1, 1	C.Ewer, R.Heil

Orange-crowned Warbler:

8/11,9/1,16	Marion, P.I., P'town	1, 1, 1	G.Mock, R.Emery, D.Brown#
10/5,11	Salisbury, Lynn	2, 1	R.Heil
10/11-28	Nantucket	7 individuals	R.Veit, M.Litchfield
10/12, 13	Ipswich, Manchester	1, 1	C.Leahy#, A.Scott#
10/29,11/5	S.Peabody, P.I.	1, 1	M.Kasprzyk, H.Weissberg
11/15,18	MBO, Newton	1b., 1	MBO, R.Stymeist#

Nashville Warbler:

9/1,10/8-16	Nantucket	1, 6 individuals	BBC, R.Veit#
10/11,20	S.Peabody, Lynn	3, 1	R.Heil

Northern Parula:

9/1,3,4	P.I., Annisquam, Fells	3, 1, 2	R.Stymeist#, H.Wiggin, P.Roberts
10/8-16	Nantucket	3 individuals	R.Veit, M.Litchfield
10/11,25	Lynn, Littleton	2, 1	R.Heil, J.Baird
10/28; 11/5	P.I., M.V.; M.V.	1, 1; 1	G.Soucy#; V.Laux

Yellow Warbler:

8/7,18	Chatham, P.I.	25, 15	B.Nikula, BBC
9/8,23	Truro, P.I.	6, 1	R.Stymeist#
10/27	Nantucket, P.I.	1, 1	R.Veit#, R.Stymeist#
11/6	Lynn	1	M.Kasprzyk

Magnolia Warbler:

8/31,9/1	MBO, Nantucket	1b., 2	MBO, BBC
9/3,10/7	MNWS, outer Cape Cod	2, 6	R.+D.Hale#, M.Kasprzyk#

Cape May Warbler:

8/8,10	Duxbury, Chatham	1, 30	R.Walton, R.Heil#
8/17 on,18	Annisquam, P.I.	max 40, 20	H.Wiggin, BBC
8/21,9/1-3	WBWS, Nantucket	25, 85	R.Heil, BBC
9/11,17	P.I., Sharon	15, 4	R.Stymeist#, D.Clapp
10/7,8	P'town, Nantucket	4,39+	R.Heil, R.Veit#
10/13,30	P.I., Middleboro	1, 1	O.Komar#, K.Anderson

Black-throated Blue Warbler:

8/17,22	Chelmsford, WBWS	2, 1	S.Reade, R.Heil
9/1,2	P.I., MNWS	2, 3	R.Emery#, R.Stymeist#
10/8-26,30	Nantucket, Lynn	total 13, 1	R.Veit#, R.Heil

Yellow-rumped Warbler:

8/22,26	WBWS, Westboro	10, 10	R.Heil, D.Crompton#
9/1,12	P.I., Annisquam	40, 15	R.Stymeist#, H.Wiggin
9/23	Salisbury, W.Newbury, Essex	75,70,32	R.Emery#, R.Stymeist#, J.Nove#
10/11	Cambridge, S.Peabody	300+, 250	F.Bouchard, R.Heil
10/17,18	Nantucket	165,503 (heading N-1 hr., 15 min.)	R.Veit#
11/4	Truro, P.I.	100, 20	SSBC, BBC

Black-throated Green Warbler:

9/1, 2	MBO, Topsfield(IRWS)	1b., 3	MBO, A.Blaisdell#
10/5-16	Nantucket	8 individuals	R.Veit, M.Litchfield
10/11,29	Lynn, Millis	6, 1	R.Heil, B.Cassie

Cerulean Warbler:

8/21	MNWS	1	S.Garrett, E.Pyburn
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<b>Blackburnian Warbler:</b>			
8/15,17	Annisquam, Chelmsford	1, 1	H.Wiggin, S.Reade
9/1,20	Nantucket, Lovell's I.-Boston	3, 1	BBC, J.Grugan
10/4,27	Nantucket	1, 1	R.Veit,M.Litchfield
11/4	M.V. (late)	1	V.Laux
<b>Yellow-throated Warbler:</b>			
8/11	S.Orleans	1b.	J.Fisk
<b>Chestnut-sided Warbler:</b>			
8/25,9/1	MNWS, Nantucket	1, 1	R.+D.Hale#, BBC
9/23	Westport, GMNWR	1, 1	BBC, M.Lynch
<b>Bay-breasted Warbler:</b>			
8/10+18,17	Chatham, MBO	60 + 28, 11b.	R.Heil#,R.Stymeist#,MBO
8/18;20,22	P.I.;MNWS, WBWS	22; 35, 50	R.Forster#; R.Heil
9/1,1-3	P.I., Nantucket	8, 35	R.Stymeist#, BBC
9/2	MNWS, Nahant	6, 2	H.D'Entremont#
9/23	Westport, GMNWR	4, 1	BBC, M.Lynch
10/4,8,28	Nantucket	2, 1, 1	M.Litchfield, R.Veit
<b>Blackpoll Warbler:</b>			
8/19,31	P.I., Annisquam	2, 3	J.Murphy#, H.Wiggin
9/16,21	P'town, Millis	30, 35	D.Brown#, B.Cassie
10/thr.	Nantucket	190 (incl. 1 melanistic)	R.Veit#
10/9	at sea 20 mi. S of M.V.	700+	MBO staff
10/11,30	S.Peabody, Beverly	32, 1	R.Heil, G.Soucy
11/12,24	Sharon, Chatham	1, 1	D.Clapp, R.Heil
<b>Pine Warbler:</b>			
8/18,22	P.I., WBWS	1, 30	BBC, R.Heil
9/21,23	Millis, Manchester	1, 1	B.Cassie, G.Holtz#
10/5-27	Nantucket	6 individuals	R.Veit,M.Litchfield
10/11,14	Lynn, Wellfleet	1, 1	R.Heil, BBC
11/17,23	Beverly, Harwich	1, 1	R.Heil, S.Zendeh
<b>Prarie Warbler:</b>			
9/1-3	Nantucket	10	BBC(W.Drummond)
10/5,8,15	Nantucket	2, 1, 2	R.Veit,M.Litchfield
10/7	Monomoy	1	W.Petersen#
<b>Palm Warbler:</b>			
9/8,16	Scituate, Truro	1, 10	S.Higginbotham#,D.Brown#
9/27,10/thr.	Monomoy, Nantucket	40, max 65(10/30)	C.Goodrich#,R.Veit#
10/14,26	Truro,Nahant	13, 2	BBC, S.Zendeh
11/4,24	Truro, Chatham	4, 12	SSBC, W.Petersen#
<b>Ovenbird:</b>			
9/2,3	Mt.A., MNWS	1, 1	C.Marks#,R.+D.Hale#
10/12,13	P.I., Manomet	1, 1	R.Emery#, SSBC
11/6,18	MBO, Ipswich	1(dead), 1	MBO, J.Berry
<b>Northern Waterthrush:</b>			
9/2	MNWS, Nahant	11, 3	R.Stymeist,H.D'Entremont
10/2,11	Rockport,Chelmsford	1b., 1	R.Norris, W.Harris
10/14	Nantucket	3	R.Stymeist, R.Veit
<b>Kentucky Warbler:</b>			
8/17,22	Nantucket Shoals, WBWS	1, 1 juv.	MBO staff, R.Heil
<b>Connecticut Warbler:</b>			
9/1,14,18	MBO	3 b.	MBO staff
9/2,12	MNWS, Annisquam	1, 1	L.Healy, H.Wiggin
9/16,20	P'town, Framingham	1, 1	D.Brown#,R.Forster#
9/21,10/9	Lovell's I.-Boston, at sea 20 mi. S of M.V.	1, 1	J.Grugan, MBO
<b>Mourning Warbler:</b>			
8/17,26	MBO, MNWS	1 b., 1	MBO, R.Forster
9/1,5	Gloucester, Annisquam	1, 1	C.Leahy, H.Wiggin
9/8+15	Truro	1 + 1	B.Nikula
9/26,27	Framingham, Monomoy	1, 1	R.Forster, W.Bailey
10/2	S.Peabody, M.V.	2, 1	R.Heil, V.Laux
10/8,11	Truro, Wellesley	1, 1	B.Nikula#, C.Ewer
<b>Common Yellowthroat:</b>			
9/2	MNWS, Nahant	10,5	R.Stymeist,H.D'Entremont
10/thr.	Nantucket	max.8 (10/11)	R.Veit, M.Litchfield
11/25	Boston	1	D.Braunhardt
<b>Yellow-breasted Chat:</b>			
8/12,19	Naushon I., P.I.	1, 1	M.Martinek,J.Murphy#
8/20,21	Gloucester, MNWS	1, 1	C.Leahy, S.Garrett#
8/22-31	Manomet	20 b.	MBO

8/25; 26	P.I.; MNWS, Eastham	1; 1, 1	D. Clapp; K. Hamilton, R. Heil#
9/thr.	Manomet	21 b.	MBO
9/1,4	Chatham, E. Orleans	1, 1	B. Shockey, P. Trull
9/7,16	M.V., N. Scituate	1, 1	V. Laux, W. Petersen#
9/17,10/3+10	Framingham, Nantucket	1, 1 + 1	R. Forster, R. Veit#
10/4,13	M.V., Essex	1, 1 b.	V. Laux, E. Rizzotti
11/12,22-30	P.I., Brookline	1, 1-2	J. Nove, R. Stymeist+v.o.
<b>Hooded Warbler:</b>			
8/28, 9/1,4	P.I., Chatham, M.V.	1 m, 1 m, 1 m	M. Noland, B. Nikula#, V. Laux
10/9+25	Nantucket	1 m, 1 f	E. Andrews, R. Veit#
10/17	Manchester	1 f	R. Stymeist
<b>Wilson's Warbler:</b>			
8/27, 9/5	Manomet, MNWS	1 b., 5	MBO, R. Heil
9/1-22	8 locales	16 individuals	v.o.
10/4,7,8	Nantucket	1, 1, 1	R. Veit, M. Litchfield
10/14,11/3	Truro, Westwood	1, 1	H. D'Entremont#, Mrs. F. Wicks
<b>Canada Warbler:</b>			
8/10,12	Manomet, Naushon I.	1 b., 4	MBO, M. Martinek
8/19,25	GMNWR, MNWS	1, 1	P. Alden#, R.+D. Hale#
9/1,1-3	P.I., Nantucket	1, 3	W. VanCor, BBC
9/4	Middlesex Fells	1	P. Roberts
<b>American Redstart:</b>			
8/17,25	Chelmsford, MNWS	3, 3	S. Reade, R.+D. Hale#
9/2	MNWS, Nahant	11, 4	R. Stymeist, H. D'Entremont
9/1-3,23	Nantucket, Essex	20, 1	BBC, J. Nove
10/thr.	Nantucket	max 14 (10/8)	R. Veit, M. Litchfield
10/14,28	Truro, M.V.	1, 1	BBC, R. Heil

#### BLACKBIRDS THROUGH BUNTINGS

A tremendous count of Common Grackles gathered in the Bridgewater and East Middleboro area where it was believed their numbers could have easily been over one million individuals. Not so common, 2 Yellow-headed Blackbirds were found at Katama, M.V., and a dark-eyed immature Brewer's Blackbird was found at Corn Hill, Truro. A female Western Tanager was well observed in Duxbury while at least 66 birders "logged in" at Herman Weissberg's yard to record the adult Summer Tanager. On Nantucket, an immature Summer Tanager and a Black-headed Grosbeak were found.

During October on Nantucket, 10 Blue Grosbeaks, 54 Indigo Buntings, 20-25 Dickcissels, 120 Savannah, 6 Grasshopper, a Henslow's Sparrow, 7 Clay-colored and 8 Lincoln's Sparrows were found almost exclusively on the Bartlett Farm. The bird of the month, the Chestnut-collared Longspur, was also found on the farm and was banded and photographed (see photo this issue). This represents the third record for the state, the most recent being reported from North Beach, Chatham, January 3-6, 1975.

A tailless adult Green-tailed Towhee was present in Peabody from Oct. 17-Nov. 4 where it was photographed and observed by many birders. As many as 3 Lark Buntings were recorded during the fall, and a carefully described Golden-crowned Sparrow was found at Duxbury Beach. This represents the fourth state record.

<b>Bobolink:</b>			
8/10,19,27	Halifax, Fram., Millis	100+, 250, 90,	K. Anderson, R. Forster#, B. Cassie
9/1,6+30	Truro, Framingham	200+, 475 + 4	R. Heil, R. Forster
10/11,25	Nantucket	max 60, 1 (late)	R. Veit, M. Litchfield
<b>Eastern Meadowlark:</b>			
10/14,15	Easton, Nantucket	14, 22	D. Clapp, R. Veit
11/1,25	Sharon, E. Boston	8, 3	D. Clapp, R. Stymeist#
<b>Yellow-headed Blackbird:</b>			
8/7-23,10/21	Katama, M.V.	max 2, 1 imm.	V. Laux
<b>Red-winged Blackbird:</b>			
9/8,10/thr.	P.I., Nantucket	100+, max 110 (10/7)	BBC, R. Veit#
10/28,11/1	Lakeville, Sharon	330, 220	K. Anderson, D. Clapp
<b>Northern Oriole:</b>			
8/15,23	Annisquam, MNWS	6, 4	H. Wiggan, E. Pyburn
9/1,2	Outer Cape Cod, MNWS	70, 6	R. Heil, H. D'Entremont#
10/14,15	Truro, Nantucket	1, 4+	H. D'Entremont#, R. Veit
11/24,25	Eastham, S. Wellfleet	2, 1	S. Zende, W. Petersen
<b>Rusty Blackbird:</b>			
9/16	P.I., Milton	1, 1	R. Forster, R. Stymeist#



9/20,25	Framingham, Millis	1, 48	R.Forster, B.Cassie
10/11,13	Millis, Sharon	185, 18	B.Cassie, D.Clapp
10/15,11/18	Nantucket, W.Roxbury	25, 5	R.Veit#, R.Stymeist#
<b>Brewer's Blackbird:</b>			
11/4	Truro (Corn Hill)	1 imm.	SSBC(W.Petersen)+v.o.
	well described - full description on file		
<b>Common Grackle:</b>			
8/10,9/8	E.Middleboro, Eastham	100+, 1000+	K.Anderson
10/26	Nantucket	350	R.Veit#
	unusually high for island		
10/26	Bridgewater	500,000	W.Petersen
	This staggering count may actually have been in the order of 1 million birds. The flock was several miles long.		
10/27,29,31	E.Middleboro	113,000+,	T.Lloyd Evans#
10/29	E.Middleboro	10-25,000	T.Lloyd Evans#
10/31	E.Middleboro	virtually none	T.Lloyd Evans#
	careful counts of 1 minute, made every 3 minutes, flight lasted 1 hour.		
<b>Brown-headed Cowbird:</b>			
10/14,11/1	Easton, Sharon	400+, 60	D.Clapp
<b>Western Tanager:</b>			
11/18	Duxbury	1 f.	B.Sorrie,W.Peterson
	(Excellent details from both observers on file.)		
<b>Scarlet Tanager:</b>			
8/22,23	P.I.,MNWS	1, 1	M.Argue#, E.Pyburn#
9/15	P.I., Gloucester	1, 2	I.Giriunas#, J.Nove#
10/11	Nantucket, Salem	3, 1	R.Veit#, R.Heil
10/31	S.Peabody (late)	1	R.Heil
<b>Summer Tanager:</b>			
10/18-24	Manchester	1 m.	H.Weissberg + 66 v.o.
10/18	Nantucket (Hither Creek)	1 imm.	R.Veit
<b>Cardinal:</b>			
8/28	Watertown	nest w/2 yg.	J.Luck
<b>Rose-breasted Grosbeak:</b>			
8/5,22	GMNWR, Annisquam	4, 4	BBC, H.Wiggin
9/16,20	Gloucester, Squantum	6, 5	BBC,S.+R.Higginbotham
10/5-25	Nantucket	12 individuals	R.Veit,M.Litchfield
<b>Black-headed Grosbeak:</b>			
10/27	Nantucket	1	R.Veit,M.Litchfield
<b>Blue Grosbeak:</b>			
8/15,9/4-16	P.I., Truro	1, max 2 at one time	B.Horn,B.Nikula#+v.o.
9/24,26	P'town, M.V.	1, 2	W.Bailey, V.Laux
10/1-21	Truro	max 6(10/8)	fide B.Nikula
10/2-30	Nantucket	total 10,max 6(10/14)	R.Veit# + v.o.
10/5,14	P'town, Orleans	1, 1	W.Bailey,I.C.T.Nisbet
<b>Indigo Bunting:</b>			
8/11,9;19	Marion, Framingham	3, 4	G.Mock, R.Forster
10/thr.	Nantucket	max 54(10/11,late 2(10/31)	R.Veit + v.o.
10/1-27	Truro	max 30(10/14)	fide B.Nikula
<b>Dickcissel:</b>			
8/2+20,9/thr.	Annisquam, Outer Cape	1 + 2, 6	H.Wiggin,B.Nikula#+v.o.
9/8,16	Hingham, Nantucket	1, 1	N.Osborne, E.Andrews
9/22	Salisbury	1	BBC
10/thr.	M.V., Truro	max 12, max 3	V.Laux, v.o.
10/3-30	Nantucket	20-25, max 6(10/9)	R.Veit, M.Litchfield
10/11-11/3	S.Peabody	max 3	R.Heil + v.o.
10/12-30	6 locales	7 individuals	v.o.
11/29	Wayland	1	A.Morgan
<b>Evening Grosbeak:</b>			
late Aug.,10/11	Eastham, Brookline	1, 4	C.Goodrich, R.Stymeist
10/16,27	Littleton,Ashburnham	25, 6	J.Baird,P.Roberts#
10/27,11/11	IRWS, Boxford	2-3, 50	J.Berry, W.Davis
11/13,23	Norton, Pepperhill	20, 25+	J.Kricher, R.Campbell
<b>Purple Finch:</b>			
8/28,9/6	Annisquam, P.I.	1, 12	H.Wiggin, BBC

10/thr.	Nantucket	max 30(10/28)	R.Veit,M.Litchfield
10/21,11/18	Millis, Newton	38, 12	B.Cassie,R.Stymeist#
House Finch:			
8/5,19	Scituate, Framingham	75+, 300+	W.Petersen,R.Forster#
Common Redpoll:			
10/30,11/1	S.Peabody	1	M.Kasprzyk, R.Heil
Pine Siskin:			
10/15,26	Millis, Truro	1, 1	B.Cassie, B.Nikula
11/23	P.I.	1	R.Forster
Green-tailed Towhee:			
10/17-11/4	S.Peabody	1 ad.(photogr.)	R.Heil + v.o.
Rufous-sided Towhee:			
10/6,7	Sharon, Nantucket	16, 15	D.Clapp, R.Veit#
11/4,18	Westwood, Newton	1, 1	F.Wicks, R.Stymeist#
Lark Bunting:			
9/2,27	P.I., Monomoy	1, 1	G.Soucy#, C.Goodrich
10/16	Millis	1 ad.	B.Cassie
"Ipswich" Sparrow:			
10/6-11/18	6 locales	17 individuals	v.o.
Savannah Sparrow:			
9/1-3	Nantucket	125	BBC
9/23,28	Salisbury	75+, 200+	R.Stymeist#,M.Kasprzyk#
10/thr.	Nantucket	max 120(10/11)	R.Veit, M.Litchfield
10/5,8	M.V.,Salisbury	100, 80	V.Laux, M.Kasprzyk#
Grasshopper Sparrow:			
9/13	Nantucket	2	G.Soucy, L.Jodrey
10/4-19,28	Nantucket	5 imm.(2 b.), 1	E.Andrews#, R.Veit#
10/7,27	N.Truro, S.Peabody	2, 1	R.Heil, fide G.Soucy
11/18	P.I.	1 imm.	J.Berry
Henslow's Sparrow:			
10/11	Nantucket (Bartlett Farm)	1	R.Veit,M.Litchfield
Sharp-tailed Sparrow:			
8/19	Monomoy	50	BBC(C.Jackson)
9/8	Winthrop, Scituate	25, 32	S.Zendeh,S.Higginbotham
9/28	Salisbury	15-20	R.Heil, M.Kasprzyk
10/5,7	Salisbury,Eastham	35, 15	R.Heil, M.Kasprzyk
Seaside Sparrow:			
8/10,25	Chatham, P.I.	1 juv., 1	R.Heil#,R.Stymeist#
9/thr.	Monomoy	max 10	fide B. Nikula
9/4 + 22	P.I.	2, 3	R.Heil,R.+D.Hale#
9/8,14	Winthrop,Newburyport	2, 3-4	S.Zendeh, H.Wiggin#
10/6,24	P.I., Nantucket	1, 1	R.McHale, R.Veit#
Vesper Sparrow:			
8/8-10/6	S.Wellfleet	max 12(8/21)	v.o.
8/10,10/16	Millis	2, 1	B.Cassie
9/1,29	P'town, Salisbury	15, 7	R.Heil, R.McHale#
10/thr.	Nantucket	max 4(10/25)	R.Veit,M.Litchfield
11/24	Cambridge	2	L.Taylor
Lark Sparrow:			
8/21,31;9/15	S.Wellfleet	1 ad.,1 imm; 1	B.Nikula#; J.Grugan
9/7,27	Monomoy	1, 1 ad. 1 imm.	W.Bailey#,C.Goodrich#
9/7,9-10	M.V., Chatham	1, 1	V.Laux, B.Nikula#
9/23,29	Salisbury	1 ad. 1 imm., 1	R.Stymeist#, A.Smith
10/2-21	M.V.	5 individuals	V.Laux
10/8	Nantucket, Truro, P.I.	2, 1, 1	E.Andrews#,C.Goodrich,G.Soucy#
11/4-5,11/12-30	Orleans, Hingham	1, 1 ad.	B.Nikula#,B.Terry+v.o.
Dark-eyed Junco:			
8/17	Newburyport	1 (dead)	R.Emery#
9/15,16	Sutton, N.Scituate	1, 1	S.+R.Higginbotham,W.Petersen#
9/23	Salisbury	23	R.Stymeist#
10/15,11/23	Millis	40,160	B.Cassie
Tree Sparrow:			
10/21,27	Millis, P.I.	2, 1	B.Cassie,R.Stymeist#
11/6,23	GMNWR, Millis	25, 290	L.Taylor, B.Cassie
Chipping Sparrow:			
8/21	S.Wellfleet	60	R.Heil#
9/23,28	P.I., Millis	17, 35	R.Stymeist#,B.Cassie
10/thr.	Nantucket	max 52(10/8)	R.Veit#
10/11,15	Wellesley, Littleton	45, 26	C.Ewer#, J.Baird
11/18	P.I.	1	P.Buckley, J.Berry

<u>Clay-colored Sparrow:</u>			
9/16, 18	P'town, M.V.	1, 1	H.Wiggin#, V.Laux
9/20	Boston(Lovell's I.)	1	J.Grugan
9/27,10/8-13	P.I.	1, 1-2	M.+A.Argue,T.Martin#+v.o.
9/27,10/11-14	Monomoy, Wellfleet	1, 1-2	W.Bailey#, B.Nikula#
10/2-28	Nantucket	total 7	R.Veit,M.Litchfield
10/21,11/4	Truro	1, 1-2	B.Nikula#,R.Stymeist#
11/4	Salisbury	1	R.Heil
<u>Field Sparrow:</u>			
10/11,28	S.Peabody, Nantucket	42, 10	R.Heil,M.Litchfield#
11/6,8	S.Peabody, Halifax	10+, 8	M.Kasprzyk,K.Anderson
<u>White-crowned Sparrow:</u>			
9/1	P.I., Truro	1, 1	BBC, R.Heil
9/23	Framingham, Salisbury	1, 1	K.Hamilton,R.McHale
9/28,29	Salisbury, Concord	3, 3	M.Kasprzyk,R.Forster
11/3,24	Danvers, Cambridge	3, 1	E.Pyburn, L.Taylor
<u>Golden-crowned Sparrow:</u>			
10/10	Duxbury Beach (Gurnet)	1	N.Jackson,fide K.Andersen
	carefully described -	details on file.	
<u>Snow Bunting:</u>			
10/27	Ashburnham, P.I.	30, 18	P.Roberts#,K.Blanchard
10/28	Ipswich(Crane's Beach)	200-250	J.Berry
11/4	P.I., Truro	400, 600+	G.Gove, SSBC(Fox)
<u>Chestnut-collared Longspur:</u>			
10/25-27	Nantucket(Bartlett Farm)	1 b.	R.R.Veit,M.J.Litchfield, E.F.Andrews

#### List of Abbreviations

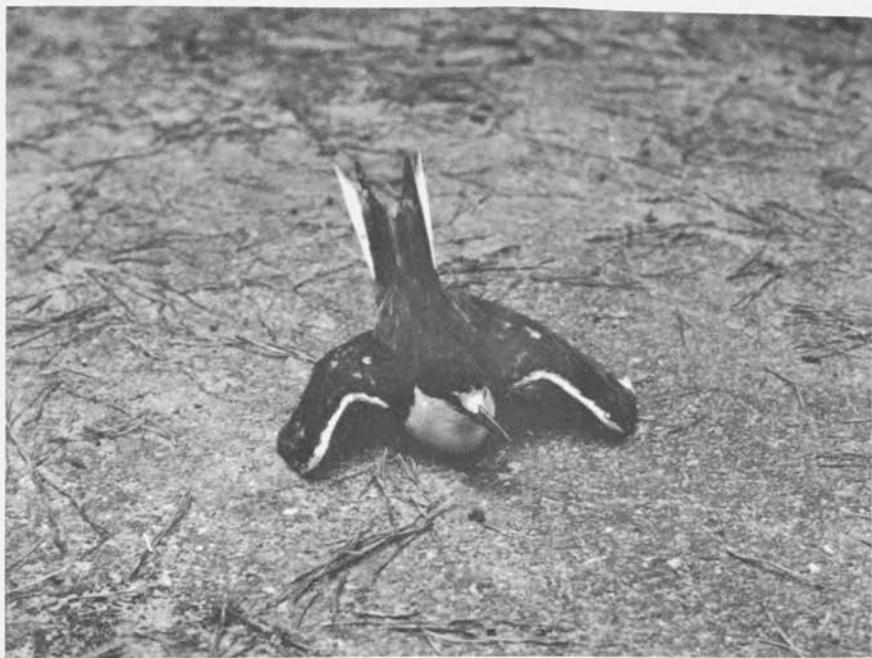
ad.	adult	SSBC	South Shore Bird Club
b.	banded	GMNWR	Great Meadows National Wildlife Refuge
d.	dark phase	IRWS	Ipswich River Wildlife Sanctuary
f.	female	MBO	Manomet Bird Observatory
imm.	immature	MNWS	Marblehead Neck Wildlife Sanctuary
l.	light phase	WBWS	Wellfleet Bay Wildlife Sanctuary
m.	male	WMWS	Wachusett Meadows Wildlife Sanctuary
max.	maximum	AA	Arnold Arboretum
thr.	throughout	A.P.	Andrews Point, Rockport
v.o.	various observers	E.P.	Eastern Point, Gloucester
yg.	young	F.M.	Fowl Meadow, Milton
#	additional observers	M.V.	Martha's Vineyard
ABC	Allen Bird Club	P.I.	Plum Island
BBC	Brookline Bird Club	Mt.A.	Mt. Auburn Cemetery, Cambridge
CBC	Christmas Bird Count	S.N.	Sandy Neck, Barnstable



Chestnut-collared Longspur  
 Photographed by Marcia Litchfield on Nantucket, Mass.  
 October 7, 1979

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Sooty Tern photographed by Peter Trull in Chatham